



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

Well Name/Wellbore No.: UNIVERSITY SALT DRAW 4114CH/00

Country: USA
State: TEXAS
Field: SALT DRAW
Supervisors: JOE GARCIA / RICK MULL
Engineer/Manager: SCHMELTZ, PETER / GRUBB, ALLEN

Report Number: 001
Report Date: 08/16/2016
Spud Date: 07/14/2016
Release Date:
DOE: DOL: 1 AFE Days: 7.00
Last BOP T.: CSG Test:

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat: 31° 0' 51.00480 N
Long: 101° 8' 2.58871 W

API #:	4210542327
Rig:	
Rig Phone:	
KB(ft):	2,647.01
POB: 22	Manhours: 62.00

Current Activity:	CONT MIRU SURFACE EQUIP
24 Hr Summary:	MIRU & TEST FRAC STACK
24 Hr Forecast:	TEST CSG & SHIFT TOE SLEEVE

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
08:00	08:30	0.50	P	MIRU	28	SFTYMTG	HSM - GO OVER MIRU JSA, GO OVER HELP KEYS, HEAT & HYDRATION, STOP WORK AND INCIDENT REPORTING
08:30	17:30	9.00	P	MIRU	01	MIRU	SET TEST PLUG IN B SECTION, MIRU SPARTAN FRAC STACK AND ZIPPER MANIFOLD
17:30	18:00	0.50	P	MIRU	28	SFTYMTG	HSM - GO OVER MIRU JSA, GO OVER HELP KEYS, HEAT & HYDRATION, STOP WORK AND INCIDENT REPORTING
18:00	20:30	2.50	P	MIRU	01	MIRU	CONTINUE MIRU SURFACE EQUIP
20:30	21:30	1.00	P	WHDTRE	36	SFEQ	TEST FRAC STACK - SHELL TEST, HYD MASTER, UPPER AND LOWER MANUAL MASTER - EACH TESTED TO 250 PSI LOW AND 9500 PSI HIGH. HELD AND CHARTED EACH FOR 15 MIN GOOD.
21:30	22:30	1.00	P	MIRU	01	MIRU	CONTINUE MIRU SURFACE EQUIP
22:30	00:30	2.00	P	MIRU	01	MIRU	ND FLOW CROSS AND REMOVE TEST PLUG.
00:30	05:30	5.00	P	MIRU	01	MIRU	CONTINUE MIRU SURFACE EQUIP
05:30	06:00		P	MIRU	28	SFTYMTG	HSM WITH DAY SHIFT PERSONNEL - GO OVER MIRU JSA, HELP KEYS, HEAT & HYDRATION, STOP WORK AND INCIDENT REPORTING

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
	/			Pit Temp:					
12.250	1,027.17 / 1,027.17			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 4114CH/00

Country: USA
State: TEXAS
Field: SALT DRAW
Supervisors: JOE GARCIA / RICK MULL
Engineer/Manager: SCHMELTZ, PETER / GRUBB, ALLEN

Report Number: 002
Report Date: 08/17/2016
Spud Date: 07/14/2016
Release Date:
DOE: DOL: 2 AFE Days: 7.00
Last BOP T.: CSG Test:

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat: 31° 0' 51.00480 N
Long: 101° 8' 2.58871 W

API #:	4210542327
Rig:	
Rig Phone:	
KB(ft):	2,647.01
POB: 22	Manhours: 62.00

Current Activity: SUSPEND OPS FOR 1 DAY
24 Hr Summary: NU FLOW CROSS, CROWN VALVE AND RISERS
24 Hr Forecast: SUSPEND OPS FOR 1 DAY

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	07:00	1.00	P	WBP	73	WOOWO	WOOWO
07:00	12:00	5.00	P	WBP	17	OPNW	PRIME PUMPS, TEST IRON TO 9,500 PSI. SET & TEST POP OFF TO 9,500 PSI. 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 7.5 BPM, WE NOTICED THE A & B SECTION WAS LEAKING FROM THE SEAL RING. WE SHUT DOWN AND CALLED THE PROJECT ENGINEER. WE DECIEDED TO TYING UP THE A & B SECTION. AFTER WE WERE DONE WE RETESTED THE PRODUCTION CASING TO 7,700 FOR 15 MINS AND 8,000PSI FOR 15 MINS BOTH TEST WERE GOOD,AFTER WE DID THE TEST WE BLEED PRESSURE TO 2,000PSI COME UP TO 8BPM, SLEEVE ATUATED @ 8,600 PSI. ESTABLISH INJECTION RATE W/ 5BPM 4,800PSI, 10 BPM 5,300PSI 15 BPM @ 5,600 PSI FOR 50 BBLs. SHUT DOWN PUMPS. ISIP: 3,700 PSI. 1/3/5: 3,700/3,000/2,800 PSI. CLOSE IN PROD CSG WING VALVE. RU ON SURFACE. SET & TEST POP OFF TO 1,500 PSI. LOAD 9-5/8" 30 PPF. TEST SURFACE CSG TO 1,500 PSI. LEAKED OFF TO 800 PSI IN 15 MIN. SECURE WELL SDFN ACTIVE BARRIER #1: UPPER MANUAL MASTER VALVE ACTIVE BARRIER #2: HYD MASTER VALVE
12:00	17:30	5.50	P	WBP	73	WOOWO	NU GOAT HEAD AND HYDRA VALVE ON THE FRAC STACK
17:30	18:00	0.50	P	WBP	28	SFTYMTG	HSM - GO OVER MIRU JSA, GO OVER HELP KEYS, HEAT & HYDRATION, STOP WORK AND INCIDENT REPORTING
18:00	06:00		P	MIRU	01	MIRU	MIRU 3" RISERS FROM FRAC HEAD TO GROUND, RU 2" FB IRON FROM WING VALVE TO MANIFOLD & TANK, RUN ALL HYDRAULIC HOSES FOR FRAC STACK OPERATION. NOTE: 3" RISERS ARE CONNECTED TO ZIPPER MANIFOLD; THEREFORE, FRAC HEAD, FLOW CROSS AND CROWN VALVE HAVE NOT BEEN TESTED.

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
	/		Pit Temp:					
12.250	1,027.17 / 1,027.17		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: M.DEGOLLADO / H. VELA / R. VONDENSTEIN
Engineer/Manager: SCHMELTZ, PETER / GRUBB, ALLEN

Report Number: 004
Report Date: 08/19/2016
Spud Date: 07/14/2016
Release Date:
DOE: 3 DOL: 4 AFE Days: 7.00
Last BOP T.: CSG Test:

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

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat: 31° 0' 51.00480 N
Long: 101° 8' 2.58871 W

API #:	4210542327
Rig:	
Rig Phone:	
KB(ft):	2,647.01
POB: 23	Manhours: 59.00

Current Activity:	CONTINUE MIRU EQUIPMENT.
24 Hr Summary:	RU WATER TREATMENT, WATER TRANSFER, SHELL TEST ZIPPER MANIFOLD
24 Hr Forecast:	SUSPEND OPS FOR 1 DAY

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
07:00	08:00	1.00	P	MIRU	28	SFTYMTG	FRIDAY MEETING WITH HOUSTON OFFICE
08:00	08:30	0.50	P	MIRU	73	WOOWO	HELD HSE MEETING WITH CREW; DISCUSS H.E.L.P, STAYING HYDRATED AND REVIEWED JSA
08:30	12:00	3.50	P	MIRU	01	MIRU	RIGGING UP WATER TRANSFER, AEGIS WATER TREATMENT, FILLED UP TANKS 4FT.
12:00	19:00	7.00	P	MIRU	01	MIRU	COMPLETED RIGGING UP RISERS,PRESSURE TEST ZIPPER MANIFOLD, REPAIRED SEVERAL LEAKS ON RISERS, CONDUCTED A FULL SHELL TEST 250 PSI LOW, 9,500 PSI HIGH TEST, MONITOR 10 MIN, GOOD TEST.

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
12.250	1,027.17 / 1,027.17		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: M.DEGOLLADO / H. VELA / R. VONDENSTEIN
Engineer/Manager: SCHMELTZ, PETER / GRUBB, ALLEN

Report Number: 005
Report Date: 08/20/2016
Spud Date: 07/14/2016
Release Date:
DOE: 4 DOL: 5 AFE Days: 7.00
Last BOP T.: CSG Test:

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

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat: 31° 0' 51.00480 N
Long: 101° 8' 2.58871 W

API #: 4210542327
Rig:
Rig Phone:
KB(ft): 2,647.01
POB: 13 Manhours: 31.00

Current Activity:	CONTINUE MIRU EQUIPMENT.
24 Hr Summary:	TEST FRAC STACK.
24 Hr Forecast:	SUSPEND OPS FOR 1 DAY

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
07:00	07:30	0.50	P	MIRU	28	SFTYMTG	CONDUCTED JSA MEETING AND DISCUSSED STOP WORK AUTHORITY
07:30	12:00	4.50	P	MIRU	01	MIRU	TEST FRAC STACK - SHELL TEST, HYD MASTER, UPPER AND LOWER MANUAL MASTER - EACH TESTED TO 250 PSI LOW AND 9500 PSI HIGH. HELD AND CHARTED EACH FOR 10 MIN GOOD. ZIPPER AND WELL SECURED. PRESSURE BLEAD OFF TO OPENTOP.
12:00	14:00	2.00	P	MIRU	01	MIRU	LSE CRAIN ON LOC. WORKING ON EQUIPMENT.

Daily Operations Comments:

CASING		
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
14.000	67.00 / 67.00	
	/	
12.250	1,027.17 / 1,027.17	

FLUIDS	
Fluids Co:	
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:	

COMPLETION STRING DETAILS				
Down Hole Tool Co:		Tool Sup:		
Qty	Description	ID	OD	Top Set

PERFORATIONS

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



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Well Name/Wellbore No.: UNIVERSITY SALT DRAW 4114CH/00

Country: USA
State: TEXAS
Field: SALT DRAW
Supervisors: M.DEGOLLADO / H. VELA / R. VONDENSTEIN
Engineer/Manager: SCHMELTZ, PETER / GRUBB, ALLEN

Report Number: 006
Report Date: 08/21/2016
Spud Date: 07/14/2016
Release Date:
DOE: 5 DOL: 6 AFE Days: 7.00
Last BOP T.: CSG Test:

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat: 31° 0' 51.00480 N
Long: 101° 8' 2.58871 W

API #:	4210542327
Rig:	
Rig Phone:	
KB(ft):	2,647.01
POB: 13	Manhours: 31.00

Current Activity: CONTINUE MIRU EQUIPMENT.
24 Hr Summary: WAITING ON SAND TRUCKS TO PRE FILL SILOS.
24 Hr Forecast: CONTINUE MIRU EQUIPMENT.

