

OXY USA INC

DAILY OPERATIONS PARTNER 30 HOUR REPORT

Event: DEV COMPLETION

Prim. Reason: CASSED HOLE

HELGA 19-0-4-40 A 11H

USA

Date: 05/16/2024

Report No: 1

Wellbore / Top MD: 00 @ 0 ft

Rig:

Ref Datum: HP396 30.5'KB @2,769.90ft

DFS/DOL

Today's MD:

Progress:

Ground Elev: 2,739.40 ft

Daily Cost: \$23,666

Prev MD:

Rot Hrs Today:

AFE MD/Days: / days

Cum Cost: \$23,666

PBMD:

Avq ROP Today: 0.0 ft/hr

AFE Number: C23-02924.03.01.10

AFE Cost: \$4,753,533

Current Formation @

Lithology:

Current Ops:

24-Hr Summary:

24-Hr Forecast:

CASING/WELL CONTROL		HOOKLOAD & TORQUE		HYDRAULICS		MUD GAS		Avq	Max
Last Casing:	9.625in @ 11,125ft	Str Wt Up/Dn:	/	Pump Rate:	0.0	Conn:			
Next Casing:	9.625in @ 11,110ft	Str Wt Rot:		Pump Press:	0	Trip:			
Last BOP Press Test:		Torq Off Btm:				Backgr:			
Form Test/EMW:	FIT / 15.02 ppg	Torq On Btm:							

PERSONNEL		SURVEY DATA (LAST 6)								
Supervisor 1:	CHARLES MONTGOMERY	MD	Incl	Azi	TVD	N-S	E-W	VS	DLS	Build
Supervisor 2:		25,064.0	88.67	342.33	11,585.17	12,012.3	-4,465.4	12,815.4	0.47	-0.31
Engineer:	RYAN MCGREGOR	24,994.0	88.89	342.57	11,583.68	11,945.6	-4,444.3	12,745.5	1.55	-1.09
Geologist:		24,900.0	89.91	343.61	11,582.70	11,855.6	-4,416.9	12,651.7	0.17	0.16
Oxy Personnel:	0	24,806.0	89.76	343.56	11,582.43	11,765.5	-4,390.4	12,557.9	0.65	-0.44
Contractor Personnel	0	24,712.0	90.17	344.01	11,582.37	11,675.2	-4,364.1	12,464.2	1.12	-0.17
Total on Site:	0	24,618.0	90.33	345.05	11,582.78	11,584.6	-4,339.0	12,370.5	2.42	0.49

BIT RECORD											
Bit No	Size	Manufacturer	Model	Part	Serial No	IADC Code	Nozzles	MD In	MD Out	I-O-D-L	B-G-O-R
										--	--

BIT OPERATING PARAMETERS TODAY												
Bit No	Rot Hrs	Cum Rot Hrs	Prog	Cum Prog	ROP	Cum ROP	WOB min/max	RPM min/max	TFA	P Drop Bit	Noz Vel	HHPSI

MUD DATA -				LAST OR CURRENT BHA				
Engineer:		MBT:						
Sample From:		pH:						
Mud Type:		Pm / Pom:						
Time / MD: /		Pf / Mf: /						
Density @ Temp: /		Chlorides:						
Rheology Temp:		Ca++ / K+: /						
Viscosity:		CaCl2:						
PV / YP: /		Cl- in water phase:						
Gels 10s/10m/30m: / /		Lime:						
API WL:		ES:						
HTHP WL:		ECD:						
Cake API / HTHP: /		n / K: /						
Solids / Sol Corr: /		Carbonate:						
Oil / Water: /		Bicarbonate:						
Oil / Water % for OWR: /		Form Loss / Cum Loss / 0.0						
Sand:		Fluid Disch: /						
Water Added:		Daily Mud Cost: \$0						
Oil Added:		Cum Mud Cost: \$0						
LGS: /								
VG Meter:								
Comments:								

MUD PRODUCTS			
Product	Number of Units	Units	Qty Used

OXY USA INC							
DAILY OPERATIONS PARTNER 30 HOUR REPORT							
Event:		DEV COMPLETION		HELGA 19-0-4-40 A 11H		Date: 05/16/2024	
Prim. Reason:		CASED HOLE		USA		Report No: 1	
OPERATIONS							
From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
0:00	6:00	6.00	50PREP	DT	SDN	P	No Activity
6:00	6:15	0.25	50PREP	SF	PJSM	P	Safety Meeting / JSA's
6:15	12:00	5.75	50PREP	ST	RUDSTACK	P	Fill cellars partway, check pressures on surface & intermediate and verified 0 psi on both. ND nightcap, NU tubing head, test void 8500 psi, test seals 10,000 psi. NU Fesco lower master valve. Spot pumpdown, acid, & frac tanks.
12:00	16:00	4.00	50PREP	ST	RUDSTACK	P	Pressure test LMV 250 psi / 9800 psi, Cactus pull test hangar & BPV. NU surface & intermediate risers, NU Upper Master Valve.
16:00	21:00	5.00	50PREP	ST	RUDSTACK	P	Lubricate in back pressure valve, ND upper hydraulic master and lower master, well secure, Wait on fesco to get correct lmv's on location. continue testing surface and intermediate risers,
21:00	0:00	3.00	50PREP	ST	RUDSTACK	P	Pressure tested surface and intermediate risers, opened both valves, finished filling in cellar with pea gravel, replaced LMV with the correct valve, NU new lmv and night cap to pressure test. Per procedure. Pull BPV, Continue NU UHMV, flow cross, set and torque the dogbone
Total Time		24.00					
OPERATIONS - NEXT DAY							
From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
0:00	5:30	5.50	50PREP	ST	RUDSTACK	P	CONTINUE TO NU 7-1/16 10K FRAC STACK, ZIPPER MANIFOLD & MONO LINE AS PER PROCEDURE & TORQUE ALL CONECTIONS TO API STANDARDS. RU HYD HOSES & SET ACCUMULATORS
5:30	5:45	0.25	50PREP	SF	PJSM	P	Crew Change, Safety meeting / JSA's
5:45	12:00	6.25	50PREP	ST	RUDSTACK	P	
Total Time		12.00					
Safety Incident?		N		Days since Last RI:		Weather Comments:	
Environ Incident?		N		Days since Last LTA			
Incident Comments:							
Other Remarks:							

OXY USA INC

DAILY OPERATIONS PARTNER 30 HOUR REPORT

Event: DEV COMPLETION

Prim. Reason: CASSED HOLE

HELGA 19-0-4-40 A 11H

USA

Date: 05/17/2024

Report No: 2

Wellbore / Top MD: 00 @ 0 ft

Rig:

Ref Datum: HP396 30.5'KB @2,769.90ft

DFS/DOL

Today's MD: Progress:

Ground Elev: 2,739.40 ft

Daily Cost: \$15,702

Prev MD: Rot Hrs Today:

AFE MD/Days: / days

Cum Cost: \$39,368

PBMD: Avg ROP Today: 0.0 ft/hr

AFE Number: C23-02924.03.01.10

AFE Cost: \$4,753,533

Current Formation @

Lithology:

Current Ops:

24-Hr Summary:

24-Hr Forecast:

CASING/WELL CONTROL		HOOKLOAD & TORQUE		HYDRAULICS		MUD GAS		Avg	Max
Last Casing:	9.625in @ 11,125ft	Str Wt Up/Dn:	/	Pump Rate:	0.0	Conn:			
Next Casing:	9.625in @ 11,110ft	Str Wt Rot:		Pump Press:	0	Trip:			
Last BOP Press Test:		Torq Off Btm:				Backgr:			
Form Test/EMW:	FIT / 15.02 ppg	Torq On Btm:							

PERSONNEL		SURVEY DATA (LAST 6)								
Supervisor 1:	CHARLES MONTGOMERY	MD	Incl	Azi	TVD	N-S	E-W	VS	DLS	Build
Supervisor 2:		25,064.0	88.67	342.33	11,585.17	12,012.3	-4,465.4	12,815.4	0.47	-0.31
Engineer:	RYAN MCGREGOR	24,994.0	88.89	342.57	11,583.68	11,945.6	-4,444.3	12,745.5	1.55	-1.09
Geologist:		24,900.0	89.91	343.61	11,582.70	11,855.6	-4,416.9	12,651.7	0.17	0.16
Oxy Personnel:	0	24,806.0	89.76	343.56	11,582.43	11,765.5	-4,390.4	12,557.9	0.65	-0.44
Contractor Personnel	0	24,712.0	90.17	344.01	11,582.37	11,675.2	-4,364.1	12,464.2	1.12	-0.17
Total on Site:	0	24,618.0	90.33	345.05	11,582.78	11,584.6	-4,339.0	12,370.5	2.42	0.49

BIT RECORD											
Bit No	Size	Manufacturer	Model	Part	Serial No	IADC Code	Nozzles	MD In	MD Out	I-O-D-L	B-G-O-R
										--	--

BIT OPERATING PARAMETERS TODAY												
Bit No	Rot Hrs	Cum Rot Hrs	Prog	Cum Prog	ROP	Cum ROP	WOB min/max	RPM min/max	TFA	P Drop Bit	Noz Vel	HHPSI

MUD DATA -				LAST OR CURRENT BHA				
Engineer:		MBT:						
Sample From:		pH:						
Mud Type:		Pm / Pom:						
Time / MD: /		Pf / Mf: /						
Density @ Temp: /		Chlorides:						
Rheology Temp:		Ca++ / K+: /						
Viscosity:		CaCl2:						
PV / YP: /		Cl- in water phase:						
Gels 10s/10m/30m: / /		Lime:						
API WL:		ES:						
HTHP WL:		ECD:						
Cake API / HTHP: /		n / K: /						
Solids / Sol Corr: /		Carbonate:						
Oil / Water: /		Bicarbonate:						
Oil / Water % for OWR: /		Form Loss / Cum Loss / 0.0						
Sand:		Fluid Disch: /						
Water Added:		Daily Mud Cost: \$0						
Oil Added:		Cum Mud Cost: \$0						
LGS: /								
VG Meter:								
Comments:								

MUD PRODUCTS			
Product	Number of Units	Units	Qty Used

OXY USA INC							
DAILY OPERATIONS PARTNER 30 HOUR REPORT							
Event:		DEV COMPLETION		HELGA 19-0-4-40 A 11H		Date: 05/17/2024	
Prim. Reason:		CASED HOLE		USA		Report No: 2	
OPERATIONS							
From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
0:00	5:30	5.50	50PREP	ST	RUDSTACK	P	CONTINUE TO NU 7-1/16 10K FRAC STACK, ZIPPER MANIFOLD & MONO LINE AS PER PROCEDURE & TORQUE ALL CONECTIONS TO API STANDARDS. RU HYD HOSES & SET ACCUMULATORS
5:30	5:45	0.25	50PREP	SF	PJSM	P	Crew Change, Safety meeting / JSA's
5:45	12:00	6.25	50PREP	ST	RUDSTACK	P	Continue torque connections, layout hydraulic hoses, flowback RU iron to manifold & open top tank, Liberty lay down sand mats
12:00	16:00	4.00	50PREP	ST	RUDSTACK	P	NU 90's at end of mono line, Begin hooking up hydraulic lines, lift pump down connection on top of crown valve and continue torquing connections. Liberty install grounding rods.
16:00			50PREP	ST	RUDSTACK	P	RU pumpdown equalizing connections on top of crown valves, run hydraulic lines install nightcaps,shell test stacks & zipper manifold, function test.
Total Time		16.00					
OPERATIONS - NEXT DAY							
From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
0:00	3:00	3.00	50PREP	ST	RUDSTACK	P	FILL FRAC STACK WITH WATER, FINISH MAKING UP NIGHT CAPS. SHELL TEST.
3:00	3:30	0.50	50PREP	ST	RUDSTACK	P	SHELL TEST GOOD
3:30	0:00	20.50	50PREP	DT	SDN	P	ALL PRESSURE BLED OFF, ALL VALVES SHUT, HYD BLED OFF. WELLS SECURE PREP OPS COMPLETE SHUT DOWN FOR NIGHT.
Total Time		24.00					
Safety Incident? N			Days since Last RI:			Weather Comments:	
Environ Incident? N			Days since Last LTA				
Incident Comments: No incidents reported last 24 hours.							
Other Remarks:							

OXY USA INC

DAILY OPERATIONS PARTNER 30 HOUR REPORT

Event:DEV COMPLETION

Prim. Reason:CASED HOLE

HELGA 19-0-4-40 A 11H

USA

Date:05/18/2024

Report No:3

Wellbore / Top MD:00 @ 0 ft

Rig:

Ref Datum:HP396 30.5'KB @2,769.90ft

DFS/DOL

Today's MD:

Progress:

Ground Elev:2,739.40 ft

Daily Cost:\$15,702

Prev MD:

Rot Hrs Today:

AFE MD/Days:/ days

Cum Cost:\$55,070

PBMD:

Avq ROP Today:0.0 ft/hr

AFE Number:C23-02924.03.01.10

AFE Cost:\$4,753,533

Current Formation @

Lithology:

Current Ops:

24-Hr Summary:

24-Hr Forecast:

CASING/WELL CONTROL		HOOKLOAD & TORQUE		HYDRAULICS		MUD GAS		Avq	Max
Last Casing:	9.625in @ 11,125ft	Str Wt Up/Dn:	/	Pump Rate:	0.0	Conn:			
Next Casing:	9.625in @ 11,110ft	Str Wt Rot:		Pump Press:	0	Trip:			
Last BOP Press Test:		Torq Off Btm:				Backgr:			
Form Test/EMW:	FIT / 15.02 ppg	Torq On Btm:							

PERSONNEL		SURVEY DATA (LAST 6)								
Supervisor 1:	CHARLES MONTGOMERY	MD	Incl	Azi	TVD	N-S	E-W	VS	DLS	Build
Supervisor 2:		25,064.0	88.67	342.33	11,585.17	12,012.3	-4,465.4	12,815.4	0.47	-0.31
Engineer:	RYAN MCGREGOR	24,994.0	88.89	342.57	11,583.68	11,945.6	-4,444.3	12,745.5	1.55	-1.09
Geologist:		24,900.0	89.91	343.61	11,582.70	11,855.6	-4,416.9	12,651.7	0.17	0.16
Oxy Personnel:	0	24,806.0	89.76	343.56	11,582.43	11,765.5	-4,390.4	12,557.9	0.65	-0.44
Contractor Personnel	0	24,712.0	90.17	344.01	11,582.37	11,675.2	-4,364.1	12,464.2	1.12	-0.17
Total on Site:	0	24,618.0	90.33	345.05	11,582.78	11,584.6	-4,339.0	12,370.5	2.42	0.49

BIT RECORD											
Bit No	Size	Manufacturer	Model	Part	Serial No	IADC Code	Nozzles	MD In	MD Out	I-O-D-L	B-G-O-R
										--	--

BIT OPERATING PARAMETERS TODAY												
Bit No	Rot Hrs	Cum Rot Hrs	Prog	Cum Prog	ROP	Cum ROP	WOB min/max	RPM min/max	TFA	P Drop Bit	Noz Vel	HHPSI

MUD DATA -				LAST OR CURRENT BHA				
Engineer:		MBT:						
Sample From:		pH:						
Mud Type:		Pm / Pom:						
Time / MD: /		Pf / Mf: /						
Density @ Temp: /		Chlorides:						
Rheology Temp:		Ca++ / K+: /						
Viscosity:		CaCl2:						
PV / YP: /		Cl- in water phase:						
Gels 10s/10m/30m: / /		Lime:						
API WL:		ES:						
HTHP WL:		ECD:						
Cake API / HTHP: /		n / K: /						
Solids / Sol Corr: /		Carbonate:						
Oil / Water: /		Bicarbonate:						
Oil / Water % for OWR: /		Form Loss / Cum Loss / 0.0						
Sand:		Fluid Disch: /						
Water Added:		Daily Mud Cost: \$0						
Oil Added:		Cum Mud Cost: \$0						
LGS: /								
VG Meter:								
Comments:								

MUD PRODUCTS			
Product	Number of Units	Units	Qty Used

OXY USA INC							
DAILY OPERATIONS PARTNER 30 HOUR REPORT							
Event:		DEV COMPLETION		HELGA 19-0-4-40 A 11H		Date: 05/18/2024	
Prim. Reason:		CASED HOLE		USA		Report No: 3	
OPERATIONS							
From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
0:00	3:00	3.00	50PREP	ST	RUDSTACK	P	FILL FRAC STACK WITH WATER, FINISH MAKING UP NIGHT CAPS. SHELL TEST.
3:00	3:30	0.50	50PREP	ST	RUDSTACK	P	SHELL TEST GOOD
3:30	0:00	20.50	50PREP	DT	SDN	P	ALL PRESSURE BLED OFF, ALL VALVES SHUT, HYD BLED OFF. WELLS SECURE PREP OPS COMPLETE SHUT DOWN FOR NIGHT.
Total Time		24.00					
OPERATIONS - NEXT DAY							
From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
0:00	7:00	7.00	50PREP	DT	SDN	P	No Activity
Total Time		7.00					
Safety Incident?		N	Days since Last RI:			Weather Comments:	
Environ Incident?		N	Days since Last LTA				
Incident Comments: No incidents reported last 24 hours.							
Other Remarks:							

OXY USA INC

DAILY OPERATIONS PARTNER 30 HOUR REPORT

Event: DEV COMPLETION

Prim. Reason: CASSED HOLE

HELGA 19-0-4-40 A 11H

USA

Date: 05/19/2024

Report No: 4

Wellbore / Top MD: 00 @ 0 ft

Rig:

Ref Datum: HP396 30.5'KB @2,769.90ft

DFS/DOL

Today's MD: Progress:

Ground Elev: 2,739.40 ft

Daily Cost: \$8,745

Prev MD: Rot Hrs Today:

AFE MD/Days: / days

Cum Cost: \$63,815

PBMD: Avg ROP Today: 0.0 ft/hr

AFE Number: C23-02924.03.01.10

AFE Cost: \$4,753,533

Current Formation @

Lithology:

Current Ops:

24-Hr Summary:

24-Hr Forecast:

CASING/WELL CONTROL		HOOKLOAD & TORQUE		HYDRAULICS		MUD GAS		Avg	Max
Last Casing:	9.625in @ 11,125ft	Str Wt Up/Dn:	/	Pump Rate:	0.0	Conn:			
Next Casing:	9.625in @ 11,110ft	Str Wt Rot:		Pump Press:	0	Trip:			
Last BOP Press Test:		Torq Off Btm:				Backgr:			
Form Test/EMW:	FIT / 15.02 ppg	Torq On Btm:							

PERSONNEL		SURVEY DATA (LAST 6)								
Supervisor 1:	CHARLES MONTGOMERY	MD	Incl	Azi	TVD	N-S	E-W	VS	DLS	Build
Supervisor 2:		25,064.0	88.67	342.33	11,585.17	12,012.3	-4,465.4	12,815.4	0.47	-0.31
Engineer:	RYAN MCGREGOR	24,994.0	88.89	342.57	11,583.68	11,945.6	-4,444.3	12,745.5	1.55	-1.09
Geologist:		24,900.0	89.91	343.61	11,582.70	11,855.6	-4,416.9	12,651.7	0.17	0.16
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Contractor Personnel	0	24,712.0	90.17	344.01	11,582.37	11,675.2	-4,364.1	12,464.2	1.12	-0.17
Total on Site:	0	24,618.0	90.33	345.05	11,582.78	11,584.6	-4,339.0	12,370.5	2.42	0.49

BIT RECORD											
Bit No	Size	Manufacturer	Model	Part	Serial No	IADC Code	Nozzles	MD In	MD Out	I-O-D-L	B-G-O-R
										--	--

BIT OPERATING PARAMETERS TODAY												
Bit No	Rot Hrs	Cum Rot Hrs	Prog	Cum Prog	ROP	Cum ROP	WOB min/max	RPM min/max	TFA	P Drop Bit	Noz Vel	HHPSI

MUD DATA -				LAST OR CURRENT BHA				
Engineer:		MBT:						
Sample From:		pH:						
Mud Type:		Pm / Pom:						
Time / MD: /		Pf / Mf: /						
Density @ Temp: /		Chlorides:						
Rheology Temp:		Ca++ / K+: /						
Viscosity:		CaCl2:						
PV / YP: /		Cl- in water phase:						
Gels 10s/10m/30m: / /		Lime:						
API WL:		ES:						
HTHP WL:		ECD:						
Cake API / HTHP: /		n / K: /						
Solids / Sol Corr: /		Carbonate:						
Oil / Water: /		Bicarbonate:						
Oil / Water % for OWR: /		Form Loss / Cum Loss / 0.0						
Sand:		Fluid Disch: /						
Water Added:		Daily Mud Cost: \$0						
Oil Added:		Cum Mud Cost: \$0						
LGS: /								
VG Meter:								
Comments:								

MUD PRODUCTS			
Product	Number of Units	Units	Qty Used

OXY USA INC							
DAILY OPERATIONS PARTNER 30 HOUR REPORT							
Event:		DEV COMPLETION		HELGA 19-0-4-40 A 11H		Date: 05/19/2024	
Prim. Reason:		CASED HOLE		USA		Report No: 4	
OPERATIONS							
From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
0:00	7:00	7.00	50PREP	DT	SDN	P	No Activity
7:00	7:15	0.25	50PREP	SF	PJSM	P	Safety Meeting / JSA's
7:15	18:00	10.75	50PREP	ST	RUDSEQ	P	Liberty MIRU Mono-missile, Lay down containments.
18:00	0:00	6.00	50PREP	DT	SDN	P	Wait for Frac
Total Time		24.00					
OPERATIONS - NEXT DAY							
From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
0:00	6:00	6.00	50PREP	DT	SDN	P	No Activity
Total Time		6.00					
Safety Incident?		N	Days since Last RI:			Weather Comments:	
Environ Incident?		N	Days since Last LTA				
Incident Comments:							
No incidents reported last 24 hours.							
Other Remarks:							



OXY USA INC

DAILY OPERATIONS PARTNER 30 HOUR REPORT

Event: DEV COMPLETION

Prim. Reason: CASSED HOLE

HELGA 19-0-4-40 A 11H

USA

Date: 05/20/2024

Report No: 5

Wellbore / Top MD: 00 @ 0 ft

Rig:

Ref Datum: HP396 30.5'KB @2,769.90ft

DFS/DOL

Today's MD:

Progress:

Ground Elev: 2,739.40 ft

Daily Cost: \$28,939

Prev MD:

Rot Hrs Today:

AFE MD/Days: / days

Cum Cost: \$92,755

PBMD:

Avq ROP Today: 0.0 ft/hr

AFE Number: C23-02924.03.01.10

AFE Cost: \$4,753,533

Current Formation @

Lithology:

Current Ops:

24-Hr Summary:

24-Hr Forecast:

CASING/WELL CONTROL		HOOKLOAD & TORQUE		HYDRAULICS		MUD GAS		Avq	Max
Last Casing:	9.625in @ 11,125ft	Str Wt Up/Dn:	/	Pump Rate:	0.0	Conn:			
Next Casing:	9.625in @ 11,110ft	Str Wt Rot:		Pump Press:	0	Trip:			
Last BOP Press Test:		Torq Off Btm:				Backgr:			
Form Test/EMW:	FIT / 15.02 ppg	Torq On Btm:							

PERSONNEL		SURVEY DATA (LAST 6)								
		MD	Incl	Azi	TVD	N-S	E-W	VS	DLS	Build
Supervisor 1:	JUSTIN BOWERS	25,064.0	88.67	342.33	11,585.17	12,012.3	-4,465.4	12,815.4	0.47	-0.31
Supervisor 2:		24,994.0	88.89	342.57	11,583.68	11,945.6	-4,444.3	12,745.5	1.55	-1.09
Engineer:	RYAN MCGREGOR	24,900.0	89.91	343.61	11,582.70	11,855.6	-4,416.9	12,651.7	0.17	0.16
Geologist:		24,806.0	89.76	343.56	11,582.43	11,765.5	-4,390.4	12,557.9	0.65	-0.44
Oxy Personnel:	0	24,712.0	90.17	344.01	11,582.37	11,675.2	-4,364.1	12,464.2	1.12	-0.17
Contractor Personnel	0	24,618.0	90.33	345.05	11,582.78	11,584.6	-4,339.0	12,370.5	2.42	0.49
Total on Site:	0									

BIT RECORD											
Bit No	Size	Manufacturer	Model	Part	Serial No	IADC Code	Nozzles	MD In	MD Out	I-O-D-L	B-G-O-R
										--	--

BIT OPERATING PARAMETERS TODAY												
Bit No	Rot Hrs	Cum Rot Hrs	Prog	Cum Prog	ROP	Cum ROP	WOB min/max	RPM min/max	TFA	P Drop Bit	Noz Vel	HHPSI

MUD DATA -				LAST OR CURRENT BHA				
Engineer:		MBT:						
Sample From:		pH:						
Mud Type:		Pm / Pom:						
Time / MD: /		Pf / Mf: /						
Density @ Temp: /		Chlorides:						
Rheology Temp:		Ca++ / K+: /						
Viscosity:		CaCl2:						
PV / YP: /		Cl- in water phase:						
Gels 10s/10m/30m: / /		Lime:						
API WL:		ES:						
HTHP WL:		ECD:						
Cake API / HTHP: /		n / K: /						
Solids / Sol Corr: /		Carbonate:						
Oil / Water: /		Bicarbonate:						
Oil / Water % for OWR: /		Form Loss / Cum Loss / 0.0						
Sand:		Fluid Disch: /						
Water Added:		Daily Mud Cost: \$0						
Oil Added:		Cum Mud Cost: \$0						
LGS: /								
VG Meter:								
Comments:								

