

Country: USA
State: TEXAS
Field: SALT DRAW
Supervisors: DAVID DISOTELL / N/A
Engineer/Manager: ELLIS, PRESTON / LLOYD, BARRY

Report Number: 001
Report Date: 08/05/2016
Spud Date: 06/10/2016
Release Date:
DOE: 0 DOL: 1 AFE Days: 8.00
Last BOP T.: CSG Test:

****Data shared on this report is CONFIDENTIAL****

Event: COMPLETION LAND
Safety Meeting Topic:
Location: Lat: 31° 2' 10.11939 N
Long: 101° 6' 42.08084 W

API #:	4210542313
Rig:	
Rig Phone:	
KB(ft):	2,638.01
POB: 6	Manhours: 14.40

Current Activity: BEGIN TEST OPS
24 Hr Summary: MIRU CRANE, HP PUMPS, SPOT FRAC TANKS, NU FRAC STACK SECTION BELOW FLOWCROSS.
24 Hr Forecast: TEST & COMPLETE FRAC STACK RU

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	08:30	2.50	P	WBP	18	OTHR	NO ACTIVITY
08:30	09:00	0.50	P	WBP	28	SFTYMTG	HSM. DISCUSS JSA W/ CREWS ON OPS. OVERHEAD LIFTING, SPOTTERS, HEAT AWARENESS, JSA ADJUSTMENTS, INCIDENTS.
09:00	13:00	4.00	P	MIRU	01	MIRU	SPOT EQUIPMENT, RU CRANE, RU HP PUMP. RECEIVE PROCEDURES, CONDUCT PRE-PAD MEETING.
13:00	18:30	5.50	P	WBP	17	OPNW	SICP: 0 PSI. SISCP: 0 PSI. MONITOR WELL FOR FLOW. NO FLOW OBSERVED AFTER 10 MIN. REMOVE NIGHT CAP, AND WSF TC18 TUBING HANGER, AND INSTALL WSF, 7 1/16" X 5" FRAC BUSHING WITH DUAL CHECK VALVE, NIPPLE UP 5 1/8" X 7-1/16" 10M SPOOL W/ 1/2" TEST PORT, AND FRAC STACK AS FOLLOWS FROM BOTTOM TO TOP. 5 1/8" 10M MANUAL FRAC VALVE (ACTIVE BARRIER #1). 5-1/8" 10M MANUAL VALVE (ACTIVE BARRIER #2), 5 1/8" 10M HYDRAULIC VALVE
18:30	19:30	1.00	P	WBP	18	OTHR	SPOT KOOMEY UNIT & RU HOSES FOR HYD MASTER VALVE.
19:30	06:00		P	WBP	18	OTHR	NO ACTIVITY

Daily Operations Comments:

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
			Fluids Eng:	Qty	Description	ID	OD	Top Set
14.000	67.00 / 67.00		Pit Temp:					
9.625	1,035.00 / 1,035.00		Density:					
			Brine Type:					
			Gel Type:					
			Viscosity:					
			Nitrogen:					
			NTU:					
			FLOWBACK					
			Gas Rate:					
			Choke Size:					
			Avg. Tbg. Press:					
			Avg. Csg. Press:					
			Fluid Rate (Water):					
			Fluid Rate (Oil):					
			Tot. Load Recovered:					

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments



Country: USA
State: TEXAS
Field: SALT DRAW
Supervisors: DAVID DISOTELL / N/A
Engineer/Manager: ELLIS, PRESTON / LLOYD, BARRY

Report Number: 001
Report Date: 08/06/2016
Spud Date: 06/10/2016
Release Date:
DOE: 1 DOL: 1 AFE Days: 8.00
Last BOP T.: CSG Test:

****Data shared on this report is CONFIDENTIAL****

Event:	COMPLETION LAND	API #:	4210542313				
Safety Meeting Topic:		Rig:					
		Rig Phone:					
Location: Lat:	31° 2' 10.11939 N	KB(ft):	2,638.01				
Long:	101° 6' 42.08084 W	POB: 6	Manhours: 14.40				

Current Activity: BEGIN TEST OPS
24 Hr Summary: MIRU CRANE, HP PUMPS, SPOT FRAC TANKS, NU FRAC STACK SECTION BELOW FLOWCROSS.
24 Hr Forecast: TEST & COMPLETE FRAC STACK RU

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	08:30	2.50	P	WBP	18	OTHR	NO ACTIVITY
08:30	09:00	0.50	P	WBP	28	SFTYMTG	HSM. DISCUSS JSA W/ CREWS ON OPS. OVERHEAD LIFTING, SPOTTERS, HEAT AWARENESS, JSA ADJUSTMENTS, INCIDENTS.
09:00	13:00	4.00	P	MIRU	01	MIRU	SPOT EQUIPMENT, RU CRANE, RU HP PUMP. RECEIVE PROCEDURES, CONDUCT PRE-PAD MEETING.
13:00	18:30	5.50	P	WBP	17	OPNW	SICP: 0 PSI. SISCP: 0 PSI. MONITOR WELL FOR FLOW. NO FLOW OBSERVED AFTER 10 MIN. REMOVE NIGHT CAP, AND WSF TC:18 TUBING HANGER, AND INSTALL WSF, 7 1/16" X 5" FRAC BUSHING WITH DUAL CHECK VALVE, NIPPLE UP 5 1/8" X 7-1/16" 10M SPOOL W/ 1/2" TEST PORT, AND FRAC STACK AS FOLLOWS FROM BOTTOM TO TOP. 5 1/8" 10M MANUAL FRAC VALVE (ACTIVE BARRIER #1). 5-1/8" 10M MANUAL VALVE (ACTIVE BARRIER #2), 5 1/8" 10M HYDRAULIC VALVE
18:30	19:30	1.00	P	WBP	18	OTHR	SPOT KOOMEY UNIT & RU HOSES FOR HYD MASTER VALVE.
19:30	06:00		P	WBP	18	OTHR	NO ACTIVITY

Daily Operations Comments:

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
			Fluids Eng:	Qty	Description	ID	OD	Top Set
14.000	67.00 / 67.00		Pit Temp:					
9.625	1,035.00 / 1,035.00		Density:					
			Brine Type:					
			Gel Type:					
			Viscosity:					
			Nitrogen:					
			NTU:					
			FLOWBACK					
			Gas Rate:					
			Choke Size:					
			Avg. Tbg. Press:					
			Avg. Csg. Press:					
			Fluid Rate (Water):					
			Fluid Rate (Oil):					
			Tot. Load Recovered:					

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments



Country: USA
State: TEXAS
Field: SALT DRAW
Supervisors: DAVID DISOTELL / N/A
Engineer/Manager: ELLIS, PRESTON / LLOYD, BARRY

Report Number: 002
Report Date: 08/07/2016
Spud Date: 06/10/2016
Release Date:
DOE: 2 DOL: 2 AFE Days: 8.00
Last BOP T.: CSG Test:

****Data shared on this report is CONFIDENTIAL****

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat: 31° 2' 10.11939 N
Long: 101° 6' 42.08084 W

API #:	4210542313
Rig:	
Rig Phone:	
KB(ft):	2,638.01
POB: 6	Manhours: 14.40

Current Activity: TEST UPPER SECTION OF FRAC STACK.
24 Hr Summary: TEST LOWER SECTION OF FRAC STACK. NU UPPER SECTION OF FRAC STACK
24 Hr Forecast: TEST UPPER SECTION OF FRAC STACK, OPEN TOE SLEEVE

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:45	0.75	P	WBP	18	OTHR	NO ACTIVITY
06:45	07:00	0.25	P	WBP	28	SFTYMTG	HSM. DISCUSS JSA W/ CREWS ON OPS. HEAT STRESS, LIFTING PRACTICES, CHANGE OF SCOPE.
07:00	12:00	5.00	P	WBP	36	SFEQ	TEST LOWER MANUAL MASTER VALVE TO 250 PSI LOW / 9,500 PSI HIGH. TEST UPPER MANUAL MASTER VALVE TO 250 PSI LOW / 9,500 PSI HIGH. TEST HYD MASTER VALVE TO 250 PSI LOW / 9,500 PSI HIGH. ALL TEST GOOD & CHARTED 15 MIN EACH TEST.
12:00	14:30	2.50	P	WBP	73	WOOWO	SB FOR ADJACENT WELL OPS.
14:30	16:30	2.00	P	WBP	16	NUND	REMOVE 5" TWC FROM FRAC BUSHING. NU 5-1/8" 10M FLOW CROSS W/ DOUBLE 3" VALVES, 5-1/8" GOAT HEAD, 5-1/8" HYD CROWN VALVE, TAPPED NIGHT CAP.
16:30	21:00	4.50	P	WBP	73	WOOWO	SB FOR ADJACENT WELL OPS.
21:00	06:00	9.00	P	WBP	18	OTHR	NO ACTIVITY

Daily Operations Comments:

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
			Fluids Eng:	Qty	Description	ID	OD	Top Set
14.000	67.00 / 67.00		Pit Temp:					
9.625	1,035.00 / 1,035.00		Density:					
			Brine Type:					
			Gel Type:					
			Viscosity:					
			Nitrogen:					
			NTU:					
			FLOWBACK					
			Gas Rate:					
			Choke Size:					
			Avg. Tbg. Press:					
			Avg. Csg. Press:					
			Fluid Rate (Water):					
			Fluid Rate (Oil):					
			Tot. Load Recovered:					

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments



Country: USA
State: TEXAS
Field: SALT DRAW
Supervisors: DAVID DISOTELL / N/A
Engineer/Manager: ELLIS, PRESTON / LLOYD, BARRY

Report Number: 003
Report Date: 08/08/2016
Spud Date: 06/10/2016
Release Date:
DOE: 3 DOL: 3 AFE Days: 8.00
Last BOP T.: CSG Test:

****Data shared on this report is CONFIDENTIAL****

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat: 31° 2' 10.11939 N
Long: 101° 6' 42.08084 W

API #:	4210542313
Rig:	
Rig Phone:	
KB(ft):	2,638.01
POB: 6	Manhours: 14.40

Current Activity:	SB FOR ADJACENT WELL OPS
24 Hr Summary:	COMPLETE TEST OPS
24 Hr Forecast:	ACTUATE TOE SLEEVE, AWAIT FRAC OPS

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	07:15	1.25	P	WBP	18	OTHR	NO ACTIVITY
07:15	07:30	0.25	P	WBP	28	SFTYMTG	HSM. DISCUSS JSA W/ CREWS ON OPS. HEAT AWARENESS, OVERHEAD LIFTS, H.E.L.P.
07:30	10:30	3.00	P	WBP	73	WOOWO	SB FOR ADJACENT WELL OPS.
10:30	11:00	0.50	P	WBP	30	SEQP	INSTALL HYD HOSE ON HYD VALVE OF UPPER STACK SECTION
11:00	13:00	2.00	P	WBP	73	WOOWO	SB FOR ADJACENT WELL OPS.
13:00	15:00	2.00	P	WBP	36	SFEQ	TEST FROM HYD MASTER VALVE TO HYD CROWN VALVE & INSIDE HYD FLOW BACK VALVE TO 250 PSI LOW / 9,500 PSI HIGH. TEST FROM HYD MASTER VALVE TO NIGHT CAP & OUT MANUAL WING VALVE ON FLOW BACK SIDE OF FLOWCROSS. ALL GOOD & CHARTED FOR 15 MIN EACH TEST.
15:00	17:00	2.00	P	WBP	36	SFEQ	TEST THE FOUR OUTER VALVES & REAR ISOLATION VALVE ON BOX MANIFOLD, FLOW BACK IRON, & HYD VALVE ON PUMP DOWN OF FLOW CROSS. TEST INSIDE VALVES ON BOX MANIFOLD, & MANUAL VALVES ON PUMP DOWN VALVES OF FLOW CROSS. TEST GUT LINE VALVE & GROND VALVES ON FLOW BACK IRON. TEST GOOD & CHARTED FOR 15 MIN EACH TEST. UPON COMPLETION OF TESTING OPS, WTR WAS OBSERVED LEAKING FROM THE WEEP HOLE ON THE HYD MASTER VALVE. THE VALVE WAS GREASED AND WTR DRIP STOPPED. BOTH THE UPPER AND LOWER TEST AGAINST THE GATE WERE CONFIRMED SOLID TESTS. SECURE WELL SDFN
17:00	20:30	3.50	P	WBP	73	WOOWO	SB FOR ADJACENT WELL OPS
20:30	06:00	9.50	P	WBP	18	OTHR	NO ACTIVITY

Daily Operations Comments:

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
			Fluids Eng:	Qty	Description	ID	OD	Top Set
14.000	67.00 / 67.00		Pit Temp:					
9.625	1,035.00 / 1,035.00		Density:					
			Brine Type:					
			Gel Type:					
			Viscosity:					
			Nitrogen:					
			NTU:					
			FLOWBACK					
			Gas Rate:					
			Choke Size:					
			Avg. Tbg. Press:					
			Avg. Csg. Press:					
			Fluid Rate (Water):					
			Fluid Rate (Oil):					
			Tot. Load Recovered:					

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments



****Data shared on this report is CONFIDENTIAL****

Well Name/Wellbore No.: UNIVERSITY SALT DRAW 4101GH/00

Country: USA
State: TEXAS
Field: SALT DRAW
Supervisors: DAVID DISOTELL / N/A
Engineer/Manager: ELLIS, PRESTON / LLOYD, BARRY

Report Number: 004
Report Date: 08/09/2016
Spud Date: 06/10/2016
Release Date:
DOE: 4 DOL: 4 AFE Days: 8.00
Last BOP T.: CSG Test:

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat: 31° 2' 10.11939 N
Long: 101° 6' 42.08084 W

API #: 4210542313
Rig:
Rig Phone:
KB(ft): 2,638.01
POB: 4 Manhours: 14.40

Current Activity:	AWAIT FRAC OPERATIONS
24 Hr Summary:	ACTUATE TOE SLEEVES
24 Hr Forecast:	FINAL REPORT UNTIL FRAC OPS, AWAIT FRAC OPS

OPERATION DETAILS

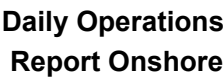
FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:45	0.75	P	WBP	18	OTHR	NO ACTIVITY
06:45	07:00	0.25	P	WBP	28	SFTYMTG	HSM. DISCUSS JSA W/ CREW ON OPS. PRESSURIZED EQUIP, BODY POSITIONING, SUSPENDED LOADS
07:00	11:00	4.00	P	WBP	73	WOOWO	SB FOR ADJACENT WELL OPS
11:00	13:45	2.75	P	WBP	17	OPNW	PRIME PUMPS, TEST IRON TO 9,500 PSI. SET & TEST POP OFF TO 9,500 PSI. LOAD 5-1/2" 17PPF P-110 W/ 1 BBL 2% KCL W/ BIOCID WTR. PRESSURE TEST TO 250 PSI LOW / 7,770 PSI / 8,000 PSI. EACH TEST MONITORED & CHARTED FOR 15 MIN. BLEED PRESSURE TO 2,000 PSI. COME UP ON RATE TO 7 BPM, SLEEVE ATUATED @ 8,850 PSI. ESTABLISH INJECTION RATE W/ 6 BPM @ 4,800 PSI, 9 BPM @ 5,400 PSI, 12 BPM @ 5,650 PSI, 15 BPM @ 6,150 PSI. EIR 15 BPM @ 5,800 PSI FOR 50 BBLS. SHUT DOWN PUMPS. ISIP: 4,810 PSI. 1/3/5: 3,000/2,650/2,500 PSI. CLOSE IN PROD CSG WING VALVE. RU ON SURFACE. SET & TEST POP OFF TO 1,500 PSI. LOAD 9-5/8" 40 PPF J55 W/ 0.2 BBLS 2% W/ BIOCID WTR. TEST SURFACE CSG TO 1,500 PSI. LEAKED OFF TO 1,200 PSI IN 15 MIN. SECURE WELL SDFN ACTIVE BARRIER #1: UPPER MANUAL MASTER VALVE ACTIVE BARRIER #2: HYD MASTER VALVE
13:45	06:00	16.25	P	WBP	18	OTHR	FINAL REPORT UNTIL FRAC OPS. WELL READY FOR FRAC. NO ACTIVITY.

Daily Operations Comments:

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
			Fluids Eng:	Qty	Description	ID	OD	Top Set
14.000	67.00 / 67.00		Pit Temp:					
9.625	1,035.00 / 1,035.00		Density:					
			Brine Type:					
			Gel Type:					
			Viscosity:					
			Nitrogen:					
			NTU:					
			FLOWBACK					
			Gas Rate:					
			Choke Size:					
			Avg. Tbg. Press:					
			Avg. Csg. Press:					
			Fluid Rate (Water):					
			Fluid Rate (Oil):					
			Tot. Load Recovered:					

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments



****Data shared on this report is CONFIDENTIAL****

Well Name/Wellbore No.: UNIVERSITY SALT DRAW 4101GH/00

Country: USA
State: TEXAS
Field: SALT DRAW
Supervisors: JUAN CASTILLO/JOE GARCIA / HUGO RAMIREZ
Engineer/Manager: MEDINA, JAVIER / GRUBB, ALLEN

Report Number: 005
Report Date: 08/12/2016
Spud Date: 06/10/2016
Release Date:
DOE: 7 DOL: 5 AFE Days: 8.00
Last BOP T.: CSG Test:

Event:	COMPLETION LAND		
Safety Meeting Topic:			
Location:	Lat:	31° 2' 10.11939 N	
	Long:	101° 6' 42.08084 W	

API #:	4210542313
Rig:	
Rig Phone:	
KB(ft):	2,638.01
POB: 13	Manhours: 26.00

Current Activity:	RIGGING UP ZIPPERS AND FRAC STACK
24 Hr Summary:	MIRU
24 Hr Forecast:	COMPLETE RIG UP, TEST.

OPERATION DETAILS

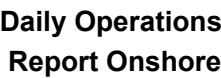
FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	MIRU	28	SFTYMTG	SAFETY MEETING;FOCUS ON HAND PLACEMENT.
06:30	18:00	11.50	P	MIRU	01	MIRU	RIG UP ZIPPER MANIFOLD AND FRAC STACK.

Daily Operations Comments:

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
14.000	67.00 / 67.00		Fluids Eng:	Qty	Description	ID	OD	Top Set
9.625	1,035.00 / 1,035.00		Pit Temp:					
			Density:					
			Brine Type:					
			Gel Type:					
			Viscosity:					
			Nitrogen:					
			NTU:					
			FLOWBACK					
			Gas Rate:					
			Choke Size:					
			Avg. Tbg. Press:					
			Avg. Csg. Press:					
			Fluid Rate (Water):					
			Fluid Rate (Oil):					
			Tot. Load Recovered:					

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments



Country: USA
State: TEXAS
Field: SALT DRAW
Supervisors: MIKE SHIELD / RICK MULL / GREG ALLGOOD /
Engineer/Manager: MEDINA, JAVIER / GRUBB, ALLEN

Report Number: 007
Report Date: 08/30/2016
Spud Date: 06/10/2016
Release Date:
DOE: 25 DOL: 7 AFE Days: 8.00
Last BOP T.: CSG Test:

****Data shared on this report is CONFIDENTIAL****

Event: COMPLETION LAND
Safety Meeting Topic:
Location: Lat: 31° 2' 10.11939 N
Long: 101° 6' 42.08084 W

API #:	4210542313
Rig:	
Rig Phone:	
KB(ft):	2,638.01
POB: 13	Manhours: 14.40

Current Activity: PERF AND LOG STAGE #1.
24 Hr Summary: COMPLETE RU. ACIDIZE TOE.
24 Hr Forecast: BEGIN FRAC OPERATIONS.

OPERATION DETAILS

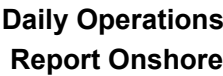
FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	16:00	10.00	P	MIRU	01	MIRU	R/U 3" PUMP DOWN LINES AND 2" IRON FROM CSG'S, N/U W/L FLANGE ON WELL, ALL R/U
16:00	17:30	1.50	P	MIRU	73	WOOWO	WAITING ON OTHER WELL OPS.
17:30	18:00	0.50	P	WBP	28	SFTYMTG	SAFETY MEETING WITH NIGHT SHIFT PERSONNEL.
18:00	01:45	7.75	P	WBP	73	WOOWO	WAITING ON OTHER WELL OPS
01:45	02:45	1.00	P	WBP	35	STIM	TEST LINES TO 8,000 PSI. SSCP 645. SSCP 0 PSI. EIR 10.6 BPM AT 5,175 PSI. PUMP 30 BBLs 15% HCL ACID. WORK RATE TO 19.8 BPM @ 7,085 PSI. PUMP ACID THROUGH TOE SLEEVE AT 15.6 BPM. PRESSURE DROPPED FROM 6,550 PSI TO 4,350 PSI. FINAL RATE 40 BPM AT 6,180 PSI. SD. PUMPED TOTAL 560 BBLs. ISIP 2,930 PSI. FG .84 PSI/FT.
02:45	05:00	2.25	P	STG01	73	WOOWO	WAITING ON OTHER WELL OPS.
05:00	05:30	0.50	P	STG01	21	PERF	WIRELINE STAGE #1 AT REPORT TIME.
05:30	06:00	0.50	P	STG01	28	SFTYMTG	HELD SAFETY MEETING AND JSA REVIEW WITH DAY SHIFT.

Daily Operations Comments:
NO INCIDENTS TO REPORT.

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
			Fluids Eng:	Qty	Description	ID	OD	Top Set
14.000	67.00 / 67.00		Pit Temp:					
9.625	1,035.00 / 1,035.00		Density:					
			Brine Type:					
			Gel Type:					
			Viscosity:					
			Nitrogen:					
			NTU:					
			FLOWBACK					
			Gas Rate:					
			Choke Size:					
			Avg. Tbg. Press:					
			Avg. Csg. Press:					
			Fluid Rate (Water):					
			Fluid Rate (Oil):					
			Tot. Load Recovered:					

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments



****Data shared on this report is CONFIDENTIAL****

Well Name/Wellbore No.: UNIVERSITY SALT DRAW 4101GH/00

Country: USA
State: TEXAS
Field: SALT DRAW
Supervisors: MIKE SHIELD / RICK MULL / GREG ALLGOOD /
Engineer/Manager: MEDINA, JAVIER / GRUBB, ALLEN

Report Number: 008
Report Date: 08/31/2016
Spud Date: 06/10/2016
Release Date:
DOE: 26 DOL: 8 AFE Days: 8.00
Last BOP T.: CSG Test:

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat: 31° 2' 10.11939 N
Long: 101° 6' 42.08084 W

API #:	4210542313
Rig:	
Rig Phone:	
KB(ft):	2,638.01
POB: 13	Manhours: 14.40

Current Activity:	WAITING ON OTHER WELL OPERATIONS. FRAC OPERATIONS SUSPENDED FOR SCHEDULED EQUIPMENT MAINTENANCE AND EP QUARTERLY SAFETY MEETING.
24 Hr Summary:	PERF AND FRAC STAGE #1. PLUG AND PERF STAGE #2.
24 Hr Forecast:	FRAC OPERATIONS SUSPENDED FOR SCHEDULED EQUIPMENT MAINTENANCE AND EP QUARTERLY SAFETY MEETING.

OPERATION DETAILS

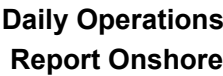
FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	09:30	3.50	P	STG01	21	PERF	WL STAGE #1: RU WL. TEST WLPCE TO 8000 PSI. RIH W/CCL AND DUMMY PLUG + 8 - 1' X 3.125" HSC LOADED W/ RDX GHG, 6 SPF, 60 DEG - 48 SHOTS. CORRELATE W/ MJ @ 6,170. PUMP DOWN TO TARGET. PU AND PERF ON FLY 16,998' - 17,166'. PUMPED 993 BBLS. POH LOGGING CCL CORRELATION LOG. POH. ALL SHOTS FIRED.
09:30	17:30	8.00	P	STG01	73	WOOWO	WOOWO
17:30	18:00	0.50	P	STG01	28	SFTYMTG	SAFETY MEETING WITH NIGHT SHIFT. GO OVER ALL ASSOCIATED JSA'S, STOP WORK, HELP KEYS.
18:00	20:00	2.00	P	STG01	73	WOOWO	WAITING ON OTHER WELL OPERATIONS.
20:00	22:30	2.50	P	STG01	35	STIM	FRAC STAGE #1: SICP 1,968. PUMP 30 BBLS 15% HCL; FRW PAD; 301,500 LBS 100 MESH SAND STEPPED .5 - 2.5 PPA; FRW SWEEP; 190 BBLS VISCOSIFIED 15% HCL; FRW FLUSH; 100,800 LBS 40/70 SAND STEPPED 1.0 - 2.5 PPA; OVERFLUSH 15 BBLS W/ FRW. ISIP 3,498. FG .97. ATP 6,354. ATR 63.9. MTP 7,669. MTR 81.8. PUMP TIME 2:12. LTR 7,864.
22:30	23:00	0.50	P	STG02	18	OTHR	SWAP WELLS
23:00	01:45	2.75	P	STG02	21	PERF	WL STAGE #2: RU WL. TEST WLPCE TO 8,000 PSI. RIH W/ ECO-BOSS CFP + 8 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 48 SHOTS. CORRELATE W/ MJ @ 6,170'. PUMP DOWN AND SET CFP AT 14,981'. PU AND PERF ON FLY 16,795' - 16,960'. PUMPED 780 BBLS. PUH AND WAIT @ 500' FOR FRAC, POH AND VERIFY ALL SHOTS FIRED.
01:45	05:30	3.75	P	STG02	73	WOOWO	WAITING ON OPERATIONS ON OTHER WELLS.
05:30	06:00	0.50	P	STG02	28	SFTYMTG	SAFETY MEETING WITH DAY SHIFT PERSONNEL.