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
07:00	08:00	1.00	P	MIRU	28	SFTYMTG	CONDUCTED JSA MEETING AND DISCUSSED SAFETY COMPLIANCE .
08:00	10:00	2.00	P	MIRU	01	MIRU	FTSI FRAC ON LOC. SPOTTING BLENDERS AND SILOS; CALLED IN SPEARHEAD TO LEVEL OUT GROUND.
10:00	11:00	1.00	P	MIRU	01	MIRU	SPEARHEAD ON LOC. TO LEVEL OUT LOCATION TO SET SILOS.
11:00	14:30	3.50	P	MIRU	01	MIRU	RESUME SPOTTING SILOS ; SPARTAN ON LOC. WORKING ON EQUIPMENT.
14:30	18:00	3.50	P	MIRU	01	MIRU	SELECT WATER TRANSFER ON LOC. RIGGING UP TRANSFER WATER LINES

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:					
	/		Density:					
12.250	1,027.17 / 1,027.17		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 4114CH/00

Country: USA
State: TEXAS
Field: SALT DRAW
Supervisors: M.DEGOLLADO / H. VELA / R. VONDENSTEIN
Engineer/Manager: SCHMELTZ, PETER / GRUBB, ALLEN

Report Number: 006
Report Date: 08/22/2016
Spud Date: 07/14/2016
Release Date:
DOE: 6 DOL: 6 AFE Days: 7.00
Last BOP T.: CSG Test:

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat: 31° 0' 51.00480 N
Long: 101° 8' 2.58871 W

API #:	4210542327
Rig:	
Rig Phone:	
KB(ft):	2,647.01
POB: 13	Manhours: 31.00

Current Activity: CONTINUE MIRU EQUIPMENT.
24 Hr Summary: WAITING ON SAND TRUCKS TO PRE FILL SILOS.
24 Hr Forecast: CONTINUE MIRU EQUIPMENT.

OPERATION DETAILS

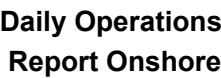
FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
07:00	08:00	1.00	P	MIRU	28	SFTYMTG	CONDUCTED JSA MEETING AND DISCUSSED SAFETY COMPLIANCE .
08:00	10:00	2.00	P	MIRU	01	MIRU	FTSI FRAC ON LOC. SPOTTING BLENDERS AND SILOS; CALLED IN SPEARHEAD TO LEVEL OUT GROUND.
10:00	11:00	1.00	P	MIRU	01	MIRU	SPEARHEAD ON LOC. TO LEVEL OUT LOCATION TO SET SILOS.
11:00	14:30	3.50	P	MIRU	01	MIRU	RESUME SPOTTING SILOS ; SPARTAN ON LOC. WORKING ON EQUIPMENT.
14:30	18:00	3.50	P	MIRU	01	MIRU	SELECT WATER TRANSFER ON LOC. RIGGING UP TRANSFER WATER LINES

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
	/		Pit Temp:					
12.250	1,027.17 / 1,027.17		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 4114CH/00

Country: USA
State: TEXAS
Field: SALT DRAW
Supervisors: M.DEGOLLADO / H. VELA / R. VONDENSTEIN
Engineer/Manager: SCHMELTZ, PETER / GRUBB, ALLEN

Report Number: 007
Report Date: 08/23/2016
Spud Date: 07/14/2016
Release Date:
DOE: 7 DOL: 7 AFE Days: 7.00
Last BOP T.: CSG Test:

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat: 31° 0' 51.00480 N
Long: 101° 8' 2.58871 W

API #:	4210542327
Rig:	
Rig Phone:	
KB(ft):	2,647.01
POB: 51	Manhours: 90.00

Current Activity: CONT MIRU FRAC EQUIP.
24 Hr Summary: MIRU FRAC BLENDER AND CHEMICALS, RU WL EQUIPMENT, PRE-LOAD SAND.
24 Hr Forecast: CONTINUE MIRU EQUIPMENT.

OPERATION DETAILS

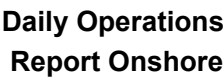
FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
07:00	08:00	1.00	P	MIRU	28	SFTYMTG	CONDUCTED JSA MEETING AND WENT OVER JSA AND SAFETY COMPLIANCES
08:00	09:00	1.00	P	MIRU	01	MIRU	SPARTAN AND LSE CRANE ON LOC. SPOTTING CRANE AND ACCUMULATORS.
09:00	17:00	8.00	P	MIRU	01	MIRU	MIRU FRAC BLENDER AND CHEMICALS, RU WL EQUIPMENT.
17:00	06:00	13.00	P	MIRU	01	MIRU	PRE-LOAD SAND.

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
	/		Pit Temp:					
12.250	1,027.17 / 1,027.17		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 4114CH/00

Country: USA
State: TEXAS
Field: SALT DRAW
Supervisors: M.DEGOLLADO / H. VELA / R. VONDENSTEIN
Engineer/Manager: SCHMELTZ, PETER / GRUBB, ALLEN

Report Number: 008
Report Date: 08/24/2016
Spud Date: 07/14/2016
Release Date:
DOE: 8 DOL: 8 AFE Days: 7.00
Last BOP T.: CSG Test:

Event:	COMPLETION LAND		
Safety Meeting Topic:			
Location:	Lat:	31° 0' 51.00480 N	
	Long:	101° 8' 2.58871 W	

API #:	4210542327
Rig:	
Rig Phone:	
KB(ft):	2,647.01
POB: 64	Manhours: 77.00

Current Activity:	CONT MIRU FRAC EQUIP.
24 Hr Summary:	COMPLETE SAND PRE-FILL, MIRU FRAC PUMPS.
24 Hr Forecast:	CONTINUE MIRU EQUIPMENT.

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
07:00	07:30	0.50	P	MIRU	28	SFTYMTG	CONDUCTED JSA MEETING AND WENT OVER SAFETY COMPLIANCE NOTES
07:30	09:30	2.00	P	MIRU	01	MIRU	MAALT COPMLETED SAND PRE FILL; SPEARHEAD, AEGIS AND FRAC WORKING ON LOC.
09:30	18:00	8.50	P	MIRU	01	MIRU	MIRU FRAC PUMPS, SPARTAN FLOWBACK WORKING ON HYD.VALVE ON ZIPPER FOR THE A WELL.

Daily Operations Comments:

NO INJURIES, SPILLS OR OFFICIAL VISITS.

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
12.250	1,027.17 / 1,027.17		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: M.DEGOLLADO / H. VELA / R. VONDENSTEIN
Engineer/Manager: SCHMELTZ, PETER / GRUBB, ALLEN

Report Number: 009
Report Date: 08/25/2016
Spud Date: 07/14/2016
Release Date:
DOE: 9 DOL: 9 AFE Days: 7.00
Last BOP T.: CSG Test:

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

Event: COMPLETION LAND
Safety Meeting Topic:
Location: Lat: 31° 0' 51.00480 N
Long: 101° 8' 2.58871 W

API #:	4210542327
Rig:	
Rig Phone:	
KB(ft):	2,647.01
POB: 38	Manhours: 68.00

Current Activity: PREPARING TO PRESSURE TEST EQUIP.
24 Hr Summary: FTSI COMPLETED RIG UP AND BUCKET TESTING ALL CHEMICALS.
24 Hr Forecast: PRESSURE TEST EQUIPMENT AND FILL UP ACID TANKS.

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
07:00	07:30	0.50	P	MIRU	01	MIRU	CONDUCTED JSA MEETING AND WENT OVER SAFETY COMPLIANCE NOTES.
07:30	14:00	6.50	P	MIRU	01	MIRU	FTSI FRAC CREW ON LOC. COMPLETED RIG UP AND BUCKET TESTING ALL CHEMICALS.
14:00	18:00	4.00	P	MIRU	01	MIRU	STALLION MAINTENANCE CREW WORKING ON SWAPPING ALL VALVES ON ACID TANKS, SPEARHEAD INSTALLED FILL UP LINE ON ACID TANKS.

Daily Operations Comments:

NO INJURIES, SPILLS OR OFFICIAL VISITS.

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:					
	/		Fluids Eng:					
12.250	1,027.17 / 1,027.17		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



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

Well Name/Wellbore No.: UNIVERSITY SALT DRAW 4114CH/00

Country: USA
State: TEXAS
Field: SALT DRAW
Supervisors: M.DEGOLLADO / R. SPAIN / H. VELA / D. HAMM
Engineer/Manager: SCHMELTZ, PETER / GRUBB, ALLEN

Report Number: 010
Report Date: 08/26/2016
Spud Date: 07/14/2016
Release Date:
DOE: 10 DOL: 10 AFE Days: 7.00
Last BOP T.: CSG Test:

Event: COMPLETION LAND
Safety Meeting Topic:
Location: Lat: 31° 0' 51.00480 N
Long: 101° 8' 2.58871 W

API #: 4210542327
Rig:
Rig Phone:
KB(ft): 2,647.01
POB: 56 Manhours: 113.50

Current Activity: PREPARING TO PERFORATE STAGE 1.
24 Hr Summary: COMPLETE RIG UP, PRE-PAD MEETING, PRESSURE TEST ALL EQUIP.
24 Hr Forecast: BEGIN FRAC OPERATIONS.

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	08:00	2.00	P	MIRU	28	SFTYMTG	CONDUCTED JSA MEETING AND WENT OVER SAFETY COMPLIANCE NOTES.
08:00	09:00	1.00	P	MIRU	01	MIRU	FTSI FRAC OFF LOADING CHEMICALS ON DROP DOWN TANKS
09:00	13:30	4.50	P	MIRU	01	MIRU	FTSI FRAC COMPLETED RIGGING UP AND CHECKING COMMUNICATION WITH THIER DATAVAN.
13:30	15:00	1.50	P	MIRU	18	OTHR	FTSI WL ON LOC. RIGGING UP BOP AND TESTING 250 LOW AND 8000 HI HOLDING EACH TEST FOR 10MIN.
15:00	18:00	3.00	P	MIRU	18	OTHR	PETROPLEX ON LOC. OFF LOADING ACID
18:00	19:00	1.00	P	MIRU	28	SFTYMTG	HELD PRE-PAD MEETING.
19:00	02:00	7.00	P	MIRU	30	SEQP	PRIME UP PUMPS. TEST LINES TO ZIPPER. 8,400 PSI. GOOD TEST.
02:00	03:30	1.50	P	MIRU	30	SEQP	PRIME UP PUMP DOWN PUMPS. CIRCULATE THROUGH FLOW CROSS. TEST LINES 8,400 PSI. GOOD TEST.
03:30	06:00	2.50	P	MIRU	01	MIRU	FINISH RUWL.