MUD PRODUCTS			
Product	Number of Units	Units	Qty Used

OXY USA INC							
DAILY OPERATIONS PARTNER 30 HOUR REPORT							
Event:		DEV COMPLETION		HELGA 19-0-4-40 A 11H		Date: 05/20/2024	
Prim. Reason:		CASED HOLE		USA		Report No: 5	
OPERATIONS							
From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
0:00	6:00	6.00	50PREP	DT	SDN	P	SDFN
6:00	12:00	6.00	50PREP	ST	RUDSEQ	P	CONTINUE TO MIRU FRAC & SUPPORT VENDORS & START PRE-FILL
12:00	18:00	6.00	50PREP	ST	RUDSEQ	P	FRAC / LOS: 5% RU. Blender & Scorpion on location along with 5 pumps. PDP / LOS: 0% RU WL / LOS: 30% SAND / LOS: 10% FUEL / COMANCHE: 0% RU CNG / LPI: 10% RU RESTRAINTS / CENTURION: 0% RU FLOWBACK / CENTURION: 100% RU FRAC VALVE / ZIPPER / GREASE / FESCO: 100% RU ACID TANK / CONTAINMENT / PATE: 100% RU WATER TRANSER / SWIFTWATER: 50% RU WATER TREATMENT / ORION: 20% RU. Equipment on location CRANE / ALLEGIANCE: 0% UNITED SAFETY: 50% RU BARRIERS, SIGNS / TEJAS: All on location. STALLION: 100%, RU CAMERA: 100%, RU OXY WIFI: 100%, RU
18:00	0:00	6.00	50PREP	ST	RUDSEQ	P	FRAC / LOS: 5% RU. Blender & Scorpion on location along with 8 pumps. PDP / LOS: 0% RU WL / LOS: 50% SAND / LOS: 10% FUEL / COMANCHE: 0% RU CNG / LPI: 10% RU RESTRAINTS / CENTURION: 0% RU FLOWBACK / CENTURION: 100% RU FRAC VALVE / ZIPPER / GREASE / FESCO: 100% RU ACID TANK / CONTAINMENT / PATE: 100% RU WATER TRANSER / SWIFTWATER: 50% RU WATER TREATMENT / ORION: 20% RU. Equipment on location CRANE / ALLEGIANCE: 0% UNITED SAFETY: 50% RU BARRIERS, SIGNS / TEJAS: All on location. STALLION: 100%, RU CAMERA: 100%, RU OXY WIFI: 100%, RU
Total Time		24.00					
OPERATIONS - NEXT DAY							
From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
0:00			50PREP	ST		P	
Total Time		0.00					
Safety Incident?		N		Days since Last RI:		Weather Comments:	
Environ Incident?		N		Days since Last LTA			
Incident Comments: No incidents reported last 24 hours.							
Other Remarks:							

**Date:** 05/21/2024  
**Report No:** 6

Current Formation	@	Lithology:
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**Current Ops:**

**Current Ops:**

**24-Hr Summary:**

#### 24-Hr Forecast:

PERSONNEL		SURVEY DATA (LAST 6)								
Supervisor 1:	JUSTIN BOWERS	MD	Incl	Azi	TVD	N/-S	E/-W	VS	DLS	Build
Supervisor 2:		25,064.0	88.67	342.33	11,585.17	12,012.3	-4,465.4	12,815.4	0.47	-0.31
Engineer:	RYAN MCGREGOR	24,994.0	88.89	342.57	11,583.68	11,945.6	-4,444.3	12,745.5	1.55	-1.09
Geologist:		24,900.0	89.91	343.61	11,582.70	11,855.6	-4,416.9	12,651.7	0.17	0.16
Oxy Personnel:	0	24,806.0	89.76	343.56	11,582.43	11,765.5	-4,390.4	12,557.9	0.65	-0.44
Contractor Personnel	0	24,712.0	90.17	344.01	11,582.37	11,675.2	-4,364.1	12,464.2	1.12	-0.17
Total on Site:	0	24,618.0	90.33	345.05	11,582.78	11,584.6	-4,339.0	12,370.5	2.42	0.49

BIT OPERATING PARAMETERS TODAY												
Bit No	Rot Hrs	Cum Rot Hrs	Prog	Cum Prog	ROP	Cum ROP	WOB min/max	RPM min/max	TFA	P Drop Bit	Noz Vel	HHPSI

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VG Meter:	
Comments:	

5/22/2024 9:01:13AM Page 1 of 3

OXY USA INC							
DAILY OPERATIONS PARTNER 30 HOUR REPORT							
Event:		DEV COMPLETION		HELGA 19-0-4-40 A 11H		Date:	05/21/2024
Prim. Reason:		CASED HOLE		USA		Report No:	6
OPERATIONS							
From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
0:00	12:00	12.00	50PREP	ST	RUDSEQ	P	FRAC / LOS: 15% RU. Backside RU, 8 pumps RU PDP / LOS: 25% RU WL / LOS: 90% RU, Ready to PU lube SAND / LOS: 75% RU, Prefill Complete FUEL / COMANCHE: 20% RU, Spotting equipment @ TOR CNG / LPI: 00% RU, Only 1 PRS RESTRAINTS / CENTURION: 10% RU FLOWBACK / CENTURION: 100% RU FRAC VALVE / ZIPPER / GREASE / FESCO: 100% RU ACID TANK / CONTAINMENT / PATE: 100% RU, 2 Loads Delivered WATER TRANSER / SWIFTWATER: 50% RU, PSI tested, need to rate test WATER TREATMENT / ORION: 60% RU. Equipment spotted CRANE / ALLEGIANCE: 100% UNITED SAFETY: 80% RU BARRIERS, SIGNS / TEJAS: 40%RU, Setting up @ TOR STALLION: 100%, RU CAMERA: 100%, RU OXY WIFI: 100%, RU PLAN FORWARD: Continue to RU Eclipse Frac and Support Equipment.
12:00	18:00	6.00	50PREP	ST	RUDSEQ	P	FRAC / LOS: 65% RU. Backside RU PDP / LOS: 90% RU WL / LOS: 90% RU, Ready to PU lube SAND / LOS: 95% RU, Prefill Complete FUEL / COMANCHE: 90% RU, Spotting equipment @ TOR CNG / LPI: 40% RU RESTRAINTS / CENTURION: 90% RU FLOWBACK / CENTURION: 100% RU FRAC VALVE / ZIPPER / GREASE / FESCO: 100% RU ACID TANK / CONTAINMENT / PATE: 100% RU, 2 Loads Delivered WATER TRANSER / SWIFTWATER: 70% RU, PSI tested, need to rate test WATER TREATMENT / ORION: 80% RU. Equipment spotted CRANE / ALLEGIANCE: 100% UNITED SAFETY: 100% RU BARRIERS, SIGNS / TEJAS: 80%RU, Setting up @ TOR STALLION: 100%, RU CAMERA: 100%, RU OXY WIFI: 100%, RU PLAN FORWARD: Continue to RU Eclipse Frac and Support Equipment.
18:00	0:00	6.00	50PREP	ST	RUDSEQ	P	FRAC / LOS: 90% RU. PDP / LOS: 90% RU WL / LOS: 90% RU, PU LUB AT TOR SAND / LOS: 100% RU, Prefill Complete FUEL / COMANCHE: 90% RU, Spotting equipment @ TOR CNG / LPI: 90% RU RESTRAINTS / CENTURION: 100% RU FLOWBACK / CENTURION: 100% RU FRAC VALVE / ZIPPER / GREASE / FESCO: 100% RU ACID TANK / CONTAINMENT / PATE: 100% RU, 2 Loads Delivered WATER TRANSER / SWIFTWATER: 100% RU, PSI tested, need to rate test WATER TREATMENT / ORION: 100% RU. Equipment spotted CRANE / ALLEGIANCE: 100% UNITED SAFETY: 100% RU BARRIERS, SIGNS / TEJAS: 100%RU STALLION: 100%, RU CAMERA: 100%, RU OXY WIFI: 100%, RU PLAN FORWARD: Continue to RU Eclipse Frac and Support Equipment.
Total Time		24.00					

OXY USA INC							
DAILY OPERATIONS PARTNER 30 HOUR REPORT							
Event:		DEV COMPLETION		HELGA 19-0-4-40 A 11H		Date: 05/21/2024	
Prim. Reason:		CASED HOLE		USA		Report No: 6	
OPERATIONS - NEXT DAY							
From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
0:00	6:00	6.00	50PREP	ST	RUDSEQ	P	Helga 19-0-4-40 A11H / B12H / C13H REVISION 0 PREP OPERATIONS WSM DAYS – Justin Bowers, Alex Hull WSM NIGHT – Roland Gutierrez, Reggie Miles CE – Ryan McGregor 18:00 – 00:00 BUSINESS PARTNER / VENDER: CURRENT STATUS FRAC / LOS: 90% RU. PDP / LOS: 90% RU WL / LOS: 90% RU, PU LUB AT TOR SAND / LOS: 100% RU, Prefill Complete FUEL / COMANCHE: 90% RU, Spotting equipment @ TOR CNG / LPI: 90% RU RESTRAINTS / CENTURION: 100% RU FLOWBACK / CENTURION: 100% RU FRAC VALVE / ZIPPER / GREASE / FESCO: 100% RU ACID TANK / CONTAINMENT / PATE: 100% RU, 2 Loads Delivered WATER TRANSER / SWIFTWATER: 100% RU, PSI tested, need to rate test WATER TREATMENT / ORION: 100% RU. Equipment spotted CRANE / ALLEGIANCE: 100% UNITED SAFETY: 100% RU BARRIERS, SIGNS / TEJAS: 100%RU STALLION: 100%, RU CAMERA: 100%, RU OXY WIFI: 100%, RU PLAN FORWARD: Continue to RU Eclipse Frac and Support Equipment.
Total Time		6.00					
Safety Incident?		N		Days since Last RI:		Weather Comments:	
Environ Incident?		N		Days since Last LTA			
Incident Comments:		No incidents reported last 24 hours.					
Other Remarks:							

**Date:** 05/22/2024  
**Report No:** 7

Current Formation	@	Lithology:
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Current Ops:

24-Hr Summary: FRAC STAGE 1-X OF 51

24-Hr Forecast:

PERSONNEL		SURVEY DATA (LAST 6)								
Supervisor 1:	JUSTIN BOWERS	MD	Incl	Azi	TVD	N-S	E-W	VS	DLS	Build
Supervisor 2:		25,064.0	88.67	342.33	11,585.17	12,012.3	-4,465.4	12,815.4	0.47	-0.31
Engineer:	RYAN MCGREGOR	24,994.0	88.89	342.57	11,583.68	11,945.6	-4,444.3	12,745.5	1.55	-1.09
Geologist:		24,900.0	89.91	343.61	11,582.70	11,855.6	-4,416.9	12,651.7	0.17	0.16
Oxy Personnel:	0	24,806.0	89.76	343.56	11,582.43	11,765.5	-4,390.4	12,557.9	0.65	-0.44
Contractor Personnel	0	24,712.0	90.17	344.01	11,582.37	11,675.2	-4,364.1	12,464.2	1.12	-0.17
Total on Site:	0	24,618.0	90.33	345.05	11,582.78	11,584.6	-4,339.0	12,370.5	2.42	0.49

BIT OPERATING PARAMETERS TODAY												
Bit No	Rot Hrs	Cum Rot Hrs	Prog	Cum Prog	ROP	Cum ROP	WOB min/max	RPM min/max	TFA	P Drop Bit	Noz Vel	HHPSI

MUD DATA -	LAST OR CURRENT BHA
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Mud Data		Lost Circulation Data				
Engineer:	MBT:					
Sample From:	pH:					
Mud Type:	Pm / Pom:					
Time / MD: /	Pf / Mf: /	Component	OD	ID	Jts	Length
Density @ Temp: /	Chlorides:					
Rheology Temp:	Ca++ / K+: /					
Viscosity:	CaCl2:					
PV / YP: /	Cl- in water phase:					
Gels 10s/10m/30m: / /	Lime:					
API WL:	ES:					
HTHP WL:	ECD:					
Cake API / HTHP: /	n / K: /					
Solids / Sol Corr: /	Carbonate:					
Oil / Water: /	Bicarbonate:					
Oil / Water % for OWR: /	Form Loss / Cum Loss / 0.0					
Sand:	Fluid Disch: /					
Water Added:	Daily Mud Cost: \$0					
Oil Added:	Cum Mud Cost: \$0					
LGS: /						

VG Meter:	
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Comments:	
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[illegible]

<div>OXY USA INC</div> <div>DAILY OPERATIONS PARTNER 30 HOUR REPORT</div> <div> <div> <div>Event:</div> <div>DEV COMPLETION</div> </div> <div> <div>Prim. Reason:</div> <div>CASED HOLE</div> </div> <div> <div>HELGA 19-0-4-40 A 11H</div> <div>USA</div> </div> <div> <div>Date:</div> <div>05/22/2024</div> </div> <div> <div>Report No:</div> <div>7</div> </div> </div>							
OPERATIONS							
From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
0:00	6:00	6.00	50PREP	ST	RUDSEQ	P	<div>Helga 19-0-4-40 A11H / B12H / C13H</div> <div>REVISION 0</div> <div>PREP OPERATIONS</div> <div>WSM DAYS – Justin Bowers, Alex Hull</div> <div>WSM NIGHT – Roland Gutierrez, Reggie Miles</div> <div>CE – Ryan McGregor</div> <div>18:00 – 00:00</div> <div>BUSINESS PARTNER / VENDER: CURRENT STATUS</div> <div>FRAC / LOS: 90% RU.</div> <div>PDP / LOS: 90% RU</div> <div>WL / LOS: 90% RU, PU LUB AT TOR</div> <div>SAND / LOS: 100% RU, Prefill Complete</div> <div>FUEL / COMANCHE: 90% RU, Spotting equipment @ TOR</div> <div>CNG / LPI: 90% RU</div> <div>RESTRAINTS / CENTURION: 100% RU</div> <div>FLOWBACK / CENTURION: 100% RU</div> <div>FRAC VALVE / ZIPPER / GREASE / FESCO: 100% RU</div> <div>ACID TANK / CONTAINMENT / PATE: 100% RU, 2 Loads Delivered</div> <div>WATER TRANSER / SWIFTWATER: 100% RU, PSI tested, need to rate test</div> <div>WATER TREATMENT / ORION: 100% RU. Equipment spotted</div> <div>CRANE / ALLEGIANCE: 100%</div> <div>UNITED SAFETY: 100% RU</div> <div>BARRIERS, SIGNS / TEJAS: 100%RU</div> <div>STALLION: 100%, RU</div> <div>CAMERA: 100%, RU</div> <div>OXY WIFI: 100%, RU</div> <div>PLAN FORWARD: Continue to RU Eclipse Frac and Support Equipment.</div>
6:00	9:10	3.17	50PREP	ST	RUDSEQ	P	<div>FIX COMMS ISSUES WITH PUMPS, FINISH NU REEL POWER ADAPTERS, PRIME AND</div> <div>PRESSURE TEST FRAC AND PD EQUIPMENT</div>
9:10	9:45	0.58	50PREP	PT	PIPE	P	PRESSURE TEST CASING AT 6800 PSI FOR 30 MINUTES
9:45	10:00	0.25	50PREP	CW	OPENTOE	P	<div>TOE OPEN: (YES/NO)</div> <div>TOE TOOL DEPTH: 24973 FT</div> <div>MAX PSI: 9456 PSI</div> <div>DESIGN OPEN PSI: 8438 PSI</div> <div>DESIGN OPEN METHOD: (SUSTAINED PRESSURE/ INJECTION TEST)</div> <div>INJECTION RATE: 32 BPM</div> <div>INJECTION PRESSURE: 9100 PSI</div> <div>VOLUME PUMPED: 338 BBLs</div> <div>MANUFACTURER: (INNOVEX BIG BORE ORIO III)</div>
10:00	12:44	2.73	50PREP	ST	RUDSTACK	P	REPLACE SHEARED BOLTS ON UMW HYDRAULIC CYLINDER
12:44	13:57	1.22	50PREP	ST	ACID	P	<div>Stage 0 of Acid</div> <div>{No significant deviations from design.}</div> <div>Avg Rate: 20 bpm</div> <div>Max Rate: 20 bpm</div> <div>Avg Pres: 8115 psi</div> <div>Max Pres: 8292 psi</div> <div>Acid Type: HCR-7000</div> <div>Acid Conc: 33%</div> <div>Acid Vol: 59.5 bbl</div> <div>ISIP: 4400 psi</div> <div>Prod Water: bbl</div> <div>Fresh Water: bbl</div> <div>Brackish Water: 825 bbl</div>
13:57	17:00	3.05	50PREP	DT	WOOW	P	WOOW
17:00	17:30	0.50	50PREP	WL	HOWL	P	HOWL

OXY USA INC							
DAILY OPERATIONS PARTNER 30 HOUR REPORT							
Event:		DEV COMPLETION		HELGA 19-0-4-40 A 11H		Date: 05/22/2024	
Prim. Reason:		CASED HOLE		USA		Report No: 7	
From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
17:30	20:55	3.42	50PREP	WL	PERF	P	Stage 1 of 51 Plug & Perf {No significant changes from design. All shots fired on depth.} Itvl: 24735 - 24963 ft Plug Depth: ft Avg Rate: 21 bpm Max Rate: 22 bpm Avg Pres: 8136 psi Max Pres: 8401 psi PD Vol: 1226 bbl / 2500 GAL HCR 7000 PD Tension: 1050 lbs Water Type: {Brackish} Plug Type: {NO PLUG} Plug Manufacturer: 0 WL Misrun: {0} WL Misrun Comments: {None}
20:55	0:00	3.08	50PREP	DT	WOOW	P	WOOW
Total Time		24.00					
OPERATIONS - NEXT DAY							
From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
0:00	0:05	0.08	50PREP	DT	WOOW	P	WOOW
0:05	0:05	0.00	50PREP	ST	HOFRAC	P	HOFRAC
0:05	3:08	3.05	50STIM	ST	FRAC	P	Stage 1 of 51 Frac {SMART TRANSITION/LOST BLENDER DURING 1 PPG} Open Pres: 5026 psi Avg Rate: 88.9 bpm Max Rate: 100.7 bpm Avg Pres: 8749 psi Max Pres: 9130 psi Proppant: 632540 lbs % Placed: 100.0% 100 Mesh White: 0 lbs 100 Mesh Regional: 632540 lbs 40/70 White: 0 lbs 40/70 Regional: 0 lbs Clean Vol: 13658 bbl ISIP: 5850 psi Prod Water: 0 bbl Fresh Water: 0 bbl Brackish Water: 13658 bbl Fluid Type: {SW/HVFR} Screen Out: {No} % Substitution: 49.7 % Diesel Volume: 1910 gal Gas Volume: 259000 scf
3:08	5:01	1.88	50STIM	DT	WOWL	PT	LOGGER HAD ISSUES WITH THE GENERATOR
5:01			50STIM	DT	WOOW	P	WOOW
Total Time		5.02					
Safety Incident?		N	Days since Last RI:			Weather Comments:	
Environ Incident?		N	Days since Last LTA				
Incident Comments:		No incidents reported last 24 hours.					
Other Remarks:							



OXY USA INC

DAILY OPERATIONS PARTNER 30 HOUR REPORT

Event: DEV COMPLETION

Prim. Reason: CASSED HOLE

HELGA 19-0-4-40 A 11H

USA

Date: 05/23/2024

Report No: 8

Wellbore / Top MD: 00 @ 0 ft

Rig: LIBERTY LOS ECLIPSE

Ref Datum: HP396 30.5'KB @2,769.90ft

DFS/DOL

Today's MD:

Progress:

Ground Elev: 2,739.40 ft

Daily Cost: \$140,954

Prev MD:

Rot Hrs Today:

AFE MD/Days: / days

Cum Cost: \$288,789

PBMD:

Avq ROP Today: 0.0 ft/hr

AFE Number: C23-02924.03.01.10

AFE Cost: \$4,753,533

Current Formation @

Lithology:

Current Ops: ZIPPER OPS

24-Hr Summary: FRAC STAGES 1-2 OF 51

24-Hr Forecast: 24 HR ZIPPER OPS

CASING/WELL CONTROL		HOOKLOAD & TORQUE		HYDRAULICS		MUD GAS		Avq	Max
Last Casing:	9.625in @ 11,125ft	Str Wt Up/Dn:	/	Pump Rate:	0.0	Conn:			
Next Casing:	9.625in @ 11,110ft	Str Wt Rot:		Pump Press:	0	Trip:			
Last BOP Press Test:		Torq Off Btm:				Backgr:			
Form Test/EMW:	FIT / 15.02 ppg	Torq On Btm:							

PERSONNEL		SURVEY DATA (LAST 6)								
		MD	Incl	Azi	TVD	N-S	E-W	VS	DLS	Build
Supervisor 1:	CHRISTOPHER JONES	25,064.0	88.67	342.33	11,585.17	12,012.3	-4,465.4	12,815.4	0.47	-0.31
Supervisor 2:	ALEX SMITH	24,994.0	88.89	342.57	11,583.68	11,945.6	-4,444.3	12,745.5	1.55	-1.09
Engineer:	RYAN MCGREGOR	24,900.0	89.91	343.61	11,582.70	11,855.6	-4,416.9	12,651.7	0.17	0.16
Geologist:		24,806.0	89.76	343.56	11,582.43	11,765.5	-4,390.4	12,557.9	0.65	-0.44
Oxy Personnel:	0	24,712.0	90.17	344.01	11,582.37	11,675.2	-4,364.1	12,464.2	1.12	-0.17
Contractor Personnel	0	24,618.0	90.33	345.05	11,582.78	11,584.6	-4,339.0	12,370.5	2.42	0.49
Total on Site:	0									

BIT RECORD											
Bit No	Size	Manufacturer	Model	Part	Serial No	IADC Code	Nozzles	MD In	MD Out	I-O-D-L	B-G-O-R
										--	--

BIT OPERATING PARAMETERS TODAY												
Bit No	Rot Hrs	Cum Rot Hrs	Prog	Cum Prog	ROP	Cum ROP	WOB min/max	RPM min/max	TFA	P Drop Bit	Noz Vel	HHPSI

MUD DATA -				LAST OR CURRENT BHA				
Engineer:		MBT:						
Sample From:		pH:						
Mud Type:		Pm / Pom:						
Time / MD: /		Pf / Mf:	/					
Density @ Temp: /		Chlorides:						
Rheology Temp:		Ca++ / K+:	/					
Viscosity:		CaCl2:						
PV / YP:	/	Cl- in water phase:						
Gels 10s/10m/30m: / /		Lime:						
API WL:		ES:						
HTHP WL:		ECD:						
Cake API / HTHP: /		n / K:	/					
Solids / Sol Corr: /		Carbonate:						
Oil / Water: /		Bicarbonate:						
Oil / Water % for OWR: /		Form Loss / Cum Loss	/ 0.0					
Sand:		Fluid Disch:	/					
Water Added:		Daily Mud Cost:	\$0					
Oil Added:		Cum Mud Cost:	\$0					
LGS:	/							
VG Meter:								
Comments:								

MUD PRODUCTS			
Product	Number of Units	Units	Qty Used

<div>OXY USA INC</div> <div>DAILY OPERATIONS PARTNER 30 HOUR REPORT</div> <div> <div> <div>Event:</div> <div>DEV COMPLETION</div> </div> <div> <div>Prim. Reason:</div> <div>CASED HOLE</div> </div> <div> <div>HELGA 19-0-4-40 A 11H</div> <div>USA</div> </div> <div> <div>Date:</div> <div>05/23/2024</div> </div> <div> <div>Report No:</div> <div>8</div> </div> </div>							
OPERATIONS							
From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
0:00	0:05	0.08	50PREP	DT	WOOW	P	WOOW
0:05	0:05	0.00	50PREP	ST	HOFRAC	P	HOFRAC
0:05	3:08	3.05	50STIM	ST	FRAC	P	Stage 1 of 51 Frac {SMART TRANSITION/LOST BLENDER DURING 1 PPG} Open Pres: 5026 psi Avg Rate: 88.9 bpm Max Rate: 100.7 bpm Avg Pres: 8749 psi Max Pres: 9130 psi Proppant: 632540 lbs % Placed: 100.0% 100 Mesh White: 0 lbs 100 Mesh Regional: 632540 lbs 40/70 White: 0 lbs 40/70 Regional: 0 lbs Clean Vol: 13658 bbl ISIP: 5850 psi Prod Water: 0 bbl Fresh Water: 0 bbl Brackish Water: 13658 bbl Fluid Type: {SW/HVFR} Screen Out: {No} % Substitution: 49.7 % Diesel Volume: 1910 gal Gas Volume: 259000 scf
3:08	5:01	1.88	50STIM	DT	WOWL	PT	LOGGER HAD ISSUES WITH THE GENERATOR
5:01	13:15	8.23	50STIM	DT	WOOW	P	WOOW
13:15	13:19	0.07	50STIM	WL	HOWL	P	HOWL
13:19	15:50	2.52	50STIM	WL	PERF	P	Stage 2 of 51 Plug & Perf {G10 +2. All other shots fired on depth} Itvl: 24483 - 24709 ft Plug Depth: 24722 ft Avg Rate: 22 bpm Max Rate: 23 bpm Avg Pres: 7108 psi Max Pres: 7713 psi PD Vol: 795 bbl / 2500 GAL HCR 7000 PD Tension: 870 lbs Water Type: {Produced} Plug Type: {BUBBA} Plug Manufacturer: INNOVEX WL Misrun: {No} WL Misrun Comments: {None}
15:50	16:24	0.57	50STIM	DT	WOOW	P	WOOW
16:24	16:24	0.00	50STIM	ST	HOFRAC	P	HOFRAC

OXY USA INC

DAILY OPERATIONS PARTNER 30 HOUR REPORT

Event: DEV COMPLETION

HELGA 19-0-4-40 A 11H

Date: 05/23/2024

Prim. Reason: CASSED HOLE

USA

Report No: 8

From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
16:24	19:37	3.22	50STIM	ST	FRAC	P	Stage 2 of 51 Frac {SMART TRANSITION} Open Pres: 4269 psi Avg Rate: 90.3 bpm Max Rate: 91.9 bpm Avg Pres: 8765 psi Max Pres: 9053 psi Proppant: 644910 lbs % Placed: 100.0% 100 Mesh White: 0 lbs 100 Mesh Regional: 644910 lbs 40/70 White: 0 lbs 40/70 Regional: 0 lbs Clean Vol: 14410 bbl ISIP: 5658 psi Prod Water: 12969 bbl Fresh Water: 0 bbl Brackish Water: 1441 bbl Fluid Type: {SW/HVFR} Screen Out: {No} % Substitution: 66.2 % Diesel Volume: 1336 gal Gas Volume: 360000 scf
19:37	21:35	1.97	50STIM	DT	WOOW	P	WOOW
21:35	22:00	0.42	50STIM	WL	HOWL	P	HOWL
22:00	0:00	2.00	50STIM	WL	PERF	P	WL RIH STAGE 3
Total Time		24.00					