Daily Operations Comments:
NO INCIDENTS TO REPORT

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
			Fluids Eng:	Qty	Description	ID	OD	Top Set
14.000	67.00 / 67.00		Pit Temp:					
9.625	1,035.00 / 1,035.00		Density:					
			Brine Type:					
			Gel Type:					
			Viscosity:					
			Nitrogen:					
			NTU:					
			FLOWBACK					
			Gas Rate:					
			Choke Size:					
			Avg. Tbg. Press:					
			Avg. Csg. Press:					
			Fluid Rate (Water):					
			Fluid Rate (Oil):					
			Tot. Load Recovered:					

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments



Country: USA
State: TEXAS
Field: SALT DRAW
Supervisors: MIKE SHIELD / RICK MULL / GREG ALLGOOD /
Engineer/Manager: MEDINA, JAVIER / GRUBB, ALLEN

Report Number: 009
Report Date: 09/01/2016
Spud Date: 06/10/2016
Release Date:
DOE: 27 DOL: 9 AFE Days: 8.00
Last BOP T.: CSG Test:

****Data shared on this report is CONFIDENTIAL****

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat: 31° 2' 10.11939 N
Long: 101° 6' 42.08084 W

API #:	4210542313
Rig:	
Rig Phone:	
KB(ft):	2,638.01
POB: 13	Manhours: 14.40

Current Activity:	RDMO FRAC EQUIPMENT FOR MAINTENANCE
24 Hr Summary:	RDMO FRAC EQUIPMENT FOR MAINTENANCE
24 Hr Forecast:	FRAC OPERATIONS SUSPENDED FOR SCHEDULED EQUIPMENT MAINTENANCE AND EP QUARTERLY SAFETY MEETING.

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:00	0.00	P	RDMO	09	EQRP	RDMO FRAC EQUIPMENT FOR SCHEDULED MAINTENANCE AND RE-CIRTIFICATION

Daily Operations Comments:
NO INCIDENTS TO REPORT

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
	/		Fluids Eng:	Qty	Description	ID	OD	Top Set
14.000	67.00 / 67.00		Pit Temp:					
9.625	1,035.00 / 1,035.00		Density:					
			Brine Type:					
			Gel Type:					
			Viscosity:					
			Nitrogen:					
			NTU:					
			FLOWBACK					
			Gas Rate:					
			Choke Size:					
			Avg. Tbg. Press:					
			Avg. Csg. Press:					
			Fluid Rate (Water):					
			Fluid Rate (Oil):					
			Tot. Load Recovered:					

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments



Country: USA
State: TEXAS
Field: SALT DRAW
Supervisors: HUGO RAMIREZ / RICK MULL / JOE GARCIA / JIM
Engineer/Manager: MEDINA, JAVIER / GRUBB, ALLEN

Report Number: 010
Report Date: 09/02/2016
Spud Date: 06/10/2016
Release Date:
DOE: 28 DOL: 10 AFE Days: 8.00
Last BOP T.: CSG Test:

****Data shared on this report is CONFIDENTIAL****

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat: 31° 2' 10.11939 N
Long: 101° 6' 42.08084 W

API #:	4210542313
Rig:	
Rig Phone:	
KB(ft):	2,638.01
POB: 13	Manhours: 14.40

Current Activity:	CONTINUE SCHEDULED EQUIPMENT MAINTENANCE
24 Hr Summary:	RAC OPERATIONS SUSPENDED FOR SCHEDULED EQUIPMENT MAINTENANCE AND EP QUARTERLY SAFETY MEETING.
24 Hr Forecast:	COMPLETE MAINTENANCE & RESUME FRAC OPERATIONS

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:00	0.00	P	STG02	09	EQRP	FRAC OPERATIONS SUSPENDED FOR SCHEDULED EQUIPMENT MAINTENANCE AND EP QUARTERLY SAFETY MEETING.

Daily Operations Comments:
NO INCIDENTS TO REPORT.

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
			Fluids Eng:	Qty	Description	ID	OD	Top Set
14.000	67.00 / 67.00		Pit Temp:					
9.625	1,035.00 / 1,035.00		Density:					
			Brine Type:					
			Gel Type:					
			Viscosity:					
			Nitrogen:					
			NTU:					
			FLOWBACK					
			Gas Rate:					
			Choke Size:					
			Avg. Tbg. Press:					
			Avg. Csg. Press:					
			Fluid Rate (Water):					
			Fluid Rate (Oil):					
			Tot. Load Recovered:					

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments



****Data shared on this report is CONFIDENTIAL****

Well Name/Wellbore No.: UNIVERSITY SALT DRAW 4101GH/00

Country: USA
State: TEXAS
Field: SALT DRAW
Supervisors: HUGO RAMIREZ / RICK MULL / JOE GARCIA / J
Engineer/Manager: MEDINA, JAVIER / GRUBB, ALLEN

Report Number: 011
Report Date: 09/03/2016
Spud Date: 06/10/2016
Release Date:
DOE: 29 DOL: 11 AFE Days: 8.00
Last BOP T.: CSG Test:

Event: COMPLETION LAND
Safety Meeting Topic:
Location: Lat: 31° 2' 10.11939 N
Long: 101° 6' 42.08084 W

API #:	4210542313
Rig:	
Rig Phone:	
KB(ft):	2,638.01
POB: 13	Manhours: 14.40

Current Activity: WOOWO
24 Hr Summary: FRAC STG 2
24 Hr Forecast: CONTINUE FRAC OPERATIONS

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	17:30	11.50	P	MIRU	01	MIRU	COMPLETE SCHEDULED MAINTENANCE ON ALL FRAC AND WIRELINE EQUIPMENT. MIRU ALL ASSOCIATED EQUIPMENT. NU WIRELINE WELLHEAD CONNECTIONS FOR BOP'S. RU & PRESSURE TEST BOP TO 250/8,000 PSI & CHART FOR 15 MIN. PRIME AND TEST FRAC EQUIPMENT TO 8,000 PSI.
17:30	18:00	0.50	P	STG02	28	SFTYMTG	SAFETY MEETING WITH NIGHT SHIFT. GO OVER ALL ASSOCIATED JSA'S, STOP WORK, HELP KEYS.
18:00	23:30	5.50	P	STG02	73	WOOWO	WOOWO
23:30	01:45	2.25	P	STG02	35	STIM	FRAC STAGE # 2 SLICKWATER - SICP 1,358. PUMP 30 BBLS 15% ACID. PUMP 299,100 LBS 100 MESH @ .5 - 2.5 PPA; PUMP; 99,600 LBS 40/70 @ 1.0 - 2.5 PPA. AP: 6,319. AR: 76.6. MP: 7,492 MR: 90 ISIP: 3,313. FG 0.94 TOTAL BBLS 8,107 BBLS.
01:45	05:30	3.75	P	STG03	73	WOOWO	WOOWO
05:30	06:00	0.50	P	STG03	28	SFTYMTG	JSA SAFETY MEETING WITH DAY CREW

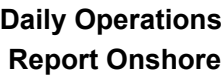
Daily Operations Comments:

NO INCIDENTS TO REPORT.

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
			Fluids Eng:	Qty	Description	ID	OD	Top Set
14.000	67.00 / 67.00		Pit Temp:					
9.625	1,035.00 / 1,035.00		Density:					
			Brine Type:					
			Gel Type:					
			Viscosity:					
			Nitrogen:					
			NTU:					
			FLOWBACK					
			Gas Rate:					
			Choke Size:					
			Avg. Tbg. Press:					
			Avg. Csg. Press:					
			Fluid Rate (Water):					
			Fluid Rate (Oil):					
			Tot. Load Recovered:					

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments



Country: USA
State: TEXAS
Field: SALT DRAW
Supervisors: HUGO RAMIREZ / RICK MULL / JOE GARCIA / JIM
Engineer/Manager: MEDINA, JAVIER / GRUBB, ALLEN

Report Number: 012
Report Date: 09/04/2016
Spud Date: 06/10/2016
Release Date:
DOE: 30 DOL: 12 AFE Days: 8.00
Last BOP T.: CSG Test:

****Data shared on this report is CONFIDENTIAL****

Event: COMPLETION LAND
Safety Meeting Topic:
Location: Lat: 31° 2' 10.11939 N
Long: 101° 6' 42.08084 W

API #:	4210542313
Rig:	
Rig Phone:	
KB(ft):	2,638.01
POB: 13	Manhours: 14.40

Current Activity: WOOWO
24 Hr Summary: WL STG 3
24 Hr Forecast: CONTINUE FRAC OPERATIONS

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	09:00	3.00	P	STG03	73	WOOWO	WOOWO
09:00	11:30	2.50	P	STG03	21	PERF	WL STAGE # 3: RU WL. TEST WLPCE TO 8,000 PSI. RIH W/ ECO-BOSS CFP + 8 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 48 SHOTS. CORRELATE W/ MJ @ 6,170'. PUMP DOWN AND SET CFP AT 16,781'. PU AND PERF ON FLY 16,595' - 16,766'. PUMPED 569 BBLS. PUH AND WAIT @ 500' FOR FRAC, POH AND VERIFY ALL SHOTS FIRED.
11:30	06:00	18.50	P	STG03	73	WOOWO	WOOWO

Daily Operations Comments:

NO INCIDENTS TO REPORT.

Casing			Fluids	Completion String Details				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
			Fluids Eng:	Qty	Description	ID	OD	Top Set
14.000	67.00 / 67.00		Pit Temp:					
9.625	1,035.00 / 1,035.00		Density:					
			Brine Type:					
			Gel Type:					
			Viscosity:					
			Nitrogen:					
			NTU:					
			Flowback					
			Gas Rate:					
			Choke Size:					
			Avg. Tbg. Press:					
			Avg. Csg. Press:					
			Fluid Rate (Water):					
			Fluid Rate (Oil):					
			Tot. Load Recovered:					

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments



****Data shared on this report is CONFIDENTIAL****

Well Name/Wellbore No.: UNIVERSITY SALT DRAW 4101GH/00

Country: USA
State: TEXAS
Field: SALT DRAW
Supervisors: HUGO RAMIREZ / RICK MULL / JOE GARCIA / J
Engineer/Manager: MEDINA, JAVIER / GRUBB, ALLEN

Report Number: 013
Report Date: 09/05/2016
Spud Date: 06/10/2016
Release Date:
DOE: 31 DOL: 13 AFE Days: 8.00
Last BOP T.: CSG Test:

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat: 31° 2' 10.11939 N
Long: 101° 6' 42.08084 W

API #:	4210542313
Rig:	
Rig Phone:	
KB(ft):	2,638.01
POB: 13	Manhours: 14.40

Current Activity: WOOWO
24 Hr Summary: FRAC STG #3
24 Hr Forecast: CONTINUE FRAC OPERATIONS

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	17:30	11.50	P	STG03	73	WOOWO	WOOWO
17:30	18:00	0.50	P	STG03	28	SFTYMTG	SAFETY MEETING WITH NIGHT SHIFT. GO OVER ALL ASSOCIATED JSA'S, STOP WORK, HELP KEYS.
18:00	18:50	0.83	P	STG03	73	WOOWO	WOOWO
18:50	21:00	2.17	P	STG03	35	STIM	FRAC STAGE # 3 SLICKWATER - SICP 1,476. PUMP 30 BBLS 15% ACID. PUMP 297,500 LBS 100 MESH @ .5 - 2.5 PPA; PUMP; 98,300 LBS 40/70 @ 1.0 - 2.5 PPA. AP: 6,141. AR: 69.5. MP: 7,540 MR: 88 ISIP: 3,432. FG 0.96 TOTAL BBLS 8,117 BBLS.
21:00	05:30	8.50	P	STG04	73	WOOWO	WOOWO
05:30	06:00	0.50	P	STG04	28	SFTYMTG	JSA MEETING WITH DAY CREW

Daily Operations Comments:

NO INCIDENTS TO REPORT.

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
			Fluids Eng:	Qty	Description	ID	OD	Top Set
14.000	67.00 / 67.00		Pit Temp:					
9.625	1,035.00 / 1,035.00		Density:					
			Brine Type:					
			Gel Type:					
			Viscosity:					
			Nitrogen:					
			NTU:					
			FLOWBACK					
			Gas Rate:					
			Choke Size:					
			Avg. Tbg. Press:					
			Avg. Csg. Press:					
			Fluid Rate (Water):					
			Fluid Rate (Oil):					
			Tot. Load Recovered:					

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments



****Data shared on this report is CONFIDENTIAL****

Well Name/Wellbore No.: UNIVERSITY SALT DRAW 4101GH/00

Country: USA
State: TEXAS
Field: SALT DRAW
Supervisors: HUGO RAMIREZ / RICK MULL / JOE GARCIA / JIM
Engineer/Manager: MEDINA, JAVIER / GRUBB, ALLEN

Report Number: 014
Report Date: 09/06/2016
Spud Date: 06/10/2016
Release Date:
DOE: 32 DOL: 14 AFE Days: 8.00
Last BOP T.: CSG Test:

Event: COMPLETION LAND
Safety Meeting Topic:
Location: Lat: 31° 2' 10.11939 N
Long: 101° 6' 42.08084 W

API #:	4210542313
Rig:	
Rig Phone:	
KB(ft):	2,638.01
POB: 13	Manhours: 14.40

Current Activity: WOOWO
24 Hr Summary: WIRELINE STG #4 - FRAC STG #4
24 Hr Forecast: CONTINUE FRAC OPERATIONS

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	13:30	7.50	P	STG04	73	WOOWO	WOOWO
13:30	16:30	3.00	N	STG04	21	PERF	WL STAGE #4: RU WL. TEST WLPCE TO 8,000 PSI. RIH W/ ECO-BOSS CFP + 7 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 42 SHOTS. CORRELATE W/ MJ @ 6,170'. PUMP DOWN AND SET CFP AT 16,581'. PU AND SHOT ONLY 3 OF 7 GUNS 16,513' - 16,566'. PUMPED 576 BBLS. PUH AND WAIT @ 500' FOR FRAC, POH AND TROUBLE SHOOT GUNS ASSY. THREE GUNS FIRED - 18 SHOTS
16:30	17:00	0.50	N	STG04	09	EQRP	OUT OF HOLE WITH WL TOOLS. FOUND BAD CONNECTION TO FIRING BLOCK INSIDE 4TH GUN. REPLACE GUN ASSY AND ADD DUMMY PLUG
17:00	17:30	0.50	P	STG04	21	PERF	BEGIN RE-RUN STAGE 4: RU WL. TEST WLPCE TO 8,000 PSI. RIH W/ DUMMY PLUG + 4 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 24 SHOTS. CORRELATE W/ MJ @ 6,170'.
17:30	18:00	0.50	P	STG04	28	SFTYMTG	SAFETY MEETING WITH NIGHT SHIFT. GO OVER ALL ASSOCIATED JSA'S, STOP WORK, HELP KEYS.
18:00	19:30	1.50	P	STG04	21	PERF	CONTINUE RE-RUN STAGE 4: PUMP DOWN AND PERF ON THE FLY 16,400 - 16,494'. PUMPED 592 BBLS. POH AND VERIFY ALL SHOTS FIRED.
19:30	22:00	2.50	P	STG04	35	STIM	FRAC STAGE # 4 SLICKWATER - SICP 2,126. PUMP 30 BBLS 15% ACID. PUMP 298,000 LBS 100 MESH @ .5 - 2.5 PPA; PUMP; 99,250 LBS 40/70 @ 1.0 - 2.5 PPA. AP: 5,970. AR: 73.2. MP: 7,370 MR: 91.7 ISIP: 3,300. FG 0.94 TOTAL BBLS 8,242 BBLS.
22:00	05:30	7.50	P	STG05	73	WOOWO	WOOWO
05:30	06:00	0.50	P	STG05	28	SFTYMTG	SAFETY MEETING WITH DAY SHIFT. GO OVER ALL ASSOCIATED JSA'S, STOP WORK, HELP KEYS

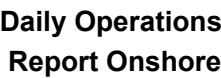
Daily Operations Comments:

NO INCIDENTS TO REPORT.

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
	/		Fluids Eng:	Qty	Description	ID	OD	Top Set
14.000	67.00 / 67.00		Pit Temp:					
9.625	1,035.00 / 1,035.00		Density:					
			Brine Type:					
			Gel Type:					
			Viscosity:					
			Nitrogen:					
			NTU:					
			FLOWBACK					
			Gas Rate:					
			Choke Size:					
			Avg. Tbg. Press:					
			Avg. Csg. Press:					
			Fluid Rate (Water):					
			Fluid Rate (Oil):					
			Tot. Load Recovered:					

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments



****Data shared on this report is CONFIDENTIAL****

Well Name/Wellbore No.: UNIVERSITY SALT DRAW 4101GH/00

Country: USA
State: TEXAS
Field: SALT DRAW
Supervisors: HUGO RAMIREZ / RICK MULL / JOE GARCIA / J
Engineer/Manager: MEDINA, JAVIER / GRUBB, ALLEN

Report Number: 015
Report Date: 09/07/2016
Spud Date: 06/10/2016
Release Date:
DOE: 33 DOL: 15 AFE Days: 8.00
Last BOP T.: CSG Test:

Event: COMPLETION LAND
Safety Meeting Topic:
Location: Lat: 31° 2' 10.11939 N
Long: 101° 6' 42.08084 W

API #:	4210542313
Rig:	
Rig Phone:	
KB(ft):	2,638.01
POB: 13	Manhours: 14.40

Current Activity: WOOWO
24 Hr Summary: WIRELINE STG # 5 FRAC STG #5
24 Hr Forecast: CONTINUE FRAC OPERATIONS

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	17:15	11.25	P	STG05	73	WOOWO	WOOWO
17:15	17:30	0.25	P	STG05	21	PERF	BEGIN WL STAGE 5
17:30	18:00	0.50	P	STG05	28	SFTYMTG	SAFETY MEETING WITH NIGHT SHIFT. GO OVER ALL ASSOCIATED JSA'S, STOP WORK, HELP KEYS.
18:00	18:45	0.75	P	STG05	21	PERF	WL STAGE # 5: RU WL. TEST WLPCE TO 8,000 PSI. RIH W/ ECO-BOSS CFP + 8 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 48 SHOTS. CORRELATE W/ MJ @ 6,170'. PUMP DOWN AND SET CFP AT 16,381'. PU AND PERF ON FLY 16,198' - 16,366'. PUMPED 615 BBLS. PUH AND WAIT @ 500' FOR FRAC, POH AND VERIFY ALL SHOTS FIRED.
18:45	20:30	1.75	P	STG05	73	WOOWO	WAITING ON " HH WELL " FRAC OPS
20:30	23:00	2.50	P	STG05	35	STIM	FRAC STAGE # 5 SLICKWATER - SICP 2,033. PUMP 60 BBLS 15% ACID. PUMP 297,000 LBS 100 MESH @ .5 - 2.5 PPA; PUMP; 98,150 LBS 40/70 @ 1.0 - 2.5 PPA. AP: 5,581. AR: 72.2. MP: 6,821 MR: 89.5 ISIP: 3,213. FG 0.92 TOTAL BBLS 8,039 BBLS.
23:00	05:30	6.50	P	STG06	73	WOOWO	WOOWO
05:30	06:00	0.50	P	STG06	28	SFTYMTG	SAFETY MEETING WITH DAY SHIFT. GO OVER ALL ASSOCIATED JSA'S, STOP WORK, HELP KEYS.

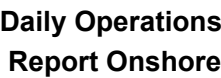
Daily Operations Comments:

NO INCIDENTS TO REPORT.

Casing			Fluids	Completion String Details				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
	/		Fluids Eng:	Qty	Description	ID	OD	Top Set
14.000	67.00 / 67.00		Pit Temp:					
9.625	1,035.00 / 1,035.00		Density:					
			Brine Type:					
			Gel Type:					
			Viscosity:					
			Nitrogen:					
			NTU:					
			Flowback					
			Gas Rate:					
			Choke Size:					
			Avg. Tbg. Press:					
			Avg. Csg. Press:					
			Fluid Rate (Water):					
			Fluid Rate (Oil):					
			Tot. Load Recovered:					

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments



Country: USA
State: TEXAS
Field: SALT DRAW
Supervisors: HUGO RAMIREZ / GREG ALLGOOD / JOE GARCIA
Engineer/Manager: MEDINA, JAVIER / GRUBB, ALLEN

Report Number: 016
Report Date: 09/08/2016
Spud Date: 06/10/2016
Release Date:
DOE: 34 DOL: 16 AFE Days: 8.00
Last BOP T.: CSG Test:

****Data shared on this report is CONFIDENTIAL****

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat: 31° 2' 10.11939 N
Long: 101° 6' 42.08084 W

API #:	4210542313
Rig:	
Rig Phone:	
KB(ft):	2,638.01
POB: 0	Manhours: 0.00

Current Activity: FRAC STAGE 7.
24 Hr Summary: WIRELINE STG # 6 AND 7. FRAC STG 6.
24 Hr Forecast: CONTINUE FRAC OPERATIONS.

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:45	0.75	P	STG06	18	OTHR	MAINTENANCE - REHEAD WL (HIGH STRAND)
06:45	09:00	2.25	P	STG06	21	PERF	WL STAGE # 6: RU WL. TEST WLPCE TO 8,000 PSI. RIH W/ ECO-BOSS CFP + 8 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 48 SHOTS. CORRELATE W/ MJ @ 6,170'. PUMP DOWN AND SET CFP AT 16,181'. CCL KICKS BUT NO WEIGHT LOSS. PUH. PUMP DOWN TO CONFIRM. PU AND PERF ON FLY 15,998' - 16,166'. PUMPED 652 BBLS. PUH AND WAIT @ 500' FOR FRAC. POH AND VERIFY ALL SHOTS FIRED.
09:00	09:30	0.50	P	STG06	73	WOOWO	SB FOR WL TO START ON NEXT WELL.
09:30	12:00	2.50	P	STG06	21	PERF	FRAC STAGE # 6: SICP 1,718. PUMP 30 BBLS 15% HCL; FRW PAD; 296,100 LBS 100 MESH SAND STEPPED .5 - 2.5 PPA; FRW SWEEP; 190 BBLS VISCOSIFIED 15% HCL; FRW SWEEP; 95,880 LBS 40/70 SAND STEPPED 1.0 - 2.5 PPA; OVERFLUSH 15 BBLS W/ FRW. ISIP 3,486. FG .97. ATP 5,266. ATR 64.1. MTP 7,023. MTR 88.8. PUMP TIME 2:12. LTR 7,760.
12:00	19:30	7.50	P	STG07	73	WOOWO	WAIT ON OPERATIONS ON OTHER WELLS.
19:30	20:00	0.50	P	STG07	09	EQRP	RE-HEAD WL.
20:00	23:00	3.00	P	STG07	21	PERF	WL STAGE # 7: RU WL. TEST WLPCE TO 8,000 PSI. RIH W/ ECO-BOSS CFP + 8 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 48 SHOTS. CORRELATE W/ MJ @ 6,170'. PUMP DOWN AND SET CFP AT 15,981'. PU AND PERF ON FLY 15,798' - 15,966'. PUMPED 652 BBLS. PUH AND WAIT @ 500' FOR FRAC. POH AND VERIFY ALL SHOTS FIRED.
23:00	04:00	5.00	P	STG07	73	WOOWO	WAIT ON OPERATIONS ON OTHER WELLS.
04:00	06:00	2.00	P	STG07	21	PERF	FRAC STAGE # 7 IN PROGRESS AT REPORT TIME..

Daily Operations Comments:
NO INCIDENTS TO REPORT

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
	/		Fluids Eng:	Qty	Description	ID	OD	Top Set
14.000	67.00 / 67.00		Pit Temp:					
9.625	1,035.00 / 1,035.00		Density:					
			Brine Type:					
			Gel Type:					
			Viscosity:					
			Nitrogen:					
			NTU:					
			FLOWBACK					
			Gas Rate:					
			Choke Size:					
			Avg. Tbg. Press:					
			Avg. Csg. Press:					
			Fluid Rate (Water):					
			Fluid Rate (Oil):					
			Tot. Load Recovered:					

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments



****Data shared on this report is CONFIDENTIAL****

Well Name/Wellbore No.: UNIVERSITY SALT DRAW 4101GH/00

Country: USA
State: TEXAS
Field: SALT DRAW
Supervisors: HUGO RAMIREZ / GREG ALLGOOD / JOE GARCIA
Engineer/Manager: MEDINA, JAVIER / GRUBB, ALLEN

Report Number: 017
Report Date: 09/09/2016
Spud Date: 06/10/2016
Release Date:
DOE: 35 DOL: 17 AFE Days: 8.00
Last BOP T.: CSG Test:

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat: 31° 2' 10.11939 N
Long: 101° 6' 42.08084 W

API #: 4210542313
Rig:
Rig Phone:
KB(ft): 2,638.01
POB: 85 Manhours: 227.00

Current Activity: FINISH PERF STG #9
24 Hr Summary: FRAC STG'S 7,8, W/L STG &9
24 Hr Forecast: CONTINUE FRAC OPERATIONS.