Daily Operations Comments:

NO INJURIES, SPILLS OR OFFICIAL VISITS.

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
12.250	1,027.17 / 1,027.17		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



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

Well Name/Wellbore No.: UNIVERSITY SALT DRAW 4114CH/00

Country: USA
State: TEXAS
Field: SALT DRAW
Supervisors: M.DEGOLLADO / R. SPAIN / H. VELA / D. HAMM
Engineer/Manager: SCHMELTZ, PETER / GRUBB, ALLEN

Report Number: 011
Report Date: 08/27/2016
Spud Date: 07/14/2016
Release Date:
DOE: 11 DOL: 11 AFE Days: 7.00
Last BOP T.: CSG Test:

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat: 31° 0' 51.00480 N
Long: 101° 8' 2.58871 W

API #: 4210542327
Rig:
Rig Phone:
KB(ft): 2,647.01
POB: 56 Manhours: 113.50

Current Activity:	STANDBY FOR ADJACENT WELL OPS.
24 Hr Summary:	ACIDIZE TOE, COMPLETE FRAC STAGES 1- 2; WL STAGES 1 - 3. PUMPED 557,220 # 100 MESH, 133,180 # 40/70 MESH & 16,979 BBLS SLICKWATER
24 Hr Forecast:	CONTINUE FRAC OPERATIONS.

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	08:00	2.00	P	STG01	28	SFTYMTG	CONDUCTED JSA MEETING AND TALKED ABOUT SAFETY COMPLIANCE NOTES WITH EVERYONE ON LOC; INJECTION TEST WAS DONE BEFORE RIH WITH WL. FILLED WELLBORE 100BBL@7000PSI PUMP 40BBL OF LEAD ACID @15% ONCE WE SAW A BREAK WE INCREASED RATE UP TO 40BPM@5300PSI HELD RATE DISPLACED ACID AND CALLED IT A GOOD TEST WELL WAS HANDED OVER TO WLTO PERF STG 1.
08:00	12:45	4.75	P	STG01	21	PERF	WL STAGE # 01. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 6,152'. PERF ON THE FLY AT 14,400' - 14,555' O/A. POOH, LD GUNS. ALL SHOTS FIRED. PUMPED 600 BBLS.
12:45	14:00	1.25	P	STG01	09	EQRP	EQUIPMENT MAINTANCE AND SWAPPING OUT 4' SEALS ON HOSES.
14:00	16:30	2.50	P	STG01	35	STIM	FRAC STAGE # 1 SLICKWATER - SICP 2,314. PUMP 60 BBLS 15% ACID,PUMP 190 BBLS 15% VISC ACID PUMP 279,140 LBS 100 MESH @ .5 - 2.5 PPA; PUMP 96,200 LBS 40/70 @ 1.0 - 2.5 PPA. TOTAL FLUSH 369 BBL. ATP 5,593. ATR 72.3 MTP 7,813 MTR 90.8 . FISIP 3,142. FG 0.91. TCF 7,889 BBLS.
16:30	19:00	2.50	P	STG02	21	PERF	WL STAGE # 02. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 6,152'. SET PLUG @ 14,383'. PU AND PERF ON THE FLY AT 14,368' - 14,213' O/A. POOH, LD GUNS. ALL SHOTS FIRED. PUMPED 478 BBLS.
19:00	23:00	4.00	P	STG02	73	WOOWO	STANDBY FOR ADJACENT WELL OPS.
23:00	00:30	1.50	P	STG02	35	STIM	FRAC STAGE # 2 SLICKWATER - SICP 2,219. PUMP 60 BBLS 15% ACID,PUMP 190 BBLS 15% VISC ACID PUMP 278,080 LBS 100 MESH .5 - 2.0 PPA;NOTE: SHUT DOWN AFTER DISPLACE 100 MESH SAND DUE TO ISSUE WITH BLENDER AUGER, UNABLE TO GET 2.5 PPA.
00:30	01:30	1.00	P	STG02	35	STIM	SWAPP BLENDER
01:30	02:45	1.25	P	STG02	35	STIM	RESUME FRAC STAGE # 2 SLICKWATER - ESTABLISH RATE PUMP 36,980 LBS 40/70 @ 1.0 - 1.50 PPA. TOTAL FLUSH 365 BBL. ATP 5,505. ATR 66.1MTP 7,623 MTR 92.3 . FISIP 2,920. FG 0.87. TCF 7,775 BBLS. NOTE: CUT SAND 150 BBLS INTO 1.50 PPA 40/70 SAND DUE TO HIGH PRESSURE, WELLBORE FLUSH WAS COMPLETED SUCCESFULLY, 84% OF PROPPANT DESING WAS PLACED INTO FORMATION, NOTIFIED PROJECT ENGINEER, CALLED IT THE STAGE.
02:45	05:00	2.25	P	STG03	21	PERF	WL STAGE # 3. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 6,152'. SET PLUG @ 14,196'. PU AND PERF ON THE FLY AT 14,026' - 14,181' O/A. POOH, LD GUNS. ALL SHOTS FIRED. PUMPED 483 BBLS.
05:00	05:30	0.50	P	STG03	73	WOOWO	STANDBY FOR ADJACENT WELL OPS.
05:30	06:00	0.50	P	STG03	28	SFTYMTG	HELD JSA W/ DAY CREW. DISCUSSED H.E.L.P, HYDRATION, STOP WORK RESPONSIBILITY.

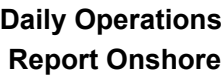
Daily Operations Comments:

NO INJURIES, SPILLS OR OFFICIAL VISITS.

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
	/		Pit Temp:					
12.250	1,027.17 / 1,027.17		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 4114CH/00

Country: USA
State: TEXAS
Field: SALT DRAW
Supervisors: M.DEGOLLADO / R. SPAIN / H. VELA / D. HAMM
Engineer/Manager: SCHMELTZ, PETER / GRUBB, ALLEN

Report Number: 012
Report Date: 08/28/2016
Spud Date: 07/14/2016
Release Date:
DOE: 12 DOL: 12 AFE Days: 7.00
Last BOP T.: CSG Test:

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat: 31° 0' 51.00480 N
Long: 101° 8' 2.58871 W

API #: 4210542327
Rig:
Rig Phone:
KB(ft): 2,647.01
POB: 97 Manhours: 508.00

Current Activity:	STAGE 5 FRAC IN PROGRESS.
24 Hr Summary:	COMPLETE FRAC STAGES 3 - 4; WL STAGES 4 - 5. PUMPED 558,025 # 100 MESH, 193,130 # 40/70 MESH & 15,953 BBLS SLICKWATER.
24 Hr Forecast:	CONTINUE FRAC OPERATIONS.

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	13:30	7.50	P	STG03	73	WOOWO	STANDBY FOR ADJACENT WELL OPS.
13:30	15:30	2.00	P	STG03	35	STIM	FRAC STAGE #3 SLICKWATER - SICP 2318. PUMP 30 BBLS 15% ACID.PUMP 190 BBLS 15% VISC ACID PUMP 279,025 LBS 100 MESH @ .5 - 2.5 PPA; PUMP 96,750 LBS 40/70 @ 1.0 - 2.5 PPA. TOTAL FLUSH 360 BBL. ATP 5,654. ATR 74.1 MTP 7,722 MTR 89.8 . FISIP 3,381. FG 0.91. TCF 7,525 BBLS.
15:30	18:40	3.17	P	STG04	21	PERF	WL STAGE # 4. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 6,152'. SET PLUG @ 14,009'. PU AND PERF ON THE FLY AT 13,839' - 13,994' O/A. POOH, LD GUNS. ALL SHOTS FIRED. PUMPED 458 BBLS. STANDBY @ 500' NOTE:CONDUCTED JSA MEETING AND TALKED ABOUT SAFETY COMPLIANCE NOTES WITH EVERYONE ON LOC
18:40	19:40	1.00	P	STG04	18	OTHR	GREASE FRAC STACK .
19:40	20:00	0.33	P	STG04	73	WOOWO	STANDBY FOR ADJACENT WELL OPS.
20:00	23:00	3.00	P	STG04	35	STIM	FRAC STAGE # 4 SLICKWATER - SICP 2,234. PUMP 30 BBLS 15% ACID. PUMP 190 BBLS 15% VISC ACID PUMP 279,000 LBS 100 MESH @ .5 - 2.5 PPA; PUMP 96,380 LBS 40/70 @ 1.0 - 2.5 PPA. TOTAL FLUSH 356 BBL. ATP 5,570. ATR 74.9 MTP 6,609 MTR 87.1 . FISIP 2,962. FG x0.88. TCF 7,498 BBLS.NOTE: SHUTDOWN STAGE AFTER FLUSH FIRST VISCOSIFIED ACID DUE TO AEGIS WATER TREATMENT HAD A BROKEN VALVE ON UNIT. UNIT WAS REPAIRED, RESUME STAGE TO COMPLETION.
23:00	00:00	1.00	P	STG05	73	WOOWO	STANDBY FOR ADJACENT WELL OPS.
00:00	02:30	2.50	P	STG05	21	PERF	WL STAGE # 5. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 6,152'. SET PLUG @ 13,822'. PU AND PERF ON THE FLY AT 13,652' - 13,807' O/A. POOH, STANDBY @ 500'. LD GUNS. ALL SHOTS FIRED. PUMPED 466 BBLS.
02:30	04:00	1.50	P	STG05	73	WOOWO	STANDBY FOR ADJACENT WELL OPS.
04:00	06:00	2.00	P	STG05	35	STIM	FRAC STAGE # 5, IN PROGRESS AT REPORT TIME. HELD JSA WITH DAY CREW. DISCUSSED FUEL FILTERS AND GENERAL SAFETY AND COMPLIANCE NOTES.

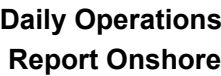
Daily Operations Comments:

NO INJURIES, SPILLS OR OFFICIAL VISITS.