5/24/20248:35:12AMPage 3 of 4

OXY USA INC							
DAILY OPERATIONS PARTNER 30 HOUR REPORT							
Event:		DEV COMPLETION		HELGA 19-0-4-40 A 11H		Date: 05/23/2024	
Prim. Reason:		CASED HOLE		USA		Report No: 8	
OPERATIONS - NEXT DAY							
From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
0:00	0:25	0.42	50STIM	WL	PERF	P	Stage 3 of 51 Plug & Perf {No significant changes from design. All shots fired on depth.} Itvl: 24227 - 24455 ft Plug Depth: 24468 ft Avg Rate: 19 bpm Max Rate: 20 bpm Avg Pres: 6483 psi Max Pres: 6918 psi PD Vol: 707 bbl / 2500 GAL HCR 7000 PD Tension: 950 lbs Water Type: {Produced} Plug Type: {BUBBA} Plug Manufacturer: INNOVEX WL Misrun: {No} WL Misrun Comments: {None}
0:25	0:30	0.08	50STIM	DT	WOOW	P	WOOW
0:30	0:30	0.00	50STIM	ST	HOFRAC	P	HOFRAC
0:30	3:15	2.75	50STIM	ST	FRAC	P	Stage 3 of 51 Frac {SMART TRANSITION/LOW GAS SUB DUE TO LPI DOWN TO 1 CNG TRAILER DURING STAGE} Open Pres: 4541 psi Avg Rate: 90.8 bpm Max Rate: 95.9 bpm Avg Pres: 8767 psi Max Pres: 9168 psi Proppant: 637450 lbs % Placed: 100.0% 100 Mesh White: 0 lbs 100 Mesh Regional: 637450 lbs 40/70 White: 0 lbs 40/70 Regional: 0 lbs Clean Vol: 12829 bbl ISIP: 5812 psi Prod Water: 12829 bbl Fresh Water: 0 bbl Brackish Water: 0 bbl Fluid Type: {SW/HVFR} Screen Out: {No} % Substitution: 27.9 % Diesel Volume: 2159 gal Gas Volume: 115000 scf
3:15	3:45	0.50	50STIM	DT	WOWL	PT	WOWL DUE TO ISSUES WITH REELPOWER
3:45	7:48	4.05	50STIM	DT	WOOW	P	WOOW
Total Time		7.80					
Safety Incident?		N		Days since Last RI:		Weather Comments:	
Environ Incident?		N		Days since Last LTA			
Incident Comments: No incidents reported last 24 hours.							
Other Remarks:							

**Date:** 05/24/2024  
**Report No:** 9

Current Formation	@	Lithology:
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Current Ops:	ZIPPER OPS
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24-Hr Summary: FRAC STAGES 3-4 OF 51

24-Hr Summary:	ZIPPER OPS
24-Hr Forecast:	ZIPPER OPS

PERSONNEL		SURVEY DATA (LAST 6)								
Supervisor 1:	CHRISTOPHER JONES	MD	Incl	Azi	TVD	N/-S	E/-W	VS	DLS	Build
Supervisor 2:	ALEX SMITH	25,064.0	88.67	342.33	11,585.17	12,012.3	-4,465.4	12,815.4	0.47	-0.31
Engineer:	RYAN MCGREGOR	24,994.0	88.89	342.57	11,583.68	11,945.6	-4,444.3	12,745.5	1.55	-1.09
Geologist:		24,900.0	89.91	343.61	11,582.70	11,855.6	-4,416.9	12,651.7	0.17	0.16
Oxy Personnel:	0	24,806.0	89.76	343.56	11,582.43	11,765.5	-4,390.4	12,557.9	0.65	-0.44
Contractor Personnel	0	24,712.0	90.17	344.01	11,582.37	11,675.2	-4,364.1	12,464.2	1.12	-0.17
Total on Site:	0	24,618.0	90.33	345.05	11,582.78	11,584.6	-4,339.0	12,370.5	2.42	0.49

BIT OPERATING PARAMETERS TODAY												
Bit No	Rot Hrs	Cum Rot Hrs	Prog	Cum Prog	ROP	Cum ROP	WOB min/max	RPM min/max	TFA	P Drop Bit	Noz Vel	HHPSI

MUD DATA -	LAST OR CURRENT BHA
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Engineer:	MBT:					
Sample From:	pH:					
Mud Type:	Pm / Pom:					
Time / MD: /	Pf / Mf: /	Component	OD	ID	Jts	Length
Density @ Temp: /	Chlorides:					
Rheology Temp:	Ca++ / K+: /					
Viscosity:	CaCl2:					
PV / YP: /	Cl- in water phase:					
Gels 10s/10m/30m: / /	Lime:					
API WL:	ES:					
HTHP WL:	ECD:					
Cake API / HTHP: /	n / K: /					
Solids / Sol Corr: /	Carbonate:					
Oil / Water: /	Bicarbonate:					
Oil / Water % for OWR: /	Form Loss / Cum Loss / 0.0					
Sand:	Fluid Disch: /					
Water Added:	Daily Mud Cost: \$0					
Oil Added:	Cum Mud Cost: \$0					
LGS: /						

<b>VG Meter:</b>	
<b>Comments:</b>	

[illegible]

OXY USA INC							
DAILY OPERATIONS PARTNER 30 HOUR REPORT							
Event:		DEV COMPLETION		HELGA 19-0-4-40 A 11H		Date:	05/24/2024
Prim. Reason:		CASED HOLE		USA		Report No:	9
OPERATIONS							
From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
0:00	0:25	0.42	50STIM	WL	PERF	P	Stage 3 of 51 Plug & Perf {No significant changes from design. All shots fired on depth.} Itvl: 24227 - 24455 ft Plug Depth: 24468 ft Avg Rate: 19 bpm Max Rate: 20 bpm Avg Pres: 6483 psi Max Pres: 6918 psi PD Vol: 707 bbl / 2500 GAL HCR 7000 PD Tension: 950 lbs Water Type: {Produced} Plug Type: {BUBBA} Plug Manufacturer: INNOVEX WL Misrun: {No} WL Misrun Comments: {None}
0:25	0:30	0.08	50STIM	DT	WOOW	P	WOOW
0:30	0:30	0.00	50STIM	ST	HOFRAC	P	HOFRAC
0:30	3:15	2.75	50STIM	ST	FRAC	P	Stage 3 of 51 Frac {SMART TRANSITION/LOW GAS SUB DUE TO LPI DOWN TO 1 CNG TRAILER DURING STAGE} Open Pres: 4541 psi Avg Rate: 90.8 bpm Max Rate: 95.9 bpm Avg Pres: 8767 psi Max Pres: 9168 psi Proppant: 637450 lbs % Placed: 100.0% 100 Mesh White: 0 lbs 100 Mesh Regional: 637450 lbs 40/70 White: 0 lbs 40/70 Regional: 0 lbs Clean Vol: 12829 bbl ISIP: 5812 psi Prod Water: 12829 bbl Fresh Water: 0 bbl Brackish Water: 0 bbl Fluid Type: {SW/HVFR} Screen Out: {No} % Substitution: 27.9 % Diesel Volume: 2159 gal Gas Volume: 115000 scf
3:15	3:45	0.50	50STIM	DT	WOWL	PT	WOWL DUE TO ISSUES WITH REELPOWER
3:45	7:48	4.05	50STIM	DT	WOOW	P	WOOW
7:48	7:54	0.10	50STIM	WL	HOWL	P	HOWL
7:54	10:05	2.18	50STIM	WL	PERF	P	Stage 4 of 51 Plug & Perf {G2 -3. All other shots fired on depth} Itvl: 23973 - 24201 ft Plug Depth: 24214 ft Avg Rate: 20 bpm Max Rate: 20 bpm Avg Pres: 6397 psi Max Pres: 6888 psi PD Vol: 790 bbl / 2500 GAL HCR 7000 PD Tension: 925 lbs Water Type: {Produced} Plug Type: {BUBBA} Plug Manufacturer: INNOVEX WL Misrun: {No} WL Misrun Comments: {None}
10:05	10:35	0.50	50STIM	SF	PTSM	PT	LIBERTY FIRE DRILL
10:35	10:39	0.07	50STIM	ST	HOFRAC	P	HOFRAC

**Date:** 05/24/2024  
**Report No:** 9

From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
10:39	13:12	2.55	50STIM	ST	FRAC	P	Stage 4 of 51 Frac {No significant deviations from design} Open Pres: 4335 psi Avg Rate: 91 bpm Max Rate: 96 bpm Avg Pres: 8934 psi Max Pres: 9226 psi Proppant: 641070 lbs % Placed: 100.0% 100 Mesh White: 0 lbs 100 Mesh Regional: 641070 lbs 40/70 White: 0 lbs 40/70 Regional: 0 lbs Clean Vol: 12062 bbl ISIP: 5390 psi Prod Water: 12062 bbl Fresh Water: 0 bbl Brackish Water: 0 bbl Fluid Type: {SW/HVFR} Screen Out: {No} % Substitution: 64.0 % Diesel Volume: 1200 gal Gas Volume: 289000 scf
13:12	13:52	0.67	50STIM	DT	WOWL	PT	WAIT ON WL / LOST SWITCHES AT 200' POOH SWAPPED OUT BRT
13:52	16:12	2.33	50STIM	DT	WOOW	P	WOOW
16:12	16:30	0.30	50STIM	WL	HOWL	P	HOWL
16:30	18:55	2.42	50STIM	WL	PERF	P	Stage 5 of 51 Plug & Perf {PLUG -4,G9-2. All other shots fired on depth} Itvl: 23719 - 23947 ft Plug Depth: 23956 ft Avg Rate: 19 bpm Max Rate: 20 bpm Avg Pres: 6469 psi Max Pres: 6910 psi PD Vol: 730 bbl / 2500 GAL HCR 7000 PD Tension: 950 lbs Water Type: {Produced} Plug Type: {BUBBA} Plug Manufacturer: INNOVEX WL Misrun: {No} WL Misrun Comments: {None}
18:55	19:00	0.08	50STIM	ST	HOFRAC	P	HOFRAC
19:00	22:14	3.23	50STIM	ST	HOFRAC	PT	REPLACING ONE OF SWIFTWATER'S SECTIONS OF LINE THAT IS BAD
22:14	0:00	1.77	50STIM	ST	FRAC	P	START OF STAGE 5
Total Time		24.00					

OXY USA INC

DAILY OPERATIONS PARTNER 30 HOUR REPORT

Event: DEV COMPLETION

Prim. Reason: CASSED HOLE

HELGA 19-0-4-40 A 11H

USA

Date: 05/24/2024

Report No: 9

OPERATIONS - NEXT DAY

From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
0:00	0:59	0.98	50STIM	ST	FRAC	P	Stage 5 of 51 Frac {No significant deviations from design} Open Pres: 4443 psi Avg Rate: 88.5 bpm Max Rate: 92.8 bpm Avg Pres: 8810 psi Max Pres: 9188 psi Proppant: 642020 lbs % Placed: 100.0% 100 Mesh White: 0 lbs 100 Mesh Regional: 642020 lbs 40/70 White: 0 lbs 40/70 Regional: 0 lbs Clean Vol: 12629 bbl ISIP: 5793 psi Prod Water: 12629 bbl Fresh Water: 0 bbl Brackish Water: 0 bbl Fluid Type: {SW/HVFR} Screen Out: {No} % Substitution: 53.9 % Diesel Volume: 1822 gal Gas Volume: 293000 scf
0:59	2:38	1.65	50STIM	DT	WOOW	P	WOOW
2:38	3:04	0.43	50STIM	WL	HOWL	P	HOWL
3:04	5:26	2.37	50STIM	WL	PERF	P	Stage 6 of 51 Plug & Perf {No significant changes from design. All shots fired on depth.} Itvl: 23465 - 23693 ft Plug Depth: 23706 ft Avg Rate: 20 bpm Max Rate: 20 bpm Avg Pres: 6513 psi Max Pres: 6906 psi PD Vol: 713 bbl / 2500 GAL HCR 7000 PD Tension: 890 lbs Water Type: {Produced} Plug Type: {BUBBA} Plug Manufacturer: INNOVEX WL Misrun: {No} WL Misrun Comments: {None}
5:26	5:29	0.05	50STIM	ST	HOFRAC	P	HOFRAC

5/25/2024

8:12:22AM

Page 4 of 5



## DAILY OPERATIONS PARTNER 30 HOUR REPORT

Event: DEV COMPLETION

HELGA 19-0-4-40 A 11H

Date: 05/24/2024

Prim. Reason: Cased Hole

USA

Report No: 9

5:29	8:02	2.55	50STIM	ST	FRAC	P	Stage # of # Frac {State any significant deviations from design, or the following: No significant deviations from design.} Open Pres: # psi Avg Rate: # bpm Max Rate: # bpm Avg Pres: # psi Max Pres: # psi Proppant: # lbs % Placed: # % 100 Mesh White: # lbs 100 Mesh Regional: # lbs 40/70 White: # lbs 40/70 Regional: # lbs Clean Vol: # bbl ISIP: # psi Prod Water: # bbl Fresh Water: # bbl Brackish Water: # bbl Fluid Type: {SW/HVFR/LG/XL} Screen Out: {Yes/No} % Substitution: # % Diesel Volume: # gals Gas Volume: # scf
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Total Time 8.03

Safety Incident?	N	Days since Last RI:	Weather Comments:
Environ Incident?	N	Days since Last LTA	
Incident Comments: No incidents reported last 24 hours.			

Other Remarks:

**Date:** 05/25/2024  
**Report No:** 10

Current Formation	@	Lithology:
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Current Ops:	ZIPPER OPS
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24 Hr Summary: FBAC STAGE 5-7 OF 41

24-Hr Summary:	THRS STAGE 07 CRIT
24-Hr Forecast:	ZIPPER OPS

PERSONNEL	SURVEY DATA (LAST 6)
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**BIT RECORD**

## BIT OPERATING PARAMETERS TODAY

[illegible]

VG Meter:
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MUD PRODUCTS	
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<div>OXY USA INC</div> <div>DAILY OPERATIONS PARTNER 30 HOUR REPORT</div> <div> <div> <div>Event:</div> <div>DEV COMPLETION</div> </div> <div> <div>Prim. Reason:</div> <div>CASED HOLE</div> </div> <div> <div>HELGA 19-0-4-40 A 11H</div> <div>USA</div> </div> <div> <div>Date:</div> <div>05/25/2024</div> </div> <div> <div>Report No:</div> <div>10</div> </div> </div>							
OPERATIONS							
From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
0:00	0:59	0.98	50STIM	ST	FRAC	P	Stage 5 of 51 Frac {No significant deviations from design} Open Pres: 4443 psi Avg Rate: 88.5 bpm Max Rate: 92.8 bpm Avg Pres: 8810 psi Max Pres: 9188 psi Proppant: 642020 lbs % Placed: 100.0% 100 Mesh White: 0 lbs 100 Mesh Regional: 642020 lbs 40/70 White: 0 lbs 40/70 Regional: 0 lbs Clean Vol: 12629 bbl ISIP: 5793 psi Prod Water: 12629 bbl Fresh Water: 0 bbl Brackish Water: 0 bbl Fluid Type: {SW/HVFR} Screen Out: {No} % Substitution: 53.9 % Diesel Volume: 1822 gal Gas Volume: 293000 scf
0:59	2:38	1.65	50STIM	DT	WOOW	P	WOOW
2:38	3:04	0.43	50STIM	WL	HOWL	P	HOWL
3:04	5:26	2.37	50STIM	WL	PERF	P	Stage 6 of 51 Plug & Perf {No significant changes from design. All shots fired on depth.} Itvl: 23465 - 23693 ft Plug Depth: 23706 ft Avg Rate: 20 bpm Max Rate: 20 bpm Avg Pres: 6513 psi Max Pres: 6906 psi PD Vol: 713 bbl / 2500 GAL HCR 7000 PD Tension: 890 lbs Water Type: {Produced} Plug Type: {BUBBA} Plug Manufacturer: INNOVEX WL Misrun: {No} WL Misrun Comments: {None}
5:26	5:29	0.05	50STIM	ST	HOFRAC	P	HOFRAC

<div>OXY USA INC</div> <div>DAILY OPERATIONS PARTNER 30 HOUR REPORT</div> <div> <div> <div>Event:</div> <div>DEV COMPLETION</div> </div> <div> <div>Prim. Reason:</div> <div>CASED HOLE</div> </div> <div> <div>HELGA 19-0-4-40 A 11H</div> <div>USA</div> </div> <div> <div>Date:</div> <div>05/25/2024</div> </div> <div> <div>Report No:</div> <div>10</div> </div> </div>							
From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
5:29	8:02	2.55	50STIM	ST	FRAC	P	Stage 6 of 51 Frac {No significant deviations from design} Open Pres: 4623 psi Avg Rate: 88 bpm Max Rate: 100 bpm Avg Pres: 8918 psi Max Pres: 9283 psi Proppant: 628180 lbs % Placed: 100.0% 100 Mesh White: 0 lbs 100 Mesh Regional: 628180 lbs 40/70 White: 0 lbs 40/70 Regional: 0 lbs Clean Vol: 11653 bbl ISIP: 5600 psi Prod Water: 11653 bbl Fresh Water: 0 bbl Brackish Water: 0 bbl Fluid Type: {SW/HVFR} Screen Out: {No} % Substitution: 63.0 % Diesel Volume: 1200 gal Gas Volume: 286000 scf
8:02	9:30	1.47	50STIM	DT	WOWL	PT	WAIT ON WL / HAD TO SWAP OUT REEL POWER
9:30	12:02	2.53	50STIM	DT	WOOW	P	WOOW
12:02	12:08	0.10	50STIM	WL	HOWL	P	HOWL
12:08	14:00	1.87	50STIM	WL	PERF	P	Stage 7 of 51 Plug & Perf {G10-1. All other shots fired on depth} Itvl: 23210 - 23439 ft Plug Depth: 23452 ft Avg Rate: 20 bpm Max Rate: 20 bpm Avg Pres: 6358 psi Max Pres: 6754 psi PD Vol: 698 bbl / 2500 GAL HCR 7000 PD Tension: 935 lbs Water Type: {Produced} Plug Type: {BUBBA} Plug Manufacturer: INNOVEX WL Misrun: {No} WL Misrun Comments: {None}
14:00	14:05	0.08	50STIM	ST	HOFRAC	P	HOFRAC

**Date:** 05/25/2024  
**Report No:** 10

From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
14:05	16:30	2.42	50STIM	ST	FRAC	P	Stage 7 of 51 Frac {No significant deviations from design} Open Pres: 4812 psi Avg Rate: 92.5 bpm Max Rate: 99.6 bpm Avg Pres: 8939 psi Max Pres: 9303 psi Proppant: 634910 lbs % Placed: 100.0% 100 Mesh White: 0 lbs 100 Mesh Regional: 634910 lbs 40/70 White: 0 lbs 40/70 Regional: 0 lbs Clean Vol: 11780 bbl ISIP: 5764 psi Prod Water: 11780 bbl Fresh Water: 0 bbl Brackish Water: 0 bbl Fluid Type: {SW/HVFR} Screen Out: {No} % Substitution: 70.5 % Diesel Volume: 800 gal Gas Volume: 262000 scf
16:30	18:50	2.33	50STIM	DT	WOOW	P	WOOW
18:50	19:10	0.33	50STIM	WL	HOWL	P	HOWL
19:10	21:15	2.08	50STIM	WL	PERF	P	Stage 8 of 51 Plug & Perf {No significant changes from design. All shots fired on depth.} Itvl: 22957 - 23185 ft Plug Depth: 23198 ft Avg Rate: 19 bpm Max Rate: 20 bpm Avg Pres: 6189 psi Max Pres: 6587 psi PD Vol: 703 bbl / 2500 GAL HCR 7000 PD Tension: 950 lbs Water Type: {Produced} Plug Type: {BUBBA} Plug Manufacturer: INNOVEX WL Misrun: {No} WL Misrun Comments: {None}
21:15	21:20	0.08	50STIM	ST	HOFRAC	P	HOFRAC
21:20	21:25	0.08	50STIM	ST	HOFRAC	PT	MIRU P8 & P22, RDMO P3 FOR PACKING, PACKING IN LINE P7
21:25	0:00	2.58	50STIM	ST	FRAC	P	START OF STAGE 8
Total Time		24.00					

<div>OXY USA INC</div> <div>DAILY OPERATIONS PARTNER 30 HOUR REPORT</div> <div> <div> <div>Event:</div> <div>DEV COMPLETION</div> </div> <div> <div>Prim. Reason:</div> <div>CASED HOLE</div> </div> <div> <div>HELGA 19-0-4-40 A 11H</div> <div>USA</div> </div> <div> <div>Date:</div> <div>05/25/2024</div> </div> <div> <div>Report No:</div> <div>10</div> </div> </div>							
OPERATIONS - NEXT DAY							
From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
0:00	0:02	0.03	50STIM	ST	FRAC	P	Stage 8 of 51 Frac {No significant deviations from design} Open Pres: 4793 psi Avg Rate: 85.6 bpm Max Rate: 93 bpm Avg Pres: 8800 psi Max Pres: 9226 psi Proppant: 635730 lbs % Placed: 100.0% 100 Mesh White: 0 lbs 100 Mesh Regional: 635730 lbs 40/70 White: 0 lbs 40/70 Regional: 0 lbs Clean Vol: 12110 bbl ISIP: 6004 psi Prod Water: 12110 bbl Fresh Water: 0 bbl Brackish Water: 0 bbl Fluid Type: {SW/HVFR} Screen Out: {No} % Substitution: 55.0 % Diesel Volume: 1503 gal Gas Volume: 252000 scf
0:02	0:10	0.13	50STIM	DT	WOWL	PT	WOWL DUE TO WORKING ON PUMP V&S
0:10	2:35	2.42	50STIM	DT	WOOW	P	WOOW
2:35	2:54	0.32	50STIM	WL	HOWL	P	HOWL
2:54	4:53	1.98	50STIM	WL	PERF	P	Stage 9 of 51 Plug & Perf {G2 +1. All other shots fired on depth} Itvl: 22703 - 22931 ft Plug Depth: 22944 ft Avg Rate: 20 bpm Max Rate: 20 bpm Avg Pres: 6544 psi Max Pres: 6959 psi PD Vol: 674 bbl / 2500 GAL HCR 7000 PD Tension: 940 lbs Water Type: {Produced} Plug Type: {BUBBA} Plug Manufacturer: INNOVEX WL Misrun: {No} WL Misrun Comments: {None}
4:53	4:55	0.03	50STIM	ST	HOFRAC	P	HOFRAC

OXY USA INC							
DAILY OPERATIONS PARTNER 30 HOUR REPORT							
Event:		DEV COMPLETION		HELGA 19-0-4-40 A 11H		Date: 05/25/2024	
Prim. Reason:		CASED HOLE		USA		Report No: 10	
4:55	7:17	2.37	50STIM	ST	FRAC	P	Stage 9 of 51 Frac {No significant deviations from design} Open Pres: 5236 psi Avg Rate: 91 bpm Max Rate: 102 bpm Avg Pres: 8946 psi Max Pres: 9360 psi Proppant: 648720 lbs % Placed: 100.0% 100 Mesh White: 0 lbs 100 Mesh Regional: 648720 lbs 40/70 White: 0 lbs 40/70 Regional: 0 lbs Clean Vol: 11700 bbl ISIP: 5255 psi Prod Water: 11700 bbl Fresh Water: 0 bbl Brackish Water: 0 bbl Fluid Type: {SW/HVFR} Screen Out: {No} % Substitution: 45.0 % Diesel Volume: 1800 gal Gas Volume: 199000 scf
Total Time		7.28					
Safety Incident?		N		Days since Last RI:		Weather Comments:	
Environ Incident?		N		Days since Last LTA			
Incident Comments:		No incidents reported last 24 hours.					
Other Remarks:							

**Date:** 05/26/2024  
**Report No:** 11

Current Formation	@	Lithology:
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Current Ops:	ZIPPER OPS
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24-Hr Summary: FRAC STAGE 8-11 OF 51

24-Hr Forecast:	ZIPPER OPS
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PERSONNEL		SURVEY DATA (LAST 6)								
Supervisor 1:	CHRISTOPHER JONES	MD	Incl	Azi	TVD	N-S	E-W	VS	DLS	Build
Supervisor 2:	ALEX SMITH	25,064.0	88.67	342.33	11,585.17	12,012.3	-4,465.4	12,815.4	0.47	-0.31
Engineer:	RYAN MCGREGOR	24,994.0	88.89	342.57	11,583.68	11,945.6	-4,444.3	12,745.5	1.55	-1.09
Geologist:		24,900.0	89.91	343.61	11,582.70	11,855.6	-4,416.9	12,651.7	0.17	0.16
Oxy Personnel:	0	24,806.0	89.76	343.56	11,582.43	11,765.5	-4,390.4	12,557.9	0.65	-0.44
Contractor Personnel	0	24,712.0	90.17	344.01	11,582.37	11,675.2	-4,364.1	12,464.2	1.12	-0.17
Total on Site:	0	24,618.0	90.33	345.05	11,582.78	11,584.6	-4,339.0	12,370.5	2.42	0.49

BIT OPERATING PARAMETERS TODAY												
Bit No	Rot Hrs	Cum Rot Hrs	Prog	Cum Prog	ROP	Cum ROP	WOB min/max	RPM min/max	TFA	P Drop Bit	Noz Vel	HHPSI

MUD DATA -		LAST OR CURRENT BHA				
Engineer:	MBT:					
Sample From:	pH:					
Mud Type:	Pm / Pom:					
Time / MD: /	Pf / Mf: /					
Density @ Temp: /	Chlorides:					
Rheology Temp:	Ca++ / K+: /					
Viscosity:	CaCl2:					
PV / YP: /	Cl- in water phase:					
Gels 10s/10m/30m: / /	Lime:					
API WL:	ES:					
HTHP WL:	ECD:					
Cake API / HTHP: /	n / K: /					
Solids / Sol Corr: /	Carbonate:					
Oil / Water: /	Bicarbonate:					
Oil / Water % for OWR: /	Form Loss / Cum Loss / 0.0					
Sand:	Fluid Disch: /					
Water Added:	Daily Mud Cost: \$0					
Oil Added:	Cum Mud Cost: \$0					
LGS: /						
VG Meter:						
Comments:						

[illegible]