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	10:00	4.00	P	STG07	35	STIM	FRAC STAGE # 7: SICP 1,974. PUMP 30 BBLS 15% HCL; FRW PAD; 299,050 LBS 100 MESH SAND STEPPED .5 - 2.5 PPA; FRW SWEEP; START VISC ACID STAGE AND WELL PRESSURED OUT WITH 40 BBLS PUMPED. DISPLACED ACID TO PERFS AT 2 - 3 BPM. PRESSURE BROKE BACK TO 6500 PSI AT 65 BPM. SD REFUEL BLENDER. RESUME JOB AT REDUCED RATE OF 70 - 75 BPM. PUMP 150 BBLS VISCOSIFIED 15% HCL; FRW SWEEP; 100,100 LBS 40/70 SAND STEPPED .5 - 2.0 PPA; OVERFLUSH 15 BBLS W/ FRW. PRESSURED UP ON FLUSH BUT FINISHED FLUSH AT 30 BPM AT 7800 PSI. ISIP 3,206. FG .92. ATP 5,642. ATR 52.7. MTP 8,076. MTR 88.9. LTR 8,420.
10:00	13:30	3.50	P	STG08	73	WOOWO	WAIT ON OPERATIONS ON OTHER WELLS.
13:30	16:30	3.00	P	STG08	21	PERF	WL STAGE #8: RU WL. TEST WLPCE TO 8,000 PSI. RIH W/ ECO-BOSS CFP + 6 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 36 SHOTS. CORRELATE W/ MJ @ 6,170'. PUMP DOWN AND SET CFP AT 15,781'. PU AND PERF ON FLY 15,598' - 15,766'. PUMPED 574 BBLS. PUH AND WAIT @ 500' FOR FRAC ON "IH". POH AND VERIFY ALL SHOTS FIRED.
16:30	20:30	4.00	P	STG08	73	WOOWO	WAIT ON OTHER WELL OP'S
20:30	23:00	2.50	P	STG08	35	STIM	FRAC STAGE # 8: SICP 1,718. PUMP 30 BBLS 15% HCL; FRW PAD; 298,300 LBS 100 MESH SAND STEPPED .5 - 2.0 PPA; FRW SWEEP; 190 BBLS VISCOSIFIED 15% HCL; FRW SWEEP; 103,950 LBS 40/70 SAND STEPPED 1.0 - 2.0 PPA; OVERFLUSH 15 BBLS W/ FRW. ISIP 2,982. FG .89. ATP 5,502. ATR 65. MTP 6,801. MTR 80.3 LTR: 8,460
23:00	04:15	5.25	P	STG08	73	WOOWO	WAITING ON OTHER WELL OP'S
04:15	05:30	1.25	P	STG09	21	PERF	WL STAGE #9: RU WL. TEST WLPCE TO 8,000 PSI. RIH W/ ECO-BOSS CFP + 6 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 36 SHOTS. CORRELATE W/ MJ @ 6,170'. PUMP DOWN AND SET CFP AT 15,581'. PU AND PERF ON FLY 15,398' - 15,566'. PUMPED 649. PUH AND WAIT @ 500' FOR FRAC ON "IH".
05:30	06:00	0.50	P	STG09	28	SFTYMTG	SAFETY AND JSA MEETING WITH DAY CREW WHILE NIGHT CREW FIN PERF STG #9

Daily Operations Comments:

NO INCIDENTS TO REPORT.

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
			Fluids Eng:	Qty	Description	ID	OD	Top Set
14.000	67.00 / 67.00		Pit Temp:					
9.625	1,035.00 / 1,035.00		Density:					
			Brine Type:					
			Gel Type:					
			Viscosity:					
			Nitrogen:					
			NTU:					
			FLOWBACK					
			Gas Rate:					
			Choke Size:					
			Avg. Tbg. Press:					
			Avg. Csg. Press:					
			Fluid Rate (Water):					
			Fluid Rate (Oil):					
			Tot. Load Recovered:					

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments



Country: USA
State: TEXAS
Field: SALT DRAW
Supervisors: HUGO RAMIREZ / GREG ALLGOOD / JOE GARCIA
Engineer/Manager: MEDINA, JAVIER / GRUBB, ALLEN

Report Number: 018
Report Date: 09/10/2016
Spud Date: 06/10/2016
Release Date:
DOE: 36 DOL: 18 AFE Days: 8.00
Last BOP T.: CSG Test:

****Data shared on this report is CONFIDENTIAL****

Event: COMPLETION LAND
Safety Meeting Topic:
Location: Lat: 31° 2' 10.11939 N
Long: 101° 6' 42.08084 W

API #: 4210542313
Rig:
Rig Phone:
KB(ft): 2,638.01
POB: 85 Manhours: 227.00

Current Activity: W/L STG #11
24 Hr Summary: FRAC STG 9,10. STARTED W/L STG 11
24 Hr Forecast: CONTINUE FRAC OPERATIONS.

OPERATION DETAILS							
FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:45	0.75	P	STG09	21	PERF	FINISH WL STAGE #9. POH. LD WL. ALL SHOTS FIRED.
06:45	07:30	0.75	P	STG09	18	OTHR	SCHEDULED MAINTENANCE: GREASE AND CHECK TORQUE ON STACK.
07:30	11:00	3.50	P	STG09	73	WOOWO	WAITING ON OPERATIONS ON OTHER WELLS.
11:00	13:30	2.50	P	STG09	35	STIM	FRAC STAGE # 9: SICP 1,961. PUMP 30 BBLS 15% HCL; FRW PAD; 297,280 LBS 100 MESH SAND STEPPED .5 - 2.5 PPA; FRW SWEEP; 190 BBLS VISCOSIFIED 15% HCL; FRW SWEEP; 98,960 LBS 40/70 SAND STEPPED 1.0 - 2.5 PPA; OVERFLUSH 15 BBLS W/ FRW. ISIP 2,935. FG .88. ATP 5,552. ATR 63.9. MTP 6,955. MTR 87.6 LTR; 7,887
13:30	16:45	3.25	P	STG10	73	WOOWO	WAITING ON OPERATIONS ON OTHER WELLS
16:45	18:30	1.75	P	STG10	21	PERF	WL STAGE # 10: RU WL. TEST WLPCE TO 8,000 PSI. RIH W/ ECO-BOSS CFP + 8 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 48 SHOTS. CORRELATE W/ MJ @ 6,170'. PUMP DOWN AND SET CFP AT 15,381'. PU AND PERF ON FLY 15,198' - 15,365'. PUMPED 537. PUH AND WAIT @ 500' FOR FRAC ON "IH".
18:30	22:00	3.50	P	STG10	73	WOOWO	WAITING AT 500' FOR IH WELL OP'S
22:00	00:30	2.50	P	STG10	35	STIM	FRAC STAGE # 10: SICP 1,991. PUMP 30 BBLS 15% HCL; FRW PAD; 298,400 LBS 100 MESH SAND STEPPED .5 - 2.5 PPA; FRW SWEEP; 190 BBLS VISCOSIFIED 15% HCL; FRW SWEEP; 99,500 LBS 40/70 SAND STEPPED 1.0 - 2.5 PPA; OVERFLUSH 15 BBLS W/ FRW. ISIP 3,023. FG .90. ATP 5,088. ATR 64.0. MTP 6,123. MTR 81.6 LTR; 8,299
00:30	04:00	3.50	P	STG10	73	WOOWO	WAITING ON OTHER WELL OP'S
04:00	05:30	1.50	P	STG11	21	PERF	WL STAGE # 11: RU WL. TEST WLPCE TO 8,000 PSI. RIH W/ ECO-BOSS CFP + 8 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 48 SHOTS. CORRELATE W/ MJ @ 6,170'. PUMP DOWN AND SET CFP AT 15,176'. PU AND PERF ON FLY 14,998' - 15,166'. PUMPED 532. PUH AND WAIT @ 500' FOR FRAC ON "IH".
05:30	06:00	0.50	P	STG11	28	SFTYMTG	SAFETY AND JSA REVIEW WITH DAY CREW

Daily Operations Comments:
NO INCIDENTS TO REPORT.

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
	/		Fluids Eng:	Qty	Description	ID	OD	Top Set
14.000	67.00 / 67.00		Pit Temp:					
9.625	1,035.00 / 1,035.00		Density:					
			Brine Type:					
			Gel Type:					
			Viscosity:					
			Nitrogen:					
			NTU:					
			FLOWBACK					
			Gas Rate:					
			Choke Size:					
			Avg. Tbg. Press:					
			Avg. Csg. Press:					
			Fluid Rate (Water):					
			Fluid Rate (Oil):					
			Tot. Load Recovered:					

PERFORATIONS							
Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments



Country: USA
State: TEXAS
Field: SALT DRAW
Supervisors: HUGO RAMIREZ / GREG ALLGOOD / JOE GARCIA
Engineer/Manager: MEDINA, JAVIER / GRUBB, ALLEN

Report Number: 019
Report Date: 09/11/2016
Spud Date: 06/10/2016
Release Date:
DOE: 37 DOL: 19 AFE Days: 8.00
Last BOP T.: CSG Test:

****Data shared on this report is CONFIDENTIAL****

Event: COMPLETION LAND
Safety Meeting Topic:
Location: Lat: 31° 2' 10.11939 N
Long: 101° 6' 42.08084 W

API #: 4210542313
Rig:
Rig Phone:
KB(ft): 2,638.01
POB: 85 Manhours: 227.00

Current Activity: WAITING ON OTHER WELL OP'S
24 Hr Summary: W/L STG 12, FRAC STG11,12.
24 Hr Forecast: CONTINUE FRAC OPERATIONS.

OPERATION DETAILS

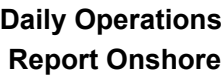
FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	STG11	21	PERF	FINISH WL STAGE #11. POH. ALL SHOTS FIRED.
06:30	10:00	3.50	P	STG11	73	WOOWO	WAITING ON OTHER WELL OP'S
10:00	12:00	2.00	P	STG11	35	STIM	FRAC STAGE # 11: SICP 2,101. PUMP 30 BBLS 15% HCL; FRW PAD; 296,000 LBS 100 MESH SAND STEPPED .5 - 2.5 PPA; FRW SWEEP; 190 BBLS VISCOSIFIED 15% HCL; FRW SWEEP; 97,000 LBS 40/70 SAND STEPPED 1.0 - 2.5 PPA; OVERFLUSH 15 BBLS W/ FRW. ISIP 3,231. FG .93. ATP 5,640. ATR 70.6. MTP 6,885. MTR 93 LTR: 7,963
12:00	16:00	4.00	P	STG11	73	WOOWO	WAITING ON OTHER WELL OPS.
16:00	17:00	1.00	P	STG12	18	OTHR	SCHEDULED MAINTENANCE - REHEAD WL, REGEN WL ENGINE.
17:00	18:45	1.75	P	STG12	21	PERF	WL STAGE # 12: RU WL. TEST WLPCE TO 8,000 PSI. RIH W/ ECO-BOSS CFP + 7 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 42 SHOTS. CORRELATE W/ MJ @ 6,170'. PUMP DOWN AND SET CFP AT 14,981'. PU AND PERF ON FLY 14,798' - 14,938'. PUMPED 549. PUH AND WAIT @ 500' FOR FRAC ON "IH".
18:45	19:30	0.75	P	STG12	73	WOOWO	WAITING ON IH FRSC OP'S AT 500'
19:30	19:45	0.25	P	STG12	21	PERF	POOH, ALL SHOTS FIRED
19:45	23:30	3.75	P	STG12	73	WOOWO	WAITING ON OTHER WELL OP'S
23:30	02:00	2.50	P	STG12	35	STIM	
02:00	05:30	3.50	P	STG12	73	WOOWO	WAITING ON OTHER WELL OP'S
05:30	06:00	0.50	P	STG12	28	SFTYMTG	SAFETY MEETING AND JSA REVIEW WITH DAY CREW

Daily Operations Comments:
NO INCIDENTS TO REPORT.

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
			Fluids Eng:	Qty	Description	ID	OD	Top Set
14.000	67.00 / 67.00		Pit Temp:					
9.625	1,035.00 / 1,035.00		Density:					
			Brine Type:					
			Gel Type:					
			Viscosity:					
			Nitrogen:					
			NTU:					
			FLOWBACK					
			Gas Rate:					
			Choke Size:					
			Avg. Tbg. Press:					
			Avg. Csg. Press:					
			Fluid Rate (Water):					
			Fluid Rate (Oil):					
			Tot. Load Recovered:					

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments



Country: USA
State: TEXAS
Field: SALT DRAW
Supervisors: HUGO RAMIREZ / GREG ALLGOOD / JOE GARCIA
Engineer/Manager: MEDINA, JAVIER / GRUBB, ALLEN

Report Number: 020
Report Date: 09/12/2016
Spud Date: 06/10/2016
Release Date:
DOE: 38 DOL: 20 AFE Days: 8.00
Last BOP T.: CSG Test:

****Data shared on this report is CONFIDENTIAL****

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat: 31° 2' 10.11939 N
Long: 101° 6' 42.08084 W

API #: 4210542313
Rig:
Rig Phone:
KB(ft): 2,638.01
POB: 85 Manhours: 227.00

Current Activity: WAITING ON OTHER WELL OP'S
24 Hr Summary: W/L 13,14. FRAC 13,14.
24 Hr Forecast: CONTINUE FRAC OPERATIONS.

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	07:00	1.00	P	STG13	18	OTHR	SCHEDULED MAINTENANCE - REHEAD WL.
07:00	10:15	3.25	P	STG13	21	PERF	WL STAGE # 13: RU WL. TEST WLPCE TO 8,000 PSI. RIH W/ ECO-BOSS CFP + 7 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 42 SHOTS. CORRELATE W/ MJ @ 6,170'. PUMP DOWN AND SET CFP AT 14,776'. PU AND PERF ON FLY 14,598' - 14,766'. PUMPED 507. WAIT @ 500' FOR FRAC ON "IH".
10:15	10:30	0.25	P	STG13	18	OTHR	SCHEDULED MAINTENANCE - GREASE STACK AND ZIPPER VALVES.
10:30	13:20	2.83	P	STG13	73	WOOWO	WAIT ON OPERATIONS ON OTHER WELLS.
13:20	15:30	2.17	P	STG13	35	STIM	FRAC STAGE # 13: SICP 2,080. PUMP 30 BBLS 15% HCL; FRW PAD; 297,800 LBS 100 MESH SAND STEPPED .5 - 2.5 PPA; FRW SWEEP; 190 BBLS VISCOSIFIED 15% HCL; FRW SWEEP; 99,400 LBS 40/70 SAND STEPPED 1.0 - 2.5 PPA; OVERFLUSH 15 BBLS W/ FRW. ISIP 2,968. FG .89. ATP 5,612. ATR 69.1. MTP 7,044. MTR 88.8 LTR: 7,917
15:30	17:30	2.00	P	STG14	73	WOOWO	WAIT ON OPERATIONS ON OTHER WELLS
17:30	18:00	0.50	P	STG14	28	SFTYMTG	SAFETY MEETING AND JSA REVIEW.
18:00	19:15	1.25	P	STG14	18	OTHR	SCHEDULED MAINTENANCE - REHEAD WL., GREASE MANUAL VALVE ON HH ZIPPER
19:15	20:45	1.50	P	STG14	21	PERF	WL STAGE # 14: RU WL. TEST WLPCE TO 8,000 PSI. RIH W/ ECO-BOSS CFP + 7 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 42 SHOTS. CORRELATE W/ MJ @ 6,170'. PUMP DOWN AND SET CFP AT 14,577'. PU AND PERF ON FLY 14,398' - 14,566'. PUMPED 552 BBLS. WAIT @ 500' FOR FRAC ON "IH".
20:45	00:50	4.08	P	STG14	73	WOOWO	WAITING ON IH WELL OP'S
00:50	03:00	2.17	P	STG14	35	STIM	FRAC STAGE # 14: SICP 1,913. PUMP 30 BBLS 15% HCL; FRW PAD; 297,750 LBS 100 MESH SAND STEPPED .5 - 2.5 PPA; FRW SWEEP; 190 BBLS VISCOSIFIED 15% HCL; FRW SWEEP; 98,750 LBS 40/70 SAND STEPPED 1.0 - 2.5 PPA; OVERFLUSH 15 BBLS W/ FRW. ISIP 3,105. FG .91. ATP 5,270. ATR 69.2. MTP 6,654. MTR 86.4 LTR: 8,289
03:00	05:30	2.50	P	STG14	73	WOOWO	WAITING ON OTHER WELL OP'S
05:30	06:00	0.50	P	STG15	28	SFTYMTG	SAFETY MEETING AND JSA REVIEW.

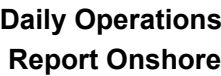
Daily Operations Comments:

NO INCIDENTS TO REPORT.

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
			Fluids Eng:	Qty	Description	ID	OD	Top Set
14.000	67.00 / 67.00		Pit Temp:					
9.625	1,035.00 / 1,035.00		Density:					
			Brine Type:					
			Gel Type:					
			Viscosity:					
			Nitrogen:					
			NTU:					
			FLOWBACK					
			Gas Rate:					
			Choke Size:					
			Avg. Tbg. Press:					
			Avg. Csg. Press:					
			Fluid Rate (Water):					
			Fluid Rate (Oil):					
			Tot. Load Recovered:					

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments



Country: USA
State: TEXAS
Field: SALT DRAW
Supervisors: HUGO RAMIREZ / GREG ALLGOOD / JOE GARCIA
Engineer/Manager: MEDINA, JAVIER / GRUBB, ALLEN

Report Number: 021
Report Date: 09/13/2016
Spud Date: 06/10/2016
Release Date:
DOE: 39 DOL: 21 AFE Days: 8.00
Last BOP T.: CSG Test:

****Data shared on this report is CONFIDENTIAL****

Event: COMPLETION LAND
Safety Meeting Topic:
Location: Lat: 31° 2' 10.11939 N
Long: 101° 6' 42.08084 W

API #: 4210542313
Rig:
Rig Phone:
KB(ft): 2,638.01
POB: 85 Manhours: 227.00

Current Activity:	WAITING ON OTHER WELL OP'S
24 Hr Summary:	PERF AND FRAC STG'S 15,16
24 Hr Forecast:	CONTINUE FRAC OPERATIONS.

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	07:00	1.00	P	STG15	18	OTHR	SCHEDULED MAINTENANCE - REHEAD WL.
07:00	07:30	0.50	N	STG15	09	EQRP	UNABLE TO GET SUCCESSFUL TEST PRIOR TO WL. CLOSED MANUAL ZIPPER VALVE. ONLY 24 OF 31.5 TURNS. GREASED AND GOT FULL TURNS. CLOSED MANUAL AND HCR ZIPPER VALVES ON "GH" LEG.
07:30	09:45	2.25	P	STG15	21	PERF	WL STAGE # 15: RU WL. TEST WLPCE TO 8,000 PSI. RIH W/ ECO-BOSS CFP + 8 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 48 SHOTS. CORRELATE W/ MJ @ 6,170'. PUMP DOWN AND SET CFP AT 14,384'. PU AND PERF ON FLY 14,198' - 14,366'. PUMPED 498 BBLS. WAIT @ 500' FOR FRAC ON "IH". POH. ALL SHOTS FIRED.
09:45	13:00	3.25	P	STG15	73	WOOWO	WAIT ON OPERATIONS ON OTHER WELLS.
13:00	15:30	2.50	P	STG15	35	STIM	FRAC STAGE # 15: SICP 1,908. PUMP 30 BBLS 15% HCL; FRW PAD; 298,000 LBS 100 MESH SAND STEPPED .5 - 2.5 PPA; FRW SWEEP; 190 BBLS VISCOSIFIED 15% HCL; FRW SWEEP; 99,800 LBS 40/70 SAND STEPPED 1.0 - 2.5 PPA; OVERFLUSH 15 BBLS W/ FRW. ISIP 2,932. FG .88. ATP 5,275. ATR 70.3. MTP 6,578. MTR 89.3 LTR: 7,834
15:30	19:15	3.75	P	STG16	73	WOOWO	WAIT ON OPERATIONS ON OTHER WELLS.
19:15	20:45	1.50	P	STG16	21	PERF	WL STAGE # 16: RU WL. TEST WLPCE TO 8,000 PSI. RIH W/ ECO-BOSS CFP + 8 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 48 SHOTS. CORRELATE W/ MJ @ 6,170'. PUMP DOWN AND SET CFP AT 14,181'. PU AND PERF ON FLY 13,998' - 14,166'. PUMPED 492 BBLS. WAIT @ 500' FOR FRAC ON "IH". POOH,ALL SHOTS FIRED
20:45	00:30	3.75	P	STG16	73	WOOWO	WAITING ON OTHER WELL OP'S
00:30	02:45	2.25	P	STG16	35	STIM	FRAC STAGE # 16: SICP 2,136. PUMP 30 BBLS 15% HCL; FRW PAD; 298,450 LBS 100 MESH SAND STEPPED .5 - 2.5 PPA; FRW SWEEP; 190 BBLS VISCOSIFIED 15% HCL; FRW SWEEP; 99,450 LBS 40/70 SAND STEPPED 1.0 - 2.5 PPA; OVERFLUSH 15 BBLS W/ FRW. ISIP 3,019. FG .89. ATP 5,171. ATR 71.4 MTP 6,389. MTR 91.8 LTR: 7,879
02:45	05:30	2.75	P	STG16	73	WOOWO	WAITING ON OTHER WELL OP'S
05:30	06:00	0.50	P	STG16	28	SFTYMTG	SAFETY MEETING AND JSA REVIEW WITH DAY CREW

Daily Operations Comments:

NO INCIDENTS TO REPORT.

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
			Fluids Eng:	Qty	Description	ID	OD	Top Set
14.000	67.00 / 67.00		Pit Temp:					
9.625	1,035.00 / 1,035.00		Density:					
			Brine Type:					
			Gel Type:					
			Viscosity:					
			Nitrogen:					
			NTU:					
			FLOWBACK					
			Gas Rate:					
			Choke Size:					
			Avg. Tbg. Press:					
			Avg. Csg. Press:					
			Fluid Rate (Water):					
			Fluid Rate (Oil):					
			Tot. Load Recovered:					

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments



Country: USA
State: TEXAS
Field: SALT DRAW
Supervisors: HUGO RAMIREZ / GREG ALLGOOD / JOE GARCIA
Engineer/Manager: MEDINA, JAVIER / GRUBB, ALLEN

Report Number: 022
Report Date: 09/14/2016
Spud Date: 06/10/2016
Release Date:
DOE: 40 DOL: 22 AFE Days: 8.00
Last BOP T.: CSG Test:

****Data shared on this report is CONFIDENTIAL****

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat: 31° 2' 10.11939 N
Long: 101° 6' 42.08084 W

API #: 4210542313
Rig:
Rig Phone:
KB(ft): 2,638.01
POB: 85 Manhours: 227.00

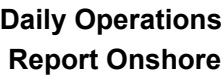
Current Activity: WAITING ON OTHER WELL OPS, CREW CHANGE
24 Hr Summary: W/L 17,18. FRAC 17,18
24 Hr Forecast: CONTINUE FRAC OPERATIONS.