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
	/			Pit Temp:					
12.250	1,027.17 / 1,027.17			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 4114CH/00

Country: USA
State: TEXAS
Field: SALT DRAW
Supervisors: M.DEGOLLADO / R. SPAIN / H. VELA / D. HAMM
Engineer/Manager: SCHMELTZ, PETER / GRUBB, ALLEN

Report Number: 013
Report Date: 08/29/2016
Spud Date: 07/14/2016
Release Date:
DOE: 13 DOL: 13 AFE Days: 7.00
Last BOP T.: CSG Test:

Event: COMPLETION LAND
Safety Meeting Topic:

API #: 4210542327
Rig:
Rig Phone:
KB(ft): 2,647.01
POB: 97 Manhours: 508.00

Location: Lat: 31° 0' 51.00480 N
Long: 101° 8' 2.58871 W

Current Activity:	FRACING STAGE 8.
24 Hr Summary:	COMPLETE FRAC STAGES 5 - 6 - 7; WL STAGES 6 - 7 - 8. PUMPED 1,132,650 # 100 MESH, 386,920 # 40/70 MESH & 32,770 BBLS SLICKWATER.
24 Hr Forecast:	CONTINUE FRAC OPERATIONS.

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
			P	STG08	35	STIM	FRAC STAGE # 8 SLICKWATER - SICP xx. PUMP 30 BBLS 15% ACID. PUMP 190 BBLS 15% VISC ACID PUMP xx LBS 100 MESH @ .5 - 2.5 PPA; PUMP xx LBS 40/70 @ 1.0 - 2.5 PPA. TOTAL FLUSH xx BBL. ATP xx. ATR xx MTP xx MTR xx . FISIP xx. FG0 xx. TCF xx BBLS.
06:00	06:30	0.50	P	STG05	35	STIM	FRAC STAGE # 5 SLICKWATER - SICP 2,311. PUMP 30 BBLS 15% ACID. PUMP 190 BBLS 15% VISC ACID PUMP 279,025 LBS 100 MESH @ .5 - 2.5 PPA; PUMP 96,750 LBS 40/70 @ 1.0 - 2.5 PPA. TOTAL FLUSH 352 BBL. ATP 5,763. ATR 74.6 MTP 6,802 MTR 86.5 . FISIP 3,116. FG 0.90. TCF 7,594 BBLS. NOTE: STAGED CARRIED OVER FROM NIGHTSHIFT. NOTE:CONDUCTED JSA MEETING WITH DAY CREW AND TALKED ABOUT SAFETY COMPLIANCE NOTES WITH EVERYONE ON LOC.
06:30	08:30	2.00	P	STG06	21	PERF	WL STAGE # 6. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 6,152'. SET PLUG @ 13,635'. PU AND PERF ON THE FLY AT 13,465' - 13,620' O/A. POOH, LD GUNS. ALL SHOTS FIRED. PUMPED 435 BBLS. REHEAD AFTER RUN.
08:30	12:30	4.00	P	STG06	73	WOOWO	WAITING ON OTHER WELL OPERATIONS.
12:30	14:30	2.00	P	STG06	35	STIM	FRAC STAGE # 6 SLICKWATER - SICP 2640. PUMP 30 BBLS 15% ACID. PUMP 190 BBLS 15% VISC ACID PUMP 282,170 LBS 100 MESH @ .5 - 2.5 PPA; PUMP 96,700 LBS 40/70 @ 1.0 - 2.5 PPA. TOTAL FLUSH 347 BBL. ATP 5,893. ATR 72.1 MTP 7,689 MTR 93.9 . FISIP 3,544. FG0.97. TCF 7,589 BBLS.
14:30	17:30	3.00	P	STG07	21	PERF	WL STAGE # 7. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 6,152'. SET PLUG @ 13,445'. PU AND PERF ON THE FLY AT 13,278' - 13,432' O/A. POOH, LD GUNS. ALL SHOTS FIRED. PUMPED 458 BBLS.
17:30	18:00	0.50	P	STG07	28	SFTYMTG	NOTE:CONDUCTED JSA MEETING WITH NIGHT CREW AND TALKED ABOUT SAFETY COMPLIANCE NOTES WITH EVERYONE ON LOC.
18:00	18:45	0.75	P	STG07	09	EQRP	REPAIR LEAK ON ZIPPER MANIFOLD HYD VALVE, ISSUE WAS CORRECTED , PRESSURE TEST 8500, GOOD TEST.
18:45	19:45	1.00	P	STG07	35	STIM	FRAC STAGE # 7 SLICKWATER - SICP 2,190. PUMP 30 BBLS 15% ACID. PUMP 100 MESH SAND, CUT SAND 350 INTO 100 MESH DUE TO ISSUES WITH SUCTION PUMP IN BLENDER.
19:45	20:05	0.33	P	STG07	09	EQRP	REPAIR SUCTION PUMP ON BLENDER.
20:05	21:45	1.67	P	STG07	35	STIM	RESUME FRAC STAGE #7 ESTABLISH RATE PUMP 190 BBLS 15% VISC ACID PUMP 285,180 LBS 100 MESH @ .5 - 2.5 PPA; PUMP 97,000 LBS 40/70 @ 1.0 - 2.5 PPA. TOTAL FLUSH 343 BBL. ATP 5,155. ATR 76.9 MTP 6,652 MTR 90.5 . FISIP 3,290. FG0 0.93. TCF 8,917 BBLS.
21:45	01:15	3.50	P	STG08	21	PERF	WL STAGE # 8. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 6,152'. SET PLUG @ 13,261'. PU AND PERF ON THE FLY AT 13,094' - 13,246' O/A. POOH, STANDBY @ 500'. LD GUNS. ALL SHOTS FIRED. PUMPED 436 BBLS.
01:15	02:15	1.00	P	STG08	18	OTHR	GREASE AND RE-TORQUE FRAC STACK AND ZIPPER MANIFOLD VALVES, WL REHEAD E-LINE.
02:15	04:15	2.00	P	STG08	73	WOOWO	STANDBY FOR ADJACENT WELL OPS.
04:15	06:00	1.75	P	STG08	35	STIM	BEGIN FRACING STAGE 8.

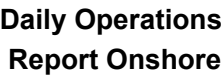
Daily Operations Comments:

NO INJURIES, SPILLS OR OFFICIAL VISITS.

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
	/		Pit Temp:					
12.250	1,027.17 / 1,027.17		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: M.DEGOLLADO / R. SPAIN / H. VELA / D. HAMM
Engineer/Manager: SCHMELTZ, PETER / GRUBB, ALLEN

Report Number: 014
Report Date: 08/30/2016
Spud Date: 07/14/2016
Release Date:
DOE: 14 DOL: 14 AFE Days: 7.00
Last BOP T.: CSG Test:

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

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat: 31° 0' 51.00480 N
Long: 101° 8' 2.58871 W

API #: 4210542327
Rig:
Rig Phone:
KB(ft): 2,647.01
POB: 140 Manhours: 516.00

Current Activity:	STAND BY AT 500', WAITING ON AH FRAC.
24 Hr Summary:	COMPLETE FRAC STAGES 8 - 9 - 10- 11; WL STAGES 9 - 10 - 11- 12. PUMPED 1,134,320 # 100 MESH,387,900 # 40/70 MESH & 30,877 BBLs SLICKWATER.
24 Hr Forecast:	CONTINUE FRAC OPERATIONS.

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:45	0.75	P	STG08	35	STIM	FRAC STAGE #8 SLICKWATER - SICP 2,280. PUMP 30 BBLS 15% ACID. PUMP 190 BBLS 15% VISC ACID PUMP 282,170 LBS 100 MESH @ .5 - 2.5 PPA; PUMP 96,700 LBS 40/70 @ 1.0 - 2.5 PPA. TOTAL FLUSH 339 BBL. ATP 5,091. ATR 73.6 MTP 6,412 MTR 90.2 . FISIP 3,231. 0.92. TCF 7,414 BBLS
06:45	08:45	2.00	P	STG09	73	WOOWO	WAITING ON OTHER WELL OPERATIONS
08:45	11:30	2.75	P	STG09	21	PERF	WL STAGE #9. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 6,152'. SET PLUG @ 13,074'. PU AND PERF ON THE FLY AT 12,904' - 13,059' O/A. POOH, LD GUNS. ALL SHOTS FIRED. PUMPED 395 BBLS. STANDBY @ 500'
11:30	12:45	1.25	P	STG09	35	STIM	PULLING PUMPS FOR MAINTANCE AND REPLACING SUCTION HOSES ON WATER TANKS
12:45	15:00	2.25	P	STG09	35	STIM	FRAC STAGE #9 SLICKWATER - SICP 2,168. PUMP 30 BBLS 15% ACID. PUMP 190 BBLS 15% VISC ACID PUMP 282,170 LBS 100 MESH @ .5 - 2.5 PPA; PUMP 96,700 LBS 40/70 @ 1.0 - 2.5 PPA. TOTAL FLUSH 334 BBL. ATP 5,136. ATR 74.1 MTP 6,059 MTR 89.4 . FISIP 3,350. FG 0.94. TCF 7,175 BBLS
15:00	18:00	3.00	P	STG10	21	PERF	WL STAGE # 10. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 6,152'. SET PLUG @ 12,877'. PU AND PERF ON THE FLY AT 12,717' - 12,850' O/A. POOH, LD GUNS. ALL SHOTS FIRED. PUMPED 408 BBLS. STANDBY @ 500'
18:00	18:30	0.50	P	STG10	73	WOOWO	STANDBY FOR ADJACENT WELL OPS.
18:30	20:45	2.25	P	STG10	35	STIM	FRAC STAGE # 10 SLICKWATER - SICP 2,232. PUMP 00 BBLS 15% ACID. PUMP 190 BBLS 15% VISC ACID PUMP 285,680 LBS 100 MESH @ .5 - 2.5 PPA; PUMP 96,840 LBS 40/70 @ 1.0 - 2.5 PPA. TOTAL FLUSH 330 BBL. ATP 5,082 ATR 76.2 MTP 5,960 MTR 90.5. FISIP 3,264.FG 0.93. TCF 7,397 BBLS
20:45	23:45	3.00	P	STG11	21	PERF	WL STAGE # 11. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ 6 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 36 SHOTS. CORRELATE W/ MARKER JT AT 6,152'. SET PLUG @ 12,700'. PU AND PERF ON THE FLY AT 12,530' - 12,685' O/A. POOH, STANDBY @ 500'. LD GUNS. ALL SHOTS FIRED. PUMPED 416 BBLS.
23:45	00:30	0.75	P	STG11	73	WOOWO	STANDBY FOR ADJACENT WELL OPS.
00:30	02:30	2.00	P	STG11	35	STIM	FRAC STAGE # 11 SLICKWATER - SICP 2,260. PUMP 30 BBLS 15% ACID. PUMP 190 BBLS 15% VISC ACID PUMP 279,240 LBS 100 MESH @ .5 - 2.5 PPA; PUMP 97,000 LBS 40/70 @ 1.0 - 2.5 PPA. TOTAL FLUSH 326 BBL. ATP 5,311 ATR 76.8 MTP 6,081 MTR 91.0. FISIP 3,313.FG 0.93. TCF 7,304 BBLS
02:30	03:30	1.00	P	STG12	18	OTHR	WL REHEAD E/LINE.
03:30	06:00	2.50	P	STG12	21	PERF	WL STAGE # 12. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ 6 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 36 SHOTS. CORRELATE W/ MARKER JT AT 6,152'. SET PLUG @ 12,513'. PU AND PERF ON THE FLY AT 12,343' - 12,498' O/A. POOH, STANDBY @ 500' AT REPORT TIME. ALL SHOTS FIRED. PUMPED 410 BBLS.