**Date:** 05/26/2024  
**Report No:** 11

### Operation Details

From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
0:00	0:02	0.03	50STIM	ST	FRAC	P	Stage 8 of 51 Frac {No significant deviations from design} Open Pres: 4793 psi Avg Rate: 85.6 bpm Max Rate: 93 bpm Avg Pres: 8800 psi Max Pres: 9226 psi Proppant: 635730 lbs % Placed: 100.0% 100 Mesh White: 0 lbs 100 Mesh Regional: 635730 lbs 40/70 White: 0 lbs 40/70 Regional: 0 lbs Clean Vol: 12110 bbl ISIP: 6004 psi Prod Water: 12110 bbl Fresh Water: 0 bbl Brackish Water: 0 bbl Fluid Type: {SW/HVFR} Screen Out: {No} % Substitution: 55.0 % Diesel Volume: 1503 gal Gas Volume: 252000 scf
0:02	0:10	0.13	50STIM	DT	WOWL	PT	WOWL DUE TO WORKING ON PUMP V&S
0:10	2:35	2.42	50STIM	DT	WOOW	P	WOOW
2:35	2:54	0.32	50STIM	WL	HOWL	P	HOWL
2:54	4:53	1.98	50STIM	WL	PERF	P	Stage 9 of 51 Plug & Perf {G2 +1. All other shots fired on depth} Itvl: 22703 - 22931 ft Plug Depth: 22944 ft Avg Rate: 20 bpm Max Rate: 20 bpm Avg Pres: 6544 psi Max Pres: 6959 psi PD Vol: 674 bbl / 2500 GAL HCR 7000 PD Tension: 940 lbs Water Type: {Produced} Plug Type: {BUBBA} Plug Manufacturer: INNOVEX WL Misrun: {No} WL Misrun Comments: {None}
4:53	4:55	0.03	50STIM	ST	HOFRAC	P	HOFRAC

<div>OXY USA INC</div> <div>DAILY OPERATIONS PARTNER 30 HOUR REPORT</div> <div> <div> <div>Event:</div> <div>DEV COMPLETION</div> </div> <div> <div>Prim. Reason:</div> <div>CASED HOLE</div> </div> <div> <div>HELGA 19-0-4-40 A 11H</div> <div>USA</div> </div> <div> <div>Date:</div> <div>05/26/2024</div> </div> <div> <div>Report No:</div> <div>11</div> </div> </div>							
From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
4:55	7:17	2.37	50STIM	ST	FRAC	P	Stage 9 of 51 Frac {No significant deviations from design} Open Pres: 5236 psi Avg Rate: 91 bpm Max Rate: 102 bpm Avg Pres: 8946 psi Max Pres: 9360 psi Proppant: 648720 lbs % Placed: 100.0% 100 Mesh White: 0 lbs 100 Mesh Regional: 648720 lbs 40/70 White: 0 lbs 40/70 Regional: 0 lbs Clean Vol: 11700 bbl ISIP: 5255 psi Prod Water: 11700 bbl Fresh Water: 0 bbl Brackish Water: 0 bbl Fluid Type: {SW/HVFR} Screen Out: {No} % Substitution: 45.0 % Diesel Volume: 1800 gal Gas Volume: 199000 scf
7:17	9:33	2.27	50STIM	DT	WOOW	P	WOOW
9:33	9:37	0.07	50STIM	WL	HOWL	P	HOWL
9:37	11:21	1.73	50STIM	WL	PERF	P	Stage 10 of 51 Plug & Perf {G6+2. All other shots fired on depth} Itvl: 22449 - 22677 ft Plug Depth: 22690 ft Avg Rate: 22 bpm Max Rate: 23 bpm Avg Pres: 6581 psi Max Pres: 6999 psi PD Vol: 615 bbl / 2500 GAL HCR 7000 PD Tension: 940 lbs Water Type: {Produced} Plug Type: {BUBBA} Plug Manufacturer: INNOVEX WL Misrun: {No} WL Misrun Comments: {None}
11:21	11:25	0.07	50STIM	DT	WOOW	P	WOOW
11:25	11:30	0.08	50STIM	ST	HOFRAC	P	HOFRAC
11:30	11:46	0.27	50STIM	ST	HOFRAC	PT	RU PUMP 8 / D-RINGS ON PUMP 13

<div>OXY USA INC</div> <div>DAILY OPERATIONS PARTNER 30 HOUR REPORT</div> <div> <div> <div>Event:</div> <div>DEV COMPLETION</div> </div> <div> <div>Prim. Reason:</div> <div>CASED HOLE</div> </div> <div> <div>HELGA 19-0-4-40 A 11H</div> <div>USA</div> </div> <div> <div>Date:</div> <div>05/26/2024</div> </div> <div> <div>Report No:</div> <div>11</div> </div> </div>							
From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
11:46	14:01	2.25	50STIM	ST	FRAC	P	Stage 10 of 51 Frac {No significant deviations from design} Open Pres: 4507 psi Avg Rate: 93 bpm Max Rate: 104 bpm Avg Pres: 8880 psi Max Pres: 9303 psi Proppant: 644250 lbs % Placed: 100.0% 100 Mesh White: 0 lbs 100 Mesh Regional: 644250 lbs 40/70 White: 0 lbs 40/70 Regional: 0 lbs Clean Vol: 11573 bbl ISIP: 5716 psi Prod Water: 11573 bbl Fresh Water: 0 bbl Brackish Water: 0 bbl Fluid Type: {SW/HVFR} Screen Out: {No} % Substitution: 61.0 % Diesel Volume: 1000 gal Gas Volume: 211000 scf
14:01	15:40	1.65	50STIM	DT	WOOW	P	WOOW
15:40	15:53	0.22	50STIM	WL	HOWL	P	HOWL
15:53	17:45	1.87	50STIM	WL	PERF	P	Stage 11 of 51 Plug & Perf {G1 +1. All other shots fired on depth} Itvl: 22195 - 22424 ft Plug Depth: 22436 ft Avg Rate: 22 bpm Max Rate: 23 bpm Avg Pres: 6473 psi Max Pres: 6785 psi PD Vol: 599 bbl / 2500 GAL HCR 7000 PD Tension: 950 lbs Water Type: {Produced} Plug Type: {BUBBA} Plug Manufacturer: INNOVEX WL Misrun: {No} WL Misrun Comments: {None}
17:45	18:06	0.35	50STIM	DT	WOOW	P	WOOW
18:06	18:11	0.08	50STIM	ST	HOFRAC	P	HOFRAC
18:11	18:30	0.32	50STIM	ST	HOFRAC	PT	RDMO P4 FOR PACKING, MIRU P5

OXY USA INC

DAILY OPERATIONS PARTNER 30 HOUR REPORT

Event: DEV COMPLETION

Prim. Reason: CASSED HOLE

HELGA 19-0-4-40 A 11H

USA

Date: 05/26/2024

Report No: 11

From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
18:30	21:06	2.60	50STIM	ST	FRAC	P	Stage 11 of 51 Frac {No significant deviations from design} Open Pres: 4488 psi Avg Rate: 86.3 bpm Max Rate: 95.4 bpm Avg Pres: 8731 psi Max Pres: 9053 psi Proppant: 635210 lbs % Placed: 100.0% 100 Mesh White: 0 lbs 100 Mesh Regional: 635210 lbs 40/70 White: 0 lbs 40/70 Regional: 0 lbs Clean Vol: 12217 bbl ISIP: 6061 psi Prod Water: 12217 bbl Fresh Water: 0 bbl Brackish Water: 0 bbl Fluid Type: {SW/HVFR} Screen Out: {No} % Substitution: 53.0 % Diesel Volume: 1486 gal Gas Volume: 230000 scf
21:06	22:12	1.10	50STIM	DT	WOOW	P	WOOW
22:12	22:25	0.22	50STIM	WL	HOWL	P	HOWL
22:25	0:00	1.58	50STIM	WL	PERF	P	WL RIH STAGE 12
Total Time		24.00					

<div>OXY USA INC</div> <div>DAILY OPERATIONS PARTNER 30 HOUR REPORT</div> <div> <div> <div>Event: DEV COMPLETION</div> <div>Prim. Reason: CASED HOLE</div> </div> <div> <div>HELGA 19-0-4-40 A 11H</div> <div>USA</div> </div> <div> <div>Date: 05/26/2024</div> <div>Report No: 11</div> </div> </div>							
OPERATIONS - NEXT DAY							
From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
0:00	0:15	0.25	50STIM	WL	PERF	P	Stage 12 of 51 Plug & Perf {No significant changes from design. All shots fired on depth.} Itvl: 21941 - 22169 ft Plug Depth: 22182 ft Avg Rate: 21 bpm Max Rate: 22 bpm Avg Pres: 6755 psi Max Pres: 7087 psi PD Vol: 579 bbl / 2500 GAL HCR 7000 PD Tension: 950 lbs Water Type: {Produced} Plug Type: {BUBBA} Plug Manufacturer: INNOVEX WL Misrun: {No} WL Misrun Comments: {None}
0:15	1:04	0.82	50STIM	DT	WOOW	P	WOOW
1:04	1:04	0.00	50STIM	ST	HOFRAC	P	HOFRAC
1:04	3:34	2.50	50STIM	ST	FRAC	P	Stage 12 of 51 Frac {SMART TRANSITION / LOST BOOST PRESSURE AT THE BEGINNING OF FLUSH} Open Pres: 4676 psi Avg Rate: 89.2 bpm Max Rate: 98.7 bpm Avg Pres: 8751 psi Max Pres: 9207 psi Proppant: 645290 lbs % Placed: 100.0% 100 Mesh White: 0 lbs 100 Mesh Regional: 645290 lbs 40/70 White: 0 lbs 40/70 Regional: 0 lbs Clean Vol: 12083 bbl ISIP: 6004 psi Prod Water: 12083 bbl Fresh Water: 0 bbl Brackish Water: 0 bbl Fluid Type: {SW/HVFR} Screen Out: {No} % Substitution: 58.1 % Diesel Volume: 1274 gal Gas Volume: 243000 scf
3:34	4:40	1.10	50STIM	DT	WOOW	P	WOOW
4:40	4:44	0.07	50STIM	WL	HOWL	P	HOWL
4:44	6:26	1.70	50STIM	WL	PERF	P	Stage 13 of 51 Plug & Perf {No significant changes from design. All shots fired on depth.} Itvl: 21687 - 21915 ft Plug Depth: 21928 ft Avg Rate: 22 bpm Max Rate: 22 bpm Avg Pres: 6451 psi Max Pres: 6705 psi PD Vol: 526 bbl / 2500 GAL HCR 7000 PD Tension: 930 lbs Water Type: {Produced} Plug Type: {BUBBA} Plug Manufacturer: INNOVEX WL Misrun: {No} WL Misrun Comments: {None}
Total Time		6.43					

OXY USA INC				
DAILY OPERATIONS PARTNER 30 HOUR REPORT				
Event:	DEV COMPLETION	HELGA 19-0-4-40 A 11H	Date:	05/26/2024
Prim. Reason:	CASED HOLE	USA	Report No:	11
Safety Incident?	N	Days since Last RI:	Weather Comments:	
Environ Incident?	N	Days since Last LTA		
Incident Comments: No incidents reported last 24 hours.				
Other Remarks:				

OXY USA INC

DAILY OPERATIONS PARTNER 30 HOUR REPORT

Event: DEV COMPLETION

Prim. Reason: CASSED HOLE

HELGA 19-0-4-40 A 11H

USA

Date: 05/27/2024

Report No: 12

Wellbore / Top MD: 00 @ 0 ft

Rig: LIBERTY LOS ECLIPSE

Ref Datum: HP396 30.5'KB @2,769.90ft

DFS/DOL

Today's MD:

Progress:

Ground Elev: 2,739.40 ft

Daily Cost: \$276,066

Prev MD:

Rot Hrs Today:

AFE MD/Days: / days

Cum Cost: \$1,194,759

PBMD:

Avq ROP Today: 0.0 ft/hr

AFE Number: C23-02924.03.01.10

AFE Cost: \$4,753,533

Current Formation @

Lithology:

Current Ops: ZIPPER OPS

24-Hr Summary: FRAC STAGES 12-14 OF 51

24-Hr Forecast: ZIPPER OPS

CASING/WELL CONTROL		HOOKLOAD & TORQUE		HYDRAULICS		MUD GAS		Avq	Max
Last Casing:	9.625in @ 11,125ft	Str Wt Up/Dn:	/	Pump Rate:	0.0	Conn:			
Next Casing:	9.625in @ 11,110ft	Str Wt Rot:		Pump Press:	0	Trip:			
Last BOP Press Test:		Torq Off Btm:				Backgr:			
Form Test/EMW:	FIT / 15.02 ppg	Torq On Btm:							

PERSONNEL		SURVEY DATA (LAST 6)								
		MD	Incl	Azi	TVD	N-S	E-W	VS	DLS	Build
Supervisor 1:	CHRISTOPHER JONES	25,064.0	88.67	342.33	11,585.17	12,012.3	-4,465.4	12,815.4	0.47	-0.31
Supervisor 2:	ALEX SMITH	24,994.0	88.89	342.57	11,583.68	11,945.6	-4,444.3	12,745.5	1.55	-1.09
Engineer:	RYAN MCGREGOR	24,900.0	89.91	343.61	11,582.70	11,855.6	-4,416.9	12,651.7	0.17	0.16
Geologist:		24,806.0	89.76	343.56	11,582.43	11,765.5	-4,390.4	12,557.9	0.65	-0.44
Oxy Personnel:	0	24,712.0	90.17	344.01	11,582.37	11,675.2	-4,364.1	12,464.2	1.12	-0.17
Contractor Personnel	0	24,618.0	90.33	345.05	11,582.78	11,584.6	-4,339.0	12,370.5	2.42	0.49
Total on Site:	0									

BIT RECORD											
Bit No	Size	Manufacturer	Model	Part	Serial No	IADC Code	Nozzles	MD In	MD Out	I-O-D-L	B-G-O-R
										--	--

BIT OPERATING PARAMETERS TODAY												
Bit No	Rot Hrs	Cum Rot Hrs	Prog	Cum Prog	ROP	Cum ROP	WOB min/max	RPM min/max	TFA	P Drop Bit	Noz Vel	HHPSI

MUD DATA -				LAST OR CURRENT BHA				
Engineer:		MBT:						
Sample From:		pH:						
Mud Type:		Pm / Pom:						
Time / MD: /		Pf / Mf:	/					
Density @ Temp: /		Chlorides:						
Rheology Temp:		Ca++ / K+:	/					
Viscosity:		CaCl2:						
PV / YP:	/	Cl- in water phase:						
Gels 10s/10m/30m: / /		Lime:						
API WL:		ES:						
HTHP WL:		ECD:						
Cake API / HTHP: /		n / K:	/					
Solids / Sol Corr: /		Carbonate:						
Oil / Water: /		Bicarbonate:						
Oil / Water % for OWR: /		Form Loss / Cum Loss	/ 0.0					
Sand:		Fluid Disch:	/					
Water Added:		Daily Mud Cost:	\$0					
Oil Added:		Cum Mud Cost:	\$0					
LGS:	/							
VG Meter:								
Comments:								

MUD PRODUCTS			
Product	Number of Units	Units	Qty Used

<div>OXY USA INC</div> <div>DAILY OPERATIONS PARTNER 30 HOUR REPORT</div> <div> <div> <div>Event:</div> <div>DEV COMPLETION</div> </div> <div> <div>Prim. Reason:</div> <div>CASED HOLE</div> </div> <div> <div>HELGA 19-0-4-40 A 11H</div> <div>USA</div> </div> <div> <div>Date:</div> <div>05/27/2024</div> </div> <div> <div>Report No:</div> <div>12</div> </div> </div>							
OPERATIONS							
From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
0:00	0:15	0.25	50STIM	WL	PERF	P	Stage 12 of 51 Plug & Perf {No significant changes from design. All shots fired on depth.} Itvl: 21941 - 22169 ft Plug Depth: 22182 ft Avg Rate: 21 bpm Max Rate: 22 bpm Avg Pres: 6755 psi Max Pres: 7087 psi PD Vol: 579 bbl / 2500 GAL HCR 7000 PD Tension: 950 lbs Water Type: {Produced} Plug Type: {BUBBA} Plug Manufacturer: INNOVEX WL Misrun: {No} WL Misrun Comments: {None}
0:15	1:04	0.82	50STIM	DT	WOOW	P	WOOW
1:04	1:04	0.00	50STIM	ST	HOFRAC	P	HOFRAC
1:04	3:34	2.50	50STIM	ST	FRAC	P	Stage 12 of 51 Frac {SMART TRANSITION / LOST BOOST PRESSURE AT THE BEGINNING OF FLUSH} Open Pres: 4676 psi Avg Rate: 89.2 bpm Max Rate: 98.7 bpm Avg Pres: 8751 psi Max Pres: 9207 psi Proppant: 645290 lbs % Placed: 100.0% 100 Mesh White: 0 lbs 100 Mesh Regional: 645290 lbs 40/70 White: 0 lbs 40/70 Regional: 0 lbs Clean Vol: 12083 bbl ISIP: 6004 psi Prod Water: 12083 bbl Fresh Water: 0 bbl Brackish Water: 0 bbl Fluid Type: {SW/HVFR} Screen Out: {No} % Substitution: 58.1 % Diesel Volume: 1274 gal Gas Volume: 243000 scf
3:34	4:40	1.10	50STIM	DT	WOOW	P	WOOW
4:40	4:44	0.07	50STIM	WL	HOWL	P	HOWL
4:44	6:26	1.70	50STIM	WL	PERF	P	Stage 13 of 51 Plug & Perf {No significant changes from design. All shots fired on depth.} Itvl: 21687 - 21915 ft Plug Depth: 21928 ft Avg Rate: 22 bpm Max Rate: 22 bpm Avg Pres: 6451 psi Max Pres: 6705 psi PD Vol: 526 bbl / 2500 GAL HCR 7000 PD Tension: 930 lbs Water Type: {Produced} Plug Type: {BUBBA} Plug Manufacturer: INNOVEX WL Misrun: {No} WL Misrun Comments: {None}
6:26	7:56	1.50	50STIM	DT	WOOW	P	WOOW
7:56	7:56	0.00	50STIM	ST	HOFRAC	P	HOFRAC



<div>OXY USA INC</div> <div>DAILY OPERATIONS PARTNER 30 HOUR REPORT</div> <div> <div> <div>Event:</div> <div>DEV COMPLETION</div> </div> <div> <div>Prim. Reason:</div> <div>CASED HOLE</div> </div> <div> <div>HELGA 19-0-4-40 A 11H</div> <div>USA</div> </div> <div> <div>Date:</div> <div>05/27/2024</div> </div> <div> <div>Report No:</div> <div>12</div> </div> </div>							
From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
7:56	10:06	2.17	50STIM	ST	FRAC	P	Stage 13 of 51 Frac {SMART TRANSITION} Open Pres: 4255 psi Avg Rate: 93 bpm Max Rate: 101 bpm Avg Pres: 8866 psi Max Pres: 9245 psi Proppant: 628720 lbs % Placed: 100.0% 100 Mesh White: 0 lbs 100 Mesh Regional: 628720 lbs 40/70 White: 0 lbs 40/70 Regional: 0 lbs Clean Vol: 10925 bbl ISIP: 5428 psi Prod Water: 10925 bbl Fresh Water: 0 bbl Brackish Water: 0 bbl Fluid Type: {SW/HVFR} Screen Out: {No} % Substitution: 65.0 % Diesel Volume: 861 gal Gas Volume: 220000 scf
10:06	13:32	3.43	50STIM	DT	WOOW	P	WOOW
13:32	13:36	0.07	50STIM	WL	HOWL	P	HOWL
13:36	15:17	1.68	50STIM	WL	PERF	P	Stage 14 of 51 Plug & Perf {G2 +3. All other shots fired on depth} Itvl: 21433 - 21661 ft Plug Depth: 21674 ft Avg Rate: 22 bpm Max Rate: 23 bpm Avg Pres: 6624 psi Max Pres: 6946 psi PD Vol: 526 bbl / 2500 GAL HCR 7000 PD Tension: 970 lbs Water Type: {Produced} Plug Type: {BUBBA} Plug Manufacturer: INNOVEX WL Misrun: {No} WL Misrun Comments: {None}
15:17	15:19	0.03	50STIM	ST	HOFRAC	P	HOFRAC

OXY USA INC							
DAILY OPERATIONS PARTNER 30 HOUR REPORT							
Event:		DEV COMPLETION		HELGA 19-0-4-40 A 11H		Date: 05/27/2024	
Prim. Reason:		CASED HOLE		USA		Report No: 12	
From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
15:19	17:43	2.40	50STIM	ST	FRAC	P	Stage 14 of 51 Frac {No significant deviations from design} Open Pres: 4696 psi Avg Rate: 92.2 bpm Max Rate: 103.3 bpm Avg Pres: 8830 psi Max Pres: 9188 psi Proppant: 645550 lbs % Placed: 100.0% 100 Mesh White: 0 lbs 100 Mesh Regional: 645550 lbs 40/70 White: 0 lbs 40/70 Regional: 0 lbs Clean Vol: 12212 bbl ISIP: 5927 psi Prod Water: 12212 bbl Fresh Water: 0 bbl Brackish Water: 0 bbl Fluid Type: {SW/HVFR} Screen Out: {No} % Substitution: 52.6 % Diesel Volume: 1186 gal Gas Volume: 181000 scf
17:43	0:00	6.28	50STIM	DT	WOOW	P	WOOW
Total Time		24.00					
OPERATIONS - NEXT DAY							
From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
0:00	6:00	6.00	50STIM	DT	WOOW	P	WOOW
Total Time		6.00					
Safety Incident?		N		Days since Last RI:		Weather Comments:	
Environ Incident?		N		Days since Last LTA			
Incident Comments:							
No incidents reported last 24 hours.							
Other Remarks:							

**Date:** 05/28/2024  
**Report No:** 13

Current Formation	@	Lithology:
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Current Ops:	ZIPPER OPS
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24-Hr Summary: FRAC STAGES 15-16 OF 51

24-Hr Summary:	ZIPPER OPS
24-Hr Forecast:	ZIPPER OPS

PERSONNEL	SURVEY DATA (LAST 6)
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**BIT RECORD**

## BIT OPERATING PARAMETERS TODAY

[illegible]

MUD DATA -	LAST OR CURRENT BHA
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VG Meter:
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MUD PRODUCTS
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<div>OXY USA INC</div> <div>DAILY OPERATIONS PARTNER 30 HOUR REPORT</div> <div> <div> <div>Event: DEV COMPLETION</div> <div>Prim. Reason: CASED HOLE</div> </div> <div> <div>HELGA 19-0-4-40 A 11H</div> <div>USA</div> </div> <div> <div>Date: 05/28/2024</div> <div>Report No: 13</div> </div> </div>							
OPERATIONS							
From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
0:00	6:00	6.00	50STIM	DT	WOOW	P	WOOW
6:00	6:13	0.22	50STIM	WL	HOWL	P	HOWL
6:13	8:09	1.93	50STIM	WL	PERF	P	Stage 15 of 51 Plug & Perf {PLUG +3. All other shots fired on depth} Itvl: 21179 - 21407 ft Plug Depth: 21423 ft Avg Rate: 22 bpm Max Rate: 23 bpm Avg Pres: 6926 psi Max Pres: 7401 psi PD Vol: 588 bbl / 2500 GAL HCR 7000 PD Tension: 920 lbs Water Type: {Produced} Plug Type: {BUBBA} Plug Manufacturer: INNOVEX WL Misrun: {No} WL Misrun Comments: {None}
8:09	8:10	0.02	50STIM	ST	HOFRAC	P	HOFRAC
8:10	10:21	2.18	50STIM	ST	FRAC	P	Stage 15 of 51 Frac {No significant deviations from design} Open Pres: 4488 psi Avg Rate: 98 bpm Max Rate: 109 bpm Avg Pres: 8776 psi Max Pres: 9149 psi Proppant: 635170 lbs % Placed: 100.0% 100 Mesh White: 0 lbs 100 Mesh Regional: 635170 lbs 40/70 White: 0 lbs 40/70 Regional: 0 lbs Clean Vol: 11554 bbl ISIP: 5505 psi Prod Water: 11554 bbl Fresh Water: 0 bbl Brackish Water: 0 bbl Fluid Type: {SW/HVFR} Screen Out: {No} % Substitution: 74.0 % Diesel Volume: 649 gal Gas Volume: 255000 scf
10:21	10:38	0.28	50STIM	DT	WOWL	PT	WAIT ON WL / STAGE TIME
10:38	14:39	4.02	50STIM	DT	WOOW	P	WOOW
14:39	14:42	0.05	50STIM	WL	HOWL	P	HOWL
14:42	16:52	2.17	50STIM	WL	PERF	P	Stage 16 of 51 Plug & Perf {No significant changes from design. All shots fired on depth.} Itvl: 20925 - 21153 ft Plug Depth: 21166 ft Avg Rate: 22 bpm Max Rate: 23 bpm Avg Pres: 6788 psi Max Pres: 7318 psi PD Vol: 741 bbl / 2500 GAL HCR 7000 PD Tension: 890 lbs Water Type: {Produced} Plug Type: {BUBBA} Plug Manufacturer: INNOVEX WL Misrun: {No} WL Misrun Comments: {None}
16:52	16:53	0.02	50STIM	ST	HOFRAC	P	HOFRAC