OPERATION DETAILS							
FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	07:00	1.00	P	STG17	18	OTHR	SCHEDULED MAINTENANCE - REHEAD WL.
07:00	09:45	2.75	P	STG17	21	PERF	WL STAGE # 17: RU WL. TEST WLPCE. RIH W/ ECO-BOSS CFP + 7 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 42 SHOTS. CORRELATE W/ MJ @ 6,170'. PUMP DOWN. CFP AT 13,981'. PU AND PERF ON FLY 13,822' - 13,966'. PUMPED 456 BBLS. PUH. WAIT @ 200'. POH. ALL SHOTS FIRED.
09:45	13:00	3.25	P	STG17	73	WOOWO	WAITING ON OPERATIONS ON OTHER WELLS.
13:00	15:15	2.25	P	STG17	35	STIM	FRAC STAGE # 17: SICP 1,813. PUMP 30 BBLS 15% HCL; FRW PAD; 298,000 LBS 100 MESH SAND STEPPED .5 - 2.5 PPA; FRW SWEEP; 190 BBLS VISCOSIFIED 15% HCL; FRW SWEEP; 100,000 LBS 40/70 SAND STEPPED 1.0 - 2.5 PPA; OVERFLUSH 15 BBLS W/ FRW. ISIP 3,160. FG .92. ATP 5,413. ATR 71.5 MTP 6,462. MTR 90.4 LTR: 7,771
15:15	18:45	3.50	P	STG18	73	WOOWO	WAITING ON OPERATIONS ON OTHER WELLS.
18:45	19:45	1.00	P	STG18	21	PERF	WL STAGE # 18: RU WL. TEST WLPCE. RIH W/ ECO-BOSS CFP + 7 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 42 SHOTS. CORRELATE W/ MJ @ 6,170'. SET PLUG @13,804' AND PERF FROM 13,789-90' AND 13,762 - 63'. NEXT GUN WOULD NOT FIRE, P/U AND TRY NEXT ONE, NO FIRE. NOTIFY ENG AND OP'S SUPVR. POOH TO CHECK FOR PROBLEM
19:45	21:15	1.50	N	STG18	21	PERF	POOH FROM 13,693', WAIT AT 200' UNTIL IH FRAC OPS ARE DONE
21:30	22:15	0.75	N	STG18	21	PERF	L/D GUNS, ALL 8 WENT OFF, NOTIFY ENGINEER AND OP'S SUPVR. WILL RUN 5 GUNS AND DUMMY PLUG AND PERF TOP 5 CLUSTERS ON DEPTH AS PER ENGINEER, CUT 500' OF WIRE, RE-HEAD AND INSTALL NEW COLLAR LOCATOR
22:15	23:00	0.75	P	STG18	21	PERF	STAB LUB AND TEST TO 8,000 PSI. B/O AND EQ TO SICP. OPEN WELL AND RIH WITH 5 GUNS, PERF FROM 13,622' TO 13,718' ON DEPTH. ALL FIRED
23:00	00:50	1.83	P	STG18	21	PERF	POOH UP TO 200' AND WAIT ON HH FRAC OPS
00:50	03:00	2.17	P	STG18	35	STIM	FRAC STAGE # 18: SICP 1,813. PUMP 30 BBLS 15% HCL; FRW PAD; 298,000 LBS 100 MESH SAND STEPPED .5 - 2.5 PPA; FRW SWEEP; 190 BBLS VISCOSIFIED 15% HCL; FRW SWEEP; 100,000 LBS 40/70 SAND STEPPED 1.0 - 2.5 PPA; OVERFLUSH 15 BBLS W/ FRW. ISIP 2,911. FG .88. ATP 5,005. ATR 75.5 MTP 5,982. MTR 90.0 LTR: 7,746
03:00	05:30	2.50	P	STG18	73	WOOWO	WAITING ON OTHER WELL OP'S
05:30	06:00	0.50	P	STG18	28	SFTYMTG	SAFETY AND JSA MEETING WITH DAY CREW, DISCUSS MUDDY CONDITIONS AND GOOD COMMUNICATIONS

Daily Operations Comments:
NO INCIDENTS TO REPORT.

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
			Fluids Eng:	Qty	Description	ID	OD	Top Set
14.000	67.00 / 67.00		Pit Temp:					
9.625	1,035.00 / 1,035.00		Density:					
			Brine Type:					
			Gel Type:					
			Viscosity:					
			Nitrogen:					
			NTU:					
			FLOWBACK					
			Gas Rate:					
			Choke Size:					
			Avg. Tbg. Press:					
			Avg. Csg. Press:					
			Fluid Rate (Water):					
			Fluid Rate (Oil):					
			Tot. Load Recovered:					

PERFORATIONS							
Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments



****Data shared on this report is CONFIDENTIAL****

Well Name/Wellbore No.: UNIVERSITY SALT DRAW 4101GH/00

Country: USA
State: TEXAS
Field: SALT DRAW
Supervisors: HUGO RAMIREZ / GREG ALLGOOD / JOE GARZA
Engineer/Manager: MEDINA, JAVIER / GRUBB, ALLEN

Report Number: 023
Report Date: 09/15/2016
Spud Date: 06/10/2016
Release Date:
DOE: 41 DOL: 23 AFE Days: 8.00
Last BOP T.: CSG Test:

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat: 31° 2' 10.11939 N
Long: 101° 6' 42.08084 W

API #: 4210542313
Rig:
Rig Phone:
KB(ft): 2,638.01
POB: 85 Manhours: 227.00

Current Activity: WAITING ON OTHER WELL OPS, SCHEDULED MAINT ON PUMP, TIGHTEN SPYDER BOLTS
24 Hr Summary: W/L 19,20. FRAC 19
24 Hr Forecast: CONTINUE FRAC OPERATIONS.

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	09:15	3.25	P	STG19	73	WOOWO	WAITING ON OPERATIONS ON OTHER WELLS.
09:15	11:25	2.17	P	STG19	21	PERF	WL STAGE # 19: RU WL. TEST WLPCE. RIH W/ ECO-BOSS CFP + 8 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 48 SHOTS. CORRELATE W/ MJ @ 6,170'. PUMP DOWN. CFP AT 13,600'. PU AND PERF ON FLY 13,422' - 13,590'. PUMPED 455 BBLS. PUH. WAIT @ 200'. POH. ALL SHOTS FIRED.
11:25	11:45	0.33	P	STG19	18	OTHR	SWAP WELLS.
11:45	13:50	2.08	P	STG19	35	STIM	FRAC STAGE # 19: SICP 1,959. PUMP 30 BBLS 15% HCL; FRW PAD; 299,000 LBS 100 MESH SAND STEPPED .5 - 2.5 PPA; FRW SWEEP; 190 BBLS VISCOSIFIED 15% HCL; FRW SWEEP; 98,000 LBS 40/70 SAND STEPPED 1.0 - 2.5 PPA; OVERFLUSH 15 BBLS W/ FRW. ISIP 2,998. FG .89. ATP 5,148. ATR 70.8 MTP 6,535. MTR 91.3 LTR: 7,689
13:50	00:00	10.17	P	STG20	73	WOOWO	WAITING ON OPERATIONS ON OTHER WELLS.
00:00	01:30	1.50	P	STG20	21	PERF	WL STAGE # 20: RU WL. TEST WLPCE. RIH W/ ECO-BOSS CFP + 6 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 36 SHOTS. CORRELATE W/ MJ @ 6,170'. PUMP DOWN. CFP AT 13,408'. PU AND PERF ON FLY 13,222' - 13,390'. PUMPED 465 BBLS. PUH. WAIT @ 200'. POH. ALL SHOTS FIRED.
01:30	02:45	1.25	P	STG20	73	WOOWO	WAITING AT 200' FOR HH FRAC OP'S
02:45	04:45	2.00	P	STG20	35	STIM	FRAC STAGE # 20: SICP 1,959. PUMP 30 BBLS 15% HCL; FRW PAD; 298,250 LBS 100 MESH SAND STEPPED .5 - 2.5 PPA; FRW SWEEP; 190 BBLS VISCOSIFIED 15% HCL; FRW SWEEP; 298,250 LBS 40/70 SAND STEPPED 1.0 - 2.5 PPA; OVERFLUSH 15 BBLS W/ FRW. ISIP 2,978. FG .89. ATP 5,064. ATR 66.8 MTP 7,024. MTR 90.5 LTR: 7,556 START LOTO PUMPS TO CHECK SPYDER BOLTS ON FLUID END
04:45	06:00	1.25	P	STG20	28	SFTYMTG	SAFETY AND JSA MEETING WITH DAY CREW, DISCUSS H.E.L.P. AND HOUSEKEEPING, NIGHT CREW CHECKING SPYDER BOLTS ON ALL PUMPS

Daily Operations Comments:

NO INCIDENTS TO REPORT.

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
			Fluids Eng:	Qty	Description	ID	OD	Top Set
14.000	67.00 / 67.00		Pit Temp:					
9.625	1,035.00 / 1,035.00		Density:					
			Brine Type:					
			Gel Type:					
			Viscosity:					
			Nitrogen:					
			NTU:					
			FLOWBACK					
			Gas Rate:					
			Choke Size:					
			Avg. Tbg. Press:					
			Avg. Csg. Press:					
			Fluid Rate (Water):					
			Fluid Rate (Oil):					
			Tot. Load Recovered:					

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments



Country: USA
State: TEXAS
Field: SALT DRAW
Supervisors: JUAN CASTILLO / GREG ALLGOOD / RICK MULLEN
Engineer/Manager: MEDINA, JAVIER / GRUBB, ALLEN

Report Number: 024
Report Date: 09/16/2016
Spud Date: 06/10/2016
Release Date:
DOE: 42 DOL: 24 AFE Days: 8.00
Last BOP T.: CSG Test:

****Data shared on this report is CONFIDENTIAL****

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat: 31° 2' 10.11939 N
Long: 101° 6' 42.08084 W

API #: 4210542313
Rig:
Rig Phone:
KB(ft): 2,638.01
POB: 85 Manhours: 227.00

Current Activity: BEGIN FRAC STAGE 22
24 Hr Summary: COMPLETE STAGE 21, WL STAGE 22
24 Hr Forecast: CONTINUE FRAC OPERATIONS.

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	11:30	5.50	P	STG21	73	WOOWO	WAIT ON OPERATIONS ON OTHER WELLS.
11:30	14:00	2.50	P	STG21	21	PERF	WL STAGE # 21: RU WL. TEST WLPCE. RIH W/ ECO-BOSS CFP + 8 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 48 SHOTS. CORRELATE W/ MJ @ 6,170'. PUMP DOWN. CFP AT 13,204'. PU AND PERF ON FLY 13,022' - 13,190'. PUMPED 412 BBLS. PUH. WAIT @ 200'. POH. ALL SHOTS FIRED.
14:00	14:30	0.50	P	STG21	18	OTHR	SCHEDULED MAINTENANCE - GREASE STACK.
14:30	16:30	2.00	P	STG21	35	STIM	FRAC STAGE # 21: SICP 1,995. PUMP 30 BBLS 15% HCL; FRW PAD; 297,000 LBS 100 MESH .5 - 2.5 PPA; FRW SWEEP; 190 BBLS VISCOSIFIED 15% HCL; FRW SWEEP; 99,000 LBS 40/70 SAND STEPPED 1.0 - 2.5 PPA; OVERFLUSH 15 BBLS W/ FRW. ISIP 3,099. FG .91. ATP 5,504. ATR 71.9 MTP 6,632. MTR 90.5 LTR: 7,791
16:30	22:50	6.33	P	STG21	72	DRLCMT	WAITING ON OTHER WELL OP'S
22:50	01:30	2.67	P	STG22	21	PERF	WL STAGE # 22: RU WL. TEST WLPCE. RIH W/ ECO-BOSS CFP + 8 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 48 SHOTS. CORRELATE W/ MJ @ 6,170'. PUMP DOWN. CFP AT 13,004'. PU AND PERF ON FLY 12,822' - 12,990'. PUMPED 397 BBLS. PUH. WAIT @ 200'. POH. ALL SHOTS FIRED.
01:30	02:30	1.00	P	STG22	18	OTHR	RE-HEAD DUE TO HIGH STRAND AT CABLE HEAD
02:30	05:30	3.00	P	STG22	72	DRLCMT	WAITING ON OTHER WELL OP'S
05:30	06:00	0.50	P	STG22	28	SFTYMTG	SAFETY AND JSA MEETING WITH DAY CREW, DISCUSS H.E.L.P. AND HOUSEKEEPING, STOP WORK RESPONSIBILITY.

Daily Operations Comments:

NO INCIDENTS TO REPORT.

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
	/		Fluids Eng:	Qty	Description	ID	OD	Top Set
14.000	67.00 / 67.00		Pit Temp:					
9.625	1,035.00 / 1,035.00		Density:					
			Brine Type:					
			Gel Type:					
			Viscosity:					
			Nitrogen:					
			NTU:					
			FLOWBACK					
			Gas Rate:					
			Choke Size:					
			Avg. Tbg. Press:					
			Avg. Csg. Press:					
			Fluid Rate (Water):					
			Fluid Rate (Oil):					
			Tot. Load Recovered:					

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments



Country: USA
State: TEXAS
Field: SALT DRAW
Supervisors: JUAN CASTILLO / DAVID HAMMEKE / RICK MUL
Engineer/Manager: MEDINA, JAVIER / GRUBB, ALLEN

Report Number: 025
Report Date: 09/17/2016
Spud Date: 06/10/2016
Release Date:
DOE: 43 DOL: 25 AFE Days: 8.00
Last BOP T.: CSG Test:

****Data shared on this report is CONFIDENTIAL****

Event: COMPLETION LAND
Safety Meeting Topic:
Location: Lat: 31° 2' 10.11939 N
Long: 101° 6' 42.08084 W

API #: 4210542313
Rig:
Rig Phone:
KB(ft): 2,638.01
POB: 85 Manhours: 227.00

Current Activity: BEGIN WL STAGE 24
24 Hr Summary: COMPLETE STAGE 22 -23
24 Hr Forecast: CONTINUE FRAC OPERATIONS.

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	08:00	2.00	N	STG21	18	OTHR	WATER TRANSFER SWAPPING PITS.
08:00	10:00	2.00	P	STG22	35	STIM	FRAC STAGE # 22: SICP 2,068. PUMP 30 BBLS 15% HCL; FRW PAD; 297,000 LBS 100 MESH .5 - 2.5 PPA; FRW SWEEP; 190 BBLS VISCOSIFIED 15% HCL; FRW SWEEP; 99,500 LBS 40/70 SAND STEPPED 1.0 - 2.5 PPA; OVERFLUSH 15 BBLS W/ FRW. ISIP 2,935. FG .88. ATP 5,391. ATR 74.6 MTP 6,787. MTR 89.3 LTR: 7,667
10:00	12:30	2.50	P	STG23	21	PERF	WL STAGE # 23: RU WL. TEST WLPCE. RIH W/ ECO-BOSS CFP + 7 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 42 SHOTS. CORRELATE W/ MJ @ 6,170'. PUMP DOWN. CFP AT 12,804'. PU AND PERF ON FLY 12,622' - 12,790'. PUMPED 370 BBLS. PUH. WAIT @ 200'. POH. ALL SHOTS FIRED.
12:30	17:30	5.00	P	STG23	73	WOOWO	STAND BY FOR ADJACENT WELL OPERATIONS.
17:30	18:00	0.50	P	STG23	28	SFTYMTG	SAFETY AND JSA MEETING WITH NIGHT CREW, DISCUSS H.E.L.P., OPERATIONAL DISCIPLINE, AND STOP WORK
18:00	19:30	1.50	P	STG23	73	WOOWO	STAND BY FOR ADJACENT WELL OPERATIONS.
19:30	21:45	2.25	P	STG23	35	STIM	FRAC STAGE # 23: SICP 2,125. PUMP 30 BBLS 15% HCL; FRW PAD; 298,000 LBS 100 MESH .5 - 2.5 PPA; FRW SWEEP; 190 BBLS VISCOSIFIED 15% HCL; FRW SWEEP; 99,000 LBS 40/70 SAND STEPPED 1.0 - 2.5 PPA; OVERFLUSH 15 BBLS W/ FRW. ISIP 2,903. FG .88. ATP 5,180. ATR 73.3 MTP 6,704. MTR 90.4 LTR: 7,707 BBLS
21:45	01:30	3.75	P	STG24	73	WOOWO	STAND BY FOR ADJACENT WELL OPERATIONS.
01:30	05:30	4.00	N	STG24	09	EQRP	WHILE POH IN PREVIOUS WELL, CCL STOPPED WORKING AT 300'. RE-HEAD WIRELINE AND TEST FOR CONDUCTIVITY. FOUND SHORT IN WIRE. SPOOL OFF 500' AND RE-HEAD AGAIN. UPON RE-TESTING, IT WAS DISCOVERED THAT SLIP RING ON WLU WAS BAD. REPLACED SLIP RING AND TSTED GOOD.
05:30	06:00		P	STG24	28	SFTYMTG	SAFETY AND JSA MEETING WITH DAY CREW, DISCUSS H.E.L.P. AND HOUSE KEEPING.

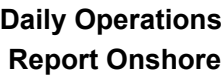
Daily Operations Comments:

NO INCIDENTS TO REPORT.

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
			Fluids Eng:	Qty	Description	ID	OD	Top Set
14.000	67.00 / 67.00		Pit Temp:					
9.625	1,035.00 / 1,035.00		Density:					
			Brine Type:					
			Gel Type:					
			Viscosity:					
			Nitrogen:					
			NTU:					
			FLOWBACK					
			Gas Rate:					
			Choke Size:					
			Avg. Tbg. Press:					
			Avg. Csg. Press:					
			Fluid Rate (Water):					
			Fluid Rate (Oil):					
			Tot. Load Recovered:					

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments



****Data shared on this report is CONFIDENTIAL****

Well Name/Wellbore No.: UNIVERSITY SALT DRAW 4101GH/00

Country: USA
State: TEXAS
Field: SALT DRAW
Supervisors: JUAN CASTILLO / DAVID HAMMEKE / RICK MUI
Engineer/Manager: MEDINA, JAVIER / GRUBB, ALLEN

Report Number: 026
Report Date: 09/18/2016
Spud Date: 06/10/2016
Release Date:
DOE: 44 DOL: 26 AFE Days: 8.00
Last BOP T.: CSG Test:

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat: 31° 2' 10.11939 N
Long: 101° 6' 42.08084 W

API #: 4210542313
Rig:
Rig Phone:
KB(ft): 2,638.01
POB: 85 Manhours: 227.00

Current Activity: WOOWO, READY TO WL STAGE 26
24 Hr Summary: COMPLETE STAGES 24-25
24 Hr Forecast: CONTINUE FRAC OPERATIONS.

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	09:00	3.00	P	STG24	21	PERF	WL STAGE # 24: RU WL. TEST WLPCE. RIH W/ ECO-BOSS CFP + 8 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 48 SHOTS. CORRELATE W/ MJ @ 6,170'. PUMP DOWN. CFP AT 12,604'. PU AND PERF ON FLY 12,422' - 12,590'. PUMPED 360 BBLS. PUH. WAIT @ 200'. POH. ALL SHOTS FIRED.
09:00	11:00	2.00	P	STG24	35	STIM	FRAC STAGE # 24: SICP . PUMP 30 BBLS 15% HCL; FRW PAD; 298000 LBS 100 MESH .5 - 2.5 PPA; FRW SWEEP; 190 BBLS VISCOSIFIED 15% HCL; FRW SWEEP; 99,500 LBS 40/70 SAND STEPPED 1.0 - 2.5 PPA; OVERFLUSH 15 BBLS W/ FRW. ISIP 3,127. FG .91. ATP 5,106. ATR 72 MTP 6,250. MTR 89.5 LTR; 7,623 BBLS
11:00	17:30	6.50	P	STG25	73	WOOWO	WOOWO
17:30	18:00	0.50	P	STG25	28	SFTYMTG	SAFETY AND JSA MEETING WITH NIGHT CREW, DISCUSS H.E.L.P., OPERATIONAL DISCIPLINE, AND STOP WORK
18:00	20:15	2.25	P	STG25	21	PERF	WL STAGE # 25: RU WL. TEST WLPCE. RIH W/ ECO-BOSS CFP + 7 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 42 SHOTS. CORRELATE W/ MJ @ 6,170'. PUMP DOWN. CFP AT 12,404'. PU AND PERF ON FLY 12,222' - 12,387'. PUMPED 378 BBLS. PUH. WAIT @ 200'. POH. ALL SHOTS FIRED.
20:15	21:25	1.17	P	STG25	09	EQRP	GREASE AND TORQUE ZIPPER AND FRAC STACK.
21:25	23:30	2.08	P	STG25	35	STIM	FRAC STAGE # 25: SICP . PUMP 30 BBLS 15% HCL; FRW PAD; 298,200 LBS 100 MESH .5 - 2.5 PPA; FRW SWEEP; 190 BBLS VISCOSIFIED 15% HCL; FRW SWEEP; 99,400 LBS 40/70 SAND STEPPED 1.0 - 2.5 PPA; OVERFLUSH 15 BBLS W/ FRW. ISIP 2,963. FG .89. ATP 5,154. ATR 74.1 MTP 6,167. MTR 90.4 LTR; 7,268 BBLS
23:30	05:30	6.00	P	STG26	73	WOOWO	STAND BY FOR ADJACENT WELL OPERATIONS.
05:30	06:00	0.50	P	STG26	28	SFTYMTG	SAFETY AND JSA MEETING WITH DAY CREW, DISCUSS H.E.L.P. AND HOUSE KEEPING.

Daily Operations Comments:

NO INCIDENTS TO REPORT.

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
			Fluids Eng:	Qty	Description	ID	OD	Top Set
14.000	67.00 / 67.00		Pit Temp:					
9.625	1,035.00 / 1,035.00		Density:					
			Brine Type:					
			Gel Type:					
			Viscosity:					
			Nitrogen:					
			NTU:					
			FLOWBACK					
			Gas Rate:					
			Choke Size:					
			Avg. Tbg. Press:					
			Avg. Csg. Press:					
			Fluid Rate (Water):					
			Fluid Rate (Oil):					
			Tot. Load Recovered:					

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments



Country: USA
State: TEXAS
Field: SALT DRAW
Supervisors: JUAN CASTILLO / DAVID HAMMEKE / RICK MUL
Engineer/Manager: MEDINA, JAVIER / GRUBB, ALLEN

Report Number: 027
Report Date: 09/19/2016
Spud Date: 06/10/2016
Release Date:
DOE: 45 DOL: 27 AFE Days: 8.00
Last BOP T.: CSG Test:

****Data shared on this report is CONFIDENTIAL****

Event: COMPLETION LAND
Safety Meeting Topic:
Location: Lat: 31° 2' 10.11939 N
Long: 101° 6' 42.08084 W

API #: 4210542313
Rig:
Rig Phone:
KB(ft): 2,638.01
POB: 85 Manhours: 227.00

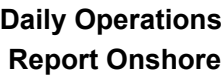
Current Activity: FRAC STAGE 27 IN PROGRESS
24 Hr Summary: COMPLETE STAGES 26, WL STAGE 27
24 Hr Forecast: CONTINUE FRAC OPERATIONS.

OPERATION DETAILS							
FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	08:30	2.50	P	STG26	73	WOOWO	STAND BY FOR ADJACENT WELL OPERATIONS.
08:30	12:05	3.58	P	STG26	21	PERF	WL STAGE # 26: RU WL. TEST WLPCE. RIH W/ ECO-BOSS CFP + 8 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 48 SHOTS. CORRELATE W/ MJ @ 6,170'. PUMP DOWN. CFP AT 12,204'. PU AND PERF ON FLY 12,018' - 12,193'. PUMPED 344 BBLS. PUH. WAIT @ 200'. POH. ALL SHOTS FIRED.
12:05	13:15	1.17	N	STG26	35	STIM	BEGIN FRAC ON STAGE 26. "Y" IN MAIN FRAC LINE WASHED OUT WHILE ON 2 PPG 100 MESH SAND.
13:15	15:00	1.75	N	STG26	09	EQRP	CLOSE ZIPPER AND FLUSH WELL ONE CAPACITY USING PUMP DOWN PUMPS. REPLACE "Y" AND TEST LINES.
15:00	16:30	1.50	P	STG26	35	STIM	FRAC STAGE # 26: SICP . PUMP 30 BBLS 15% HCL; FRW PAD; 299,800 LBS 100 MESH .5 - 2.5 PPA; FRW SWEEP; 190 BBLS VISCOSIFIED 15% HCL; FRW SWEEP; 99,800 LBS 40/70 SAND STEPPED 1.0 - 2.5 PPA; OVERFLUSH 15 BBLS W/ FRW. ISIP 2,999. FG .89. ATP 5,075. ATR 68.6, MTP 6,222. MTR 87.5 LTR; 8,922 BBLS
16:30	17:30	1.00	P	STG27	73	WOOWO	STAND BY FOR ADJACENT WELL OPERATIONS.
17:30	18:00	0.50	P	STG27	28	SFTYMTG	SAFETY AND JSA MEETING WITH NIGHT CREW, DISCUSS H.E.L.P., OPERATIONAL DISCIPLINE, AND STOP WORK
18:00	20:30	2.50	P	STG27	73	WOOWO	STAND BY FOR ADJACENT WELL OPERATIONS.
20:30	22:15	1.75	P	STG27	21	PERF	WL STAGE # 27: RU WL. TEST WLPCE. RIH W/ ECO-BOSS CFP + 7 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 42 SHOTS. CORRELATE W/ MJ @ 6,170'. PUMP DOWN. CFP AT 12,004'. PU AND PERF ON FLY 11,826' - 11,990'. PUMPED 331 BBLS. PUH. WAIT @ 200'. POH. ALL SHOTS FIRED.
22:15	23:30	1.25	N	STG27	09	EQRP	WHILE PREPARING TO FRAC ADJACENT WELL, SAW PRESSURE COMMUNICATION COMING FROM LEAK ON HYD ZIPPER VALVE. ATTEMPTED TO CLOSE MANUAL VALVE TO ISOLATE. MANUAL VALVE WOULD NOT OPERATE. FLUSH VALVE WITH WATER AND THEN GREASE TO CLEAN OUT SAND DEBRIS.
23:30	05:15	5.75	P	STG27	73	WOOWO	STAND BY FOR ADJACENT WELL OPERATIONS.
05:15	05:30	0.25	P	STG27	35	STIM	FRAC STAGE 27 IN PROGRESS AT REPORT TIME.
05:30	06:00	0.50	P	STG27	28	SFTYMTG	SAFETY AND JSA MEETING WITH DAY CREW, DISCUSS H.E.L.P. AND HOUSE KEEPING.