Daily Operations Comments:

NO INJURIES, SPILLS OR OFFICIAL VISITS.

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
	/		Pit Temp:					
12.250	1,027.17 / 1,027.17		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: M.DEGOLLADO / R. SPAIN / H. VELA / D. HAMM
Engineer/Manager: SCHMELTZ, PETER / GRUBB, ALLEN

Report Number: 015
Report Date: 08/31/2016
Spud Date: 07/14/2016
Release Date:
DOE: 15 DOL: 15 AFE Days: 7.00
Last BOP T.: CSG Test:

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

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat: 31° 0' 51.00480 N
Long: 101° 8' 2.58871 W

API #: 4210542327
Rig:
Rig Phone:
KB(ft): 2,647.01
POB: 128 Manhours: 554.00

Current Activity:	GREASE AND RE-TORQUE FRAC STACK AND ZIPPER MANIFOLD.
24 Hr Summary:	COMPLETE FRAC STAGES 12 - 13 - 14- 15; WL STAGES 13 - 14 - 15- 16. PUMPED 1,119,100 # 100 MESH,388,780 # 40/70 MESH & 30,532 BBLs SLICKWATER.
24 Hr Forecast:	CONTINUE FRAC OPERATIONS.

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	07:30	1.50	P	STG12	18	OTHR	GREASING WELL AND ZIPPER
07:30	11:30	4.00	P	STG12	35	STIM	STARTED STG 12 PUMPED ACID AND HAD TO SHUTDOWN AFTER DISPLACING A FULL WELLBORE VOLUME DUE TO WL ROH WITH LIVE GUNS. ADVISED EVERYONE ON LOC. TO MEET AT THE SAFETY TRAILER FOR PORPER HEAD COUNT AND FURTHER INSTRUCTIONS. RESUME STG.FRAC STAGE # 12 SLICKWATER - SICP 2,282. PUMP 60 BBLS 15% ACID. PUMP 190 BBLS 15% VISC ACID PUMP 279,880 LBS 100 MESH @ .5 - 2.5 PPA; PUMP 97,680 LBS 40/70 @ 1.0 - 2.5 PPA. TOTAL FLUSH 321 BBL. ATP 5,144 ATR 75.1 MTP 6,452 MTR 89.9. FISIP 3,382.FG 0.94. TCF 7,653 BBLS
11:30	13:30	2.00	P	STG13	73	WOOWO	WAITING ON OTHER WELL OPERATIONS
13:30	15:30	2.00	P	STG13	21	PERF	WL STAGE #13. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 6,152'. SET PLUG @ 12,326'. PU AND PERF ON THE FLY AT 12,156' - 12,311' O/A. POOH, LD GUNS. ALL SHOTS FIRED. PUMPED 364 BBLS.
15:30	17:15	1.75	P	STG13	73	WOOWO	STANDBY FOR ADJACENT WELL OPS.
17:15	19:15	2.00	P	STG13	35	STIM	FRAC STAGE # 13 SLICKWATER - SICP 2,125. PUMP 60 BBLS 15% ACID. PUMP 190 BBLS 15% VISC ACID PUMP 280,060 LBS 100 MESH @ .5 - 2.5 PPA; PUMP 97,940 LBS 40/70 @ 1.0 - 2.5 PPA. TOTAL FLUSH 317 BBL. ATP 5,101 ATR 76.5 MTP 6,051 MTR 90.6. FISIP 3,452.FG 0.95. TCF 7,228 BBLS
19:15	21:15	2.00	P	STG14	21	PERF	WL STAGE #14. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 6,152'. SET PLUG @ 12,121'. PU AND PERF ON THE FLY AT 11,969' - 12,121' O/A. POOH, LD GUNS. ALL SHOTS FIRED. PUMPED 377 BBLS.
21:15	23:30	2.25	P	STG14	35	STIM	FRAC STAGE # 14 SLICKWATER - SICP 2,275. PUMP 30 BBLS 15% ACID. PUMP 190 BBLS 15% VISC ACID PUMP 279,580 LBS 100 MESH @ .5 - 2.5 PPA; PUMP 96,560 LBS 40/70 @ 1.0 - 2.5 PPA. TOTAL FLUSH 313 BBL. ATP 5,319 ATR 76.9 MTP 6,631 MTR 90.7. FISIP 3,134.FG 0.91. TCF 7,169 BBLS
23:30	01:00	1.50	P	STG15	21	PERF	WL STAGE # 15. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 6,152'. SET PLUG @ 11,952'. PU AND PERF ON THE FLY AT 11,782' - 11,936' O/A. POOH, LD GUNS. ALL SHOTS FIRED. PUMPED 372 BBLS.
01:00	01:45	0.75	P	STG15	73	WOOWO	STANDBY FOR ADJACENT WELL OPS.
01:45	04:00	2.25	P	STG15	35	STIM	FRAC STAGE # 15 SLICKWATER - SICP 2,173. PUMP 30 BBLS 15% ACID. PUMP 190 BBLS 15% VISC ACID PUMP 279,960 LBS 100 MESH @ .5 - 2.5 PPA; PUMP 96,600 LBS 40/70 @ 1.0 - 2.5 PPA. TOTAL FLUSH 308 BBL. ATP 4,941 ATR 75.6 MTP 5,782 MTR 90.6. FISIP 3,393.FG 0.95. TCF 7029 BBLS
04:00	05:30	1.50	P	STG16	21	PERF	WL STAGE # 16. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 6,152'. SET PLUG @ 11,765'. PU AND PERF ON THE FLY AT 11,595' - 11,750' O/A. POOH, LD GUNS. ALL SHOTS FIRED. PUMPED 340 BBLS.
05:30	06:00	0.50	P	STG16	18	OTHR	GREASE AND RE-TORQUE FRAC STACK AND ZIPPER MANIFOLD. NOTE: 5:30 AM HELD SAFETY MEETING, REVIEW ALL ASSOCIATED JSA'S. TALKED ABOUT H.E.L.P. AND STOP WORK RESPOSIBILITY.

Daily Operations Comments:

NO INJURIES, SPILLS OR OFFICIAL VISITS.

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
	/		Pit Temp:					
12.250	1,027.17 / 1,027.17		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 4114CH/00

Country: USA
State: TEXAS
Field: SALT DRAW
Supervisors: M.DEGOLLADO / R. SPAIN / H. VELA / D. HAMM
Engineer/Manager: SCHMELTZ, PETER / GRUBB, ALLEN

Report Number: 016
Report Date: 09/01/2016
Spud Date: 07/14/2016
Release Date:
DOE: 16 DOL: 16 AFE Days: 7.00
Last BOP T.: CSG Test:

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat: 31° 0' 51.00480 N
Long: 101° 8' 2.58871 W

API #: 4210542327
Rig:
Rig Phone:
KB(ft): 2,647.01
POB: 128 Manhours: 554.00

Current Activity: WELL SHUT IN. DOING PUMP MAINTENANCE.

24 Hr Summary: COMPLETE FRAC STAGE 16; WL STAGES 17. PUMPED 271,740 # 100 MESH, 97,300 # 40/70 MESH & 7,678 BBLS SLICKWATER.

24 Hr Forecast: SUSPEND OPERATIONS. MOVE OVER TO C AND D WELLS.

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	07:00	1.00	P	STG16	35	STIM	FINISH GREASE AND TORQUE WELL HEAD
07:00	09:00	2.00	P	STG16	35	STIM	FRAC STAGE # 16 SLICKWATER - SICP 2,218. PUMP 30 BBLS 15% ACID. PUMP 190 BBLS 15% VISC ACID PUMP 281,740 LBS 100 MESH @ .5 - 2.5 PPA; PUMP 97,300 LBS 40/70 @ 1.0 - 2.5 PPA. TOTAL FLUSH 304 BBL. ATP 5,019 ATR 74.0 MTP 6,470 MTR 89.9. FISIP 3,213.FG 0.92. TCF 7,364 BBLS
09:00	11:00	2.00	P	STG17	21	PERF	WL STAGE #17. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 6,152'. SET PLUG @ 11,578'. PU AND PERF ON THE FLY AT 11,408' - 11,563' O/A. POOH, LD GUNS. ALL SHOTS FIRED. PUMPED 314 BBLS.
11:00	11:30	0.50	P	STG17	18	OTHR	SHUT WELL IN. ALL SECURE
11:30	18:00	6.50	P	STG17	73	WOOWO	WAITING ON OTHER WELL OPERATIONS
18:00	06:00	12.00	P	STG17	09	EQRP	PUMP MAINTENANCE.

Daily Operations Comments:

NO INJURIES, SPILLS OR OFFICIAL VISITS.

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:					
	/		Density:					
12.250	1,027.17 / 1,027.17		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 4114CH/00

Country: USA
State: TEXAS
Field: SALT DRAW
Supervisors: M.DEGOLLADO / G.ALLGOOD/ B.MITCHELL / R.
Engineer/Manager: SCHMELTZ, PETER / GRUBB, ALLEN

Report Number: 017
Report Date: 09/23/2016
Spud Date: 07/14/2016
Release Date:
DOE: 38 DOL: 17 AFE Days: 7.00
Last BOP T.: CSG Test:

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat: 31° 0' 51.00480 N
Long: 101° 8' 2.58871 W

API #:	4210542327
Rig:	
Rig Phone:	
KB(ft):	2,647.01
POB: 128	Manhours: 554.00

Current Activity:	WAITING ON COMPLETION OF FRAC STAGES 13 TO 17 ON WELL 41-14 AH.
24 Hr Summary:	MIRU FRAC, WIRELINE AND FLOWBACK EQUIPMENT. WAITING ON COMPLETION OF FRAC STAGES 13 TO 17 ON WELL 41-14 AH.
24 Hr Forecast:	CONTINUE FRAC OPERATIONS AFTER COMPLETING STAGES #13 TO #17 ON 41-14 AH.