OXY USA INC							
DAILY OPERATIONS PARTNER 30 HOUR REPORT							
Event:		DEV COMPLETION		HELGA 19-0-4-40 A 11H		Date: 05/28/2024	
Prim. Reason:		CASED HOLE		USA		Report No: 13	
From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
16:53	19:15	2.37	50STIM	ST	FRAC	P	Stage 16 of 51 Frac {LOST BABY BEAST DURING RAMP STAGE} Open Pres: 4715 psi Avg Rate: 96.6 bpm Max Rate: 106 bpm Avg Pres: 8852 psi Max Pres: 9207 psi Proppant: 638180 lbs % Placed: 100.0% 100 Mesh White: 0 lbs 100 Mesh Regional: 638180 lbs 40/70 White: 0 lbs 40/70 Regional: 0 lbs Clean Vol: 12545 bbl ISIP: 6061 psi Prod Water: 12545 bbl Fresh Water: 0 bbl Brackish Water: 0 bbl Fluid Type: {SW/HVFR} Screen Out: {No} % Substitution: 43.0 % Diesel Volume: 1622 gal Gas Volume: 168000 scf
19:15	21:10	1.92	50STIM	DT	WOOW	P	WOOW
21:10	21:47	0.62	50STIM	WL	HOWL	P	EXTENDED-CHANGE OUT REELPOWER ORING
21:47	23:33	1.77	50STIM	WL	PERF	P	0 {G8 +2. All other shots fired on depth} Itvl: 20671 - 20899 ft Plug Depth: 20912 ft Avg Rate: 21 bpm Max Rate: 22 bpm Avg Pres: 6295 psi Max Pres: 6695 psi PD Vol: 610 bbl / 2500 GAL HCR 7000 PD Tension: 800 lbs Water Type: {Produced} Plug Type: {BUBBA} Plug Manufacturer: INNOVEX WL Misrun: {No} WL Misrun Comments: {None}
23:33	23:58	0.42	50STIM	DT	WOOW	P	WOOW
23:58	23:58	0.00	50STIM	ST	HOFRAC	P	HOFRAC
23:58	0:00	0.03	50STIM	ST	FRAC	P	START OF FRAC STAGE 17
Total Time		24.00					

**Date:** 05/28/2024  
**Report No:** 13

From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
0:00	2:15	2.25	50STIM	ST	FRAC	P	Stage 17 of 51 Frac {SMART TRANSITION} Open Pres: 4696 psi Avg Rate: 96.9 bpm Max Rate: 106.9 bpm Avg Pres: 8726 psi Max Pres: 9092 psi Proppant: 642130 lbs % Placed: 100.0% 100 Mesh White: 0 lbs 100 Mesh Regional: 642130 lbs 40/70 White: 0 lbs 40/70 Regional: 0 lbs Clean Vol: 12200 bbl ISIP: 5984 psi Prod Water: 12200 bbl Fresh Water: 0 bbl Brackish Water: 0 bbl Fluid Type: {SW/HVFR} Screen Out: {No} % Substitution: 36.8 % Diesel Volume: 1910 gal Gas Volume: 153000 scf
2:15	3:50	1.58	50STIM	DT	WOOW	P	WOOW
3:50	3:54	0.07	50STIM	WL	HOWL	P	HOWL
3:54	5:33	1.65	50STIM	WL	PERF	P	Stage 18 of 51 Plug & Perf {G5-1. All other shots fired on depth} Itvl: 20417 - 20645 ft Plug Depth: 20658 ft Avg Rate: 22 bpm Max Rate: 22 bpm Avg Pres: 6178 psi Max Pres: 6439 psi PD Vol: 545 bbl / 2500 GAL HCR 7000 PD Tension: 880 lbs Water Type: {Produced} Plug Type: {BUBBA} Plug Manufacturer: INNOVEX WL Misrun: {No} WL Misrun Comments: {None}
5:33	5:42	0.15	50STIM	DT	WOOW	P	WOOW
5:42	5:42	0.00	50STIM	ST	HOFRAC	P	HO TO FRAC

OXY USA INC							
DAILY OPERATIONS PARTNER 30 HOUR REPORT							
Event:		DEV COMPLETION		HELGA 19-0-4-40 A 11H		Date: 05/28/2024	
Prim. Reason:		CASED HOLE		USA		Report No: 13	
5:42	8:02	2.33	50STIM	ST	FRAC	P	Stage 18 of 51 Frac {SMART SWAP } Open Pres: 5313 psi Avg Rate: 94 bpm Max Rate: 104 bpm Avg Pres: 8930 psi Max Pres: 9226 psi Proppant: 643850 lbs % Placed: 100.0% 100 Mesh White: 0 lbs 100 Mesh Regional: 643850 lbs 40/70 White: 0 lbs 40/70 Regional: 0 lbs Clean Vol: 12220 bbl ISIP: 5812 psi Prod Water: 12220 bbl Fresh Water: 0 bbl Brackish Water: 0 bbl Fluid Type: {SW/HVFR} Screen Out: {No} % Substitution: 48.0 % Diesel Volume: 1711 gal Gas Volume: 217000 scf
Total Time		8.03					
Safety Incident?		N	Days since Last RI:		Weather Comments:		
Environ Incident?		N	Days since Last LTA				
Incident Comments: No incidents reported last 24 hours.							
Other Remarks:							

OXY USA INC

DAILY OPERATIONS PARTNER 30 HOUR REPORT

Event: DEV COMPLETION

Prim. Reason: CASSED HOLE

HELGA 19-0-4-40 A 11H

USA

Date: 05/29/2024

Report No: 14

Wellbore / Top MD: 00 @ 0 ft

Rig: LIBERTY LOS ECLIPSE

Ref Datum: HP396 30.5'KB @2,769.90ft

DFS/DOL

Today's MD:

Progress:

Ground Elev: 2,739.40 ft

Daily Cost: \$276,831

Prev MD:

Rot Hrs Today:

AFE MD/Days: / days

Cum Cost: \$1,639,211

PBMD:

Avq ROP Today: 0.0 ft/hr

AFE Number: C23-02924.03.01.10

AFE Cost: \$4,753,533

Current Formation @

Lithology:

Current Ops: ZIPPER OPS

24-Hr Summary: FRAC STAGES 17-20 of 51

24-Hr Forecast: CONT ZIPPER OPS

CASING/WELL CONTROL		HOOKLOAD & TORQUE		HYDRAULICS		MUD GAS		Avq	Max
Last Casing:	9.625in @ 11,125ft	Str Wt Up/Dn:	/	Pump Rate:	0.0	Conn:			
Next Casing:	9.625in @ 11,110ft	Str Wt Rot:		Pump Press:	0	Trip:			
Last BOP Press Test:		Torq Off Btm:				Backgr:			
Form Test/EMW:	FIT / 15.02 ppg	Torq On Btm:							

PERSONNEL		SURVEY DATA (LAST 6)								
		MD	Incl	Azi	TVD	N-S	E-W	VS	DLS	Build
Supervisor 1:	LARRY SMITH	25,064.0	88.67	342.33	11,585.17	12,012.3	-4,465.4	12,815.4	0.47	-0.31
Supervisor 2:	ALEX HULL	24,994.0	88.89	342.57	11,583.68	11,945.6	-4,444.3	12,745.5	1.55	-1.09
Engineer:	RYAN MCGREGOR	24,900.0	89.91	343.61	11,582.70	11,855.6	-4,416.9	12,651.7	0.17	0.16
Geologist:		24,806.0	89.76	343.56	11,582.43	11,765.5	-4,390.4	12,557.9	0.65	-0.44
Oxy Personnel:	0	24,712.0	90.17	344.01	11,582.37	11,675.2	-4,364.1	12,464.2	1.12	-0.17
Contractor Personnel	0	24,618.0	90.33	345.05	11,582.78	11,584.6	-4,339.0	12,370.5	2.42	0.49
Total on Site:	0									

BIT RECORD											
Bit No	Size	Manufacturer	Model	Part	Serial No	IADC Code	Nozzles	MD In	MD Out	I-O-D-L	B-G-O-R
										--	--

BIT OPERATING PARAMETERS TODAY												
Bit No	Rot Hrs	Cum Rot Hrs	Prog	Cum Prog	ROP	Cum ROP	WOB min/max	RPM min/max	TFA	P Drop Bit	Noz Vel	HHPSI

MUD DATA -				LAST OR CURRENT BHA				
Engineer:		MBT:						
Sample From:		pH:						
Mud Type:		Pm / Pom:						
Time / MD: /		Pf / Mf:	/					
Density @ Temp: /		Chlorides:						
Rheology Temp:		Ca++ / K+:	/					
Viscosity:		CaCl2:						
PV / YP:	/	Cl- in water phase:						
Gels 10s/10m/30m: / /		Lime:						
API WL:		ES:						
HTHP WL:		ECD:						
Cake API / HTHP: /		n / K:	/					
Solids / Sol Corr: /		Carbonate:						
Oil / Water: /		Bicarbonate:						
Oil / Water % for OWR: /		Form Loss / Cum Loss	/ 0.0					
Sand:		Fluid Disch:	/					
Water Added:		Daily Mud Cost:	\$0					
Oil Added:		Cum Mud Cost:	\$0					
LGS:	/							
VG Meter:								
Comments:								

MUD PRODUCTS			
Product	Number of Units	Units	Qty Used



<div>OXY USA INC</div> <div>DAILY OPERATIONS PARTNER 30 HOUR REPORT</div> <div> <div> <div>Event:</div> <div>DEV COMPLETION</div> </div> <div> <div>Prim. Reason:</div> <div>CASED HOLE</div> </div> <div> <div>HELGA 19-0-4-40 A 11H</div> <div>USA</div> </div> <div> <div>Date:</div> <div>05/29/2024</div> </div> <div> <div>Report No:</div> <div>14</div> </div> </div>							
OPERATIONS							
From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
0:00	2:15	2.25	50STIM	ST	FRAC	P	Stage 17 of 51 Frac {SMART TRANSITION} Open Pres: 4696 psi Avg Rate: 96.9 bpm Max Rate: 106.9 bpm Avg Pres: 8726 psi Max Pres: 9092 psi Proppant: 642130 lbs % Placed: 100.0% 100 Mesh White: 0 lbs 100 Mesh Regional: 642130 lbs 40/70 White: 0 lbs 40/70 Regional: 0 lbs Clean Vol: 12200 bbl ISIP: 5984 psi Prod Water: 12200 bbl Fresh Water: 0 bbl Brackish Water: 0 bbl Fluid Type: {SW/HVFR} Screen Out: {No} % Substitution: 36.8 % Diesel Volume: 1910 gal Gas Volume: 153000 scf
2:15	3:50	1.58	50STIM	DT	WOOW	P	WOOW
3:50	3:54	0.07	50STIM	WL	HOWL	P	HOWL
3:54	5:33	1.65	50STIM	WL	PERF	P	Stage 18 of 51 Plug & Perf {G5-1. All other shots fired on depth} Itvl: 20417 - 20645 ft Plug Depth: 20658 ft Avg Rate: 22 bpm Max Rate: 22 bpm Avg Pres: 6178 psi Max Pres: 6439 psi PD Vol: 545 bbl / 2500 GAL HCR 7000 PD Tension: 880 lbs Water Type: {Produced} Plug Type: {BUBBA} Plug Manufacturer: INNOVEX WL Misrun: {No} WL Misrun Comments: {None}
5:33	5:42	0.15	50STIM	DT	WOOW	P	WOOW
5:42	5:42	0.00	50STIM	ST	HOFRAC	P	HO TO FRAC

<div>OXY USA INC</div> <div>DAILY OPERATIONS PARTNER 30 HOUR REPORT</div> <div> <div> <div>Event:</div> <div>DEV COMPLETION</div> </div> <div> <div>Prim. Reason:</div> <div>CASED HOLE</div> </div> <div> <div>HELGA 19-0-4-40 A 11H</div> <div>USA</div> </div> <div> <div>Date:</div> <div>05/29/2024</div> </div> <div> <div>Report No:</div> <div>14</div> </div> </div>							
From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
5:42	8:02	2.33	50STIM	ST	FRAC	P	Stage 18 of 51 Frac {SMART SWAP } Open Pres: 5313 psi Avg Rate: 94 bpm Max Rate: 104 bpm Avg Pres: 8930 psi Max Pres: 9226 psi Proppant: 643850 lbs % Placed: 100.0% 100 Mesh White: 0 lbs 100 Mesh Regional: 643850 lbs 40/70 White: 0 lbs 40/70 Regional: 0 lbs Clean Vol: 12220 bbl ISIP: 5812 psi Prod Water: 12220 bbl Fresh Water: 0 bbl Brackish Water: 0 bbl Fluid Type: {SW/HVFR} Screen Out: {No} % Substitution: 48.0 % Diesel Volume: 1711 gal Gas Volume: 217000 scf
8:02	10:05	2.05	50STIM	DT	WOOW	P	WOOW
10:05	10:11	0.10	50STIM	WL	HOWL	P	HOWL
10:11	11:48	1.62	50STIM	WL	PERF	P	Stage 19 of 51 Plug & Perf {G2 -2. All other shots fired on depth} Itvl: 20163 - 20391 ft Plug Depth: 20404 ft Avg Rate: 22 bpm Max Rate: 23 bpm Avg Pres: 6703 psi Max Pres: 7049 psi PD Vol: 584 bbl / 2500 GAL HCR 7000 PD Tension: 870 lbs Water Type: {Produced} Plug Type: {BUBBA} Plug Manufacturer: INNOVEX WL Misrun: {No} WL Misrun Comments: {None}
11:48	11:50	0.03	50STIM	DT	WOOW	P	WOOW
11:50	12:05	0.25	50STIM	SF	SAFASSM	PT	SAFETY STANDOWN WITH EVERYONE ON LOCATION
12:05	12:10	0.08	50STIM	ST	HOFRAC	P	HO TO FRAC
12:10	12:29	0.32	50STIM	ST	HOFRAC	PT	RI P 10,21, RO P 20, PRIME AND TEST

**Date:** 05/29/2024  
**Report No:** 14

From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
12:29	14:53	2.40	50STIM	ST	FRAC	P	Stage 19 of 51 Frac {No significant deviations from design} Open Pres: 4546 psi Avg Rate: 91 bpm Max Rate: 100 bpm Avg Pres: 8824 psi Max Pres: 9130 psi Proppant: 639890 lbs % Placed: 100.0% 100 Mesh White: 0 lbs 100 Mesh Regional: 639890 lbs 40/70 White: 0 lbs 40/70 Regional: 0 lbs Clean Vol: 11947 bbl ISIP: 5965 psi Prod Water: 11947 bbl Fresh Water: 0 bbl Brackish Water: 0 bbl Fluid Type: {SW/HVFR} Screen Out: {No} % Substitution: 51.0 % Diesel Volume: 1386 gal Gas Volume: 205000 scf
14:53	15:45	0.87	50STIM	DT	WOOW	P	WOOW
15:45	16:07	0.37	50STIM	WL	HOWL	P	HOWL
16:07	19:09	3.03	50STIM	WL	PERF	P	Stage 20 of 51 Plug & Perf {No significant changes from design. All shots fired on depth.} Itvl: 19909 - 20137 ft Plug Depth: 20150 ft Avg Rate: 22 bpm Max Rate: 23 bpm Avg Pres: 6600 psi Max Pres: 6911 psi PD Vol: 587 bbl / 2500 GAL HCR 7000 PD Tension: 800 lbs Water Type: {Produced} Plug Type: {BUBBA} Plug Manufacturer: INNOVEX WL Misrun: {No} WL Misrun Comments: {None}
19:09	19:14	0.08	50STIM	ST	HOFRAC	P	HOFRAC

OXY USA INC

DAILY OPERATIONS PARTNER 30 HOUR REPORT

Event: DEV COMPLETION

Prim. Reason: CASSED HOLE

HELGA 19-0-4-40 A 11H

USA

Date: 05/29/2024

Report No: 14

From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
19:14	21:32	2.30	50STIM	ST	FRAC	P	Stage 20 of 51 Frac {No significant deviations from design} Open Pres: 5414 psi Avg Rate: 98.5 bpm Max Rate: 104.9 bpm Avg Pres: 8921 psi Max Pres: 9283 psi Proppant: 641280 lbs % Placed: 100.0% 100 Mesh White: 0 lbs 100 Mesh Regional: 641280 lbs 40/70 White: 0 lbs 40/70 Regional: 0 lbs Clean Vol: 12271 bbl ISIP: 5850 psi Prod Water: 12271 bbl Fresh Water: 0 bbl Brackish Water: 0 bbl Fluid Type: {SW/HVFR} Screen Out: {No} % Substitution: 55.4 % Diesel Volume: 1435 gal Gas Volume: 245000 scf
21:32	23:30	1.97	50STIM	DT	WOOW	P	WOOW
23:30	0:00	0.50	50STIM	WL	HOWL	P	HOWL
Total Time		24.00					

OXY USA INC							
DAILY OPERATIONS PARTNER 30 HOUR REPORT							
Event:		DEV COMPLETION		HELGA 19-0-4-40 A 11H		Date: 05/29/2024	
Prim. Reason:		CASED HOLE		USA		Report No: 14	
OPERATIONS - NEXT DAY							
From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
0:00	1:47	1.78	50STIM	WL	PERF	P	Stage 21 of 51 Plug & Perf {G1 -2, G8 -1. All other shots fired on depth} Itvl: 19655 - 19881 ft Plug Depth: 19896 ft Avg Rate: 21 bpm Max Rate: 22 bpm Avg Pres: 6585 psi Max Pres: 6849 psi PD Vol: 568 bbl / 2500 GAL HCR 7000 PD Tension: 700 lbs Water Type: {Produced} Plug Type: {BUBBA} Plug Manufacturer: INNOVEX WL Misrun: {No} WL Misrun Comments: {None}
1:47	1:49	0.03	50STIM	DT	WOOW	P	WOOW
1:49	1:49	0.00	50STIM	ST	HOFRAC	P	HOFRAC
1:49	4:07	2.30	50STIM	ST	FRAC	P	Stage 21 of 51 Frac {SMART SWAP } Open Pres: 5198 psi Avg Rate: 94 bpm Max Rate: 101 bpm Avg Pres: 8720 psi Max Pres: 9015 psi Proppant: 629970 lbs % Placed: 100.0% 100 Mesh White: 0 lbs 100 Mesh Regional: 629970 lbs 40/70 White: 0 lbs 40/70 Regional: 0 lbs Clean Vol: 11897 bbl ISIP: 5773 psi Prod Water: 11897 bbl Fresh Water: 0 bbl Brackish Water: 0 bbl Fluid Type: {SW/HVFR} Screen Out: {No} % Substitution: 58.0 % Diesel Volume: 1485 gal Gas Volume: 282000 scf
4:07	5:16	1.15	50STIM	DT	WOWL	PT	WOWL / BUSTED HYDRAULIC HOSE
5:16	7:45	2.48	50STIM	DT	WOOW	P	WOOW
Total Time		7.75					
Safety Incident?		N		Days since Last RI:		Weather Comments:	
Environ Incident?		N		Days since Last LTA			
Incident Comments: No incidents reported last 24 hours.							
Other Remarks:							

OXY USA INC

DAILY OPERATIONS PARTNER 30 HOUR REPORT

Event: DEV COMPLETION

Prim. Reason: CASSED HOLE

HELGA 19-0-4-40 A 11H

USA

Date: 06/02/2024

Report No: 18

Wellbore / Top MD: 00 @ 0 ft

Rig: LIBERTY LOS ECLIPSE

Ref Datum: HP396 30.5'KB @2,769.90ft

DFS/DOL

Today's MD:

Progress:

Ground Elev: 2,739.40 ft

Daily Cost: \$280,232

Prev MD:

Rot Hrs Today:

AFE MD/Days: / days

Cum Cost: \$2,689,103

PBMD:

Avq ROP Today: 0.0 ft/hr

AFE Number: C23-02924.03.01.10

AFE Cost: \$4,753,533

Current Formation @

Lithology:

Current Ops: 24HR FRAC OPS

24-Hr Summary: FRAC STAGES 32 - 35 OF 51

24-Hr Forecast: CONT 24HR FRAC OPS

CASING/WELL CONTROL		HOOKLOAD & TORQUE		HYDRAULICS		MUD GAS		Avq	Max
Last Casing:	9.625in @ 11,125ft	Str Wt Up/Dn:	/	Pump Rate:	0.0	Conn:			
Next Casing:	9.625in @ 11,110ft	Str Wt Rot:		Pump Press:	0	Trip:			
Last BOP Press Test:		Torq Off Btm:				Backgr:			
Form Test/EMW:	FIT / 15.02 ppg	Torq On Btm:							

PERSONNEL		SURVEY DATA (LAST 6)								
		MD	Incl	Azi	TVD	N-S	E-W	VS	DLS	Build
Supervisor 1:	LARRY SMITH	25,064.0	88.67	342.33	11,585.17	12,012.3	-4,465.4	12,815.4	0.47	-0.31
Supervisor 2:	ALEX HULL	24,994.0	88.89	342.57	11,583.68	11,945.6	-4,444.3	12,745.5	1.55	-1.09
Engineer:	RYAN MCGREGOR	24,900.0	89.91	343.61	11,582.70	11,855.6	-4,416.9	12,651.7	0.17	0.16
Geologist:		24,806.0	89.76	343.56	11,582.43	11,765.5	-4,390.4	12,557.9	0.65	-0.44
Oxy Personnel:	0	24,712.0	90.17	344.01	11,582.37	11,675.2	-4,364.1	12,464.2	1.12	-0.17
Contractor Personnel	0	24,618.0	90.33	345.05	11,582.78	11,584.6	-4,339.0	12,370.5	2.42	0.49
Total on Site:	0									

BIT RECORD											
Bit No	Size	Manufacturer	Model	Part	Serial No	IADC Code	Nozzles	MD In	MD Out	I-O-D-L	B-G-O-R
										--	--

BIT OPERATING PARAMETERS TODAY												
Bit No	Rot Hrs	Cum Rot Hrs	Prog	Cum Prog	ROP	Cum ROP	WOB min/max	RPM min/max	TFA	P Drop Bit	Noz Vel	HHPSI

MUD DATA -				LAST OR CURRENT BHA				
Engineer:		MBT:						
Sample From:		pH:						
Mud Type:		Pm / Pom:						
Time / MD: /		Pf / Mf:	/					
Density @ Temp: /		Chlorides:						
Rheology Temp:		Ca++ / K+:	/					
Viscosity:		CaCl2:						
PV / YP:	/	Cl- in water phase:						
Gels 10s/10m/30m: / /		Lime:						
API WL:		ES:						
HTHP WL:		ECD:						
Cake API / HTHP: /		n / K:	/					
Solids / Sol Corr: /		Carbonate:						
Oil / Water: /		Bicarbonate:						
Oil / Water % for OWR: /		Form Loss / Cum Loss	/ 0.0					
Sand:		Fluid Disch:	/					
Water Added:		Daily Mud Cost:	\$0					
Oil Added:		Cum Mud Cost:	\$0					
LGS:	/							
VG Meter:								
Comments:								

MUD PRODUCTS			
Product	Number of Units	Units	Qty Used

**Date:** 06/02/2024  
**Report No:** 18

### Operation Details

From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
0:00	1:49	1.82	50STIM	DT	WOOW	P	WOOW
1:49	1:49	0.00	50STIM	ST	HOFRAC	P	HOFRAC
1:49	3:52	2.05	50STIM	ST	FRAC	P	Stage 32 of 51 Frac {SMART SWAP} Open Pres: 4676 psi Avg Rate: 112 bpm Max Rate: 115 bpm Avg Pres: 8647 psi Max Pres: 9252 psi Proppant: 642080 lbs % Placed: 100.0% 100 Mesh White: 0 lbs 100 Mesh Regional: 642080 lbs 40/70 White: 0 lbs 40/70 Regional: 0 lbs Clean Vol: 12007 bbl ISIP: 5928 psi Prod Water: 12007 bbl Fresh Water: 0 bbl Brackish Water: 0 bbl Fluid Type: {SW/HVFR} Screen Out: {No} % Substitution: 43.0 % Diesel Volume: 1822 gal Gas Volume: 194000 scf
3:52	4:02	0.17	50STIM	DT	WOOW	P	WOOW
4:02	4:24	0.37	50STIM	WL	HOWL	P	HOWL
4:24	5:40	1.27	50STIM	WL	PERF	P	Stage 33 of 51 Plug & Perf {No significant changes from design. All shots fired on depth.} Itvl: 16607 - 16835 ft Plug Depth: 16848 ft Avg Rate: 21 bpm Max Rate: 22 bpm Avg Pres: 6199 psi Max Pres: 6372 psi PD Vol: 362 bbl / 500 GAL HCR 7000 PD Tension: 890 lbs Water Type: {Produced} Plug Type: {BUBBA} Plug Manufacturer: INNOVEX WL Misrun: {No} WL Misrun Comments: {None}
5:40	7:17	1.62	50STIM	DT	WOOW	P	WOOW
7:17	7:17	0.00	50STIM	ST	HOFRAC	P	HO TO FRAC

**Date:** 06/02/2024  
**Report No:** 18

From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
7:17	9:20	2.05	50STIM	ST	FRAC	P	Stage 33 of 51 Frac {SMART SWAP } Open Pres: 4500 psi Avg Rate: 107 bpm Max Rate: 115 bpm Avg Pres: 8681 psi Max Pres: 9138 psi Proppant: 641050 lbs % Placed: 100.0% 100 Mesh White: 0 lbs 100 Mesh Regional: 641050 lbs 40/70 White: 0 lbs 40/70 Regional: 0 lbs Clean Vol: 12303 bbl ISIP: 5262 psi Prod Water: 12303 bbl Fresh Water: 0 bbl Brackish Water: 0 bbl Fluid Type: {SW/HVFR} Screen Out: {No} % Substitution: 44.0 % Diesel Volume: 1548 gal Gas Volume: 167000 scf
9:20	9:26	0.10	50STIM	WL	HOWL	P	HO TO WL
9:26	10:45	1.32	50STIM	WL	PERF	P	Stage 34 of 51 Plug & Perf {No significant changes from design. All shots fired on depth.} Itvl: 16353 - 16581 ft Plug Depth: 16594 ft Avg Rate: 22 bpm Max Rate: 23 bpm Avg Pres: 6062 psi Max Pres: 6271 psi PD Vol: 345 bbl / 500 GAL HCR 7000 PD Tension: 840 lbs Water Type: {Produced} Plug Type: {BUBBA} Plug Manufacturer: INNOVEX WL Misrun: {No} WL Misrun Comments: {None}
10:45	13:25	2.67	50STIM	DT	WOOW	P	WOOW
13:25	13:25	0.00	50STIM	ST	HOFRAC	P	HO TO FRAC