Daily Operations Comments:
NO INCIDENTS TO REPORT.

Casing			Fluids	Completion String Details				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
			Fluids Eng:	Qty	Description	ID	OD	Top Set
14.000	67.00 / 67.00		Pit Temp:					
9.625	1,035.00 / 1,035.00		Density:					
			Brine Type:					
			Gel Type:					
			Viscosity:					
			Nitrogen:					
			NTU:					
			Flowback					
			Gas Rate:					
			Choke Size:					
			Avg. Tbg. Press:					
			Avg. Csg. Press:					
			Fluid Rate (Water):					
			Fluid Rate (Oil):					
			Tot. Load Recovered:					

PERFORATIONS							
Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments



Well Name/Wellbore No.: UNIVERSITY SALT DRAW 4101GH/00

Country: USA
State: TEXAS
Field: SALT DRAW
Supervisors: JUAN CASTILLO / DAVID HAMMEKE / RICK MUL
Engineer/Manager: MEDINA, JAVIER / GRUBB, ALLEN

Report Number: 028
Report Date: 09/20/2016
Spud Date: 06/10/2016
Release Date:
DOE: 46 DOL: 28 AFE Days: 8.00
Last BOP T.: CSG Test:

****Data shared on this report is CONFIDENTIAL****

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat: 31° 2' 10.11939 N
Long: 101° 6' 42.08084 W

API #: 4210542313
Rig:
Rig Phone:
KB(ft): 2,638.01
POB: 85 Manhours: 227.00

Current Activity: WOOWO, READY TO FRAC STAGE 29
24 Hr Summary: COMPLETE STAGES 27-28, WL STAGE 29
24 Hr Forecast: CONTINUE FRAC OPERATIONS.

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	08:00	2.00	P	STG27	35	STIM	FRAC STAGE # 27: SICP 2,006 . PUMP 30 BBLS 15% HCL; FRW PAD; 297,200 LBS 100 MESH .5 - 2.5 PPA; FRW SWEEP; 190 BBLS VISCOSIFIED 15% HCL; FRW SWEEP; 99,600 LBS 40/70 SAND STEPPED 1.0 - 2.5 PPA; OVERFLUSH 15 BBLS W/ FRW. ISIP 3,088. FG .91. ATP 5,027. ATR 67.1, MTP 6,256. MTR 90.7 LTR: 7,955 BBLS
08:00	11:00	3.00	P	STG28	21	PERF	WL STAGE # 28: RU WL. TEST WLPCE. RIH W/ ECO-BOSS CFP + 7 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 42 SHOTS. CORRELATE W/ MJ @ 6,170'. PUMP DOWN. CFP AT 11,804'. PU AND PERF ON FLY 11,626' - 11,766'. PUMPED 322 BBLS. PUH. WAIT @ 200'. POH. ALL SHOTS FIRED.
11:00	17:30	6.50	P	STG28	73	WOOWO	STAND BY FOR ADJACENT WELL OPERATIONS.
17:30	18:00	0.50	P	STG28	28	SFTYMTG	HELD SAFETY MEETING WITH NIGHT CREW. DISCUSSED SPOTTING HEAVY EQUIPMENT AND SEC 11 OF SAFETY, COMPLIANCE AND ADMINISTRATIVE NOTES.
18:00	20:15	2.25	P	STG28	73	WOOWO	STAND BY FOR ADJACENT WELL OPERATIONS.
20:15	22:15	2.00	P	STG28	35	STIM	FRAC STAGE # 28: SICP: 2,003 . PUMP 30 BBLS 15% HCL; FRW PAD; 298,350 LBS 100 MESH .5 - 2.5 PPA; FRW SWEEP; 190 BBLS VISCOSIFIED 15% HCL; FRW SWEEP; 99,650 LBS 40/70 SAND STEPPED 1.0 - 2.5 PPA; OVERFLUSH 15 BBLS W/ FRW. ISIP: 2,910. FG 0.88. ATP: 4,111. ATR: 72.9, MTP: 6,087. MTR: 89.8 LTR: 7,747 BBLS
22:15	22:45	0.50	P	STG28	73	WOOWO	STAND BY FOR ADJACENT WELL OPERATIONS.
22:45	01:30	2.75	P	STG29	21	PERF	WL STAGE # 29: RU WL. TEST WLPCE. RIH W/ ECO-BOSS CFP + 7 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 42 SHOTS. CORRELATE W/ MJ @ 6,170'. PUMP DOWN. CFP AT 11,604'. PU AND PERF ON FLY 11,422' - 11,590'. PUMPED 292 BBLS. PUH. WAIT @ 200'. POH. ALL SHOTS FIRED.
01:30	02:30	1.00	P	STG29	18	OTHR	GREASE WELLHEAD EQUIP.
02:30	05:30	3.00	P	STG29	73	WOOWO	STAND BY FOR ADJACENT WELL OPERATIONS.
05:30	06:00		P	STG29	28	SFTYMTG	SAFETY AND JSA MEETING WITH DAY CREW, DISCUSS H.E.L.P. AND STOP WORK RESPONSIBILITY

Daily Operations Comments:

NO INCIDENTS TO REPORT.

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
			Fluids Eng:	Qty	Description	ID	OD	Top Set
14.000	67.00 / 67.00		Pit Temp:					
9.625	1,035.00 / 1,035.00		Density:					
			Brine Type:					
			Gel Type:					
			Viscosity:					
			Nitrogen:					
			NTU:					
			FLOWBACK					
			Gas Rate:					
			Choke Size:					
			Avg. Tbg. Press:					
			Avg. Csg. Press:					
			Fluid Rate (Water):					
			Fluid Rate (Oil):					
			Tot. Load Recovered:					

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments



Country: USA
State: TEXAS
Field: SALT DRAW
Supervisors: JUAN CASTILLO / DAVID HAMMEKE / RICK MUL
Engineer/Manager: MEDINA, JAVIER / GRUBB, ALLEN

Report Number: 029
Report Date: 09/21/2016
Spud Date: 06/10/2016
Release Date:
DOE: 47 DOL: 29 AFE Days: 8.00
Last BOP T.: CSG Test:

****Data shared on this report is CONFIDENTIAL****

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat: 31° 2' 10.11939 N
Long: 101° 6' 42.08084 W

API #: 4210542313
Rig:
Rig Phone:
KB(ft): 2,638.01
POB: 85 Manhours: 227.00

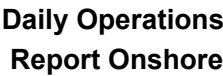
Current Activity: WOOWO, READY TO FRAC STAGE 31
24 Hr Summary: COMPLETE STAGES 29-30, WL STAGE 31
24 Hr Forecast: CONTINUE FRAC OPERATIONS.

OPERATION DETAILS							
FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	08:30	2.50	P	STG29	73	WOOWO	STAND BY FOR ADJACENT WELL OPERATIONS.
08:30	11:00	2.50	P	STG29	35	STIM	FRAC STAGE # 29: SICP: 2,034 . PUMP 30 BBLS 15% HCL; FRW PAD; 300,000 LBS 100 MESH .5 - 2.5 PPA; FRW SWEEP; 190 BBLS VISCOSIFIED 15% HCL; FRW SWEEP; 98,800 LBS 40/70 SAND STEPPED 1.0 - 2.5 PPA; OVERFLUSH 15 BBLS W/ FRW. ISIP: 2,862. FG 0.87. ATP: 5,347. ATR: 68, MTP: 6,720. MTR: 87.9 LTR: 7,805 BBLS
11:00	14:00	3.00	P	STG30	21	PERF	WL STAGE # 30: RU WL. TEST WLPCE. RIH W/ ECO-BOSS CFP + 7 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 42 SHOTS. CORRELATE W/ MJ @ 6,170'. PUMP DOWN. CFP AT 11,404'. PU AND PERF ON FLY 11,246' - 11,390'. PUMPED 302 BBLS. PUH. WAIT @ 200'. POH. ALL SHOTS FIRED.
14:00	17:30	3.50	P	STG30	73	WOOWO	STAND BY FOR ADJACENT WELL OPERATIONS.
17:30	21:00	3.50	P	STG30	28	SFTYMTG	SAFETY AND JSA MEETING WITH NIGHT CREW, DISCUSS H.E.L.P., OPERATIONAL DISCIPLINE, AND STOP WORK
21:00	00:00	3.00	P	STG30	35	STIM	FRAC STAGE # 30: SICP: 2,047 . PUMP 30 BBLS 15% HCL; FRW PAD; 299,180 LBS 100 MESH .5 - 2.5 PPA; FRW SWEEP; 190 BBLS VISCOSIFIED 15% HCL; FRW SWEEP; 101,200 LBS 40/70 SAND STEPPED 1.0 - 2.5 PPA; OVERFLUSH 15 BBLS W/ FRW. ISIP: 2,822. FG 0.86. ATP: 4,983. ATR: 64.9, MTP: 6,359. MTR: 86.9 LTR: 7,421 BBLS
00:00	02:00	2.00	P	STG31	09	EQRP	REPLACE GREASE TUBES IN GREASE HEAD AND RE-HEAD WL TOOLS.
02:00	03:00	1.00	P	STG31	73	WOOWO	STAND BY FOR ADJACENT WELL OPERATIONS.
03:00	05:30	2.50	P	STG31	21	PERF	WL STAGE # 31: RU WL. TEST WLPCE. RIH W/ ECO-BOSS CFP + 8 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 48 SHOTS. CORRELATE W/ MJ @ 6,170'. PUMP DOWN. CFP AT 11,228'. PU AND PERF ON FLY 11,046' - 11,217'. PUMPED 285 BBLS. PUH. WAIT @ 200'. POH. ALL SHOTS FIRED.
05:30	06:00		P	STG31	28	SFTYMTG	SAFETY AND JSA MEETING WITH DAY CREW, DISCUSS H.E.L.P. AND STOP WORK RESPONSIBILITY

Daily Operations Comments:
NO INCIDENTS TO REPORT.

Casing			Fluids	Completion String Details				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
	/		Fluids Eng:	Qty	Description	ID	OD	Top Set
14.000	67.00 / 67.00		Pit Temp:					
9.625	1,035.00 / 1,035.00		Density:					
			Brine Type:					
			Gel Type:					
			Viscosity:					
			Nitrogen:					
			NTU:					
			Flowback					
			Gas Rate:					
			Choke Size:					
			Avg. Tbg. Press:					
			Avg. Csg. Press:					
			Fluid Rate (Water):					
			Fluid Rate (Oil):					
			Tot. Load Recovered:					

PERFORATIONS							
Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments



Country: USA
State: TEXAS
Field: SALT DRAW
Supervisors: JUAN CASTILLO / DAVID HAMMEKE / RICK MUL
Engineer/Manager: MEDINA, JAVIER / GRUBB, ALLEN

Report Number: 030
Report Date: 09/22/2016
Spud Date: 06/10/2016
Release Date:
DOE: 48 DOL: 30 AFE Days: 8.00
Last BOP T.: CSG Test:

****Data shared on this report is CONFIDENTIAL****

Event: COMPLETION LAND
Safety Meeting Topic:
Location: Lat: 31° 2' 10.11939 N
Long: 101° 6' 42.08084 W

API #: 4210542313
Rig:
Rig Phone:
KB(ft): 2,638.01
POB: 85 Manhours: 227.00

Current Activity:	WOOWO, READY TO WL STAGE 33
24 Hr Summary:	COMPLETE STAGES 31-32
24 Hr Forecast:	CONTINUE FRAC OPERATIONS.

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	11:00	5.00	P	STG32	73	WOOWO	STAND BY FOR ADJACENT WELL OPERATIONS.
11:00	13:30	2.50	P	STG31	35	STIM	FRAC STAGE # 31: SICP: 2,015. PUMP 30 BBLS 15% HCL; FRW PAD; 296,200 LBS 100 MESH .5 - 2.5 PPA; FRW SWEEP; 190 BBLS VISCOSIFIED 15% HCL; FRW SWEEP; 98,400 LBS 40/70 SAND STEPPED 1.0 - 2.5 PPA; OVERFLUSH 15 BBLS W/ FRW. ISIP: 3,221. FG 0.93. ATP: 4,766. ATR: 65.5, MTP: 5,947. MTR: 87.6 LTR: 7,865 BBLS
15:15	16:15	1.00	P	STG32	09	EQRP	RE-HEAD WL. GREASE ZIPPER MANIFOLD.
16:15	17:30	1.25	P	STG32	73	WOOWO	WOOWO
17:30	18:00	0.50	P	STG32	28	SFTYMTG	SAFETY AND JSA MEETING WITH NIGHT CREW, DISCUSS H.E.L.P., OPERATIONAL DISCIPLINE, AND STOP WORK
18:00	19:00	1.00	N	STG32	09	EQRP	SWAPPED OUT ZIPPER CLOSING UNIT "A" AND BACK UP CLOSING UNIT WOULD NOT START. CONNECT ZIPPER TO UNSUED STATION ON SECONDARY ZIPPER CLOSING UNIT "B". ORDER OUT REPLACEMENT FOR CLOSING UNIT "A".
19:00	21:15	2.25	P	STG32	21	PERF	WL STAGE # 32: RU WL. TEST WLPCE. RIH W/ ECO-BOSS CFP + 6 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 36 SHOTS. CORRELATE W/ MJ @ 6,170'. PUMP DOWN. CFP AT 11,028'. PU AND PERF ON FLY 10,842' - 10,990'. PUMPED 263 BBLS. PUH. WAIT @ 200'. POH. ALL SHOTS FIRED.
21:15	00:30	3.25	P	STG32	73	WOOWO	STAND BY FOR ADJACENT WELL OPERATIONS.
00:30	03:15	2.75	P	STG32	35	STIM	FRAC STAGE # 32: SICP: 1,978. PUMP 30 BBLS 15% HCL; FRW PAD; 297,940 LBS 100 MESH .5 - 2.5 PPA; FRW SWEEP; 190 BBLS VISCOSIFIED 15% HCL; FRW SWEEP; 100,480 LBS 40/70 SAND STEPPED 1.0 - 2.5 PPA; OVERFLUSH 15 BBLS W/ FRW. ISIP: 3,224. FG 0.93. ATP: 5,348. ATR: 67.2, MTP: 6,400. MTR: 67.9 LTR: 7,289 BBLS
03:15	05:30	2.25	P	STG32	73	WOOWO	STAND BY FOR ADJACENT WELL OPERATIONS.
05:30	06:00	0.50	P	STG32	28	SFTYMTG	SAFETY AND JSA MEETING WITH DAY CREW, DISCUSS H.E.L.P. AND HOUSE KEEPING.

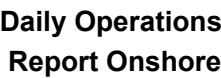
Daily Operations Comments:

NO INCIDENTS TO REPORT.

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)		Down Hole Tool Co:		Tool Sup:		
				Qty	Description	ID	OD	Top Set
14.000	67.00 / 67.00		Fluids Co:					
9.625	1,035.00 / 1,035.00		Fluids Eng:					
			Pit Temp:					
			Density:					
			Brine Type:					
			Gel Type:					
			Viscosity:					
			Nitrogen:					
			NTU:					
			FLOWBACK					
			Gas Rate:					
			Choke Size:					
			Avg. Tbg. Press:					
			Avg. Csg. Press:					
			Fluid Rate (Water):					
			Fluid Rate (Oil):					
			Tot. Load Recovered:					

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments



Country: USA
State: TEXAS
Field: SALT DRAW
Supervisors: JUAN CASTILLO / DAVID HAMMEKE / RICK MUL
Engineer/Manager: MEDINA, JAVIER / GRUBB, ALLEN

Report Number: 031
Report Date: 09/23/2016
Spud Date: 06/10/2016
Release Date:
DOE: 49 DOL: 31 AFE Days: 8.00
Last BOP T.: CSG Test:

****Data shared on this report is CONFIDENTIAL****

Event: COMPLETION LAND
Safety Meeting Topic:
Location: Lat: 31° 2' 10.11939 N
Long: 101° 6' 42.08084 W

API #: 4210542313
Rig:
Rig Phone:
KB(ft): 2,638.01
POB: 85 Manhours: 227.00

Current Activity: WOOWO, READY TO WL STG 35
24 Hr Summary: COMPLETE STAGES 33-34
24 Hr Forecast: CONTINUE FRAC OPERATIONS.

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	10:00	4.00	P	STG33	73	WOOWO	STAND BY FOR ADJACENT WELL OPERATIONS.
10:00	12:15	2.25	P	STG33	21	PERF	WL STAGE # 33: RU WL. TEST WLPCE. RIH W/ ECO-BOSS CFP + 7 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 42 SHOTS. CORRELATE W/ MJ @ 6,170'. PUMP DOWN. CFP AT 10,828'. PU AND PERF ON FLY 10,650' - 10,790'. PUMPED 266 BBLS. PUH. WAIT @ 200'. POH. ALL SHOTS FIRED.
12:15	13:00	0.75	P	STG33	09	EQRP	GREASE AND TORQUE WH.
13:00	15:30	2.50	P	STG33	73	WOOWO	STAND BY FOR ADJACENT WELL OPERATIONS.
15:30	17:30	2.00	P	STG33	35	STIM	FRAC STAGE # 33: SICP: 1,969. PUMP 30 BBLS 15% HCL; FRW PAD; 299,200 LBS 100 MESH .5 - 2.5 PPA; FRW SWEEP; 190 BBLS VISCOSIFIED 15% HCL; FRW SWEEP; 98,700 LBS 40/70 SAND STEPPED 1.0 - 2.5 PPA; OVERFLUSH 15 BBLS W/ FRW. ISIP: 3,225. FG 0.94. ATP: 5,414. ATR: 73.6, MTP: 6,351. MTR: 90.3 LTR: 8,049 BBLS
17:30	18:00	0.50	P	STG34	28	SFTYMTG	SAFETY AND JSA MEETING WITH NIGHT CREW, DISCUSS H.E.I.P., OPERATIONAL DISCIPLINE, AND STOP WORK
18:00	21:30	3.50	P	STG34	73	WOOWO	STAND BY FOR ADJACENT WELL OPERATIONS.
21:30	23:35	2.08	P	STG34	21	PERF	WL STAGE # 34: RU WL. TEST WLPCE. RIH W/ ECO-BOSS CFP + 8 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 48 SHOTS. CORRELATE W/ MJ @ 6,170'. PUMP DOWN. CFP AT 10,628'. PU AND PERF ON FLY 10,446' - 10,614'. PUMPED 237 BBLS. PUH. WAIT @ 200'. POH. ALL SHOTS FIRED.
23:35	02:30	2.92	P	STG34	73	WOOWO	STAND BY FOR ADJACENT WELL OPERATIONS.
02:30	05:00	2.50	P	STG34	35	STIM	FRAC STAGE # 34: SICP: 2,097. PUMP 30 BBLS 15% HCL; FRW PAD; 298,120 LBS 100 MESH .5 - 2.5 PPA; FRW SWEEP; 190 BBLS VISCOSIFIED 15% HCL; FRW SWEEP; 99,680 LBS 40/70 SAND STEPPED 1.0 - 2.5 PPA; OVERFLUSH 15 BBLS W/ FRW. ISIP: 3,424. FG 0.96. ATP: 5,494. ATR: 78.1, MTP: 6,438. MTR: 89.9 LTR: 7,754 BBLS
05:00	05:30	0.50	P	STG35	73	WOOWO	STAND BY FOR ADJACENT WELL OPERATIONS.
05:30	06:00		P	STG35	28	SFTYMTG	SAFETY AND JSA MEETING WITH DAY CREW, DISCUSS H.E.I.P. AND HOUSE KEEPING.

Daily Operations Comments:

NO INCIDENTS TO REPORT.

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
			Fluids Eng:	Qty	Description	ID	OD	Top Set
14.000	67.00 / 67.00		Pit Temp:					
9.625	1,035.00 / 1,035.00		Density:					
			Brine Type:					
			Gel Type:					
			Viscosity:					
			Nitrogen:					
			NTU:					
			FLOWBACK					
			Gas Rate:					
			Choke Size:					
			Avg. Tbg. Press:					
			Avg. Csg. Press:					
			Fluid Rate (Water):					
			Fluid Rate (Oil):					
			Tot. Load Recovered:					

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments



****Data shared on this report is CONFIDENTIAL****

Well Name/Wellbore No.: UNIVERSITY SALT DRAW 4101GH/00

Country: USA
State: TEXAS
Field: SALT DRAW
Supervisors: JUAN CASTILLO / DAVID HAMMEKE / RICK MUL
Engineer/Manager: MEDINA, JAVIER / GRUBB, ALLEN

Report Number: 032
Report Date: 09/24/2016
Spud Date: 06/10/2016
Release Date:
DOE: 50 DOL: 32 AFE Days: 8.00
Last BOP T.: CSG Test:

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat: 31° 2' 10.11939 N
Long: 101° 6' 42.08084 W

API #:	4210542313
Rig:	
Rig Phone:	
KB(ft):	2,638.01
POB: 85	Manhours: 227.00

Current Activity: WOOWO, READY TO FRAC STAGE 36
24 Hr Summary: COMPLETE STAGES 35, WL STAGE 36
24 Hr Forecast: CONTINUE FRAC OPERATIONS.

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	10:15	4.25	P	STG35	73	WOOWO	STAND BY FOR ADJACENT WELL OPERATIONS.
10:15	11:30	1.25	P	STG35	21	PERF	WL STAGE # 35: RU WL. TEST WLPCE. RIH W/ ECO-BOSS CFP + 8 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 48 SHOTS. CORRELATE W/ MJ @ 6,170'. PUMP DOWN. CFP AT 10,428'. PU AND PERF ON FLY 10,246' - 10,414'. PUMPED 239 BBLS. PUH. WAIT @ 200'. POH. ALL SHOTS FIRED.
11:30	17:30	6.00	P	STG35	73	WOOWO	STAND BY FOR ADJACENT WELL OPERATIONS.
17:30	18:00	0.50	P	STG35	28	SFTYMTG	SAFETY AND JSA MEETING WITH NIGHT CREW, DISCUSS H.E.I.P., OPERATIONAL DISCIPLINE, AND STOP WORK
18:00	23:00	5.00	P	STG35	73	WOOWO	STAND BY FOR ADJACENT WELL OPERATIONS.
23:00	01:30	2.50	P	STG35	35	STIM	FRAC STAGE # 35: SICP: 1,889. PUMP 30 BBLS 15% HCL; FRW PAD; 297,880 LBS 100 MESH .5 - 2.5 PPA; FRW SWEEP; 190 BBLS VISCOSIFIED 15% HCL; FRW SWEEP; 98,920 LBS 40/70 SAND STEPPED 1.0 - 2.5 PPA; OVERFLUSH 15 BBLS W/ FRW. ISIP: 3,404. FG 0.95. ATP: 5,276. ATR: 69.3, MTP: 6,423. MTR: 88.3 LTR: 7,705 BBLS
01:30	02:00	0.50	P	STG36	18	OTHR	SWAP WELLS
02:00	04:30	2.50	P	STG36	21	PERF	WL STAGE # 36: RU WL. TEST WLPCE. RIH W/ ECO-BOSS CFP + 7 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 42 SHOTS. CORRELATE W/ MJ @ 6,170'. PUMP DOWN. CFP AT 10,228'. PU AND PERF ON FLY 10,046' - 10,214'. PUMPED 217 BBLS. PUH. WAIT @ 200'. POH. ALL SHOTS FIRED.
04:30	05:30	1.00	P	STG36	73	WOOWO	STAND BY FOR ADJACENT WELL OPERATIONS.
05:30	06:00	0.50	P	STG36	28	SFTYMTG	SAFETY AND JSA MEETING WITH DAY CREW, DISCUSS H.E.I.P. AND HOUSE KEEPING.

Daily Operations Comments:

NO INCIDENTS TO REPORT.

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
			Fluids Eng:	Qty	Description	ID	OD	Top Set
14.000	67.00 / 67.00		Pit Temp:					
9.625	1,035.00 / 1,035.00		Density:					
			Brine Type:					
			Gel Type:					
			Viscosity:					
			Nitrogen:					
			NTU:					
			FLOWBACK					
			Gas Rate:					
			Choke Size:					
			Avg. Tbg. Press:					
			Avg. Csg. Press:					
			Fluid Rate (Water):					
			Fluid Rate (Oil):					
			Tot. Load Recovered:					

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments



Country: USA
State: TEXAS
Field: SALT DRAW
Supervisors: JUAN CASTILLO / DAVID HAMMEKE / RICK MUL
Engineer/Manager: MEDINA, JAVIER / GRUBB, ALLEN

Report Number: 033
Report Date: 09/25/2016
Spud Date: 06/10/2016
Release Date:
DOE: 51 DOL: 33 AFE Days: 8.00
Last BOP T.: CSG Test:

****Data shared on this report is CONFIDENTIAL****

Event: COMPLETION LAND
Safety Meeting Topic:
Location: Lat: 31° 2' 10.11939 N
Long: 101° 6' 42.08084 W

API #: 4210542313
Rig:
Rig Phone:
KB(ft): 2,638.01
POB: 85 Manhours: 227.00

Current Activity: WOOWO, READY TO WL STAGE 38
24 Hr Summary: COMPLETE STAGES 36 - 37
24 Hr Forecast: CONTINUE FRAC OPERATIONS.