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	18:00	12.00	P	MIRU	01	MIRU	MIRU FRAC, WIRELINE AND FLOWBACK EQUIPMENT
18:00	06:00	12.00	P	STG17	73	WOOWO	WAITING ON FRAC COMPLETIONS OF STAGES 13 TO 17 ON WELL 41-14 AH.

Daily Operations Comments:

NO INJURIES, SPILLS OR OFFICIAL VISITS.

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
12.250	1,027.20 / 1,027.20		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



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

Well Name/Wellbore No.: UNIVERSITY SALT DRAW 4114CH/00

Country: USA
State: TEXAS
Field: SALT DRAW
Supervisors: M.DEGOLLADO / G.ALLGOOD/ B.MITCHELL / R.
Engineer/Manager: SCHMELTZ, PETER / GRUBB, ALLEN

Report Number: 018
Report Date: 09/24/2016
Spud Date: 07/14/2016
Release Date:
DOE: 39 DOL: 18 AFE Days: 7.00
Last BOP T.: CSG Test:

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat: 31° 0' 51.00480 N
Long: 101° 8' 2.58871 W

API #: 4210542327
Rig:
Rig Phone:
KB(ft): 2,647.01
POB: 128 Manhours: 554.00

Current Activity: SCHEDULE REHEAD AND GREASE.

24 Hr Summary: COMPLETE FRAC STAGES 17, 18; WL STAGES 18. PUMPED 562,800 # 100 MESH, 194,560 # 40/70 MESH & 14,583 BBLS SLICKWATER.

24 Hr Forecast: CONTINUE FRAC OPS.

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	18:00	12.00	P	STG17	73	WOOWO	WAITING ON COMPLETIONS OF STAGE #13 TO #17 ON WELL 41-14 AH.
18:00	19:00	1.00	P	STG17	18	OTHR	HOOK UP GAUGES ON 9 5/8" BACKSIDE. WAIT FOR WIRELINE TO GET OFF OF WELL 41-14 AH.
19:00	21:15	2.25	P	STG17	35	STIM	FRAC STAGE # 17 SLICKWATER - SICP 1,408. PUMP 30 BBLS 15% ACID. PUMP 40 BBLS 15% VISC ACID. PUMP 280,460 LBS 100 MESH @ .5 - 2.5 PPA; PUMP 150 BBLS 15% VISC ACID. PUMP 96,880 LBS 40/70 @ 1.0 - 2.5 PPA. TOTAL FLUSH 311 BBL. ATP 4,956 ATR 72.1 MTP 6,014 MTR 91.6. FISIP 3,434.FG 0.95. TCF 7,169 BBLS.
21:15	23:45	2.50	N	STG18	21	PERF	WL STAGE #18. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. NOTE; WHILE RUNNING IN HOLE, NOTICED WIRELINE PERFORATING SHEET HAD 8 GUNS, AND A PLUG DEPTH OF 11,391.CALLED MR PETER SCHMELZ. HE EXPLAINED THAT THE CHANGE HAD BEEN DUE TO CORRELATION DEPTH CHANGE. IT WAS NEVER CONVEYED PROPERLY FROM THE PREVIOUS COMPANY MAN. POOH AND TAKE OFF 1 GUN.
23:45	02:00	2.25	P	STG18	21	PERF	WL STAGE #18. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ 7 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 42 SHOTS. CORRELATE W/ MARKER JT AT 6,111'. SET PLUG @ 11,353'. PU AND PERF ON THE FLY AT 11,354' - 11,221' O/A. POOH, LD GUNS. ALL SHOTS FIRED. PUMPED 308 BBLS
02:00	02:45	0.75	N	STG18	59	EQFAIL	CHANGE OUT FAULTY PUMPS.
02:45	05:00	2.25	P	STG18	35	STIM	FRAC STAGE # 18 SLICKWATER - SICP 1,987 . PUMP 60 BBLS 15% ACID. PUMP 40 BBLS 15% VISC ACID. PUMP 282,340 LBS 100 MESH @ .5 - 2.5 PPA; PUMP 150 BBLS 15% VISC ACID. PUMP 97,680 LBS 40/70 @ 1.0 - 2.5 PPA. TOTAL FLUSH 296 BBL. ATP 5,063 ATR 77.8 MTP 5,951 MTR 91.1. FISIP 3,082.FG 0.90. TCF 7,106 BBLS.
05:00	06:00	1.00	P	STG19	73	WOOWO	SCHEDULE REHEAD.

Daily Operations Comments:

NO INJURIES, SPILLS OR OFFICIAL VISITS.

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:					
	/		Density:					
12.250	1,027.20 / 1,027.20		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: J. GARCIA/ B.MITCHELL / R. VONDENSTEIN / M
Engineer/Manager: SCHMELTZ, PETER / GRUBB, ALLEN

Report Number: 019
Report Date: 09/25/2016
Spud Date: 07/14/2016
Release Date:
DOE: 40 DOL: 19 AFE Days: 7.00
Last BOP T.: CSG Test:

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

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat: 31° 0' 51.00480 N
Long: 101° 8' 2.58871 W

API #: 4210542327
Rig:
Rig Phone:
KB(ft): 2,647.01
POB: 128 Manhours: 554.00

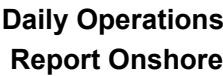
Current Activity:	WAITING ON W/L OPERATIONS ON WELL 41-14 AH.
24 Hr Summary:	COMPLETE FRAC STAGES #19, #20, #21; WL STAGES #19, #20, #21. PUMPED 845,500 # 100 MESH, 290,440 # 40/70 MESH & 21,569 BBLS SLICKWATER.
24 Hr Forecast:	CONTINUE FRAC OPS.

OPERATION DETAILS							
FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:15	08:20	2.08	P	STG19	21	PERF	WL STAGE #19. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ 7 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 6,111'. SET PLUG @ 11,204'. PU AND PERF ON THE FLY AT 11,034' - 11,189' O/A. POOH, LD GUNS. ALL SHOTS FIRED. PUMPED 283 BBLS.
08:20	10:15	1.92	P	STG19	73	WOOWO	WAITING ON A-H FRAC OPS.
10:15	11:25	1.17	P	STG19	18	OTHR	GREASE FRAC STACK.
11:25	13:20	1.92	P	STG19	35	STIM	FRAC STAGE # 19 SLICKWATER - SICP 2,049. PUMP 30 BBLS 15% ACID. PUMP 40 BBLS 15% VISC ACID. PUMP 283,280 LBS 100 MESH @ .5 - 2.5 PPA; PUMP 150 BBLS 15% VISC ACID. PUMP 96,340 LBS 40/70 @ 1.0 - 2.5 PPA. TOTAL FLUSH 299 BBL. ATP 4,958 ATR 75 MTP 7,013 MTR 91.1 FISIP 3,575.FG 0..97. TCF 7,210 BBLS.
13:20	14:00	0.67	P	STG20	18	OTHR	RE-HEAD WIRELINE (KINKS NOTICED JUST ABOVE TOOL STRING FROM PREVIOUS RUN ON AH)
14:00	16:00	2.00	P	STG20	21	PERF	WL STAGE #20. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ 7 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 6,111'. SET PLUG @ 11,017'. PU AND PERF ON THE FLY AT 10,847' - 11,002' O/A. POOH, LD GUNS. ALL SHOTS FIRED. PUMPED 344 BBLS
16:00	17:30	1.50	P	STG20	73	WOOWO	WAITING ON A-H FRAC OPS.
17:30	18:00	0.50	P	STG20	28	SFTYMTG	JSA MEETING.
18:00	20:45	2.75	P	STG20	35	STIM	FRAC STAGE # 20 SLICKWATER - SICP 2,190. PUMP 30 BBLS 15% ACID. PUMP 40 BBLS 15% VISC ACID. PUMP 282,420 LBS 100 MESH @ .5 - 2.5 PPA; PUMP 150 BBLS 15% VISC ACID. PUMP 96,240 LBS 40/70 @ 1.0 - 2.5 PPA. TOTAL FLUSH 287 BBL. ATP 4,870 ATR 77.6 MTP 6,150 MTR 90.9 FISIP 3,046.FG 0.89. TCF 6,993 BBLS.
20:45	00:00	3.25	P	STG21	21	PERF	WL STAGE #21. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 6,111'. SET PLUG @ 10,800'. PU AND PERF ON THE FLY AT 10,660' - 10,815' O/A. POOH, LD GUNS. ALL SHOTS FIRED. PUMPED 264 BBLS.
00:00	02:30	2.50	P	STG21	35	STIM	FRAC STAGE # 21 SLICKWATER - SICP 2,116. PUMP 30 BBLS 15% ACID. PUMP 40 BBLS 15% VISC ACID. PUMP 279,800 LBS 100 MESH @ .5 - 2.5 PPA; PUMP 150 BBLS 15% VISC ACID. PUMP 97,860 LBS 40/70 @ 1.0 - 2.5 PPA. TOTAL FLUSH 285 BBL. ATP 4,892 ATR 77.1 MTP 5,937 MTR 90.5 FISIP 3,432.FG 0.95. TCF 6,740 BBLS.
02:30	06:00	3.50	P	STG22	73	WOOWO	WAITING ON OTHER WELL OPERATIONS. HELD SAFETY STAND DOWN WITH NIGHT AND DAY CREW ON WET MUDDY CONDITIONS, REVIEWED USING HELP IN MUDDY BAD WEATHER CONDITIONS.

Daily Operations Comments:
NO INJURIES, SPILLS OR OFFICIAL VISITS.