**Date:** 06/02/2024  
**Report No:** 18

From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
13:25	15:26	2.02	50STIM	ST	FRAC	P	Stage 34 of 51 Frac {SMART SWAP} Open Pres: 4385 psi Avg Rate: 120.7 bpm Max Rate: 122.7 bpm Avg Pres: 8550 psi Max Pres: 9081 psi Proppant: 644310 lbs % Placed: 100.0% 100 Mesh White: 0 lbs 100 Mesh Regional: 644310 lbs 40/70 White: 0 lbs 40/70 Regional: 0 lbs Clean Vol: 12931 bbl ISIP: 5548 psi Prod Water: 12931 bbl Fresh Water: 0 bbl Brackish Water: 0 bbl Fluid Type: {SW/HVFR} Screen Out: {No} % Substitution: 40.0 % Diesel Volume: 1498 gal Gas Volume: 137000 scf
15:26	17:40	2.23	50STIM	DT	WOOW	P	WOOW
17:40	18:00	0.33	50STIM	WL	HOWL	P	HOWL
18:00	19:35	1.58	50STIM	WL	PERF	P	Stage 35 of 51 Plug & Perf {G6 +2. All other shots fired on depth} Itvl: 16099 - 16327 ft Plug Depth: 16340 ft Avg Rate: 15 bpm Max Rate: 16 bpm Avg Pres: 6169 psi Max Pres: 6250 psi PD Vol: 335 bbl / 500 GAL HCR 7000 PD Tension: 900 lbs Water Type: {Produced} Plug Type: {BUBBA} Plug Manufacturer: INNOVEX WL Misrun: {No} WL Misrun Comments: {None}
19:35	19:36	0.02	50STIM	ST	HOFRAC	P	HOFRAC

OXY USA INC								
DAILY OPERATIONS PARTNER 30 HOUR REPORT								
Event:		DEV COMPLETION			HELGA 19-0-4-40 A 11H		Date:	06/02/2024
Prim. Reason:		CASED HOLE			USA		Report No:	18
From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details	
19:36	21:30	1.90	50STIM	ST	FRAC	P	Stage 35 of 51 Frac {No significant deviations from design} Open Pres: 4288 psi Avg Rate: 119 bpm Max Rate: 119.9 bpm Avg Pres: 8429 psi Max Pres: 8682 psi Proppant: 636190 lbs % Placed: 100.0% 100 Mesh White: 0 lbs 100 Mesh Regional: 636190 lbs 40/70 White: 0 lbs 40/70 Regional: 0 lbs Clean Vol: 11986 bbl ISIP: 5605 psi Prod Water: 11986 bbl Fresh Water: 0 bbl Brackish Water: 0 bbl Fluid Type: {SW/HVFR} Screen Out: {No} % Substitution: 48.0 % Diesel Volume: 1446 gal Gas Volume: 183000 scf	
21:30	23:05	1.58	50STIM	DT	WOOW	P	WOOW	
23:05	23:23	0.30	50STIM	WL	HOWL	P	HOWL	
23:23	0:00	0.62	50STIM	WL	PERF	P	START STAGE 36 P&P	
Total Time		24.00						
OPERATIONS - NEXT DAY								
From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details	
0:00			50STIM	WL	PERF	P	Stage of Plug & Perf {State any deviation on depth, or the following: All shots fired on depth.} Itvl: – ft Plug Depth: ft Avg Rate: bpm Max Rate: bpm Avg Pres: psi Max Pres: psi PD Vol: bbl PD Tension: lbs Water Type: {Fresh Brackish or Produced} Plug Type: {Composite Dissolvable} Plug Manufacturer: WL Misrun: {Yes/No} WL Misrun Comments: {Enter misrun comments here}	
Total Time		0.00						
Safety Incident?		N		Days since Last RI:		Weather Comments:		
Environ Incident?		N		Days since Last LTA				
Incident Comments:		No incidents reported last 24 hours.						
Other Remarks:								

**Date:** 06/03/2024  
**Report No:** 19

Current Formation	@	Lithology:
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Current Ops:	24 HR FRAC OPS
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24-Hr Summary: FRAC STAGES 36 - 37 OF 51

24-Hr Summary:	CONT 24 HR FRAC OPS
24-Hr Forecast:	CONT 24 HR FRAC OPS

PERSONNEL	SURVEY DATA (LAST 6)
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**BIT RECORD**

## BIT OPERATING PARAMETERS TODAY

[illegible]

MUD DATA -	LAST OR CURRENT BHA
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VG Meter:
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MUD PRODUCTS
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<div>OXY USA INC</div> <div>DAILY OPERATIONS PARTNER 30 HOUR REPORT</div> <div> <div> <div>Event:</div> <div>DEV COMPLETION</div> </div> <div> <div>Prim. Reason:</div> <div>CASED HOLE</div> </div> <div> <div>HELGA 19-0-4-40 A 11H</div> <div>USA</div> </div> <div> <div>Date:</div> <div>06/03/2024</div> </div> <div> <div>Report No:</div> <div>19</div> </div> </div>							
OPERATIONS							
From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
0:00	9:43	9.72	50STIM	WL	PERF	P	11H stage 36 WL: WL on bottom @ 16,116(plug depth) with no hydraulics to pull out. A Liberty WL mechanic is here on location troubleshooting the issue . WL has regained operations in this logger but only in 1st gear. Between discussions with WL manager and CE, decision was made to not spot acid across the plug per fear of further issues POOH. Plug is set @ 16,116 and injection of 1 opened set of clusters from Stg 35 is 4 bpm @ 5680. Guns 1 - 3 were shot @ 16,112', 16107.5 & 16101.5. Shot 10 for stg 35 is @ 16,099. Injection for 50 bbls was sustained at 18 bpm @ 6630. WL is POOH in 1st gear @ 115 ft/min. WL on surface @ 9:19. Frac flushed the wellbore @ 50 bpm @ 8050 for 588 bbls. WL is rigging up the back-up logger with Quality line.
9:43	12:11	2.47	50STIM	WL	RUDSEQ	P	SWAPPING OUT LOGGERS
12:11	13:48	1.62	50STIM	WL	PERF	P	Stage 36 of 51 Plug & Perf {G3 -2. All other shots fired on depth} Itvl: 15847 - 16073 ft Plug Depth: 16086 ft Avg Rate: 20 bpm Max Rate: 20 bpm Avg Pres: 5486 psi Max Pres: 5795 psi PD Vol: 1358 bbl PD Tension: 980 lbs Water Type: {Produced} Plug Type: {BUBBA} Plug Manufacturer: INNOVEX WL Misrun: {Yes} WL Misrun Comments: {WL lost hydraulics when on bottom. WL was able to regain 1st gear to set the plug and shoot 3 guns. Verified inj test and POOH.}
13:48	13:53	0.08	50STIM	ST	HOFRAC	P	HOFRAC
13:53	13:59	0.10	50STIM	ST	HOFRAC	PT	STARTING EQUIPMENT
13:59	15:56	1.95	50STIM	ST	FRAC	P	Stage 36 of 51 Frac {No significant deviations from design} Open Pres: 3665 psi Avg Rate: 112.9 bpm Max Rate: 122 bpm Avg Pres: 8424 psi Max Pres: 8948 psi Proppant: 640360 lbs % Placed: 100.0% 100 Mesh White: 0 lbs 100 Mesh Regional: 640360 lbs 40/70 White: 0 lbs 40/70 Regional: 0 lbs Clean Vol: 12360 bbl ISIP: 5510 psi Prod Water: 9888 bbl Fresh Water: 0 bbl Brackish Water: 2472 bbl Fluid Type: {SW/HVFR} Screen Out: {No} % Substitution: 45.4 % Diesel Volume: 1286 gal Gas Volume: 147000 scf
15:56	17:05	1.15	50STIM	DT	WOOW	P	WOOW
17:05	17:28	0.38	50STIM	WL	HOWL	P	HOWL

<div>OXY USA INC</div> <div>DAILY OPERATIONS PARTNER 30 HOUR REPORT</div> <div> <div> <div>Event:</div> <div>DEV COMPLETION</div> </div> <div> <div>Prim. Reason:</div> <div>CASED HOLE</div> </div> <div> <div>HELGA 19-0-4-40 A 11H</div> <div>USA</div> </div> <div> <div>Date:</div> <div>06/03/2024</div> </div> <div> <div>Report No:</div> <div>19</div> </div> </div>							
From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
17:28	18:55	1.45	50STIM	WL	PERF	P	Stage 37 of 51 Plug & Perf {No significant changes from design. All shots fired on depth.} Itvl: 15591 - 15819 ft Plug Depth: 15832 ft Avg Rate: 21 bpm Max Rate: 22 bpm Avg Pres: 5487 psi Max Pres: 5860 psi PD Vol: 215 bbl / 500 GAL HCR 7000 PD Tension: 1070 lbs Water Type: {Produced} Plug Type: {BUBBA} Plug Manufacturer: INNOVEX WL Misrun: {No} WL Misrun Comments: {None}
18:55	19:23	0.47	50STIM	DT	WOOW	P	WOOW
19:23	19:28	0.08	50STIM	ST	HOFRAC	P	HOFRAC
19:28	19:36	0.13	50STIM	ST	HOFRAC	PT	GENERATOR ON SCORPION OVERHEATED - SWAPPING OUT TO THE BLACKSTAR
19:36	21:24	1.80	50STIM	ST	FRAC	P	Stage 37 of 51 Frac {No significant deviations from design} Open Pres: 3629 psi Avg Rate: 125.8 bpm Max Rate: 126.8 bpm Avg Pres: 8479 psi Max Pres: 8777 psi Proppant: 633410 lbs % Placed: 100.0% 100 Mesh White: 0 lbs 100 Mesh Regional: 633410 lbs 40/70 White: 0 lbs 40/70 Regional: 0 lbs Clean Vol: 12044 bbl ISIP: 5206 psi Prod Water: 6022 bbl Fresh Water: 0 bbl Brackish Water: 6022 bbl Fluid Type: {SW/HVFR} Screen Out: {No} % Substitution: 38.6 % Diesel Volume: 1910 gal Gas Volume: 165000 scf
21:24	22:15	0.85	50STIM	DT	WOOW	P	WOOW
22:15	22:36	0.35	50STIM	WL	HOWL	P	HOWL
22:36	23:45	1.15	50STIM	WL	PERF	P	Stage 38 of 51 Plug & Perf {No significant changes from design. All shots fired on depth.} Itvl: 15337 - 15565 ft Plug Depth: 15578 ft Avg Rate: 21 bpm Max Rate: 22 bpm Avg Pres: 5219 psi Max Pres: 5567 psi PD Vol: 186 bbl PD Tension: 1080 lbs Water Type: {Produced} Plug Type: {BUBBA} Plug Manufacturer: INNOVEX WL Misrun: {No} WL Misrun Comments: {None}
23:45	0:00	0.25	50STIM	DT	WOOW	P	WOOW
Total Time		24.00					

<div>OXY USA INC</div> <div>DAILY OPERATIONS PARTNER 30 HOUR REPORT</div> <div> <div> <div>Event:</div> <div>DEV COMPLETION</div> </div> <div> <div>Prim. Reason:</div> <div>CASED HOLE</div> </div> <div> <div>HELGA 19-0-4-40 A 11H</div> <div>USA</div> </div> <div> <div>Date:</div> <div>06/03/2024</div> </div> <div> <div>Report No:</div> <div>19</div> </div> </div>							
OPERATIONS - NEXT DAY							
From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
0:00	0:18	0.30	50STIM	DT	WOOW	P	WOOW
0:18	0:23	0.08	50STIM	ST	HOFRAC	P	HOFRAC
0:23	0:28	0.08	50STIM	ST	HOFRAC	PT	MIRU P23, SWAP GENERATORS ON SCORPION, REBOOT BLENDER
0:28	2:22	1.90	50STIM	ST	FRAC	P	Stage 38 of 51 Frac {No significant deviations from design} Open Pres: 3551 psi Avg Rate: 122.6 bpm Max Rate: 125.5 bpm Avg Pres: 8162 psi Max Pres: 8663 psi Proppant: 640380 lbs % Placed: 100.0% 100 Mesh White: 0 lbs 100 Mesh Regional: 640380 lbs 40/70 White: 0 lbs 40/70 Regional: 0 lbs Clean Vol: 12306 bbl ISIP: 5586 psi Prod Water: 9844.8 bbl Fresh Water: 0 bbl Brackish Water: 2461.2 bbl Fluid Type: {SW/HVFR} Screen Out: {No} % Substitution: 49.2 % Diesel Volume: 1486 gal Gas Volume: 198000 scf
2:22	2:48	0.43	50STIM	DT	WOOW	P	WOOW
2:48	3:08	0.33	50STIM	WL	HOWL	P	HOWL
3:08	4:15	1.12	50STIM	WL	PERF	P	Stage 39 of 51 Plug & Perf {PLUG +2. All other shots fired on depth} Itvl: 15083 - 15311 ft Plug Depth: 15326 ft Avg Rate: 21 bpm Max Rate: 22 bpm Avg Pres: 5012 psi Max Pres: 5341 psi PD Vol: 178 bbl PD Tension: 960 lbs Water Type: {Produced} Plug Type: {BUBBA} Plug Manufacturer: INNOVEX WL Misrun: {No} WL Misrun Comments: {None}
4:15	5:45	1.50	50STIM	DT	WOOW	P	WOOW

OXY USA INC							
DAILY OPERATIONS PARTNER 30 HOUR REPORT							
Event:		DEV COMPLETION		HELGA 19-0-4-40 A 11H		Date: 06/03/2024	
Prim. Reason:		CASED HOLE		USA		Report No: 19	
5:45	7:38	1.88	50STIM	ST	FRAC	P	Stage 39 of 51 Frac {SMART SWAP} Open Pres: 3335 psi Avg Rate: 121 bpm Max Rate: 125 bpm Avg Pres: 8113 psi Max Pres: 9138 psi Proppant: 645030 lbs % Placed: 100.0% 100 Mesh White: 0 lbs 100 Mesh Regional: 645030 lbs 40/70 White: 0 lbs 40/70 Regional: 0 lbs Clean Vol: 12266 bbl ISIP: 5472 psi Prod Water: 9812.8 bbl Fresh Water: 0 bbl Brackish Water: 2453.2 bbl Fluid Type: {SW/HVFR} Screen Out: {No} % Substitution: 38.0 % Diesel Volume: 1872 gal Gas Volume: 159000 scf
5:45	5:45	0.00	50STIM	ST	HOFRAC	P	HO TO FRAC
Total Time		7.63					
Safety Incident?		N		Days since Last RI:		Weather Comments:	
Environ Incident?		N		Days since Last LTA			
Incident Comments:		No incidents reported last 24 hours.					
Other Remarks:							

OXY USA INC

DAILY OPERATIONS PARTNER 30 HOUR REPORT

Event: DEV COMPLETION

Prim. Reason: CASSED HOLE

HELGA 19-0-4-40 A 11H

USA

Date: 06/04/2024

Report No: 20

Wellbore / Top MD: 00 @ 0 ft

Today's MD:

Prev MD:

PBMD:

Rig: LIBERTY LOS ECLIPSE

Progress:

Rot Hrs Today:

Avg ROP Today: 0.0 ft/hr

Ref Datum: HP396 30.5'KB @2,769.90ft

Ground Elev: 2,739.40 ft

AFE MD/Days: / days

AFE Number: C23-02924.03.01.10

DFS/DOL

Daily Cost: \$298,830

Cum Cost: \$3,136,269

AFE Cost: \$4,753,533

Current Formation @

Lithology:

Current Ops: 24HR FRAC OPS

24-Hr Summary: FRAC STAGES 38 - 41 OF 51

24-Hr Forecast: CONT 24HR FRAC OPS

CASING/WELL CONTROL		HOOKLOAD & TORQUE		HYDRAULICS		MUD GAS		Avg	Max
Last Casing:	9.625in @ 11,125ft	Str Wt Up/Dn:	/	Pump Rate:	0.0	Conn:			
Next Casing:	9.625in @ 11,110ft	Str Wt Rot:		Pump Press:	0	Trip:			
Last BOP Press Test:		Torq Off Btm:				Backgr:			
Form Test/EMW:	FIT / 15.02 ppg	Torq On Btm:							

PERSONNEL		SURVEY DATA (LAST 6)								
		MD	Incl	Azi	TVD	N-S	E-W	VS	DLS	Build
Supervisor 1:	LARRY SMITH	25,064.0	88.67	342.33	11,585.17	12,012.3	-4,465.4	12,815.4	0.47	-0.31
Supervisor 2:	ALEX HULL	24,994.0	88.89	342.57	11,583.68	11,945.6	-4,444.3	12,745.5	1.55	-1.09
Engineer:	RYAN MCGREGOR	24,900.0	89.91	343.61	11,582.70	11,855.6	-4,416.9	12,651.7	0.17	0.16
Geologist:		24,806.0	89.76	343.56	11,582.43	11,765.5	-4,390.4	12,557.9	0.65	-0.44
Oxy Personnel:	0	24,712.0	90.17	344.01	11,582.37	11,675.2	-4,364.1	12,464.2	1.12	-0.17
Contractor Personnel	0	24,618.0	90.33	345.05	11,582.78	11,584.6	-4,339.0	12,370.5	2.42	0.49
Total on Site:	0									

BIT RECORD											
Bit No	Size	Manufacturer	Model	Part	Serial No	IADC Code	Nozzles	MD In	MD Out	I-O-D-L	B-G-O-R
										--	--

BIT OPERATING PARAMETERS TODAY												
Bit No	Rot Hrs	Cum Rot Hrs	Prog	Cum Prog	ROP	Cum ROP	WOB min/max	RPM min/max	TFA	P Drop Bit	Noz Vel	HHPSI

MUD DATA -				LAST OR CURRENT BHA				
Engineer:		MBT:						
Sample From:		pH:						
Mud Type:		Pm / Pom:						
Time / MD: /		Pf / Mf:	/					
Density @ Temp: /		Chlorides:						
Rheology Temp:		Ca++ / K+:	/					
Viscosity:		CaCl2:						
PV / YP:	/	Cl- in water phase:						
Gels 10s/10m/30m: / /		Lime:						
API WL:		ES:						
HTHP WL:		ECD:						
Cake API / HTHP: /		n / K:	/					
Solids / Sol Corr: /		Carbonate:						
Oil / Water: /		Bicarbonate:						
Oil / Water % for OWR: /		Form Loss / Cum Loss	/ 0.0					
Sand:		Fluid Disch:	/					
Water Added:		Daily Mud Cost:	\$0					
Oil Added:		Cum Mud Cost:	\$0					
LGS:	/							
VG Meter:								
Comments:								

MUD PRODUCTS			
Product	Number of Units	Units	Qty Used



**Date:** 06/04/2024  
**Report No:** 20

### Operation Details

From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
0:00	0:18	0.30	50STIM	DT	WOOW	P	WOOW
0:18	0:23	0.08	50STIM	ST	HOFRAC	P	HOFRAC
0:23	0:28	0.08	50STIM	ST	HOFRAC	PT	MIRU P23, SWAP GENERATORS ON SCORPION, REBOOT BLENDER
0:28	2:22	1.90	50STIM	ST	FRAC	P	Stage 38 of 51 Frac {No significant deviations from design} Open Pres: 3551 psi Avg Rate: 122.6 bpm Max Rate: 125.5 bpm Avg Pres: 8162 psi Max Pres: 8663 psi Proppant: 640380 lbs % Placed: 100.0% 100 Mesh White: 0 lbs 100 Mesh Regional: 640380 lbs 40/70 White: 0 lbs 40/70 Regional: 0 lbs Clean Vol: 12306 bbl ISIP: 5586 psi Prod Water: 9844.8 bbl Fresh Water: 0 bbl Brackish Water: 2461.2 bbl Fluid Type: {SW/HVFR} Screen Out: {No} % Substitution: 49.2 % Diesel Volume: 1486 gal Gas Volume: 198000 scf
2:22	2:48	0.43	50STIM	DT	WOOW	P	WOOW
2:48	3:08	0.33	50STIM	WL	HOWL	P	HOWL
3:08	4:15	1.12	50STIM	WL	PERF	P	Stage 39 of 51 Plug & Perf {PLUG +2. All other shots fired on depth} Itvl: 15083 - 15311 ft Plug Depth: 15326 ft Avg Rate: 21 bpm Max Rate: 22 bpm Avg Pres: 5012 psi Max Pres: 5341 psi PD Vol: 178 bbl PD Tension: 960 lbs Water Type: {Produced} Plug Type: {BUBBA} Plug Manufacturer: INNOVEX WL Misrun: {No} WL Misrun Comments: {None}
4:15	5:45	1.50	50STIM	DT	WOOW	P	WOOW
5:45	5:45	0.00	50STIM	ST	HOFRAC	P	HO TO FRAC

<div>OXY USA INC</div> <div>DAILY OPERATIONS PARTNER 30 HOUR REPORT</div> <div> <div> <div>Event:</div> <div>DEV COMPLETION</div> </div> <div> <div>Prim. Reason:</div> <div>CASED HOLE</div> </div> <div> <div>HELGA 19-0-4-40 A 11H</div> <div>USA</div> </div> <div> <div>Date:</div> <div>06/04/2024</div> </div> <div> <div>Report No:</div> <div>20</div> </div> </div>							
From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
5:45	7:38	1.88	50STIM	ST	FRAC	P	Stage 39 of 51 Frac {SMART SWAP} Open Pres: 3335 psi Avg Rate: 121 bpm Max Rate: 125 bpm Avg Pres: 8113 psi Max Pres: 9138 psi Proppant: 645030 lbs % Placed: 100.0% 100 Mesh White: 0 lbs 100 Mesh Regional: 645030 lbs 40/70 White: 0 lbs 40/70 Regional: 0 lbs Clean Vol: 12266 bbl ISIP: 5472 psi Prod Water: 9812.8 bbl Fresh Water: 0 bbl Brackish Water: 2453.2 bbl Fluid Type: {SW/HVFR} Screen Out: {No} % Substitution: 38.0 % Diesel Volume: 1872 gal Gas Volume: 159000 scf
7:38	7:42	0.07	50STIM	WL	HOWL	P	HO TO WL
7:42	9:01	1.32	50STIM	WL	PERF	P	Stage 40 of 51 Plug & Perf {G6 +3. All other shots fired on depth} Itvl: 14829 - 15057 ft Plug Depth: 15070 ft Avg Rate: 20 bpm Max Rate: 21 bpm Avg Pres: 5088 psi Max Pres: 5361 psi PD Vol: 150 bbl PD Tension: 970 lbs Water Type: {Produced} Plug Type: {BUBBA} Plug Manufacturer: INNOVEX WL Misrun: {No} WL Misrun Comments: {None}
9:01	11:10	2.15	50STIM	DT	WOOW	P	WOOW
11:10	11:10	0.00	50STIM	ST	HOFRAC	P	HO TO FRAC

<div>OXY USA INC</div> <div>DAILY OPERATIONS PARTNER 30 HOUR REPORT</div> <div> <div> <div>Event:</div> <div>DEV COMPLETION</div> </div> <div> <div>Prim. Reason:</div> <div>CASED HOLE</div> </div> <div> <div>HELGA 19-0-4-40 A 11H</div> <div>USA</div> </div> <div> <div>Date:</div> <div>06/04/2024</div> </div> <div> <div>Report No:</div> <div>20</div> </div> </div>							
From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
11:10	13:03	1.88	50STIM	ST	FRAC	P	Stage 40 of 51 Frac {SMART SWAP } Open Pres: 3375 psi Avg Rate: 123 bpm Max Rate: 125 bpm Avg Pres: 8391 psi Max Pres: 9138 psi Proppant: 640890 lbs % Placed: 100.0% 100 Mesh White: 0 lbs 100 Mesh Regional: 640890 lbs 40/70 White: 0 lbs 40/70 Regional: 0 lbs Clean Vol: 12284 bbl ISIP: 5725 psi Prod Water: 6142 bbl Fresh Water: 0 bbl Brackish Water: 6142 bbl Fluid Type: {SW/HVFR} Screen Out: {No} % Substitution: 23.0 % Diesel Volume: 2809 gal Gas Volume: 118000 scf
13:03	13:05	0.03	50STIM	DT	WOOW	P	WOOW
13:05	13:26	0.35	50STIM	WL	HOWL	P	HOWL
13:26	14:39	1.22	50STIM	WL	PERF	P	Stage 41 of 51 Plug & Perf {G3 -2, G10 -1. All other shots fired on depth} Itvl: 14574 - 14803 ft Plug Depth: 14816 ft Avg Rate: 20 bpm Max Rate: 20 bpm Avg Pres: 4989 psi Max Pres: 5270 psi PD Vol: 140 bbl PD Tension: 890 lbs Water Type: {Produced} Plug Type: {BUBBA} Plug Manufacturer: INNOVEX WL Misrun: {No} WL Misrun Comments: {None}
14:39	16:31	1.87	50STIM	DT	WOOW	P	WOOW
16:31	16:31	0.00	50STIM	ST	HOFRAC	P	HOFRAC

**Date:** 06/04/2024  
**Report No:** 20

From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
16:31	18:29	1.97	50STIM	ST	FRAC	P	Stage 41 of 51 Frac {SMART SWAP} Open Pres: 3299 psi Avg Rate: 119.8 bpm Max Rate: 120.7 bpm Avg Pres: 8266 psi Max Pres: 8663 psi Proppant: 635040 lbs % Placed: 100.0% 100 Mesh White: 0 lbs 100 Mesh Regional: 635040 lbs 40/70 White: 0 lbs 40/70 Regional: 0 lbs Clean Vol: 12767 bbl ISIP: 5301 psi Prod Water: 12767 bbl Fresh Water: 0 bbl Brackish Water: 0 bbl Fluid Type: {SW/HVFR} Screen Out: {No} % Substitution: 37.0 % Diesel Volume: 1910 gal Gas Volume: 154000 scf
18:29	18:30	0.02	50STIM	WL	HOWL	P	HOWL
18:30	19:38	1.13	50STIM	WL	PERF	P	Stage 42 of 51 Plug & Perf {G5 +2. All other shots fired on depth} Itvl: 14321 - 14549 ft Plug Depth: 14562 ft Avg Rate: 21 bpm Max Rate: 22 bpm Avg Pres: 5370 psi Max Pres: 5646 psi PD Vol: 130 bbl PD Tension: 1050 lbs Water Type: {Produced} Plug Type: {BUBBA} Plug Manufacturer: INNOVEX WL Misrun: {No} WL Misrun Comments: {None}
19:38	21:56	2.30	50STIM	DT	WOOW	P	WOOW
21:56	22:01	0.08	50STIM	ST	HOFRAC	P	HOFRAC
22:01	22:08	0.12	50STIM	ST	HOFRAC	PT	RDMO P3 FOR PACKING AND P18 FOR V&S
22:08	0:00	1.87	50STIM	ST	FRAC	P	START OF STAGE 42
Total Time		24.00					