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	13:30	7.50	P	STG36	73	WOOWO	STAND BY FOR ADJACENT WELL OPERATIONS.
13:30	15:30	2.00	P	STG36	35	STIM	FRAC STAGE # 36: SICP: 2,012. PUMP 30 BBLS 15% HCL; FRW PAD; 298,200 LBS 100 MESH .5 - 2.5 PPA; FRW SWEEP; 190 BBLS VISCOSIFIED 15% HCL; FRW SWEEP; 98,100 LBS 40/70 SAND STEPPED 1- 2.5 PPA; OVERFLUSH 15 BBLS W/ FRW. ISIP: 3,459. FG 0.96. ATP: 5,758. ATR: 77.7, MTP: 6,421. MTR: 87.5 LTR: 7,893 BBLS
15:30	16:00	0.50	P	STG37	73	WOOWO	STAND BY FOR ADJACENT WELL OPERATIONS.
16:00	17:30	1.50	P	STG37	21	PERF	WL STAGE # 37: RU WL. TEST WLPCE. RIH W/ ECO-BOSS CFP + 8 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 48 SHOTS. CORRELATE W/ MJ @ 6,170'. PUMP DOWN. CFP AT 10,028'. PU AND PERF ON FLY 9,846' - 10,014'. PUMPED 213 BBLS. PUH. WAIT @ 200'. POH. ALL SHOTS FIRED.
17:30	18:00	0.50	P	STG37	28	SFTYMTG	SAFETY AND JSA MEETING WITH NIGHT CREW, DISCUSS H.E.L.P., OPERATIONAL DISCIPLINE, AND STOP WORK
18:00	18:15	0.25	P	STG37	73	WOOWO	STAND BY FOR ADJACENT WELL OPERATIONS.
18:15	18:45	0.50	P	STG37	18	OTHR	GREASE WELLHEAD EQUIPMENT
18:45	00:00	5.25	P	STG37	73	WOOWO	STAND BY FOR ADJACENT WELL OPERATIONS.
00:00	02:30	2.50	P	STG37	35	STIM	FRAC STAGE # 37: SICP: 2,105. PUMP 30 BBLS 15% HCL; FRW PAD; 297,180 LBS 100 MESH .5 - 2.5 PPA; FRW SWEEP; 190 BBLS VISCOSIFIED 15% HCL; FRW SWEEP; 98,460 LBS 40/70 SAND STEPPED 1- 2.5 PPA; OVERFLUSH 15 BBLS W/ FRW. ISIP: 3,175. FG 0.92. ATP: 5,485. ATR: 74.9, MTP: 6,583. MTR: 89.8 LTR: 8,075 BBLS
02:30	05:30	3.00	P	STG38	73	WOOWO	STAND BY FOR ADJACENT WELL OPERATIONS.
05:30	06:00	0.50	P	STG38	28	SFTYMTG	SAFETY AND JSA MEETING WITH DAY CREW, DISCUSS H.E.L.P. AND HOUSE KEEPING.

Daily Operations Comments:

NO INCIDENTS TO REPORT.

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
			Fluids Eng:	Qty	Description	ID	OD	Top Set
14.000	67.00 / 67.00		Pit Temp:					
9.625	1,035.00 / 1,035.00		Density:					
			Brine Type:					
			Gel Type:					
			Viscosity:					
			Nitrogen:					
			NTU:					
			FLOWBACK					
			Gas Rate:					
			Choke Size:					
			Avg. Tbg. Press:					
			Avg. Csg. Press:					
			Fluid Rate (Water):					
			Fluid Rate (Oil):					
			Tot. Load Recovered:					

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments



Country: USA
State: TEXAS
Field: SALT DRAW
Supervisors: JUAN CASTILLO / DAVID HAMMEKE / RICK MUL
Engineer/Manager: MEDINA, JAVIER / GRUBB, ALLEN

Report Number: 034
Report Date: 09/26/2016
Spud Date: 06/10/2016
Release Date:
DOE: 52 DOL: 34 AFE Days: 8.00
Last BOP T.: CSG Test:

****Data shared on this report is CONFIDENTIAL****

Event: COMPLETION LAND
Safety Meeting Topic:
Location: Lat: 31° 2' 10.11939 N
Long: 101° 6' 42.08084 W

API #: 4210542313
Rig:
Rig Phone:
KB(ft): 2,638.01
POB: 85 Manhours: 227.00

Current Activity:	WOOWO, READY TO WL STAGE 39
24 Hr Summary:	COMPLETE STAGE 38
24 Hr Forecast:	CONTINUE FRAC OPERATIONS.

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	17:30	11.50	P	STG38	73	WOOWO	STAND BY FOR ADJACENT WELL OPERATIONS.
17:30	18:00	0.50	P	STG38	28	SFTYMTG	HELD JSA MEETING. WENT OVER ALL JSA'S, HELP KEYS, STOP WORK, WL SAFETY AND SURFACE DETINATIONS
18:00	20:45	2.75	P	STG38	73	WOOWO	STAND BY FOR ADJACENT WELL OPERATIONS.
20:45	22:45	2.00	P	STG38	21	PERF	WL STAGE # 38: RU WL. TEST WLPCE. RIH W/ ECO-BOSS CFP + 8 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 48 SHOTS. CORRELATE W/ MJ @ 6,170'. PUMP DOWN. CFP AT 9,828'. PU AND PERF ON FLY 9,646' - 9,814'. PUMPED 187 BBLS. PUH. WAIT @ 200'. POH. ALL SHOTS FIRED.
22:45	23:20	0.58	P	STG38	18	OTHR	SWAP WELLS
23:20	01:30	2.17	P	STG38	35	STIM	FRAC STAGE # 38: SICP: 1,963. PUMP 30 BBLS 15% HCL; FRW PAD; 297,480 LBS 100 MESH .5 - 2.5 PPA; FRW SWEEP; 190 BBLS VISCOSIFIED 15% HCL; FRW SWEEP; 98,920 LBS 40/70 SAND STEPPED 1- 2.5 PPA; OVERFLUSH 15 BBLS W/ FRW. ISIP: 3,260. FG 0.93. ATP: 5,539. ATR: 73.8, MTP: 6,339. MTR: 88.4 LTR: 7,549 BBLS
01:30	05:30	4.00	P	STG39	73	WOOWO	STAND BY FOR ADJACENT WELL OPERATIONS.
05:30	06:00	0.50	P	STG39	28	SFTYMTG	SAFETY AND JSA MEETING WITH DAY CREW, DISCUSS H.E.I.P. AND HOUSE KEEPING.

Daily Operations Comments:

NO INCIDENTS TO REPORT.

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
			Fluids Eng:	Qty	Description	ID	OD	Top Set
14.000	67.00 / 67.00		Pit Temp:					
9.625	1,035.00 / 1,035.00		Density:					
			Brine Type:					
			Gel Type:					
			Viscosity:					
			Nitrogen:					
			NTU:					
			FLOWBACK					
			Gas Rate:					
			Choke Size:					
			Avg. Tbg. Press:					
			Avg. Csg. Press:					
			Fluid Rate (Water):					
			Fluid Rate (Oil):					
			Tot. Load Recovered:					

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments



Country: USA
State: TEXAS
Field: SALT DRAW
Supervisors: JUAN CASTILLO / DAVID HAMMEKE / RICK MUL
Engineer/Manager: MEDINA, JAVIER / GRUBB, ALLEN

Report Number: 035
Report Date: 09/27/2016
Spud Date: 06/10/2016
Release Date:
DOE: 53 DOL: 35 AFE Days: 8.00
Last BOP T.: CSG Test:

****Data shared on this report is CONFIDENTIAL****

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat: 31° 2' 10.11939 N
Long: 101° 6' 42.08084 W

API #: 4210542313
Rig:
Rig Phone:
KB(ft): 2,638.01
POB: 85 Manhours: 227.00

Current Activity: WOOWO, READY TO WL STAGE 41
24 Hr Summary: COMPLETE STAGES 39-40
24 Hr Forecast: CONTINUE FRAC OPERATIONS.

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	08:45	2.75	P	STG39	73	WOOWO	STAND BY FOR ADJACENT WELL OPERATIONS.
08:45	11:45	3.00	P	STG39	21	PERF	WL STAGE # 39: RU WL. TEST WLPCE. RIH W/ ECO-BOSS CFP + 8 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 48 SHOTS. CORRELATE W/ MJ @ 6,170'. PUMP DOWN. CFP AT 9,624'. PU AND PERF ON FLY 9,446' - 9,614'. PUMPED 182 BBLS. PUH. WAIT @ 200'. POH. ALL SHOTS FIRED.
11:45	14:00	2.25	N	STG39	59	EQFAIL	REPAIR BLENDER PUMP.
14:00	16:45	2.75	P	STG39	35	STIM	FRAC STAGE # 39: SICP: 2,025. PUMP 30 BBLS 15% HCL; FRW PAD; 300,400 LBS 100 MESH .5 - 2.5 PPA; FRW SWEEP; 190 BBLS VISCOSIFIED 15% HCL; FRW SWEEP; 99,200 LBS 40/70 SAND STEPPED 1- 2.5 PPA; OVERFLUSH 15 BBLS W/ FRW. ISIP: 2,810. FG 0.86. ATP: 5,369. ATR: 76.9, MTP: 6,160. MTR: 89 LTR: 7,556 BBLS
16:45	17:30	0.75	P	STG40	73	WOOWO	STAND BY FOR ADJACENT WELL OPERATIONS.
17:30	18:00	0.50	P	STG40	28	SFTYMTG	HELD JSA MEETING. WENT OVER ALL JSA'S, HELP KEYS, STOP WORK, PPE AND WET CONDITIONS
18:00	22:40	4.67	P	STG40	73	WOOWO	STAND BY FOR ADJACENT WELL OPERATIONS.
22:40	01:15	2.58	P	STG40	21	PERF	WL STAGE # 40: RU WL. TEST WLPCE. RIH W/ ECO-BOSS CFP + 8 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 48 SHOTS. CORRELATE W/ MJ @ 6,170'. PUMP DOWN. CFP AT 9,430'. PU AND PERF ON FLY 9,246' - 9,414'. PUMPED 167 BBLS. PUH. WAIT @ 200'. POH. ALL SHOTS FIRED.
01:15	01:45	0.50	P	STG40	18	OTHR	SWAP WELLS
01:45	04:00	2.25	P	STG40	35	STIM	FRAC STAGE # 40: SICP: 2,026. PUMP 30 BBLS 15% HCL; FRW PAD; 296,814 LBS 100 MESH .5 - 2.5 PPA; FRW SWEEP; 190 BBLS VISCOSIFIED 15% HCL; FRW SWEEP; 98,080 LBS 40/70 SAND STEPPED 1- 2.5 PPA; OVERFLUSH 15 BBLS W/ FRW. ISIP: 3,520. FG 0.97. ATP: 5,358. ATR: 77.9, MTP: 6,210. MTR: 90.5 LTR: 7,912 BBLS
04:00	05:30	1.50	P	STG41	73	WOOWO	STAND BY FOR ADJACENT WELL OPERATIONS.
05:30	06:00	0.50	P	STG40	28	SFTYMTG	HELD JSA MEETING. WENT OVER ALL JSA'S, HELP KEYS, STOP WORK, PPE AND WET CONDITIONS

Daily Operations Comments:

NO INCIDENTS TO REPORT.

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
			Fluids Eng:	Qty	Description	ID	OD	Top Set
14.000	67.00 / 67.00		Pit Temp:					
9.625	1,035.00 / 1,035.00		Density:					
			Brine Type:					
			Gel Type:					
			Viscosity:					
			Nitrogen:					
			NTU:					
			FLOWBACK					
			Gas Rate:					
			Choke Size:					
			Avg. Tbg. Press:					
			Avg. Csg. Press:					
			Fluid Rate (Water):					
			Fluid Rate (Oil):					
			Tot. Load Recovered:					

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments



Country: USA
State: TEXAS
Field: SALT DRAW
Supervisors: JUAN CASTILLO / DAVID HAMMEKE / RICK MUL
Engineer/Manager: MEDINA, JAVIER / GRUBB, ALLEN

Report Number: 036
Report Date: 09/28/2016
Spud Date: 06/10/2016
Release Date:
DOE: 54 DOL: 36 AFE Days: 8.00
Last BOP T.: CSG Test:

****Data shared on this report is CONFIDENTIAL****

Event: COMPLETION LAND
Safety Meeting Topic:
Location: Lat: 31° 2' 10.11939 N
Long: 101° 6' 42.08084 W

API #: 4210542313
Rig:
Rig Phone:
KB(ft): 2,638.01
POB: 85 Manhours: 227.00

Current Activity:	WOOWO, READY TO WL STAGE 43
24 Hr Summary:	COMPLETE STAGES 41 - 42
24 Hr Forecast:	CONTINUE FRAC OPERATIONS.

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	11:30	5.50	P	STG41	73	WOOWO	STAND BY FOR ADJACENT WELL OPERATIONS.
11:30	14:15	2.75	P	STG41	21	PERF	WL STAGE # 41: RU WL. TEST WLPCE. RIH W/ ECO-BOSS CFP + 8 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 48 SHOTS. CORRELATE W/ MJ @ 6,170'. PUMP DOWN. CFP AT 9,228'. PU AND PERF ON FLY 9,046' - 9,214'. PUMPED 157 BBLS. PUH. WAIT @ 200'. POH. ALL SHOTS FIRED.
14:15	14:45	0.50	P	STG41	09	EQRP	GREASE FRAC STACK.
14:45	15:30	0.75	P	STG41	73	WOOWO	STAND BY FOR ADJACENT WELL OPERATIONS
15:30	17:30	2.00	P	STG41	35	STIM	FRAC STAGE # 41: SICP: 2,055. PUMP 30 BBLS 15% HCL; FRW PAD; 298,100 LBS 100 MESH .5 - 2.5 PPA; FRW SWEEP; 190 BBLS VISCOSIFIED 15% HCL; FRW SWEEP; 99,100 LBS 40/70 SAND STEPPED 1- 2.5 PPA; OVERFLUSH 15 BBLS W/ FRW. ISIP: 3,053. FG 0.90. ATP: 5,240. ATR: 79, MTP: 6,000. MTR: 88.6 LTR: 7,391 BBLS
17:30	18:00	0.50	P	STG42	28	SFTYMTG	HELD JSA MEETING. WENT OVER ALL JSA'S, HELP KEYS, STOP WORK, PPE AND WET CONDITIONS
18:00	23:50	5.83	P	STG42	73	WOOWO	STAND BY FOR ADJACENT WELL OPERATIONS.
23:50	01:45	1.92	P	STG42	21	PERF	WL STAGE # 42: RU WL. TEST WLPCE. RIH W/ ECO-BOSS CFP + 7 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 42 SHOTS. CORRELATE W/ MJ @ 6,170'. PUMP DOWN. CFP AT 9,028'. PU AND PERF ON FLY 8,846' - 9,014'. PUMPED 141 BBLS. PUH. WAIT @ 200'. POH. ALL SHOTS FIRED.
01:45	02:15	0.50	P	STG42	18	OTHR	SWAP WELLS
02:15	04:00	1.75	P	STG42	35	STIM	FRAC STAGE # 42: SICP: 2,043. PUMP 30 BBLS 15% HCL; FRW PAD; 299,560 LBS 100 MESH .5 - 2.5 PPA; FRW SWEEP; 190 BBLS VISCOSIFIED 15% HCL; FRW SWEEP; 98,840 LBS 40/70 SAND STEPPED 1- 2.5 PPA; OVERFLUSH 15 BBLS W/ FRW. ISIP: 3,397. FG 0.95. ATP: 5,381. ATR: 81.5, MTP: 5,873. MTR: 90.5 LTR: 7,577 BBLS
04:00	05:30	1.50	P	STG43	73	WOOWO	STAND BY FOR ADJACENT WELL OPERATIONS.
05:30	06:00	0.50	P	STG43	28	SFTYMTG	HELD JSA MEETING. WENT OVER ALL JSA'S, HELP KEYS, STOP WORK, PPE AND WET CONDITIONS

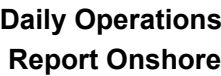
Daily Operations Comments:

NO INCIDENTS TO REPORT.

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
			Fluids Eng:	Qty	Description	ID	OD	Top Set
14.000	67.00 / 67.00		Pit Temp:					
9.625	1,035.00 / 1,035.00		Density:					
			Brine Type:					
			Gel Type:					
			Viscosity:					
			Nitrogen:					
			NTU:					
			FLOWBACK					
			Gas Rate:					
			Choke Size:					
			Avg. Tbg. Press:					
			Avg. Csg. Press:					
			Fluid Rate (Water):					
			Fluid Rate (Oil):					
			Tot. Load Recovered:					

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments



Country: USA
State: TEXAS
Field: SALT DRAW
Supervisors: JUAN CASTILLO / DAVID HAMMEKE / RICK MUL
Engineer/Manager: MEDINA, JAVIER / GRUBB, ALLEN

Report Number: 037
Report Date: 09/29/2016
Spud Date: 06/10/2016
Release Date:
DOE: 55 DOL: 37 AFE Days: 8.00
Last BOP T.: CSG Test:

****Data shared on this report is CONFIDENTIAL****

Event: COMPLETION LAND
Safety Meeting Topic:
Location: Lat: 31° 2' 10.11939 N
Long: 101° 6' 42.08084 W

API #: 4210542313
Rig:
Rig Phone:
KB(ft): 2,638.01
POB: 85 Manhours: 227.00

Current Activity: WOOWO, READY TO WL STAGE 45
24 Hr Summary: COMPLETE STAGES 43 - 44
24 Hr Forecast: CONTINUE FRAC OPERATIONS.

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	09:00	3.00	P	STG43	73	WOOWO	STAND BY FOR ADJACENT WELL OPERATIONS.
09:00	09:55	0.92	P	STG43	09	EQRP	RE-HEAD WL, SWAP WELLS.
09:55	12:24	2.48	P	STG43	21	PERF	WL STAGE # 43: RU WL. TEST WLPCE. RIH W/ ECO-BOSS CFP + 7 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 42 SHOTS. CORRELATE W/ MJ @ 6,170'. PUMP DOWN. CFP AT 8,828'. PU AND PERF ON FLY 8,646' - 8,811'. PUMPED 142 BBLS. PUH. WAIT @ 200'. POH. ALL SHOTS FIRED.
12:24	13:00	0.60	P	STG43	18	OTHR	SWAP WELLS.
13:00	14:45	1.75	P	STG43	35	STIM	FRAC STAGE # 43: SICP: 2,046. PUMP 30 BBLS 15% HCL; FRW PAD; 298,600 LBS 100 MESH .5 - 2.5 PPA; FRW SWEEP; 190 BBLS VISCOSIFIED 15% HCL; FRW SWEEP; 99,200 LBS 40/70 SAND STEPPED 1- 2.5 PPA; OVERFLUSH 15 BBLS W/ FRW. ISIP: 2,906. FG 0.88. ATP: 5,490. ATR: 79.8, MTP: 6,273. MTR: 89 LTR: 7,732 BBLS
14:45	17:30	2.75	P	STG44	73	WOOWO	STAND BY FOR ADJACENT WELL OPERATIONS.
17:30	18:00	0.50	P	STG44	28	SFTYMTG	HELD JSA MEETING. WENT OVER ALL JSA'S, HELP KEYS, STOP WORK, PPE AND TEAMWORK CONCEPTS
18:00	20:50	2.83	P	STG44	73	WOOWO	STAND BY FOR ADJACENT WELL OPERATIONS.
20:50	00:30	3.67	P	STG44	21	PERF	WL STAGE # 44: RU WL. TEST WLPCE. RIH W/ ECO-BOSS CFP + 7 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 42 SHOTS. CORRELATE W/ MJ @ 6,170'. PUMP DOWN. CFP AT 8,628'. PU AND PERF ON FLY 8,446' - 8,610'. PUMPED 113 BBLS. PUH. WAIT @ 200'. POH. ALL SHOTS FIRED.
00:30	01:20	0.83	P	STG44	18	OTHR	CHANGE OUT TWO FRAC PUMPS, RE-HEAD WL, AND SWAP WELLS
01:20	03:20	2.00	P	STG44	35	STIM	FRAC STAGE # 44: SICP: 1,988. PUMP 30 BBLS 15% HCL; FRW PAD; 298,540 LBS 100 MESH .5 - 2.5 PPA; FRW SWEEP; 190 BBLS VISCOSIFIED 15% HCL; FRW SWEEP; 99,880 LBS 40/70 SAND STEPPED 1- 2.5 PPA; OVERFLUSH 15 BBLS W/ FRW. ISIP: 3,631. FG 0.99. ATP: 5,302. ATR: 76.9, MTP: 6,339. MTR: 91.0 LTR: 7,711 BBLS
03:20	05:30	2.17	P	STG45	73	WOOWO	STAND BY FOR ADJACENT WELL OPERATIONS
05:30	06:00	0.50	P	STG45	28	SFTYMTG	HELD JSA MEETING. WENT OVER ALL JSA'S, HELP KEYS, STOP WORK, PPE AND TEAMWORK CONCEPTS

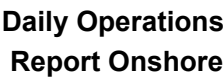
Daily Operations Comments:

NO INCIDENTS TO REPORT.

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
	/		Fluids Eng:	Qty	Description	ID	OD	Top Set
14.000	67.00 / 67.00		Pit Temp:					
9.625	1,035.00 / 1,035.00		Density:					
			Brine Type:					
			Gel Type:					
			Viscosity:					
			Nitrogen:					
			NTU:					
			FLOWBACK					
			Gas Rate:					
			Choke Size:					
			Avg. Tbg. Press:					
			Avg. Csg. Press:					
			Fluid Rate (Water):					
			Fluid Rate (Oil):					
			Tot. Load Recovered:					

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments



Country: USA
State: TEXAS
Field: SALT DRAW
Supervisors: MIKE SHIELD / JOE GARCIA / GREG ALLGOOD
Engineer/Manager: MEDINA, JAVIER / GRUBB, ALLEN

Report Number: 038
Report Date: 09/30/2016
Spud Date: 06/10/2016
Release Date:
DOE: 56 DOL: 38 AFE Days: 8.00
Last BOP T.: CSG Test:

****Data shared on this report is CONFIDENTIAL****

Event: COMPLETION LAND
Safety Meeting Topic:
Location: Lat: 31° 2' 10.11939 N
Long: 101° 6' 42.08084 W

API #: 4210542313
Rig:
Rig Phone:
KB(ft): 2,638.01
POB: 85 Manhours: 227.00

Current Activity:	REHEAD WL. PREP TO WL STAGE #47.
24 Hr Summary:	PERF AND FRAC STAGES #45 & #46.
24 Hr Forecast:	CONTINUE FRAC OPERATIONS.

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	09:30	3.50	P	STG44	73	WOOWO	WAITING ON OTHER WELL OP'S
09:30	11:30	2.00	P	STG45	21	PERF	WL STAGE # 45: RU WL. TEST WLPCE. RIH W/ ECO-BOSS CFP + 7 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 42 SHOTS. CORRELATE W/ MJ @ 6,170'. PUMP DOWN. CFP AT 8,428'. PU AND PERF ON FLY 8,246' - 8,414'. PUMPED 114 BBLS. PUH. WAIT @ 200'. POH. ALL SHOTS FIRED.
11:30	14:50	3.33	P	STG45	73	WOOWO	WAITING ON OTHER WELL OP'S
14:50	16:50	2.00	P	STG45	35	STIM	FRAC STAGE # 45: SICP: 1,994. PUMP 30 BBLS 15% HCL; FRW PAD; 298,650 LBS 100 MESH .5 - 2.5 PPA; FRW SWEEP; 190 BBLS VISCOSIFIED 15% HCL; FRW SWEEP; 99,800 LBS 40/70 SAND STEPPED 1- 2.5 PPA; OVERFLUSH 15 BBLS W/ FRW. ISIP: 3,384. FG 0.95. ATP: 5,542. ATR: 75.3, MTP: 6,643. MTR: 90.0. LTR: 7,966 BBLS
16:50	19:40	2.83	P	STG45	73	WOOWO	WAITING ON OTHER WELL OPS
19:40	21:40	2.00	P	STG46	21	PERF	WL STAGE # 46: RU WL. TEST WLPCE. RIH W/ ECO-BOSS CFP + 8 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 48 SHOTS. CORRELATE W/ MJ @ 6,170'. PUMP DOWN. CFP AT 8,228'. PU AND PERF ON FLY 8,042' - 8,215'. PUMPED 104 BBLS. PUH. WAIT @ 200'. POH. ALL SHOTS FIRED.
21:40	01:30	3.83	P	STG46	73	WOOWO	WAITING ON OTHER WELL OPS.
01:30	03:30	2.00	P	STG46	35	STIM	FRAC STAGE # 46: SICP: 1,994. PUMP 30 BBLS 15% HCL; FRW PAD; 296,980 LBS 100 MESH .5 - 2.5 PPA; FRW SWEEP; 190 BBLS VISCOSIFIED 15% HCL; FRW SWEEP; 99,800 LBS 40/70 SAND STEPPED 1- 2.5 PPA; OVERFLUSH 15 BBLS W/ FRW. ISIP: 3,248. FG 0.93. ATP: 4,651. ATR: 75.1, MTP: 5,521. MTR: 89.7. LTR: 8,286 BBLS.
03:30	05:30	2.00	P	STG47	73	WOOWO	WAITING ON OTHER WELL OPS.
05:30	06:00	0.50	P	STG47	28	SFTYMTG	SAFETY MEETING AND JSA REVIEW.