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
12.250	1,027.20 / 1,027.20		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



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

Well Name/Wellbore No.: UNIVERSITY SALT DRAW 4114CH/00

Country: USA
State: TEXAS
Field: SALT DRAW
Supervisors: J. GARCIA/ B.MITCHELL / R. VONDENSTEIN / M
Engineer/Manager: SCHMELTZ, PETER / GRUBB, ALLEN

Report Number: 020
Report Date: 09/26/2016
Spud Date: 07/14/2016
Release Date:
DOE: 41 DOL: 20 AFE Days: 7.00
Last BOP T.: CSG Test:

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat: 31° 0' 51.00480 N
Long: 101° 8' 2.58871 W

API #: 4210542327
Rig:
Rig Phone:
KB(ft): 2,647.01
POB: 128 Manhours: 554.00

Current Activity:	FRAC STAGE #24 @ REPORT TIME.
24 Hr Summary:	COMPLETE FRAC STAGES #22, #23; WL STAGES #22, #23, #24. PUMPED 566,680 # 100 MESH, 194,180 # 40/70 MESH & 14,383 BBLS SLICKWATER.
24 Hr Forecast:	CONTINUE FRAC OPS.

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	STG21	28	SFTYMTG	JSA MEETING DISCUSS H.E.I.P, SLIP, TRIPS, FALLS, SLIPPERY AREAS
06:30	16:30	10.00	P	STG21	73	WOOWO	WOOWO
16:30	19:00	2.50	P	STG22	21	PERF	WL STAGE #22. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ PLUG AND GUNS 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 6,111'. SET PLUG @ 10,643'. PU AND PERF ON THE FLY AT 10,473' - 10,630' O/A. POOH, LD GUNS. ALL SHOTS FIRED. PUMPED 250 BBLS
19:00	21:45	2.75	P	STG22	35	STIM	FRAC STAGE # 22 SLICKWATER - SICP 2,022. PUMP 30 BBLS 15% ACID. PUMP 40 BBLS 15% VISC ACID. PUMP 280,100 LBS 100 MESH @ .5 - 2.5 PPA; PUMP 150 BBLS 15% VISC ACID. PUMP 97,200 LBS 40/70 @ 1.0 - 2.5 PPA. TOTAL FLUSH 285 BBL. ATP 4,755 ATR 76.5 MTP 6,066 MTR 91.0 FISIP 3,138.FG 0.91. TCF 6803 BBLS.
21:45	00:00	2.25	P	STG23	21	PERF	WL STAGE #23. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ PLUG AND GUNS 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 6,111'. SET PLUG @ 10,456'. PU AND PERF ON THE FLY AT 10,286' - 10,441' O/A. POOH, LD GUNS. ALL SHOTS FIRED. PUMPED 236 BBLS
00:00	02:15	2.25	P	STG23	35	STIM	FRAC STAGE # 23 SLICKWATER - SICP 2,213. PUMP 60 BBLS 15% ACID. PUMP 40 BBLS 15% VISC ACID. PUMP 286,580 LBS 100 MESH @ .5 - 2.5 PPA; PUMP 150 BBLS 15% VISC ACID. PUMP 96,980 LBS 40/70 @ 1.0 - 2.5 PPA. TOTAL FLUSH 281 BBL. ATP 4,723 ATR 75.4 MTP 5,819 MTR 91.4 FISIP 2,899.FG 0.87. TCF 6873 BBLS.
02:15	00:00		P	STG24	21	PERF	WL STAGE #24. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ PLUG AND GUNS 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 6,111'. SET PLUG @ 10,269'. PU AND PERF ON THE FLY AT 10,254' - 10,099' O/A. POOH, LD GUNS. ALL SHOTS FIRED. PUMPED 221 BBLS.

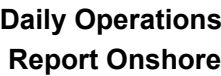
Daily Operations Comments:

NO INJURIES, SPILLS OR OFFICIAL VISITS.

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:					
	/		Density:					
12.250	1,027.20 / 1,027.20		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: J. GARCIA/ B.MITCHELL / R. VONDENSTEIN / M
Engineer/Manager: SCHMELTZ, PETER / GRUBB, ALLEN

Report Number: 021
Report Date: 09/27/2016
Spud Date: 07/14/2016
Release Date:
DOE: 42 DOL: 21 AFE Days: 7.00
Last BOP T.: CSG Test:

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

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat: 31° 0' 51.00480 N
Long: 101° 8' 2.58871 W

API #: 4210542327
Rig:
Rig Phone:
KB(ft): 2,647.01
POB: 128 Manhours: 554.00

Current Activity: FRAC STAGE #28 @ REPORT TIME.
24 Hr Summary: COMPLETE FRAC STAGES #24, #25, #26, #27; WL STAGES #25, #26, #27, #28. PUMPED 1,144,240 # 100 MESH, 387,380 # 40/70 MESH & 28,847 BBLs SLICKWATER.
24 Hr Forecast: CONTINUE FRAC OPS.

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	07:35	1.58	P	STG24	35	STIM	FRAC STAGE # 24 SLICKWATER - SICP 2,102. PUMP 30 BBLS 15% ACID. PUMP 40 BBLS 15% VISC ACID. PUMP 284,020 LBS 100 MESH @ .5 - 2.5 PPA; PUMP 150 BBLS 15% VISC ACID. PUMP 97,320 LBS 40/70 @ 1.0 - 2.5 PPA. TOTAL FLUSH 277 BBL. ATP 4,767 ATR 76.5 MTP 5,899 MTR 91.5 FISIP 3,521.FG 0.97. TCF 7,095 BBLS.
07:35	10:00	2.42	P	STG25	21	PERF	WL STAGE #25. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ PLUG AND GUNS 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 6,111'. SET PLUG @ 10,082'. PU AND PERF ON THE FLY AT 9,912' - 10,067' O/A. POOH, LD GUNS. ALL SHOTS FIRED. PUMPED 227 BBLS.
10:00	11:36	1.60	P	STG25	18	OTHR	RE-HEAD WIRELINE
11:36	13:25	1.82	P	STG25	35	STIM	FRAC STAGE # 25 SLICKWATER - SICP 2,142. PUMP 30 BBLS 15% ACID. PUMP 40 BBLS 15% VISC ACID. PUMP 285,120 LBS 100 MESH @ .5 - 2.5 PPA; PUMP 150 BBLS 15% VISC ACID. PUMP 96,820 LBS 40/70 @ 1.0 - 2.5 PPA. TOTAL FLUSH 267 BBL. ATP 4,715 ATR 76.8 MTP 5,854 MTR 90.9 FISIP 3,459.FG 0.96. TCF 7,082 BBLS.
13:25	16:07	2.70	P	STG26	21	PERF	WL STAGE #26. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ PLUG AND GUNS 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 6,111'. SET PLUG @ 9,895'. PU AND PERF ON THE FLY AT 9,725' - 9,882' O/A. POOH, LD GUNS. ALL SHOTS FIRED. PUMPED 224 BBLS.
16:07	18:45	2.63	P	STG26	35	STIM	FRAC STAGE # 26 SLICKWATER - SICP 2,156. PUMP 30 BBLS 15% ACID. PUMP 40 BBLS 15% VISC ACID. PUMP 287,380 LBS 100 MESH @ .5 - 2.5 PPA; PUMP 150 BBLS 15% VISC ACID. PUMP 96,000 LBS 40/70 @ 1.0 - 2.5 PPA. TOTAL FLUSH 277 BBL. ATP 4,825 ATR 73.9 MTP 5,951 MTR 91.2 FISIP 3,405.FG 0.95. TCF 6770 BBLS.
18:45	21:30	2.75	P	STG27	21	PERF	WL STAGE #27. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ PLUG AND GUNS 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 6,111'. SET PLUG @ 9,708'. PU AND PERF ON THE FLY AT 9,538' - 9,693' O/A. POOH, LD GUNS. ALL SHOTS FIRED. PUMPED 224 BBLS.
21:30	00:00	2.50	P	STG27	35	STIM	FRAC STAGE # 27 SLICKWATER - SICP 2,335. PUMP 30 BBLS 15% ACID. PUMP 40 BBLS 15% VISC ACID. PUMP 287,720 LBS 100 MESH @ .5 - 2.5 PPA; PUMP 150 BBLS 15% VISC ACID. PUMP 97,240 LBS 40/70 @ 1.0 - 2.5 PPA. TOTAL FLUSH 259 BBL. ATP 4,813 ATR 73.4 MTP 6,632 MTR 90.7 FISIP 3,398.FG 0.95. TCF 6,841 BBLS.
00:00	03:00	3.00	P	STG28	21	PERF	WL STAGE #28. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ PLUG AND GUNS 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 6,111'. SET PLUG @ 9,521'. PU AND PERF ON THE FLY AT 9,354' - 9,506' O/A. POOH, LD GUNS. ALL SHOTS FIRED. PUMPED 185 BBLS.
03:00	04:30	1.50	P	STG28	18	OTHR	SCHEDULE REHEAD, GREASE AND TORQUE STACKS.
04:30	06:00	1.50	P	STG28	35	STIM	FRAC STAGE #28 @ REPORT TIME.

Daily Operations Comments:

NO INJURIES, SPILLS OR OFFICIAL VISITS.

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
12.250	1,027.20 / 1,027.20		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: J. GARCIA/ B.MITCHELL / R. VONDENSTEIN / M
Engineer/Manager: SCHMELTZ, PETER / GRUBB, ALLEN

Report Number: 022
Report Date: 09/28/2016
Spud Date: 07/14/2016
Release Date:
DOE: 43 DOL: 22 AFE Days: 7.00
Last BOP T.: CSG Test:

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

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat: 31° 0' 51.00480 N
Long: 101° 8' 2.58871 W

API #: 4210542327
Rig:
Rig Phone:
KB(ft): 2,647.01
POB: 128 Manhours: 554.00

Current Activity: FRAC STAGE #32 @ REPORT TIME.
24 Hr Summary: COMPLETE FRAC STAGES #28, #29, #30, #31; WL STAGES #29, #30, #31, #32. PUMPED 1,135,880 # 100 MESH, 388,180 # 40/70 MESH & 29,404 BBLs SLICKWATER.
24 Hr Forecast: CONTINUE FRAC OPS.

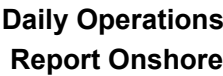
OPERATION DETAILS

Daily Operations Comments: NO INJURIES, SPILLS OR OFFICIAL VISITS.
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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
	/		Pit Temp:					
12.250	1,027.20 / 1,027.20		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: J. GARCIA/ B.MITCHELL / R. VONDENSTEIN / M
Engineer/Manager: SCHMELTZ, PETER / GRUBB, ALLEN

Report Number: 023
Report Date: 09/29/2016
Spud Date: 07/14/2016
Release Date:
DOE: 44 DOL: 23 AFE Days: 7.00
Last BOP T.: CSG Test:

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

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat: 31° 0' 51.00480 N
Long: 101° 8' 2.58871 W

API #: 4210542327
Rig:
Rig Phone:
KB(ft): 2,647.01
POB: 128 Manhours: 554.00

Current Activity: FRAC STAGE #36 @ REPORT TIME.
24 Hr Summary: COMPLETE FRAC STAGES #32, #33, #34, #35; WL STAGES #33, #34, #35, #36. PUMPED 1,132,120 # 100 MESH, 387,960 # 40/70 MESH & 27,760 BBLs SLICKWATER.
24 Hr Forecast: CONTINUE FRAC OPS.