OXY USA INC

DAILY OPERATIONS PARTNER 30 HOUR REPORT

Event: DEV COMPLETION

HELGA 19-0-4-40 A 11H

USA

Date: 06/04/2024

Report No: 20

Prim. Reason: CASED HOLE

OPERATIONS - NEXT DAY

From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
0:00	0:03	0.05	50STIM	ST	FRAC	P	Stage 42 of 51 Frac {No significant deviations from design} Open Pres: 2969 psi Avg Rate: 120.1 bpm Max Rate: 120.6 bpm Avg Pres: 8003 psi Max Pres: 8397 psi Proppant: 629280 lbs % Placed: 100.0% 100 Mesh White: 0 lbs 100 Mesh Regional: 629280 lbs 40/70 White: 0 lbs 40/70 Regional: 0 lbs Clean Vol: 12374 bbl ISIP: 5605 psi Prod Water: 12374 bbl Fresh Water: 0 bbl Brackish Water: 0 bbl Fluid Type: {SW/HVFR} Screen Out: {No} % Substitution: 55.0 % Diesel Volume: 1257 gal Gas Volume: 211000 scf
0:03	0:08	0.08	50STIM	WL	HOWL	P	HOWL
0:08	1:10	1.03	50STIM	WL	PERF	P	Stage 43 of 51 Plug & Perf {G2 -2. All other shots fired on depth} Itvl: 14067 - 14295 ft Plug Depth: 14308 ft Avg Rate: 21 bpm Max Rate: 22 bpm Avg Pres: 5417 psi Max Pres: 5646 psi PD Vol: 123 bbl PD Tension: 1100 lbs Water Type: {Produced} Plug Type: {BUBBA} Plug Manufacturer: INNOVEX WL Misrun: {No} WL Misrun Comments: {None}
1:10	3:24	2.23	50STIM	DT	WOOW	P	WOOW
3:24	3:29	0.08	50STIM	ST	HOFRAC	P	HOFRAC

6/5/2024

8:23:25AM

Page 6 of 7

OXY USA INC							
DAILY OPERATIONS PARTNER 30 HOUR REPORT							
Event:		DEV COMPLETION		HELGA 19-0-4-40 A 11H		Date: 06/04/2024	
Prim. Reason:		CASED HOLE		USA		Report No: 20	
3:29	5:24	1.92	50STIM	ST	FRAC	P	Stage 43 of 51 Frac {No significant deviations from design} Open Pres: 3299 psi Avg Rate: 121 bpm Max Rate: 121 bpm Avg Pres: 8171 psi Max Pres: 8568 psi Proppant: 634490 lbs % Placed: 100.0% 100 Mesh White: 0 lbs 100 Mesh Regional: 634490 lbs 40/70 White: 0 lbs 40/70 Regional: 0 lbs Clean Vol: 12622 bbl ISIP: 5586 psi Prod Water: 12622 bbl Fresh Water: 0 bbl Brackish Water: 0 bbl Fluid Type: {SW/HVFR} Screen Out: {No} % Substitution: 58.0 % Diesel Volume: 1343 gal Gas Volume: 258000 scf
5:24	5:29	0.08	50STIM	WL	HOWL	P	HO TO WL
5:29	6:43	1.23	50STIM	WL	PERF	P	Stage 44 of 51 Plug & Perf {No significant changes from design. All shots fired on depth.} Itvl: 13813 - 14041 ft Plug Depth: 14054 ft Avg Rate: 21 bpm Max Rate: 22 bpm Avg Pres: 5438 psi Max Pres: 5818 psi PD Vol: 100 bbl PD Tension: 890 lbs Water Type: {Produced} Plug Type: {BUBBA} Plug Manufacturer: INNOVEX WL Misrun: {No} WL Misrun Comments: {None}
Total Time		6.72					
Safety Incident?		N		Days since Last RI:		Weather Comments:	
Environ Incident?		N		Days since Last LTA			
Incident Comments:		No incidents reported last 24 hours.					
Other Remarks:							

OXY USA INC

DAILY OPERATIONS PARTNER 30 HOUR REPORT

Event: DEV COMPLETION

Prim. Reason: CASSED HOLE

HELGA 19-0-4-40 A 11H

USA

Date: 06/05/2024

Report No: 21

Wellbore / Top MD: 00 @ 0 ft

Today's MD:

Prev MD:

PBMD:

Rig: LIBERTY LOS ECLIPSE

Progress:

Rot Hrs Today:

Avg ROP Today: 0.0 ft/hr

Ref Datum: HP396 30.5'KB @2,769.90ft

Ground Elev: 2,739.40 ft

AFE MD/Days: / days

AFE Number: C23-02924.03.01.10

DFS/DOL

Daily Cost: \$261,818

Cum Cost: \$3,398,087

AFE Cost: \$4,753,533

Current Formation @

Lithology:

Current Ops: 24HR FRAC OPS

24-Hr Summary: FRAC STG:42 - 45 OF 51

24-Hr Forecast: CONT 24HR FRAC OPS

CASING/WELL CONTROL		HOOKLOAD & TORQUE		HYDRAULICS		MUD GAS		Avg	Max
Last Casing:	9.625in @ 11,125ft	Str Wt Up/Dn:	/	Pump Rate:	0.0	Conn:			
Next Casing:	9.625in @ 11,110ft	Str Wt Rot:		Pump Press:	0	Trip:			
Last BOP Press Test:		Torq Off Btm:				Backgr:			
Form Test/EMW:	FIT / 15.02 ppg	Torq On Btm:							

PERSONNEL		SURVEY DATA (LAST 6)								
		MD	Incl	Azi	TVD	N-S	E-W	VS	DLS	Build
Supervisor 1:	LARRY SMITH	25,064.0	88.67	342.33	11,585.17	12,012.3	-4,465.4	12,815.4	0.47	-0.31
Supervisor 2:	ALEX HULL	24,994.0	88.89	342.57	11,583.68	11,945.6	-4,444.3	12,745.5	1.55	-1.09
Engineer:	RYAN MCGREGOR	24,900.0	89.91	343.61	11,582.70	11,855.6	-4,416.9	12,651.7	0.17	0.16
Geologist:		24,806.0	89.76	343.56	11,582.43	11,765.5	-4,390.4	12,557.9	0.65	-0.44
Oxy Personnel:	0	24,712.0	90.17	344.01	11,582.37	11,675.2	-4,364.1	12,464.2	1.12	-0.17
Contractor Personnel	0	24,618.0	90.33	345.05	11,582.78	11,584.6	-4,339.0	12,370.5	2.42	0.49
Total on Site:	0									

BIT RECORD											
Bit No	Size	Manufacturer	Model	Part	Serial No	IADC Code	Nozzles	MD In	MD Out	I-O-D-L	B-G-O-R
										--	--

BIT OPERATING PARAMETERS TODAY												
Bit No	Rot Hrs	Cum Rot Hrs	Prog	Cum Prog	ROP	Cum ROP	WOB min/max	RPM min/max	TFA	P Drop Bit	Noz Vel	HHPSI

MUD DATA -				LAST OR CURRENT BHA				
Engineer:		MBT:						
Sample From:		pH:						
Mud Type:		Pm / Pom:						
Time / MD: /		Pf / Mf:	/					
Density @ Temp: /		Chlorides:						
Rheology Temp:		Ca++ / K+:	/					
Viscosity:		CaCl2:						
PV / YP:	/	Cl- in water phase:						
Gels 10s/10m/30m: / /		Lime:						
API WL:		ES:						
HTHP WL:		ECD:						
Cake API / HTHP: /		n / K:	/					
Solids / Sol Corr: /		Carbonate:						
Oil / Water: /		Bicarbonate:						
Oil / Water % for OWR: /		Form Loss / Cum Loss	/ 0.0					
Sand:		Fluid Disch:	/					
Water Added:		Daily Mud Cost:	\$0					
Oil Added:		Cum Mud Cost:	\$0					
LGS:	/							
VG Meter:								
Comments:								

MUD PRODUCTS			
Product	Number of Units	Units	Qty Used

**Date:** 06/05/2024  
**Report No:** 21

### Operation Details

From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
0:00	0:03	0.05	50STIM	ST	FRAC	P	Stage 42 of 51 Frac {No significant deviations from design} Open Pres: 2969 psi Avg Rate: 120.1 bpm Max Rate: 120.6 bpm Avg Pres: 8003 psi Max Pres: 8397 psi Proppant: 629280 lbs % Placed: 100.0% 100 Mesh White: 0 lbs 100 Mesh Regional: 629280 lbs 40/70 White: 0 lbs 40/70 Regional: 0 lbs Clean Vol: 12374 bbl ISIP: 5605 psi Prod Water: 12374 bbl Fresh Water: 0 bbl Brackish Water: 0 bbl Fluid Type: {SW/HVFR} Screen Out: {No} % Substitution: 55.0 % Diesel Volume: 1257 gal Gas Volume: 211000 scf
0:03	0:08	0.08	50STIM	WL	HOWL	P	HOWL
0:08	1:10	1.03	50STIM	WL	PERF	P	Stage 43 of 51 Plug & Perf {G2 -2. All other shots fired on depth} Itvl: 14067 - 14295 ft Plug Depth: 14308 ft Avg Rate: 21 bpm Max Rate: 22 bpm Avg Pres: 5417 psi Max Pres: 5646 psi PD Vol: 123 bbl PD Tension: 1100 lbs Water Type: {Produced} Plug Type: {BUBBA} Plug Manufacturer: INNOVEX WL Misrun: {No} WL Misrun Comments: {None}
1:10	3:24	2.23	50STIM	DT	WOOW	P	WOOW
3:24	3:28	0.07	50STIM	ST	HOFRAC	P	HOFRAC



**Date:** 06/05/2024  
**Report No:** 21

From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
3:28	5:24	1.93	50STIM	ST	FRAC	P	Stage 43 of 51 Frac {No significant deviations from design} Open Pres: 3299 psi Avg Rate: 121 bpm Max Rate: 121 bpm Avg Pres: 8171 psi Max Pres: 8568 psi Proppant: 634490 lbs % Placed: 100.0% 100 Mesh White: 0 lbs 100 Mesh Regional: 634490 lbs 40/70 White: 0 lbs 40/70 Regional: 0 lbs Clean Vol: 12622 bbl ISIP: 5586 psi Prod Water: 12622 bbl Fresh Water: 0 bbl Brackish Water: 0 bbl Fluid Type: {SW/HVFR} Screen Out: {No} % Substitution: 58.0 % Diesel Volume: 1343 gal Gas Volume: 258000 scf
5:24	5:29	0.08	50STIM	WL	HOWL	P	HO TO WL
5:29	6:43	1.23	50STIM	WL	PERF	P	Stage 44 of 51 Plug & Perf {No significant changes from design. All shots fired on depth.} Itvl: 13813 - 14041 ft Plug Depth: 14054 ft Avg Rate: 21 bpm Max Rate: 22 bpm Avg Pres: 5438 psi Max Pres: 5818 psi PD Vol: 100 bbl PD Tension: 890 lbs Water Type: {Produced} Plug Type: {BUBBA} Plug Manufacturer: INNOVEX WL Misrun: {No} WL Misrun Comments: {None}
6:43	9:13	2.50	50STIM	DT	WOOW	P	WOOW
9:13	9:18	0.08	50STIM	ST	HOFRAC	P	HO TO FRAC
9:18	9:26	0.13	50STIM	ST	HOFRAC	PT	RO P 8, RI P 10, PRIME AND TEST

**Date:** 06/05/2024  
**Report No:** 21

From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
9:26	11:33	2.12	50STIM	ST	FRAC	P	Stage 44 of 51 Frac {No significant deviations from design} Open Pres: 3160 psi Avg Rate: 115 bpm Max Rate: 116 bpm Avg Pres: 7954 psi Max Pres: 9043 psi Proppant: 636700 lbs % Placed: 100.0% 100 Mesh White: 0 lbs 100 Mesh Regional: 636700 lbs 40/70 White: 0 lbs 40/70 Regional: 0 lbs Clean Vol: 12960 bbl ISIP: 5757 psi Prod Water: 12960 bbl Fresh Water: 0 bbl Brackish Water: 0 bbl Fluid Type: {SW/HVFR} Screen Out: {No} % Substitution: 53.0 % Diesel Volume: 1336 gal Gas Volume: 210000 scf
11:33	11:38	0.08	50STIM	WL	HOWL	P	HO TO WL
11:38	12:49	1.18	50STIM	WL	PERF	P	Stage 45 of 51 Plug & Perf {G1 -1. All other shots fired on depth} Itvl: 13559 - 13786 ft Plug Depth: 13800 ft Avg Rate: 20 bpm Max Rate: 22 bpm Avg Pres: 5043 psi Max Pres: 5376 psi PD Vol: 87 bbl PD Tension: 920 lbs Water Type: {Produced} Plug Type: {BUBBA} Plug Manufacturer: INNOVEX WL Misrun: {No} WL Misrun Comments: {None}
12:49	15:51	3.03	50STIM	DT	WOOW	P	WOOW
15:51	15:51	0.00	50STIM	ST	HOFRAC	P	HOFRAC

OXY USA INC							
DAILY OPERATIONS PARTNER 30 HOUR REPORT							
Event:		DEV COMPLETION		HELGA 19-0-4-40 A 11H		Date: 06/05/2024	
Prim. Reason:		CASED HOLE		USA		Report No: 21	
From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
15:51	17:55	2.07	50STIM	ST	FRAC	P	Stage 45 of 51 Frac {SMART SWAP } Open Pres: 2736 psi Avg Rate: 115.1 bpm Max Rate: 119.8 bpm Avg Pres: 7804 psi Max Pres: 8879 psi Proppant: 637780 lbs % Placed: 100.0% 100 Mesh White: 0 lbs 100 Mesh Regional: 637780 lbs 40/70 White: 0 lbs 40/70 Regional: 0 lbs Clean Vol: 12861 bbl ISIP: 5624 psi Prod Water: 10288.8 bbl Fresh Water: 0 bbl Brackish Water: 2572.2 bbl Fluid Type: {SW/HVFR} Screen Out: {No} % Substitution: 47.1 % Diesel Volume: 1486 gal Gas Volume: 182000 scf
17:55	18:00	0.08	50STIM	WL	HOWL	P	HOWL
18:00	19:17	1.28	50STIM	WL	PERF	P	Stage 46 of 51 Plug & Perf {No significant changes from design. All shots fired on depth.} Itvl: 13330 - 13533 ft Plug Depth: 13546 ft Avg Rate: 21 bpm Max Rate: 22 bpm Avg Pres: 5425 psi Max Pres: 5753 psi PD Vol: 104 bbl PD Tension: 950 lbs Water Type: {Produced} Plug Type: {BUBBA} Plug Manufacturer: INNOVEX WL Misrun: {No} WL Misrun Comments: {None}
19:17	22:00	2.72	50STIM	DT	WOOW	P	WOOW
22:00	22:05	0.08	50STIM	ST	HOFRAC	P	HOFRAC
22:05	22:15	0.17	50STIM	ST	HOFRAC	PT	CLEAN ROCK CATCHER, PU P14 & P20
22:15	0:00	1.75	50STIM	ST	FRAC	P	START OF STAGE 46
Total Time		24.00					

**Date:** 06/05/2024  
**Report No:** 21

From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
0:00	0:21	0.35	50STIM	ST	FRAC	P	Stage 46 of 51 Frac {LIMITED TO RATE DUE TO HORSEPOWER} Open Pres: 2561 psi Avg Rate: 111.1 bpm Max Rate: 111.4 bpm Avg Pres: 7636 psi Max Pres: 7941 psi Proppant: 645440 lbs % Placed: 100.0% 100 Mesh White: 0 lbs 100 Mesh Regional: 645440 lbs 40/70 White: 0 lbs 40/70 Regional: 0 lbs Clean Vol: 12490 bbl ISIP: 5776 psi Prod Water: 7494 bbl Fresh Water: 0 bbl Brackish Water: 4996 bbl Fluid Type: {SW/HVFR} Screen Out: {No} % Substitution: 50.1 % Diesel Volume: 1486 gal Gas Volume: 205000 scf
0:21	0:28	0.12	50STIM	WL	HOWL	P	HOWL
0:28	1:47	1.32	50STIM	WL	PERF	P	Stage 47 of 51 Plug & Perf {G7 +2 . All other shots fired on depth} Itvl: 13051 - 13279 ft Plug Depth: 13292 ft Avg Rate: 20 bpm Max Rate: 21 bpm Avg Pres: 6240 psi Max Pres: 6530 psi PD Vol: 107 bbl PD Tension: 1100 lbs Water Type: {Produced} Plug Type: {BUBBA} Plug Manufacturer: INNOVEX WL Misrun: {No} WL Misrun Comments: {None}
1:47	3:47	2.00	50STIM	DT	WOOW	P	WOOW
3:47	3:47	0.00	50STIM	ST	HOFRAC	P	HO TO FRAC

OXY USA INC								
DAILY OPERATIONS PARTNER 30 HOUR REPORT								
Event:		DEV COMPLETION			HELGA 19-0-4-40 A 11H		Date:	06/05/2024
Prim. Reason:		CASED HOLE			USA		Report No:	21
3:47	5:48	2.02	50STIM	ST	FRAC	P	Stage 47 of 51 Frac {SMART SWAP / LIMITED RATE DUE TO HORSEPOWER} Open Pres: 3008 psi Avg Rate: 111 bpm Max Rate: 111 bpm Avg Pres: 7575 psi Max Pres: 7903 psi Proppant: 624300 lbs % Placed: 100.0% 100 Mesh White: 0 lbs 100 Mesh Regional: 624300 lbs 40/70 White: 0 lbs 40/70 Regional: 0 lbs Clean Vol: 12228 bbl ISIP: 5795 psi Prod Water: 7336.8 bbl Fresh Water: 0 bbl Brackish Water: 4891.2 bbl Fluid Type: {SW/HVFR} Screen Out: {No} % Substitution: 52.0 % Diesel Volume: 1274 gal Gas Volume: 192000 scf	
5:48	5:53	0.08	50STIM	WL	HOWL	P	HO TO WL	
5:53	7:06	1.22	50STIM	WL	PERF	P	Stage 48 of 51 Plug & Perf {PLUG -4. All other shots fired on depth} Itvl: 12797 - 13025 ft Plug Depth: 13034 ft Avg Rate: 20 bpm Max Rate: 22 bpm Avg Pres: 5979 psi Max Pres: 6259 psi PD Vol: 68 bbl PD Tension: 900 lbs Water Type: {Produced} Plug Type: {BUBBA} Plug Manufacturer: INNOVEX WL Misrun: {No} WL Misrun Comments: {None}	
Total Time		7.10						
Safety Incident?		N		Days since Last RI:		Weather Comments:		
Environ Incident?		N		Days since Last LTA				
Incident Comments:		No incidents reported last 24 hours.						
Other Remarks:								

OXY USA INC

DAILY OPERATIONS PARTNER 30 HOUR REPORT

Event: DEV COMPLETION

Prim. Reason: CASSED HOLE

HELGA 19-0-4-40 A 11H

USA

Date: 06/07/2024

Report No: 23

Wellbore / Top MD: 00 @ 0 ft

Rig: LIBERTY LOS ECLIPSE

Ref Datum: HP396 30.5'KB @2,769.90ft

DFS/DOL

Today's MD:

Progress:

Ground Elev: 2,739.40 ft

Daily Cost: \$226,013

Prev MD:

Rot Hrs Today:

AFE MD/Days: / days

Cum Cost: \$3,960,252

PBMD:

Avg ROP Today: 0.0 ft/hr

AFE Number: C23-02924.03.01.10

AFE Cost: \$4,753,533

Current Formation @

Lithology:

Current Ops: RDMO FRAC AND SUPPORT EQUIPMENT

24-Hr Summary: FRAC STG: 51 OF 51

24-Hr Forecast: RDMO FRAC AND SUPPORT EQUIPMENT

CASING/WELL CONTROL		HOOKLOAD & TORQUE		HYDRAULICS		MUD GAS		Avg	Max
Last Casing:	9.625in @ 11,125ft	Str Wt Up/Dn:	/	Pump Rate:	0.0	Conn:			
Next Casing:	9.625in @ 11,110ft	Str Wt Rot:		Pump Press:	0	Trip:			
Last BOP Press Test:		Torq Off Btm:				Backgr:			
Form Test/EMW:	FIT / 15.02 ppg	Torq On Btm:							

PERSONNEL		SURVEY DATA (LAST 6)								
		MD	Incl	Azi	TVD	N-S	E-W	VS	DLS	Build
Supervisor 1:	LARRY SMITH	25,064.0	88.67	342.33	11,585.17	12,012.3	-4,465.4	12,815.4	0.47	-0.31
Supervisor 2:	ALEX HULL	24,994.0	88.89	342.57	11,583.68	11,945.6	-4,444.3	12,745.5	1.55	-1.09
Engineer:	RYAN MCGREGOR	24,900.0	89.91	343.61	11,582.70	11,855.6	-4,416.9	12,651.7	0.17	0.16
Geologist:		24,806.0	89.76	343.56	11,582.43	11,765.5	-4,390.4	12,557.9	0.65	-0.44
Oxy Personnel:	0	24,712.0	90.17	344.01	11,582.37	11,675.2	-4,364.1	12,464.2	1.12	-0.17
Contractor Personnel	0	24,618.0	90.33	345.05	11,582.78	11,584.6	-4,339.0	12,370.5	2.42	0.49
Total on Site:	0									

BIT RECORD											
Bit No	Size	Manufacturer	Model	Part	Serial No	IADC Code	Nozzles	MD In	MD Out	I-O-D-L	B-G-O-R
										--	--

BIT OPERATING PARAMETERS TODAY												
Bit No	Rot Hrs	Cum Rot Hrs	Prog	Cum Prog	ROP	Cum ROP	WOB min/max	RPM min/max	TFA	P Drop Bit	Noz Vel	HHPSI

MUD DATA -				LAST OR CURRENT BHA				
Engineer:		MBT:						
Sample From:		pH:						
Mud Type:		Pm / Pom:						
Time / MD: /		Pf / Mf:	/					
Density @ Temp: /		Chlorides:						
Rheology Temp:		Ca++ / K+:	/					
Viscosity:		CaCl2:						
PV / YP:	/	Cl- in water phase:						
Gels 10s/10m/30m:	//	Lime:						
API WL:		ES:						
HTHP WL:		ECD:						
Cake API / HTHP:	/	n / K:	/					
Solids / Sol Corr:	/	Carbonate:						
Oil / Water:	/	Bicarbonate:						
Oil / Water % for OWR:	/	Form Loss / Cum Loss	/ 0.0					
Sand:		Fluid Disch:	/					
Water Added:		Daily Mud Cost:	\$0					
Oil Added:		Cum Mud Cost:	\$0					
LGS:	/							
VG Meter:								
Comments:								

MUD PRODUCTS			
Product	Number of Units	Units	Qty Used

OXY USA INC							
DAILY OPERATIONS PARTNER 30 HOUR REPORT							
Event:		DEV COMPLETION		HELGA 19-0-4-40 A 11H		Date: 06/07/2024	
Prim. Reason:		CASED HOLE		USA		Report No: 23	
OPERATIONS							
From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
0:00	0:38	0.63	50STIM	WL	PERF	P	Stage 51 of 51 Plug & Perf {G5 + 2 . All other shots fired on depth} Itvl: 12035 - 12263 ft Plug Depth: 12276 ft Avg Rate: 18 bpm Max Rate: 20 bpm Avg Pres: 5114 psi Max Pres: 5414 psi PD Vol: 93 bbl / 1000 GAL HCR 7000 PD Tension: 900 lbs Water Type: {Produced} Plug Type: {BUBBA} Plug Manufacturer: INNOVEX WL Misrun: {No} WL Misrun Comments: {None}
0:38	2:26	1.80	50STIM	DT	WOOW	P	WOOW
2:26	2:26	0.00	50STIM	ST	HOFRAC	P	HOFRAC
2:26	4:18	1.87	50STIM	ST	FRAC	P	Stage 51 of 51 Frac {SMART SWAP } Open Pres: 3396 psi Avg Rate: 119 bpm Max Rate: 123 bpm Avg Pres: 7698 psi Max Pres: 8321 psi Proppant: 627510 lbs % Placed: 100.0% 100 Mesh White: 0 lbs 100 Mesh Regional: 627510 lbs 40/70 White: 0 lbs 40/70 Regional: 0 lbs Clean Vol: 11820 bbl ISIP: 5700 psi Prod Water: 7092 bbl Fresh Water: 0 bbl Brackish Water: 4728 bbl Fluid Type: {SW/HVFR} Screen Out: {No} % Substitution: 49.0 % Diesel Volume: 1373 gal Gas Volume: 182000 scf
4:18	11:27	7.15	50CLOT	DT	WOOW	P	WOOW SICP - 5700 INTERMEDIATE - 200 ,PSI SURFACE - 60 PSI
11:27	12:00	0.55	50CLOT	SF	PJSM	P	SI & SECURE WELLS, FLUSH AND FAN OUT EQUIPMENT HELD PRE-RIG DOWN MEETING WITH ALL BUSINESS PARTNERS ON LOCATION
12:00	18:00	6.00	50CLOT	ST	RUDSEQ	P	RDMO FRAC AND ASSOCIATED EQUIPMENT