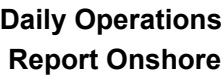
Daily Operations Comments:

NO INCIDENTS TO REPORT.

Casing			Fluids	Completion String Details				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
	/		Fluids Eng:	Qty	Description	ID	OD	Top Set
14.000	67.00 / 67.00		Pit Temp:					
9.625	1,035.00 / 1,035.00		Density:					
			Brine Type:					
			Gel Type:					
			Viscosity:					
			Nitrogen:					
			NTU:					
			Flowback					
			Gas Rate:					
			Choke Size:					
			Avg. Tbg. Press:					
			Avg. Csg. Press:					
			Fluid Rate (Water):					
			Fluid Rate (Oil):					
			Tot. Load Recovered:					

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments



Country: USA
State: TEXAS
Field: SALT DRAW
Supervisors: MIKE SHIELD / JOE GARCIA / GREG ALLGOOD
Engineer/Manager: MEDINA, JAVIER / GRUBB, ALLEN

Report Number: 039
Report Date: 10/01/2016
Spud Date: 06/10/2016
Release Date:
DOE: 57 DOL: 39 AFE Days: 8.00
Last BOP T.: CSG Test:

****Data shared on this report is CONFIDENTIAL****

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat: 31° 2' 10.11939 N
Long: 101° 6' 42.08084 W

API #: 4210542313
Rig:
Rig Phone:
KB(ft): 2,638.01
POB: 85 Manhours: 227.00

Current Activity: CONT FRAC OP'S
24 Hr Summary: W/L 47,48,49 FRAC 47,48
24 Hr Forecast: FIN FRAC, SET AND TEST KILL PLUGS, START R/D AND MOVE OFF

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:50	0.83	P	STG47	21	PERF	RE-HEADING W/L
06:50	09:00	2.17	P	STG47	21	PERF	WL STAGE # 47: RU WL. TEST WLPCE. RIH W/ ECO-BOSS CFP + 8 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 48 SHOTS. CORRELATE W/ MJ @ 6,170'. PUMP DOWN. CFP AT 8,028'. PU AND PERF ON FLY 7,850' - 8,014'. PUMPED 128. PUH. WAIT @ 200'. POH. ALL SHOTS FIRED.
09:00	11:55	2.92	P	STG47	73	WOOWO	WAITING ON OTHER WELL OP'S
11:55	13:50	1.92	P	STG47	35	STIM	FRAC STAGE # 47: SICP: 1,926. PUMP 30 BBLS 15% HCL; FRW PAD; 298,500 LBS 100 MESH .5 - 2.5 PPA; FRW SWEEP; 190 BBLS VISCOSIFIED 15% HCL; FRW SWEEP; 99,500 LBS 40/70 SAND STEPPED 1- 2.5 PPA; OVERFLUSH 15 BBLS W/ FRW. ISIP: 3,029. FG 0.90. ATP: 4,398. ATR: 72.2, MTP: 5,208. MTR: 90.0. LTR: 7,797BBLS.
13:50	16:30	2.67	P	STG47	73	WOOWO	WAITING ON OTHER WELL OPS
16:30	17:30	1.00	P	STG48	21	PERF	WL STAGE # 48: RU WL. TEST WLPCE. RIH W/ ECO-BOSS CFP + 8 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 48 SHOTS. CORRELATE W/ MJ @ 6,170'. PUMP DOWN. CFP AT 7,828'. PU AND PERF ON FLY 7,646' - 7,814'. PUMPED XXX. PUH. WAIT @ 200'. POH. ALL SHOTS FIRED.
17:30	18:00	0.50	P	STG48	28	SFTYMTG	SAFETY AND JSA MEETING WITH NIGHT CREW, DAY CREW FINISH PERF STG 48
18:00	22:00	4.00	P	STG48	73	WOOWO	WAITING ON OTHER WELL OPS
22:00	00:00	2.00	P	STG48	35	STIM	FRAC STAGE # 48: SICP: 1,912. PUMP 30 BBLS 15% HCL; FRW PAD; 298,250 LBS 100 MESH .5 - 2.5 PPA; FRW SWEEP; 190 BBLS VISCOSIFIED 15% HCL; FRW SWEEP; 99,500 LBS 40/70 SAND STEPPED 1- 2.5 PPA; OVERFLUSH 15 BBLS W/ FRW. ISIP: 2,759. FG 0.86. ATP: 4,389. ATR: 80.9, MTP: 4,986. MTR: 91.4. LTR: 7,615 BBLS.
00:00	03:10	3.17	P	STG49	73	WOOWO	WAITING ON OTHER WELL OPS
03:10	04:10	1.00	P	STG49	21	PERF	WL STAGE # 49: RU WL. TEST WLPCE. RIH W/ ECO-BOSS CFP + 6 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 36 SHOTS. CORRELATE W/ MJ @ 6,170'. PUMP DOWN. CFP AT 7,628'. PU AND PERF ON FLY 7,446' - 7,589'. PUMPED 60. PUH. WAIT @ 200'. POH. ALL SHOTS FIRED.
04:10	05:30	1.33	P	STG49	73	WOOWO	WAITING ON OTHER WELL OP'S
05:30	06:00	0.50	P	STG49	28	SFTYMTG	SAFETY MEETING WITH DAY CREW, DISCUSS H.E.L.P..

Daily Operations Comments:

NO INCIDENTS TO REPORT.

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
			Fluids Eng:	Qty	Description	ID	OD	Top Set
14.000	67.00 / 67.00		Pit Temp:					
9.625	1,035.00 / 1,035.00		Density:					
			Brine Type:					
			Gel Type:					
			Viscosity:					
			Nitrogen:					
			NTU:					
			FLOWBACK					
			Gas Rate:					
			Choke Size:					
			Avg. Tbg. Press:					
			Avg. Csg. Press:					
			Fluid Rate (Water):					
			Fluid Rate (Oil):					
			Tot. Load Recovered:					

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments



Country: USA
State: TEXAS
Field: SALT DRAW
Supervisors: MIKE SHIELD / JOE GARCIA / GREG ALLGOOD
Engineer/Manager: MEDINA, JAVIER / GRUBB, ALLEN

Report Number: 040
Report Date: 10/02/2016
Spud Date: 06/10/2016
Release Date:
DOE: 58 DOL: 40 AFE Days: 8.00
Last BOP T.: CSG Test:

****Data shared on this report is CONFIDENTIAL****

Event: COMPLETION LAND
Safety Meeting Topic:
Location: Lat: 31° 2' 10.11939 N
Long: 101° 6' 42.08084 W

API #: 4210542313
Rig:
Rig Phone:
KB(ft): 2,638.01
POB: 85 Manhours: 227.00

Current Activity:	WOOWO
24 Hr Summary:	W/L 50,51. & FRAC 49,50,5, SET 2 KILL PLUGS
24 Hr Forecast:	START R/D AND MOVE OFF

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	07:15	1.25	P	STG49	73	WOOWO	WAITING ON OTHER WELL OP'S
07:15	09:00	1.75	P	STG49	35	STIM	FRAC STAGE # 49: SICP: 2,042. PUMP 30 BBLS 15% HCL; FRW PAD; 298,000 LBS 100 MESH .5 - 2.5 PPA; FRW SWEEP; 190 BBLS VISCOSIFIED 15% HCL; FRW SWEEP; 99,050 LBS 40/70 SAND STEPPED 1- 2.5 PPA; OVERFLUSH 15 BBLS W/ FRW. ISIP: 3,023. FG 0.90. ATP: 4,589. ATR: 78.7, MTP: 5,091. MTR: 90.8. LTR: 7,331 BBLS.
09:00	09:20	0.33	P	STG50	21	PERF	P/U LUB AND TEST
09:20	10:20	1.00	P	STG50	21	PERF	WL STAGE # 50: RU WL. TEST WLPCE. RIH W/ ECO-BOSS CFP + 6 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 36 SHOTS. CORRELATE W/ MJ @ 6,170'. PUMP DOWN. CFP AT 7,428'. PU AND PERF ON FLY 7,246' - 7,414' '. PUMPED 59. PUH. WAIT @ 200'. POH. ALL SHOTS FIRED
10:20	11:30	1.17	P	STG50	21	PERF	POOH, ALL GUNS FIRED.
10:20	10:20	0.00	P	STG50	73	WOOWO	WAITING AT 200' FOR DH FRAC
11:30	11:45	0.25	P	STG50	35	STIM	PRIME UP AND TEST, WAITING ON FUELERS TO FINISH
11:45	13:45	2.00	P	STG50	35	STIM	FRAC STAGE # 50: SICP: 2,020. PUMP 30 BBLS 15% HCL; FRW PAD; 298,200 LBS 100 MESH .5 - 2.5 PPA; FRW SWEEP; 190 BBLS VISCOSIFIED 15% HCL; FRW SWEEP; 99,400 LBS 40/70 SAND STEPPED 1- 2.5 PPA; OVERFLUSH 15 BBLS W/ FRW. ISIP: 3,085. FG 0.90. ATP: 4,217. ATR: 71.8, MTP: 5,008. MTR: 88.2. LTR: 7,288 BBLS.
13:45	14:00	0.25	P	STG51	21	PERF	P/U LUB AND GUNS
14:00	15:00	1.00	P	STG51	21	PERF	WL STAGE # 51: RU WL. TEST WLPCE. RIH W/ ECO-BOSS CFP + 6 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 36 SHOTS. CORRELATE W/ MJ @ 6,170'. PUMP DOWN. CFP AT 7,228'. PU AND PERF ON FLY 7,046' - 7,214'. PUMPED 50 bbls, POOH, L/D GUNS. ALL SHOTS FIRED.
15:00	17:30	2.50	P	STG51	35	STIM	FRAC STAGE # 51: SICP: 2,010. PUMP 30 BBLS 15% HCL; FRW PAD; 284,621 LBS 100 MESH .5 - 2.5 PPA; FRW SWEEP; 190 BBLS VISCOSIFIED 15% HCL; FRW SWEEP; 103,250 LBS 40/70 SAND STEPPED 1- 2.5 PPA; OVERFLUSH 15 BBLS W/ FRW. ISIP: 3,102. FG 0.91. ATP: 3,970. ATR: 66.1, MTP: 4,795. MTR: 93.0. LTR: 8,041 BBLS.
17:30	18:00	0.50	P	STG51	28	SFTYMTG	SAFETY MEETING WITH NIGHT CREW, DISCUSS SETTING KILL PLUGS AND R/D WHILE DAY CREW FINISH STG 51 ON GH
18:00	23:30	5.50	P	WLWORK	73	WOOWO	WAITING ON OTHER WELL OP'S
23:30	00:45	1.25	P	WLWORK	27	SETP	RU WL. TEST WLPCE. RIH AND SET CBP AT 6,203' FOR KILL PLUG. POH. BD PRESSURE TO 0 PSI, HOLD IT FOR 5 MIN, TEST PLUG TO 3,500 PSI FOR 10 MINUTES. BD WELL TO 1,900 SIP. RD WL. (BARRIER #1)
00:45	01:45	1.00	P	WLWORK	27	SETP	RU WL. TEST WLPCE. RIH AND SET CBP AT 6,178' FOR KILL PLUG. POH. BD PRESSURE TO 0 PSI, HOLD IT FOR 5 MIN, TEST PLUG TO 3,500 PSI FOR 10 MINUTES. BD WELL TO 0 SIP. (BARRIER #2)
01:45	06:00	4.25	P	RDMO	73	WOOWO	WAITING ON OTHER WELL OP'S

Daily Operations Comments:

NO INCIDENTS TO REPORT.

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
			Fluids Eng:	Qty	Description	ID	OD	Top Set
14.000	67.00 / 67.00		Pit Temp:					
9.625	1,035.00 / 1,035.00		Density:					
			Brine Type:					
			Gel Type:					
			Viscosity:					
			Nitrogen:					
			NTU:					
			FLOWBACK					
			Gas Rate:					
			Choke Size:					
			Avg. Tbg. Press:					
			Avg. Csg. Press:					
			Fluid Rate (Water):					
			Fluid Rate (Oil):					
			Tot. Load Recovered:					

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments



****Data shared on this report is CONFIDENTIAL****

Well Name/Wellbore No.: UNIVERSITY SALT DRAW 4101GH/00

Country: USA
State: TEXAS
Field: SALT DRAW
Supervisors: MIKE SHIELD / GREG ALLGOOD
Engineer/Manager: MEDINA, JAVIER / GRUBB, ALLEN

Report Number: 041
Report Date: 10/03/2016
Spud Date: 06/10/2016
Release Date:
DOE: 59 DOL: 41 AFE Days: 8.00
Last BOP T.: CSG Test:

Event: COMPLETION LAND
Safety Meeting Topic:
Location: Lat: 31° 2' 10.11939 N
Long: 101° 6' 42.08084 W

API #:	4210542313
Rig:	
Rig Phone:	
KB(ft):	2,638.01
POB: 41	Manhours: 82.00

Current Activity: WAITING ON DRILL OUT
24 Hr Summary: RD MO FRAC EQUIPMENT. ND STACK. NU MG. V. REPAIR LOCATION.
24 Hr Forecast: WAITING ON DRILL OUT OPS

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	19:30	13.50	P	RDMO	02	RDMO	FINISH RD MO FRAC EQUIPMENT. CLEAN LOCATION. BEGIN DISPOSING OF EXCESS WATER FROM FRAC TANKS. RD ZIPPER MANIFOLD, FB IRON, AND FRAC STACKS.
19:30	21:00	1.50	P	RDMO	30	SEQP	ND 5 1/8" MGV'S. UNABLE TO REMOVE FRAC BUSHING DUE TO WASHED THREADS. NU 7 1/16" 10K MGV AND SPACER SPOOL. WILL SPEAR AND PULL BUSHING UPON DRILLOUT.
21:00	05:00	8.00	P	RDMO	02	RDMO	FINISH RDMO SAND SILOS. REPAIR LOCATION. EMPTYING FRAC TANKS. WORKING ON OTHER WELLS.
05:00	06:00	1.00	P	WHDTR	36	SFEQ	PRESSURE TEST GATE VALVE TO 250 / 3500 PSI AGAINST KILL PLUGS. GOOD TEST.

Daily Operations Comments:

NO INCIDENTS TO REPORT.

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
			Fluids Eng:	Qty	Description	ID	OD	Top Set
14.000	67.00 / 67.00		Pit Temp:					
9.625	1,035.00 / 1,035.00		Density:					
			Brine Type:					
			Gel Type:					
			Viscosity:					
			Nitrogen:					
			NTU:					
			FLOWBACK					
			Gas Rate:					
			Choke Size:					
			Avg. Tbg. Press:					
			Avg. Csg. Press:					
			Fluid Rate (Water):					
			Fluid Rate (Oil):					
			Tot. Load Recovered:					

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments



****Data shared on this report is CONFIDENTIAL****

Well Name/Wellbore No.: UNIVERSITY SALT DRAW 4101GH/00

Country: USA
State: TEXAS
Field: SALT DRAW
Supervisors: DAVID DISOTELL / GREG ALLGOOD
Engineer/Manager: MEDINA, JAVIER / GRUBB, ALLEN

Report Number: 042
Report Date: 10/04/2016
Spud Date: 06/10/2016
Release Date:
DOE: 60 DOL: 42 AFE Days: 8.00
Last BOP T.: CSG Test:

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat: 31° 2' 10.11939 N
Long: 101° 6' 42.08084 W

API #: 4210542313
Rig:
Rig Phone:
KB(ft): 2,638.01
POB: 33 Manhours: 234.00

Current Activity: PU BHAAND RIH.
24 Hr Summary: MIRU. NU & TEST BOPE. FISH FRAC BUSHING FROM WH.
24 Hr Forecast: DRILL OUT CBP'S.

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	07:00	1.00	P	WOR	18	OTHR	NO ACTIVITY
07:00	07:30	0.50	P	MIRU	28	SFTYMTG	HSM. DISCUSS JSA W/ DAY CREWS ON OPS. H.E.L.P., HYDRATION, BACKING SAFETY
07:30	18:00	10.50	P	MIRU	01	MIRU	MIRU WOR KEY RIG #6134, SPOT FRAC TANKS, SPOT SAND-X, SPOT & RU FLOW BACK EQUIP.
18:00	19:00	1.00	P	MIRU	28	SFTYMTG	HELD PRE-PAD DRILLOUT OPERATION MEETING WITH SERVICE, OPERATIONS, AND ENGINEERING PERSONNEL.
19:00	19:30	0.50	P	MIRU	28	SFTYMTG	HELD SAFETY MEETING AND JSA REVIEW.
19:30	01:30	6.00	P	WOR	16	NUND	CONTINUE MIRU DRILLOUT SUPPORT EQUIPMENT. NU 7 1/16" 5K BOPE - FLOWCROSS, PIPE RAMS, BLIND/SHEAR RAMS, SLIP RAMS, ANNULAR BOP. FUNCTION TEST EQUIPMENT AND CONTROLS.
01:30	02:00	0.50	P	WOR	30	SEQP	MU 5" SPEAR ON SINGLE JOINT 2 7/8" TBG. ENGAGE FRAC BUSHING IN TBG HEAD. PU AND BUSHING CAME FREE EASILY. POH. LD SPEAR AND FRAC BUSHING.
02:00	04:45	2.75	P	WOR	36	SFEQ	ATTEMPT PRESSURE TEST BOPE. UNABLE TO GET FLOW TO 2" MANIFOLD. FOUND AND REPLACED PLUGGED JOINT OF IRON. TEST BLIND SHEAR, MGV, AND FLOWBACK IRON TO MANIFOLDS TO 250 / 2,500 PSI FOR 15 MIN. PU 1 JT 2 7/8" 8RD TBG AND SET TEST PLUG IN TBG HEAD. TEST PIPE RAM AND OUTSIDE WING VALVES TO 250 / 2,500 PSI FOR 15 MIN. TEST INSIDE WING VALVE AND ANNULAR BOP TO 250 / 2,500 PSI FOR 15 MIN. ALL TESTS GOOD. REMOVE TEST PLUG AND LD TEST JT.
04:45	05:30	0.75	P	WOR	18	OTHR	MIRU LD MACHINE AND PIPE RACKS. TRASFER WORK STRING TO RACKS. PREP TO MU BHA.
05:30	06:00	0.50	P	WOR	28	SFTYMTG	SAFETY MEETING AND JSA REVIEW.

Daily Operations Comments:

NO INCIDENTS TO REPORT.

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
	/		Fluids Eng:	Qty	Description	ID	OD	Top Set
14.000	67.00 / 67.00		Pit Temp:					
9.625	1,035.00 / 1,035.00		Density:					
			Brine Type:					
			Gel Type:					
			Viscosity:					
			Nitrogen:					
			NTU:					
			FLOWBACK					
			Gas Rate:					
			Choke Size:					
			Avg. Tbg. Press:					
			Avg. Csg. Press:					
			Fluid Rate (Water):					
			Fluid Rate (Oil):					
			Tot. Load Recovered:					

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments



****Data shared on this report is CONFIDENTIAL****

Well Name/Wellbore No.: UNIVERSITY SALT DRAW 4101GH/00

Country: USA
State: TEXAS
Field: SALT DRAW
Supervisors: DAVID DISOTELL / GREG ALLGOOD
Engineer/Manager: MEDINA, JAVIER / GRUBB, ALLEN

Report Number: 043
Report Date: 10/05/2016
Spud Date: 06/10/2016
Release Date:
DOE: 61 DOL: 43 AFE Days: 8.00
Last BOP T.: CSG Test:

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat: 31° 2' 10.11939 N
Long: 101° 6' 42.08084 W

API #: 4210542313
Rig:
Rig Phone:
KB(ft): 2,638.01
POB: 34 Manhours: 282.00

Current Activity: DRILL PLUG #10.
24 Hr Summary: DRILL KILL PLUGS. DRILL CFP'S #1 - #9.
DLR 1,674 BBLs. TLR 1,674.
24 Hr Forecast: DRILL OUT CBP'S.

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	13:30	7.50	P	WOR	24	PULD	PU MU BHA. SEE ATTACHED DRAWING. TEST MOTOR W/ 3 BPM @ 400 PSI. PU TIH W/ WS. INSTALL FLOAT SUB DRESSED W/ DART STYLE FLOAT 65 JNTS ABOVE BHA. CONT TO PU TIH W/ WS. LOAD WS & BREAK CIRC W/ 2% KCL & BIOCID E VERY 30 JNTS WHILE RIH. TAG #1 CFP @ 6,178'.
13:30	17:25	3.92	P	WOR	18	OTHR	RU WOOLEY PWR SWIVEL. INSTALL MUELLER HEAD RUBBER.
17:25	17:45	0.33	P	WOR	06	CIRC	BREAK CIRC W/ 2% KCL W/ 4 BPM @ 1850 PSI. HOLD 500 PSI BACK PRESSURE. DRILL #1 KP IN 5 MIN. TAG #2 KP @ 6,203'. DRILL UP IN 8 MIN. HSM. DISCUSS JSA W/ NIGHT CREWS ON OPS. OVERHEAD LIFTS, PPE, PINCH POINTS.
17:45	05:30	11.75	P	WOR	40	WASH	WASH TO & TAG CFP #1 @ 7,238' (TM). DRILL IN 12 MIN. CIRC RATE: 4 BPM @ 1,950 PSI. RETURN RATE: 5 BPM @ 600 PSI. CIRC 5 BBL PILL. WASH TO & TAG CFP #2 @ 7,439' (TM). DRILL IN 5 MIN. CIRC RATE: 4 BPM @ 1,800 PSI. RETURN RATE: 5 BPM @ 600 PSI. CIRC 5 BBL PILL. WASH TO & TAG CFP #3 @ 7,654' (TM). DRILL IN 9 MIN. CIRC RATE: 4 BPM @ 1,800 PSI. RETURN RATE: 5 BPM @ 600 PSI. CIRC 10 BBL PILL. WASH TO & TAG CFP #4 @ 7,838' (TM). DRILL IN 5 MIN. CIRC RATE: 4 BPM @ 1,800 PSI. RETURN RATE: 5 BPM @ 500 PSI. CIRC 5 BBL PILL. WASH TO & TAG CFP #5 @ 8,020' (TM). DRILL IN 5 MIN. CIRC RATE: 4 BPM @ 1,800 PSI. RETURN RATE: 5 BPM @ 500 PSI. CIRC 5 BBL PILL. WASH TO & TAG CFP #6 @ 8,239' (TM). DRILL IN 5 MIN. CIRC RATE: 4 BPM @ 1,850 PSI. RETURN RATE: 5 BPM @ 500 PSI. CIRC 10 BBL PILL. WASH TO & TAG CFP #7 @ 8,455' (TM). DRILL IN 5 MIN. CIRC RATE: 4 BPM @ 1,800 PSI. RETURN RATE: 5 BPM @ 500 PSI. CIRC 5 BBL PILL. WASH TO & TAG CFP #8 @ 8,640' (TM). DRILL IN 5 MIN. CIRC RATE: 4 BPM @ 1,800 PSI. RETURN RATE: 5 BPM @ 500 PSI. CIRC 5 BBL PILL. WASH TO & TAG CFP #9 @ 8,855' (TM). DRILL IN 5 MIN. CIRC RATE: X BPM @ 1,800 PSI. RETURN RATE: 5 BPM @ 500 PSI. CIRC 10 BBL PILL.
05:30	06:00	0.50	P	WOR	28	SFTYMTG	SAFETY MEETING AND JSA REVIEW.

Daily Operations Comments:

NO INCIDENTS TO REPORT.