OXY USA INC								
DAILY OPERATIONS PARTNER 30 HOUR REPORT								
Event:		DEV COMPLETION			HELGA 19-0-4-40 A 11H		Date:	06/07/2024
Prim. Reason:		CASED HOLE			USA		Report No:	23
From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details	
18:00	0:00	6.00	50CLOT	ST	RUDSEQ	P	FRAC / LOS: 70% RD PDP / LOS: 100% RD WL / LOS: 100% RDMO SAND / LOS: 15% RD - Moving empties and full boxes starting tonight FUEL / COMANCHE: 100% RDMO CNG / LPI: 85% RD - Two storage trailers left, few hoses left RESTRAINTS / CENTURION: 100% RD FLOWBACK / CENTURION: 80% RD - Wellheads left FRAC VALVE / ZIPPER / GREASE / FESCO: 10% RD ACID TANK / CONTAINMENT / PATE: 0% RD WATER TRANSER / SWIFTWATER: 90% RD WATER TREATMENT / ORION: 100% RD CRANE / ALLEGIANCE: 0% RD UNITED SAFETY: 0% RD BARRIERS, SIGNS / TEJAS: 0%, RD STALLION: 0%, RD CAMERA: 0%, RD OXY WIFI: 100%, RD PLAN FORWARD: Continue to RDMO Eclipse Frac and Support Equipment.	
Total Time		24.00						
OPERATIONS - NEXT DAY								
From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details	
0:00	6:00	6.00	50CLOT	ST	RUDSEQ	P	FRAC / LOS: 99% RD – Perform Housekeeping, 20 pumps & misc equipment staged on edge of location, Crew MO equipment throughout day PDP / LOS: 100% RD WL / LOS: 100% RD LML / LOS: 30% RD – 180 empty boxes on DF, Scorpion scheduled to move this morning. Mats will be picked up 6/9 09:00 FUEL / COMANCHE: 100% RD CNG / LPI: 95% RD – MO last PRS @ TOR, will MO trailer with misc equipment & hoses this AM RESTRAINTS / CENTURION: 100% RD FLOWBACK / CENTURION: 100% RD FRAC VALVE / ZIPPER / GREASE / FESCO: 90% RD – All connections ND, Hotshots loaded, Night Caps on the tree, waiting on wrench to torque night caps ACID TANK / CONTAINMENT / PATE: 0% RD – ETA 08:00, will move to Helga 14/15 WATER TRANSER / SWIFTWATER: 100% RD WATER TREATMENT / ORION: 100% RD CRANE / ALLEGIANCE: 99% RD – Complete Fesco RDMO assist, RDMO Crane @ TOR UNITED SAFETY: 95% RD – MO Office trailer @ TOR, will MO LEL trailer this AM BARRIERS, SIGNS / TEJAS: 0% RD – ETA 6/8 08:00, will move to Helga 14/15 STALLION: 0% RD – ETA 6/8 11:00, will release trailer CAMERA: 0% RD – ETA 6/8 11:00, will release with trailer OXY WIFI: 100% RD	
Total Time		6.00						
Safety Incident?		N		Days since Last RI:		Weather Comments:		
Environ Incident?		N		Days since Last LTA				
Incident Comments:								
No incidents reported last 24 hours.								
Other Remarks:								



OXY USA INC

DAILY OPERATIONS PARTNER 30 HOUR REPORT

Event: DEV COMPLETION

Prim. Reason: CASSED HOLE

HELGA 19-0-4-40 A 11H

USA

Date: 06/08/2024

Report No: 24

Wellbore / Top MD: 00 @ 0 ft

Rig: LIBERTY LOS ECLIPSE

Ref Datum: HP396 30.5'KB @2,769.90ft

DFS/DOL

Today's MD:

Progress:

Ground Elev: 2,739.40 ft

Daily Cost: \$642

Prev MD:

Rot Hrs Today:

AFE MD/Days: / days

Cum Cost: \$3,959,471

PBMD:

Avq ROP Today: 0.0 ft/hr

AFE Number: C23-02924.03.01.10

AFE Cost: \$4,753,533

Current Formation @

Lithology:

Current Ops:

24-Hr Summary: RDMO

24-Hr Forecast:

CASING/WELL CONTROL		HOOKLOAD & TORQUE		HYDRAULICS		MUD GAS		Avq	Max
Last Casing:	9.625in @ 11,125ft	Str Wt Up/Dn:	/	Pump Rate:	0.0	Conn:			
Next Casing:	9.625in @ 11,110ft	Str Wt Rot:		Pump Press:	0	Trip:			
Last BOP Press Test:		Torq Off Btm:				Backgr:			
Form Test/EMW:	FIT / 15.02 ppg	Torq On Btm:							

PERSONNEL		SURVEY DATA (LAST 6)								
		MD	Incl	Azi	TVD	N-S	E-W	VS	DLS	Build
Supervisor 1:	LARRY SMITH	25,064.0	88.67	342.33	11,585.17	12,012.3	-4,465.4	12,815.4	0.47	-0.31
Supervisor 2:	ALEX HULL	24,994.0	88.89	342.57	11,583.68	11,945.6	-4,444.3	12,745.5	1.55	-1.09
Engineer:	RYAN MCGREGOR	24,900.0	89.91	343.61	11,582.70	11,855.6	-4,416.9	12,651.7	0.17	0.16
Geologist:		24,806.0	89.76	343.56	11,582.43	11,765.5	-4,390.4	12,557.9	0.65	-0.44
Oxy Personnel:	0	24,712.0	90.17	344.01	11,582.37	11,675.2	-4,364.1	12,464.2	1.12	-0.17
Contractor Personnel	0	24,618.0	90.33	345.05	11,582.78	11,584.6	-4,339.0	12,370.5	2.42	0.49
Total on Site:	0									

BIT RECORD											
Bit No	Size	Manufacturer	Model	Part	Serial No	IADC Code	Nozzles	MD In	MD Out	I-O-D-L	B-G-O-R
										--	--

BIT OPERATING PARAMETERS TODAY												
Bit No	Rot Hrs	Cum Rot Hrs	Prog	Cum Prog	ROP	Cum ROP	WOB min/max	RPM min/max	TFA	P Drop Bit	Noz Vel	HHPSI

MUD DATA -				LAST OR CURRENT BHA				
Engineer:		MBT:						
Sample From:		pH:						
Mud Type:		Pm / Pom:						
Time / MD: /		Pf / Mf:	/					
Density @ Temp: /		Chlorides:						
Rheology Temp:		Ca++ / K+:	/					
Viscosity:		CaCl2:						
PV / YP:	/	Cl- in water phase:						
Gels 10s/10m/30m: / /		Lime:						
API WL:		ES:						
HTHP WL:		ECD:						
Cake API / HTHP: /		n / K:	/					
Solids / Sol Corr: /		Carbonate:						
Oil / Water: /		Bicarbonate:						
Oil / Water % for OWR: /		Form Loss / Cum Loss	/ 0.0					
Sand:		Fluid Disch:	/					
Water Added:		Daily Mud Cost:	\$0					
Oil Added:		Cum Mud Cost:	\$0					
LGS:	/							
VG Meter:								
Comments:								

MUD PRODUCTS			
Product	Number of Units	Units	Qty Used

OXY USA INC							
DAILY OPERATIONS PARTNER 30 HOUR REPORT							
Event:		DEV COMPLETION		HELGA 19-0-4-40 A 11H		Date: 06/08/2024	
Prim. Reason:		CASED HOLE		USA		Report No: 24	
OPERATIONS							
From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
0:00	6:00	6.00	50CLOT	ST	RUDSEQ	P	FRAC / LOS: 99% RD – Perform Housekeeping, 20 pumps & misc equipment staged on edge of location, Crew MO equipment throughout day PDP / LOS: 100% RD WL / LOS: 100% RD LML / LOS: 30% RD – 180 empty boxes on DF, Scorpion scheduled to move this morning. Mats will be picked up 6/9 09:00 FUEL / COMANCHE: 100% RD CNG / LPI: 95% RD – MO last PRS @ TOR, will MO trailer with misc equipment & hoses this AM RESTRAINTS / CENTURION: 100% RD FLOWBACK / CENTURION: 100% RD FRAC VALVE / ZIPPER / GREASE / FESCO: 90% RD – All connections ND, Hotshots loaded, Night Caps on the tree, waiting on wrench to torque night caps ACID TANK / CONTAINMENT / PATE: 0% RD – ETA 08:00, will move to Helga 14/15 WATER TRANSER / SWIFTWATER: 100% RD WATER TREATMENT / ORION: 100% RD CRANE / ALLEGIANCE: 99% RD – Complete Fesco RDMO assist, RDMO Crane @ TOR UNITED SAFETY: 95% RD – MO Office trailer @ TOR, will MO LEL trailer this AM BARRIERS, SIGNS / TEJAS: 0% RD – ETA 6/8 08:00, will move to Helga 14/15 STALLION: 0% RD – ETA 6/8 11:00, will release trailer CAMERA: 0% RD – ETA 6/8 11:00, will release with trailer OXY WIFI: 100% RD
6:00	18:00	12.00	50CLOT	ST	RUDSEQ	P	HELGA 11H / 12H / 13H CE: Ryan McGregor WSM Days: Riley Graham, Alex Hull WSM Nights: Tyson Parker, Paul Maldonado  1200-1800  BUSINESS PARTNER / CURRENT STATUS  FRAC / LOS: 100% RD - Ploading empty sand boxes still have misc equipment staged on edge of location, Crew MO equipment throughout night LML / LOS: 40% RD - 168 empty boxes on DF, Mats will be picked up 6/9 09:00 PLAN FORWARD:  Continue to MO Frac and associated equipment, perform housekeeping around location.
18:00	0:00	6.00	50CLOT	ST	RUDSEQ	P	FRAC / LOS: 100% RD – loading empty sand boxes still have misc equipment staged on edge of location, Crew MO equipment throughout night LML / LOS: 40% RD – 168 empty boxes on DF, Mats will be picked up 6/9 09:00 PLAN FORWARD:  Continue to MO Frac and associated equipment, perform housekeeping around location.
Total Time		24.00					
OPERATIONS - NEXT DAY							
From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
0:00	2:00	2.00	50CLOT	ST	RUDSEQ	P	RDMO FRAC AND SUPPORT EQUIPMENT
2:00			50CLOT	SF	RUDEQ	P	Held a refocus meeting with the guys on location. Talked about hand and body placement while on the job. Also mentioned line of fire and identifying escape routes.
Total Time		2.00					
Safety Incident?		N		Days since Last RI:		Weather Comments:	
Environ Incident?		N		Days since Last LTA			
Incident Comments: No incidents reported last 24 hours.							
Other Remarks:							

OXY USA INC

DAILY OPERATIONS PARTNER 30 HOUR REPORT

Event: DEV COMPLETION

Prim. Reason: CASSED HOLE

HELGA 19-0-4-40 A 11H

USA

Date: 06/09/2024

Report No: 25

Wellbore / Top MD: 00 @ 0 ft

Rig: LIBERTY LOS ECLIPSE

Ref Datum: HP396 30.5'KB @2,769.90ft

DFS/DOL

Today's MD: Progress:

Ground Elev: 2,739.40 ft

Daily Cost: \$165

Prev MD: Rot Hrs Today:

AFE MD/Days: / days

Cum Cost: \$3,959,636

PBMD: Avg ROP Today: 0.0 ft/hr

AFE Number: C23-02924.03.01.10

AFE Cost: \$4,753,533

Current Formation @

Lithology:

Current Ops:

24-Hr Summary: RDMO FRAC AND SUPPORT EQUIPMENT

24-Hr Forecast:

CASING/WELL CONTROL		HOOKLOAD & TORQUE		HYDRAULICS		MUD GAS		Avg	Max
Last Casing:	9.625in @ 11,125ft	Str Wt Up/Dn:	/	Pump Rate:	0.0	Conn:			
Next Casing:	9.625in @ 11,110ft	Str Wt Rot:		Pump Press:	0	Trip:			
Last BOP Press Test:		Torq Off Btm:				Backgr:			
Form Test/EMW:	FIT / 15.02 ppg	Torq On Btm:							

PERSONNEL		SURVEY DATA (LAST 6)								
		MD	Incl	Azi	TVD	N-S	E-W	VS	DLS	Build
Supervisor 1:	LARRY SMITH	25,064.0	88.67	342.33	11,585.17	12,012.3	-4,465.4	12,815.4	0.47	-0.31
Supervisor 2:	ALEX HULL	24,994.0	88.89	342.57	11,583.68	11,945.6	-4,444.3	12,745.5	1.55	-1.09
Engineer:	RYAN MCGREGOR	24,900.0	89.91	343.61	11,582.70	11,855.6	-4,416.9	12,651.7	0.17	0.16
Geologist:		24,806.0	89.76	343.56	11,582.43	11,765.5	-4,390.4	12,557.9	0.65	-0.44
Oxy Personnel:	0	24,712.0	90.17	344.01	11,582.37	11,675.2	-4,364.1	12,464.2	1.12	-0.17
Contractor Personnel	0	24,618.0	90.33	345.05	11,582.78	11,584.6	-4,339.0	12,370.5	2.42	0.49
Total on Site:	0									

BIT RECORD											
Bit No	Size	Manufacturer	Model	Part	Serial No	IADC Code	Nozzles	MD In	MD Out	I-O-D-L	B-G-O-R
										--	--

BIT OPERATING PARAMETERS TODAY												
Bit No	Rot Hrs	Cum Rot Hrs	Prog	Cum Prog	ROP	Cum ROP	WOB min/max	RPM min/max	TFA	P Drop Bit	Noz Vel	HHPSI

MUD DATA -				LAST OR CURRENT BHA				
Engineer:		MBT:						
Sample From:		pH:						
Mud Type:		Pm / Pom:						
Time / MD: /		Pf / Mf: /						
Density @ Temp: /		Chlorides:						
Rheology Temp:		Ca++ / K+: /						
Viscosity:		CaCl2:						
PV / YP: /		Cl- in water phase:						
Gels 10s/10m/30m: / /		Lime:						
API WL:		ES:						
HTHP WL:		ECD:						
Cake API / HTHP: /		n / K: /						
Solids / Sol Corr: /		Carbonate:						
Oil / Water: /		Bicarbonate:						
Oil / Water % for OWR: /		Form Loss / Cum Loss / 0.0						
Sand:		Fluid Disch: /						
Water Added:		Daily Mud Cost: \$0						
Oil Added:		Cum Mud Cost: \$0						
LGS: /								
VG Meter:								
Comments:								

MUD PRODUCTS			
Product	Number of Units	Units	Qty Used

OXY USA INC							
DAILY OPERATIONS PARTNER 30 HOUR REPORT							
Event:		DEV COMPLETION		HELGA 19-0-4-40 A 11H		Date: 06/09/2024	
Prim. Reason:		CASED HOLE		USA		Report No: 25	
OPERATIONS							
From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
0:00	2:00	2.00	50CLOT	ST	RUDSEQ	P	RDMO FRAC AND SUPPORT EQUIPMENT
2:00	2:15	0.25	50CLOT	SF	RUDEQ	P	Held a refocus meeting with the guys on location. Talked about hand and body placement while on the job. Also mentioned line of fire and identifying escape routes.
2:15	6:00	3.75	50CLOT	ST	RUDSEQ	P	BUSINESS PARTNER / CURRENT STATUS FRAC / LOS: 100% RD – loading empty sand boxes still have misc equipment staged on edge of location, Crew MO equipment today. LML / LOS: 40% RD – 160 empty boxes on DF, Mats will be picked up 6/9 09:00 PLAN FORWARD: Continue to MO Frac and associated equipment, perform housekeeping around location.
6:00	6:25	0.42	50CLOT	SF	PJSM	P	Held a safety standown meeting with the personnel on location discussing hand placement and awareness, pinch points, exclusions zones around forklift area and sand boxes, moving vehicles, as well as watching out for others keeping them out of the exclusion zones and potential crush areas.
6:25	12:00	5.58	50CLOT	ST	RUDSEQ	P	BUSINESS PARTNER / CURRENT STATUS FRAC / LOS: 100% RD – loading empty sand boxes still have misc equipment staged on edge of location, Crew MO equipment today. LML / LOS: 40% RD – 148 empty boxes on DF, Rig Mats for dance floor being picked up @ TOR  PLAN FORWARD: Continue to MO Frac and associated equipment, perform housekeeping around location.
12:00	17:00	5.00	50CLOT	ST	RUDSEQ	P	FRAC / LOS: 100% RD – loading empty sand boxes. Still have misc equipment staged on edge of location, Crew slowing MO misc equipment today. LML / LOS: 50% RD – 88 empty boxes on edge of pad, loading rig mats on trailers @ TOR Continue to MO Frac and associated equipment, perform housekeeping around location.
17:00	0:00	7.00	50CLOT	ST	RUDSEQ	P	FRAC / LOS: 100% RD – loading empty sand boxes. Still have misc equipment staged on edge of location, Crew slowing MO misc equipment today. LML / LOS: 50% RD – 85 empty boxes on edge of pad, loading rig mats on trailers @ TOR Continue to MO Frac and associated equipment, perform housekeeping around location.
Total Time		24.00					
OPERATIONS - NEXT DAY							
From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
0:00			50CLOT	ST	RUDSEQ	P	RUDSEQ
Total Time		0.00					
Safety Incident?		N	Days since Last RI:			Weather Comments:	
Environ Incident?		N	Days since Last LTA				
Incident Comments: No incidents reported last 24 hours.							
Other Remarks:							

OXY USA INC

DAILY OPERATIONS PARTNER 30 HOUR REPORT

Event: DEV COMPLETION

Prim. Reason: CASSED HOLE

HELGA 19-0-4-40 A 11H

USA

Date: 06/10/2024

Report No: 26

Wellbore / Top MD: 00 @ 0 ft

Rig: LIBERTY LOS ECLIPSE

Ref Datum: HP396 30.5'KB @2,769.90ft

DFS/DOL

Today's MD:

Progress:

Ground Elev: 2,739.40 ft

Daily Cost: \$165

Prev MD:

Rot Hrs Today:

AFE MD/Days: / days

Cum Cost: \$3,959,801

PBMD:

Avq ROP Today: 0.0 ft/hr

AFE Number: C23-02924.03.01.10

AFE Cost: \$4,753,533

Current Formation @

Lithology:

Current Ops:

24-Hr Summary: RDMO FRAC AND SUPPORT EQUIPMENT

24-Hr Forecast:

CASING/WELL CONTROL		HOOKLOAD & TORQUE		HYDRAULICS		MUD GAS		Avq	Max
Last Casing:	9.625in @ 11,125ft	Str Wt Up/Dn:	/	Pump Rate:	0.0	Conn:			
Next Casing:	9.625in @ 11,110ft	Str Wt Rot:		Pump Press:	0	Trip:			
Last BOP Press Test:		Torq Off Btm:				Backgr:			
Form Test/EMW:	FIT / 15.02 ppg	Torq On Btm:							

PERSONNEL		SURVEY DATA (LAST 6)								
		MD	Incl	Azi	TVD	N-S	E-W	VS	DLS	Build
Supervisor 1:	LARRY SMITH	25,064.0	88.67	342.33	11,585.17	12,012.3	-4,465.4	12,815.4	0.47	-0.31
Supervisor 2:	ALEX HULL	24,994.0	88.89	342.57	11,583.68	11,945.6	-4,444.3	12,745.5	1.55	-1.09
Engineer:	RYAN MCGREGOR	24,900.0	89.91	343.61	11,582.70	11,855.6	-4,416.9	12,651.7	0.17	0.16
Geologist:		24,806.0	89.76	343.56	11,582.43	11,765.5	-4,390.4	12,557.9	0.65	-0.44
Oxy Personnel:	0	24,712.0	90.17	344.01	11,582.37	11,675.2	-4,364.1	12,464.2	1.12	-0.17
Contractor Personnel	0	24,618.0	90.33	345.05	11,582.78	11,584.6	-4,339.0	12,370.5	2.42	0.49
Total on Site:	0									

BIT RECORD											
Bit No	Size	Manufacturer	Model	Part	Serial No	IADC Code	Nozzles	MD In	MD Out	I-O-D-L	B-G-O-R
										--	--

BIT OPERATING PARAMETERS TODAY												
Bit No	Rot Hrs	Cum Rot Hrs	Prog	Cum Prog	ROP	Cum ROP	WOB min/max	RPM min/max	TFA	P Drop Bit	Noz Vel	HHPSI

MUD DATA -				LAST OR CURRENT BHA				
Engineer:		MBT:						
Sample From:		pH:						
Mud Type:		Pm / Pom:						
Time / MD: /		Pf / Mf:	/					
Density @ Temp: /		Chlorides:						
Rheology Temp:		Ca++ / K+:	/					
Viscosity:		CaCl2:						
PV / YP:	/	Cl- in water phase:						
Gels 10s/10m/30m: / /		Lime:						
API WL:		ES:						
HTHP WL:		ECD:						
Cake API / HTHP: /		n / K:	/					
Solids / Sol Corr: /		Carbonate:						
Oil / Water: /		Bicarbonate:						
Oil / Water % for OWR: /		Form Loss / Cum Loss	/ 0.0					
Sand:		Fluid Disch:	/					
Water Added:		Daily Mud Cost:	\$0					
Oil Added:		Cum Mud Cost:	\$0					
LGS:	/							
VG Meter:								
Comments:								

MUD PRODUCTS			
Product	Number of Units	Units	Qty Used

OXY USA INC							
DAILY OPERATIONS PARTNER 30 HOUR REPORT							
Event:		DEV COMPLETION		HELGA 19-0-4-40 A 11H		Date: 06/10/2024	
Prim. Reason:		CASED HOLE		USA		Report No: 26	
OPERATIONS							
From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
0:00	12:00	12.00	50CLOT	ST	RUDSEQ	P	BUSINESS PARTNER / CURRENT STATUS FRAC / LOS: 100% RD – Still have some sections of monoline and sand equip on edge of location. LML / LOS: 60%RD – 67 empty boxes on edge of pad to haul off. Continue to MO monoline and sand equipment.
12:00	17:00	5.00	50CLOT	ST	RUDSEQ	P	RUDSEQ
17:00	18:00	1.00	50CLOT	RO	RUDSEQ	P	FRAC / LOS: 100% RD – ALL EQ IS OF PAD ONLY THING PENDING WILL BE THE SAND FORKLIFT. LML / LOS: 60%RD – 24 empty boxes on edge of pad to haul off. Continue to MO SAND BOXES.
18:00	0:00	6.00	50CLOT			P	WAITING ON THREE MORE BOXES AND FORKLIFT
Total Time		24.00					
OPERATIONS - NEXT DAY							
From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
			50CLOT			P	
Total Time		0.00					
Safety Incident?		N		Days since Last RI:		Weather Comments:	
Environ Incident?		N		Days since Last LTA			
Incident Comments:							
No incidents reported last 24 hours.							
Other Remarks:							

OXY USA INC

DAILY OPERATIONS PARTNER 30 HOUR REPORT

Event: DEV COMPLETION

Prim. Reason: CASSED HOLE

HELGA 19-0-4-40 A 11H

USA

Date: 06/11/2024

Report No: 27

Wellbore / Top MD: 00 @ 0 ft

Rig: LIBERTY LOS ECLIPSE

Ref Datum: HP396 30.5'KB @2,769.90ft

DFS/DOL

Today's MD:

Progress:

Ground Elev: 2,739.40 ft

Daily Cost: \$165

Prev MD:

Rot Hrs Today:

AFE MD/Days: / days

Cum Cost: \$3,959,966

PBMD:

Avq ROP Today: 0.0 ft/hr

AFE Number: C23-02924.03.01.10

AFE Cost: \$4,753,533

Current Formation @

Lithology:

Current Ops:

24-Hr Summary:

24-Hr Forecast:

CASING/WELL CONTROL		HOOKLOAD & TORQUE		HYDRAULICS		MUD GAS		Avq	Max
Last Casing:	9.625in @ 11,125ft	Str Wt Up/Dn:	/	Pump Rate:	0.0	Conn:			
Next Casing:	9.625in @ 11,110ft	Str Wt Rot:		Pump Press:	0	Trip:			
Last BOP Press Test:		Torq Off Btm:				Backgr:			
Form Test/EMW:	FIT / 15.02 ppg	Torq On Btm:							

PERSONNEL		SURVEY DATA (LAST 6)								
		MD	Incl	Azi	TVD	N-S	E-W	VS	DLS	Build
Supervisor 1:	LARRY SMITH	25,064.0	88.67	342.33	11,585.17	12,012.3	-4,465.4	12,815.4	0.47	-0.31
Supervisor 2:	ALEX HULL	24,994.0	88.89	342.57	11,583.68	11,945.6	-4,444.3	12,745.5	1.55	-1.09
Engineer:	RYAN MCGREGOR	24,900.0	89.91	343.61	11,582.70	11,855.6	-4,416.9	12,651.7	0.17	0.16
Geologist:		24,806.0	89.76	343.56	11,582.43	11,765.5	-4,390.4	12,557.9	0.65	-0.44
Oxy Personnel:	0	24,712.0	90.17	344.01	11,582.37	11,675.2	-4,364.1	12,464.2	1.12	-0.17
Contractor Personnel	0	24,618.0	90.33	345.05	11,582.78	11,584.6	-4,339.0	12,370.5	2.42	0.49
Total on Site:	0									

BIT RECORD											
Bit No	Size	Manufacturer	Model	Part	Serial No	IADC Code	Nozzles	MD In	MD Out	I-O-D-L	B-G-O-R
										--	--

BIT OPERATING PARAMETERS TODAY												
Bit No	Rot Hrs	Cum Rot Hrs	Prog	Cum Prog	ROP	Cum ROP	WOB min/max	RPM min/max	TFA	P Drop Bit	Noz Vel	HHPSI

MUD DATA -				LAST OR CURRENT BHA				
Engineer:		MBT:						
Sample From:		pH:						
Mud Type:		Pm / Pom:						
Time / MD: /		Pf / Mf:	/					
Density @ Temp: /		Chlorides:						
Rheology Temp:		Ca++ / K+:	/					
Viscosity:		CaCl2:						
PV / YP:	/	Cl- in water phase:						
Gels 10s/10m/30m: / /		Lime:						
API WL:		ES:						
HTHP WL:		ECD:						
Cake API / HTHP: /		n / K:	/					
Solids / Sol Corr: /		Carbonate:						
Oil / Water: /		Bicarbonate:						
Oil / Water % for OWR: /		Form Loss / Cum Loss	/ 0.0					
Sand:		Fluid Disch:	/					
Water Added:		Daily Mud Cost:	\$0					
Oil Added:		Cum Mud Cost:	\$0					
LGS:	/							
VG Meter:								
Comments:								

MUD PRODUCTS			
Product	Number of Units	Units	Qty Used

OXY USA INC							
DAILY OPERATIONS PARTNER 30 HOUR REPORT							
Event:		DEV COMPLETION		HELGA 19-0-4-40 A 11H		Date: 06/11/2024	
Prim. Reason:		CASED HOLE		USA		Report No: 27	
OPERATIONS							
From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
			50CLOT			P	
Total Time							
OPERATIONS - NEXT DAY							
From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
			50CLOT			P	
Total Time		0.00					
Safety Incident?		N		Days since Last RI:		Weather Comments:	
Environ Incident?		N		Days since Last LTA			
Incident Comments: No incidents reported last 24 hours.							
Other Remarks:							