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
			Fluids Eng:	Qty	Description	ID	OD	Top Set
14.000	67.00 / 67.00		Pit Temp:					
9.625	1,035.00 / 1,035.00		Density:					
			Brine Type:					
			Gel Type:					
			Viscosity:					
			Nitrogen:					
			NTU:					
			FLOWBACK					
			Gas Rate:					
			Choke Size:					
			Avg. Tbg. Press:					
			Avg. Csg. Press:					
			Fluid Rate (Water):					
			Fluid Rate (Oil):					
			Tot. Load Recovered:					

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments



Country: USA
State: TEXAS
Field: SALT DRAW
Supervisors: DAVID DISOTELL / GREG ALLGOOD
Engineer/Manager: MEDINA, JAVIER / GRUBB, ALLEN

Report Number: 044
Report Date: 10/06/2016
Spud Date: 06/10/2016
Release Date:
DOE: 62 DOL: 44 AFE Days: 8.00
Last BOP T.: CSG Test:

****Data shared on this report is CONFIDENTIAL****

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat: 31° 2' 10.11939 N
Long: 101° 6' 42.08084 W

API #: 4210542313
Rig:
Rig Phone:
KB(ft): 2,638.01
POB: 28 Manhours: 287.50

Current Activity: DRILL PLUG #37.
 24 Hr Summary: DRILL PLUGS #10 - #36.
 DLR 2,560 BBLs. TLR 4,234. TOTAL SAND RECOVERED 27 YDS. EST 40 BO RECOVERED.
 24 Hr Forecast: DRILL OUT CBP'S.

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	17:30	11.50	P	WOR	40	WASH	WASH/DRILL TO #10 CFP @ 9,050'(TM). DRILL UP IN 11 MIN. CIRC RATE: 4 BPM @ 1750 PSI. R/R: 5 BPM @ 400 PSI. CIRC 5 BBL GEL SWEEP W/ 2% KCL & BIOCID. WASH/DRILL TO #11 CFP @ 9,223'(TM). DRILL UP IN 5 MIN. CIRC RATE: 4 BPM @ 1750 PSI. R/R: 5 BPM @ 400 PSI. CIRC 5 BBL GEL SWEEP W/ 2% KCL & BIOCID. WASH/DRILL TO #12 CFP @ 9,439'(TM). DRILL UP IN 10 MIN. CIRC RATE: 4 BPM @ 1750 PSI. R/R: 5 BPM @ 400 PSI. CIRC 10 BBL GEL SWEEP W/ 2% KCL & BIOCID. WASH/DRILL TO #13 CFP @ 9,619'(TM). DRILL UP IN 4 MIN. CIRC RATE: 4 BPM @ 1900 PSI. R/R: 5 BPM @ 500 PSI. CIRC 5 BBL GEL SWEEP W/ 2% KCL & BIOCID. WASH/DRILL TO #14 CFP @ 9,820'(TM). DRILL UP IN 7 MIN. CIRC RATE: 4 BPM @ 1900 PSI. R/R: 5 BPM @ 500 PSI. CIRC 5 BBL GEL SWEEP W/ 2% KCL & BIOCID. WASH/DRILL TO #15 CFP @ 10,025'(TM). DRILL UP IN 10 MIN. CIRC RATE: 4 BPM @ 2100 PSI. R/R: 5 BPM @ 500 PSI. CIRC 10 BBL GEL SWEEP W/ 2% KCL & BIOCID. WASH/DRILL TO #16 CFP @ 10,225'(TM). DRILL UP IN 7 MIN. CIRC RATE: 4 BPM @ 2100 PSI. R/R: 5 BPM @ 500 PSI. CIRC 5 BBL GEL SWEEP W/ 2% KCL & BIOCID. WASH/DRILL TO #17 CFP @ 10,430'(TM). DRILL UP IN 4 MIN. CIRC RATE: 4 BPM @ 2100 PSI. R/R: 5 BPM @ 500 PSI. CIRC 5 BBL GEL SWEEP W/ 2% KCL & BIOCID. WASH/DRILL TO #18 CFP @ 10,624'(TM). DRILL UP IN 6 MIN. CIRC RATE: 4 BPM @ 2200 PSI. R/R: 5 BPM @ 500 PSI. CIRC 10 BBL GEL SWEEP W/ 2% KCL & BIOCID. WASH/DRILL TO #19 CFP @ 10,824'(TM). DRILL UP IN 7 MIN. CIRC RATE: 4 BPM @ 2000 PSI. R/R: 5 BPM @ 500 PSI. CIRC 10 BBL GEL SWEEP W/ 2% KCL & BIOCID. WASH/DRILL TO #20 CFP @ 11,026'(TM). DRILL UP IN 5 MIN. CIRC RATE: 4 BPM @ 2000 PSI. R/R: 5 BPM @ 500 PSI. CIRC 20 BBL GEL SWEEP W/ 2% KCL & BIOCID. WASH/DRILL TO #21 CFP @ 11,221'(TM). DRILL UP IN 11 MIN. CIRC RATE: 4 BPM @ 2000 PSI. R/R: 5 BPM @ 500 PSI. CIRC 10 BBL GEL SWEEP W/ 2% KCL & BIOCID. WASH/DRILL TO #22 CFP @ 11,397'(TM). DRILL UP IN 10 MIN. CIRC RATE: 4 BPM @ 2000 PSI. R/R: 5 BPM @ 500 PSI. CIRC 10 BBL GEL SWEEP W/ 2% KCL & BIOCID. WASH/DRILL TO #23 CFP @ 11,610'(TM). DRILL UP IN 5 MIN. CIRC RATE: 4 BPM @ 2000 PSI. R/R: 5 BPM @ 500 PSI. CIRC 20 BBL GEL SWEEP W/ 2% KCL & BIOCID. WASH/DRILL TO #24 CFP @ 11,801'(TM). DRILL UP IN 5 MIN. CIRC RATE: 4 BPM @ 2000 PSI. R/R: 5 BPM @ 500 PSI. CIRC 10 BBL GEL SWEEP W/ 2% KCL & BIOCID.
17:30	18:00	0.50	P	WOR	28	SFTYMTG	HSM. DISCUSS JSA W/ NIGHT CREWS ON OPS.
18:00	05:00	11.00	P	WOR	40	WASH	WASH/DRILL TO #25 CFP @ 12,023'(TM). DRILL UP IN 5 MIN. CIRC RATE: 4 BPM @ 1900 PSI. R/R: 5 BPM @ 450 PSI. CIRC 10 BBL GEL SWEEP W/ 2% KCL & BIOCID. WASH/DRILL TO #26 CFP @ 12,210'(TM). DRILL UP IN 8 MIN. CIRC RATE: 4 BPM @ 2000 PSI. R/R: 5 BPM @ 450 PSI. CIRC 10 BBL GEL SWEEP W/ 2% KCL & BIOCID. WASH/DRILL TO #27 CFP @ 12,426'(TM). DRILL UP IN 7 MIN. CIRC RATE: 4 BPM @ 2000 PSI. R/R: 5 BPM @ 450 PSI. CIRC 10 BBL GEL SWEEP W/ 2% KCL & BIOCID. WASH/DRILL TO #28 CFP @ 12,610'(TM). DRILL UP IN 16 MIN. CIRC RATE: 4 BPM @ 2000 PSI. R/R: 5 BPM @ 450 PSI. CIRC 10 BBL GEL SWEEP W/ 2% KCL & BIOCID. WASH/DRILL TO #29 CFP @ 12,826'(TM). DRILL UP IN 15 MIN. CIRC RATE: 4 BPM @ 2000 PSI. R/R: 5 BPM @ 450 PSI. CIRC 20 BBL GEL SWEEP W/ 2% KCL & BIOCID. WASH/DRILL TO #30 CFP @ 13,012'(TM). DRILL UP IN 10 MIN. CIRC RATE: 4 BPM @ 1900 PSI. R/R: 5 BPM @ 450 PSI. CIRC 10 BBL GEL SWEEP W/ 2% KCL & BIOCID. WASH/DRILL TO #31 CFP @ 13,229'(TM). DRILL UP IN 10 MIN. CIRC RATE: 4 BPM @ 1900 PSI. R/R: 5 BPM @ 450 PSI. CIRC 10 BBL GEL SWEEP W/ 2% KCL & BIOCID. WASH/DRILL TO #32 CFP @ 13,410'(TM). DRILL UP IN 10 MIN. CIRC RATE: 4 BPM @ 1900 PSI. R/R: 5 BPM @ 450 PSI. CIRC 20 BBL GEL SWEEP W/ 2% KCL & BIOCID. WASH/DRILL TO #33 CFP @ 13,626'(TM). DRILL UP IN 12 MIN. CIRC RATE: 4 BPM @ 2000 PSI. R/R: 5 BPM @ 500 PSI. CIRC 10 BBL GEL SWEEP W/ 2% KCL & BIOCID. WASH/DRILL TO #34 CFP @ 13,811'(TM). DRILL UP IN 17 MIN. CIRC RATE: 4 BPM @ 2000 PSI. R/R: 5 BPM @ 500 PSI. CIRC 10 BBL GEL SWEEP W/ 2% KCL & BIOCID. WASH/DRILL TO #35 CFP @ 13,997'(TM). DRILL UP IN 16 MIN. CIRC RATE: 4 BPM @ 2200 PSI. R/R: 5 BPM @ 500 PSI. CIRC 20 BBL GEL SWEEP W/ 2% KCL & BIOCID. WASH/DRILL TO #36 CFP @ 14,198'(TM). DRILL UP IN 10 MIN. CIRC RATE: 4 BPM @ 2200 PSI. R/R: 5 BPM @ 500 PSI. CIRC 10 BBL GEL SWEEP W/ 2% KCL & BIOCID. WASH/DRILL TO 14,273'. TORQUED AND STALLED. WORK PIPE AND RESTORE ROTATION. PREP TO CIRCULATE CLEAN.
05:00	05:30	0.50	P	WOR	06	CIRC	MIX AND CIRCULATE 115 CP SWEEPS W/ SPACER (20/10/20) W/ DYE. CIRCULATE HOLE CLEAN AT REPORT TIME.
05:30	06:00	0.50	P	WOR	28	SFTYMTG	SAFETY MEETING AND JSA REVIEW WITH DAY SHIFT PERSONNEL.

Daily Operations Comments:

NO INCIDENTS TO REPORT.

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
			Fluids Eng:	Qty	Description	ID	OD	Top Set
14.000	67.00 / 67.00		Pit Temp:					
9.625	1,035.00 / 1,035.00		Density:					
			Brine Type:					
			Gel Type:					
			Viscosity:					
			Nitrogen:					
			NTU:					
			FLOWBACK					
			Gas Rate:					
			Choke Size:					
			Avg. Tbg. Press:					
			Avg. Csg. Press:					
			Fluid Rate (Water):					
			Fluid Rate (Oil):					
			Tot. Load Recovered:					

<div><div><div>EP ENERGY</div></div><div><div>Daily Operations</div><div>Report Onshore</div></div></div> <div>**Data shared on this report is CONFIDENTIAL**</div>		<div>Well Name/Wellbore No.: UNIVERSITY SALT DRAW 4101GH/00</div> <div>Country: USA State: TEXAS Field: SALT DRAW Supervisors: DAVID DISOTELL / GREG ALLGOOD Engineer/Manager: MEDINA, JAVIER / GRUBB, ALLEN</div>	<div>Report Number: 044 Report Date: 10/06/2016 Spud Date: 06/10/2016 Release Date: DOE: 62 Last BOP T.:</div> <div>DOL: 44 AFE Days: 8.00 CSG Test:</div>				
24 Hr Forecast: DRILL OUT CBP'S.							
PERFORATIONS							
Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments



****Data shared on this report is CONFIDENTIAL****

Well Name/Wellbore No.: UNIVERSITY SALT DRAW 4101GH/00

Country: USA
State: TEXAS
Field: SALT DRAW
Supervisors: DAVID DISOTELL / GREG ALLGOOD
Engineer/Manager: MEDINA, JAVIER / GRUBB, ALLEN

Report Number: 045
Report Date: 10/07/2016
Spud Date: 06/10/2016
Release Date:
DOE: 63 DOL: 45 AFE Days: 8.00
Last BOP T.: CSG Test:

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat: 31° 2' 10.11939 N
Long: 101° 6' 42.08084 W

API #:	4210542313
Rig:	
Rig Phone:	
KB(ft):	2,638.01
POB: 27	Manhours: 278.00

Current Activity: ON BTM, PUMPING GEL SWEEPS.
 24 Hr Summary: DRILL PLUGS # 37 - # 50. WASHED DOWN THROUGH LAST PERFS.
 DLR 2,495 BBLS. TLR 6,729. TOTAL SAND RECOVERED 18 YDS. EST 50 BO RECOVERED.
 24 Hr Forecast: POOH W/ TBG. AND BEGIN RUNNING COMPLETION.

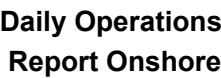
OPERATION DETAILS

Daily Operations Comments:
NO INCIDENTS TO REPORT.

0 5.00	Radius Eng.	Qty	Description
	Pit Temp: Density: Brine Type: Gel Type: Viscosity: Nitrogen: NTU:		
	FLOWBACK		
	Gas Rate: Choke Size: Avg. Tbg. Press: Avg. Csg. Press: Fluid Rate (Water): Fluid Rate (Oil): Tot. Load Recovered:		

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments



Country: USA
State: TEXAS
Field: SALT DRAW
Supervisors: DAVID DISOTELL / DAVID HAMMEKE
Engineer/Manager: MEDINA, JAVIER / GRUBB, ALLEN

Report Number: 046
Report Date: 10/08/2016
Spud Date: 06/10/2016
Release Date:
DOE: 64 DOL: 46 AFE Days: 8.00
Last BOP T.: CSG Test:

****Data shared on this report is CONFIDENTIAL****

Event: COMPLETION LAND
Safety Meeting Topic:
Location: Lat: 31° 2' 10.11939 N
Long: 101° 6' 42.08084 W

API #: 4210542313
Rig:
Rig Phone:
KB(ft): 2,638.01
POB: 27 Manhours: 278.00

Current Activity: RUWL.
24 Hr Summary: FINISH CIRCULATING ON BTM. LDWS.
24 Hr Forecast: SET PKR. BEGIN RUNNING COMPLETION.

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	07:00	1.00	P	WOR	06	CIRC	FINISH CIRCULATING SWEEP. CLEAN SCREENS AFTER EACH SWEEP. RECOVER A LARGE AMOUNT OF PLUG & SLIP PARTS.
07:00	07:30	0.50	P	WOR	18	OTHR	HANG BACK PWR SWIVEL IN WOR DERRICK.
07:30	16:00	8.50	P	WOR	24	PULD	POOH LD WS TO 7,000'.
16:00	16:30	0.50	P	WOR	18	OTHR	RU PWR SWIVEL.
16:30	18:00	1.50	P	WOR	06	CIRC	CIRC 3-30 BBL GEL SWEEPS W/ 2% KCL & BIOCID. DISP W/ 165 BBLS 2% KCL & BIOCID. HSM. DISCUSS JSA W/ NIGHT CREWS.
18:00	18:30	0.50	P	WOR	18	OTHR	LD PWR SWIVEL.
18:30	23:00	4.50	P	WOR	24	PULD	TOH LD WS. PUMP SWEEPS AT CURVE. CONTINUE OUT OF HOLE TO 1,540' (50 JTS.)
23:00	01:30	2.50	P	WOR	16	NUND	REMOVE RIG FLOOR. HELD JSA. NIPPLE UP SNUBBING UNIT. TEST SAME TO 250/2,500 PSI. GOOD TEST.
01:30	04:00	2.50	P	WOR	24	PULD	SICP = 625 PSI. SNUB OUT REMAINING WS. LDBHA.
04:00	05:30	1.50	P	WOR	16	NUND	RDMO SNUBBING UNIT. MIRU WLU.
05:30	06:00	0.50	P	WOR	28	SFTYMTG	HELD JSA W/ DAY CREW. DISCUSSED WL OPS AND RUNNING TBG.

Daily Operations Comments:

NO INCIDENTS TO REPORT.

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
			Fluids Eng:	Qty	Description	ID(in)	OD(in)	Top Set(ft)
14.000	67.00 / 67.00		Pit Temp:	1	EXT NECK TBG HGR	2.500	6.950	28.00
9.625	1,035.00 / 1,035.00		Density:	1	Tubing, Tubing, ", 6.50 ppf, L-80, ,	2.500	2.875	28.50
			Brine Type:	1	Tubing, Tubing, ", 6.50 ppf, L-80, ,	2.500	2.875	61.02
			Gel Type:	46	Tubing, Tubing, ", 6.50 ppf, L-80, ,	2.500	2.875	65.19
			Viscosity:	1	Mandrel, Gaslift Mandrel, ", ppf, , ,	2.500	4.344	1,560.47
			Nitrogen:	17	Tubing, Tubing, ", 6.50 ppf, L-80, ,	2.500	2.875	1,564.57
			NTU:	1	Mandrel, Gaslift Mandrel, ", ppf, , ,	2.500	4.344	2,116.84
				16	Tubing, Tubing, ", 6.50 ppf, L-80, ,	2.500	2.875	2,120.94
			FLOWBACK	1	Mandrel, Gaslift Mandrel, ", ppf, , ,	2.500	4.344	2,638.48
			Gas Rate:	17	Tubing, Tubing, ", 6.50 ppf, L-80, ,	2.500	2.875	2,642.58
			Choke Size:	1	Mandrel, Gaslift Mandrel, ", ppf, , ,	2.500	4.344	3,192.55
			Avg. Tbg. Press:	17	Tubing, Tubing, ", 6.50 ppf, L-80, ,	2.500	2.875	3,196.65
			Avg. Csg. Press:	1	Mandrel, Gaslift Mandrel, ", ppf, , ,	2.500	4.344	3,749.35
			Fluid Rate (Water):	17	Tubing, Tubing, ", 6.50 ppf, L-80, ,	2.500	2.875	3,753.45
			Fluid Rate (Oil):	1	Mandrel, Gaslift Mandrel, ", ppf, , ,	2.500	4.344	4,305.54
			Tot. Load Recovered:	17	Tubing, Tubing, ", 6.50 ppf, L-80, ,	2.500	2.875	4,309.64
				1	Mandrel, Gaslift Mandrel, ", ppf, , ,	2.500	4.344	4,862.14
				17	Tubing, Tubing, ", 6.50 ppf, L-80, ,	2.500	2.875	4,866.24

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments
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Country: USA
State: TEXAS
Field: SALT DRAW
Supervisors: DAVID DISOTELL / DAVID HAMMEKE
Engineer/Manager: MEDINA, JAVIER / GRUBB, ALLEN

Report Number: 047
Report Date: 10/09/2016
Spud Date: 06/10/2016
Release Date:
DOE: 65 DOL: 47 AFE Days: 8.00
Last BOP T.: CSG Test:

****Data shared on this report is CONFIDENTIAL****

Event: COMPLETION LAND
Safety Meeting Topic:
Location: Lat: 31° 2' 10.11939 N
Long: 101° 6' 42.08084 W

API #: 4210542313
Rig:
Rig Phone:
KB(ft): 2,638.01
POB: 27 Manhours: 278.00

Current Activity:	TUBE-UP COMPLETE. READY FOR FLOW-BACK.		
24 Hr Summary:	SET PKR. RUN COMPLETION. NU TREE. RDWSU AND MOVE OVER TO HH WELL. PUMPED OUT PLUG DURING TREE TEST AND DID NOT GET A 1000 PSI TBG TEST.		
24 Hr Forecast:	DLR 2,495 BBLS. TLR 6,729. TOTAL SAND RECOVERED 18 YDS. EST 50 BO RECOVERED. WAIT ON FLOW-BACK.		

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	08:00	2.00	P	MIRU	01	MIRU	CONT TO MIRU PREO WIRELINE ELU. ROD TEST BOP TO 250 PSI LOW / 3,000 PSI HIGH. MU & PU 4.650" GR / JB. INSTALL LUB. TEST LUB TO 250 PSI LOW / 3,000 PSI HIGH. ALL TESTS GOOD & CHARTED FOR 5 MIN EACH TEST. BULLHEAD 182 BBLS 2% KCL & BIOCIDES TO 7,842'.
08:00	09:30	1.50	P	WLWORK	18	OTHR	RIH W/ 4.650" GR/JB TO 6,614'. POOH. OOH. NO DEBRIS IN JB.
09:30	11:00	1.50	P	WLWORK	20	PACK	SICP: 750 PSI. PU MU 5-1/2" 17 - 20 # AS-1X 10 PKR, 10' IPC 101 COATED PUP JNT, WLEG W/ POP PINNED W/ 6 PINS. RIH TO SET PKR @ 6,514' (ELM). SET PKR. POOH. OOH. BLEED WELL TO 0 PSI.
11:00	12:00	1.00	P	RDMO	02	RDMO	RDMO PRO WIRELINE ELU.
12:00	12:30	0.50	P	INSTUB	18	OTHR	DRESS FLOOR TO HANDLE 2-7/8" PROD TBG.
12:30	17:30	5.00	P	INSTUB	24	PULD	PU TIH W/ 4.5" T-2 RET TOOL, 1 JNT 2-7/8" EUE L80 IPC 101 COATED TBG, ORIFICE VALVE, 198 JNTS 2-7/8" EUE L80 IPC 101 COATED TBG,
17:30	18:00	0.50	P	INSTUB	28	SFTYMTG	HELD JSA. DISCUSSED KEEPING WORK AREA CLEAN.
18:00	19:30	1.50	P	INSTUB	24	PULD	CONTINUE RUNNING TBG.
19:30	22:30	3.00	P	INSTUB	06	CIRC	LAND AND SPACE OUT TUBING. MU HANGER WITH BPV INSTALLED. CIRCULATE CORROSION INHIBITOR AROUND WELL. LAND HANGER W/ 10K DOWN ON PKR.
22:30	04:00	5.50	P	INSTUB	16	NUND	ND BOPE. NU 2-9/16" 5M PROD TREE. NU LUB TO REMOVE BPV & INSTALL TWC. TEST PROD TREE TO 250 PSI LOW / 5,000 PSI HIGH. ALL TESTS GOOD & CHARTED FOR 5 MIN EACH TEST. TEST VOID TO 5,000 PSI. GOOD 5 MIN TEST. PUMPED OUT PLUG @ 3,000 PSI WHILE TESTING TREE. TBG BARRIER #1: UMW ON PROD TREE. TBG BARRIER #2: TREE CAP ON PROD TREE. BARRIER #1 ON CSG: PKR LOCATED @ 6,140'. BARRIER #2 ON CSG: CSG VALVE IN CLOSED POSITION. NOTE: WHILE ATTEMPTING TO TEST TREE, IT APPEARS THAT WE PUMPED THROUGH THE TWO WAY CHECK AND PUMPED THE PLUG OUT AT 3,000 PSI. PRESSURE FELL TO 750 PSI. PRESSURED UP AGAIN AND HAD A GOOD 250 / 5,000 PSI TEST ON TREE. AFTER PULLING THE TWC WE PUMPED INTO THE WELL WITH TEST PUMP TO BE SURE THE PLUG IS GONE. DID NOT GET THE PLANNED 1,000 PSI TBG TEST.
04:00	06:00	2.00	P	RDMO	02	RDMO	RDMO KEY RIG #6134.

Daily Operations Comments:

NO INCIDENTS TO REPORT.

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
			Fluids Eng:	Qty	Description	ID(in)	OD(in)	Top Set(ft)
14.000	67.00 / 67.00		Pit Temp:	1	EXT NECK TBG HGR	2.500	6.950	28.00
9.625	1,035.00 / 1,035.00		Density:	1	Tubing, Tubing, ", 6.50 ppf, L-80, ,	2.500	2.875	28.50
			Brine Type:	1	Tubing, Tubing, ", 6.50 ppf, L-80, ,	2.500	2.875	61.02
			Gel Type:	46	Tubing, Tubing, ", 6.50 ppf, L-80, ,	2.500	2.875	65.19
			Viscosity:	1	Mandrel, Gaslift Mandrel, ", ppf, , ,	2.500	4.344	1,560.47
			Nitrogen:	17	Tubing, Tubing, ", 6.50 ppf, L-80, ,	2.500	2.875	1,564.57
			NTU:	1	Mandrel, Gaslift Mandrel, ", ppf, , ,	2.500	4.344	2,116.84
				16	Tubing, Tubing, ", 6.50 ppf, L-80, ,	2.500	2.875	2,120.94
				1	Mandrel, Gaslift Mandrel, ", ppf, , ,	2.500	4.344	2,638.48
				17	Tubing, Tubing, ", 6.50 ppf, L-80, ,	2.500	2.875	2,642.58
				1	Mandrel, Gaslift Mandrel, ", ppf, , ,	2.500	4.344	3,192.55
				17	Tubing, Tubing, ", 6.50 ppf, L-80, ,	2.500	2.875	3,196.65
				1	Mandrel, Gaslift Mandrel, ", ppf, , ,	2.500	4.344	3,749.35
				17	Tubing, Tubing, ", 6.50 ppf, L-80, ,	2.500	2.875	3,753.45
				1	Mandrel, Gaslift Mandrel, ", ppf, , ,	2.500	4.344	4,305.54
				17	Tubing, Tubing, ", 6.50 ppf, L-80, ,	2.500	2.875	4,309.64
				1	Mandrel, Gaslift Mandrel, ", ppf, , ,	2.500	4.344	4,862.14
				17	Tubing, Tubing, ", 6.50 ppf, L-80, ,	2.500	2.875	4,866.24

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments
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