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	07:00	1.00	P	STG32	18	OTHR	REGEN BLENDER
07:00	09:00	2.00	P	STG32	35	STIM	FRAC STAGE # 32 SLICKWATER - SICP 2,117. PUMP 30 BBLS 15% ACID. PUMP 40 BBLS 15% VISC ACID. PUMP 283,920 LBS 100 MESH @ .5 - 2.5 PPA; PUMP 150 BBLS 15% VISC ACID. PUMP 97,720 LBS 40/70 @ 1.0 - 2.5 PPA. TOTAL FLUSH 240 BBL. ATP 4,488 ATR 76.0 MTP 6,206 MTR 90.5 FISIP 3,287.FG 0.93. TCF 6,909 BBLS.
09:00	09:30	0.50	P	STG33	18	OTHR	SWAPPING WELLS
09:30	10:30	1.00	P	STG33	21	PERF	WL STAGE #33. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ PLUG AND GUNS 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 6,111'. SET PLUG @ 8,586'. PU AND PERF ON THE FLY AT 8,416' - 8,571' O/A. POOH, LD GUNS. ALL SHOTS FIRED. PUMPED 126 BBLS.
10:30	11:30	1.00	P	STG33	18	OTHR	WL @ 200'
11:30	12:15	0.75	P	STG33	18	OTHR	SWAPPING WELLS
12:15	14:05	1.83	P	STG33	35	STIM	FRAC STAGE # 33 SLICKWATER - SICP 2,139. PUMP 30 BBLS 15% ACID. PUMP 40 BBLS 15% VISC ACID. PUMP 279,100 LBS 100 MESH @ .5 - 2.5 PPA; PUMP 150 BBLS 15% VISC ACID. PUMP 96,000 LBS 40/70 @ 1.0 - 2.5 PPA. TOTAL FLUSH 233 BBL. ATP 4,351 ATR 73.8 MTP 6,833 MTR 90.3 FISIP 3,496.FG 0.96. TCF 6,901 BBLS.
14:05	15:05	1.00	P	STG34	18	OTHR	SWAPPING WELLS, RE-HEAD WIRELINE, GREASED ZIPPER MANIFOLD
15:05	16:15	1.17	P	STG34	21	PERF	WL STAGE #34. RU WL ON WELL. TEST WLPCE TO 8000 PSI. REPLACE RING GASKET IN FLOWBACK IRON, RETEST, GOOD TEST. RIH W/ PLUG AND GUNS 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 6,111'. SET PLUG @ 8,399'. PU AND PERF ON THE FLY AT 8,229' - 8,384' O/A. POOH, LD GUNS. ALL SHOTS FIRED. PUMPED 112 BBLS.
16:15	17:15	1.00	P	STG34	18	OTHR	WL @ 200'
17:15	17:30	0.25	P	STG34	18	OTHR	SWAPPING WELLS
17:30	18:00	0.50	P	STG34	28	SFTYMTG	SAFETY MEETING, H.E.L.P
18:00	20:15	2.25	P	STG34	35	STIM	FRAC STAGE # 34 SLICKWATER - SICP 2,169. PUMP 30 BBLS 15% ACID. PUMP 40 BBLS 15% VISC ACID. PUMP 287,380 LBS 100 MESH @ .5 - 2.5 PPA; PUMP 150 BBLS 15% VISC ACID. PUMP 97,000 LBS 40/70 @ 1.0 - 2.5 PPA. TOTAL FLUSH 234 BBL. ATP 4,471 ATR 73.7 MTP 5,833 MTR 90.7 FISIP 3,462.FG 0.96. TCF 6,777 BBLS.
20:15	23:00	2.75	P	STG35	21	PERF	WL STAGE #35. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ PLUG AND GUNS 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 6,111'. SET PLUG @ 8,212'. PU AND PERF ON THE FLY AT 8,197' - 8,042' O/A. POOH, LD GUNS. ALL SHOTS FIRED. PUMPED 115 BBLS.
23:00	23:30	0.50	P	STG35	18	OTHR	SCHEDULED STACK GREASE.
23:30	02:00	2.50	P	STG35	35	STIM	FRAC STAGE # 35 SLICKWATER - SICP 2,094. PUMP 30 BBLS 15% ACID. SWEEP. PUMP 40 BBLS 15% VISC ACID. SWEEP. PUMP 281,720 LBS 100 MESH @ .5 - 2.5 PPA; PUMP 150 BBLS 15% VISC ACID. SWEEP. PUMP 97,240 LBS 40/70 @ 1.0 - 2.5 PPA. TOTAL FLUSH 221 BBL. ATP 4,844 ATR 72.7 MTP 7,556 MTR 91.6 FISIP 3,407.FG 0.95. TCF 6573 BBLS.
02:00	04:40	2.67	P	STG36	21	PERF	WL STAGE #36. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ PLUG AND GUNS 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 6,111'. SET PLUG @ 8,025'. PU AND PERF ON THE FLY AT 7,855' - 8,010' O/A. POOH, LD GUNS. ALL SHOTS FIRED. PUMPED 105 BBLS.
04:40	06:00	1.33	P	STG36	35	STIM	FRAC STAGE #36 @ REPORT TIME.

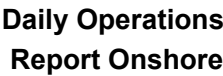
Daily Operations Comments:

NO INJURIES, SPILLS OR OFFICIAL VISITS.

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
12.250	1,027.20 / 1,027.20		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



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

Well Name/Wellbore No.: UNIVERSITY SALT DRAW 4114CH/00

Country: USA
State: TEXAS
Field: SALT DRAW
Supervisors: J. GARCIA/ B.MITCHELL / R. VONDENSTEIN / M
Engineer/Manager: SCHMELTZ, PETER / GRUBB, ALLEN

Report Number: 024
Report Date: 09/30/2016
Spud Date: 07/14/2016
Release Date:
DOE: 45 DOL: 24 AFE Days: 7.00
Last BOP T.: CSG Test:

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat: 31° 0' 51.00480 N
Long: 101° 8' 2.58871 W

API #: 4210542327
Rig:
Rig Phone:
KB(ft): 2,647.01
POB: 152 Manhours: 548.00

Current Activity: PERFORATE STAGE #41 AT REPORT TIME.
24 Hr Summary: COMPLETE FRAC STAGES #36, #37, #38, #39, #40; WL STAGES #37, #38, #39, #40. PUMPED # 100 MESH, # 40/70 MESH & BBLS SLICKWATER.
24 Hr Forecast: CONTINUE FRAC OPS.

OPERATION DETAILS

Daily Operations Comments:

NO INJURIES, SPILLS OR OFFICIAL VISITS.

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
	/		Pit Temp:					
12.250	1,027.20 / 1,027.20		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 4114CH/00

Country: USA
State: TEXAS
Field: SALT DRAW
Supervisors: M. DEGOLLADO / B. MITCHELL / R. VONDENSTEIN
Engineer/Manager: SCHMELTZ, PETER / GRUBB, ALLEN

Report Number: 025
Report Date: 10/01/2016
Spud Date: 07/14/2016
Release Date:
DOE: 46 DOL: 25 AFE Days: 7.00
Last BOP T.: CSG Test:

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat: 31° 0' 51.00480 N
Long: 101° 8' 2.58871 W

API #: 4210542327
Rig:
Rig Phone:
KB(ft): 2,647.01
POB: 151 Manhours: 542.00

Current Activity: RIGGING DOWN.

24 Hr Summary: COMPLETE FRAC STAGES #41; WL STAGE #41. PUMPED 291,640 # 100 MESH, 408,000 # 40/70 MESH & 7,050 BBLS SLICKWATER.

24 Hr Forecast: FINISH RIGGING DOWN.

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	08:00	2.00	P	STG41	21	PERF	WL STAGE #41. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ PLUG AND GUNS 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 6,111'. SET PLUG @ 7,090'. PU AND PERF ON THE FLY AT 6,920' - 7,075' O/A. POOH, LD GUNS. ALL SHOTS FIRED. PUMPED 51 BBLS.
08:00	11:00	3.00	N	STG41	42	WOEP	WAITING ON SAND 4 TRUCKS 100 MESH
11:00	13:00	2.00	P	STG41	35	STIM	FRAC STAGE # 41 SLICKWATER - SICP 2,085. PUMP 30 BBLS 15% ACID. SWEEP. PUMP 40 BBLS 15% VISC ACID. SWEEP. PUMP 291,640 LBS 100 MESH @ .5 - 2.5 PPA; PUMP 150 BBLS 15% VISC ACID. SWEEP. PUMP 102,000 LBS 40/70 @ 1.0 - 2.5 PPA. TOTAL FLUSH 141 BBL. ATP 3,965 ATR 73.2 MTP 5,486 MTR 89.8 FISIP 3,054.FG 0.89. TCF 6,999 BBLS
13:00	16:00	3.00	P	WLWORK	26	SETC	RU WL. RIH AND SET CBP FOR KILL PLUG AT 6,140'. PRESSURE TEST TO 7000 PSI FOR 10 MINUTES. GOOD TEST. BD PRESSURE TO 0 PSI. POH TO SURFACE AND STAND BY FOR FRAC OPERATIONS ON THE "AH" WELL.
16:00	16:00	0.00	P	WLWORK	73	WOOWO	WAITING FOR "AH" FRAC OPERATIONS. MONITOR WELL - NO BUILD-UP; PLUG HOLDING (BARRIER #1)
16:00	18:00	2.00	P	WLWORK	73	WOOWO	SI LMGV (BARRIER #2). RD WL OFF WELL. SI UMGV & HCR MASTER VALVE. WELL SECURE. BH OPERATIONS COMPLETE 9/30/2016 @ 1800 HRS
18:00	06:00	12.00	P	RDMO	02	RDMO	RIG DOWN AND MOVE OUT EQUIPMENT.

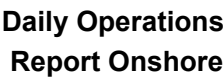
Daily Operations Comments:

NO INJURIES, SPILLS OR OFFICIAL VISITS.

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:					
	/		Density:					
12.250	1,027.20 / 1,027.20		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 4114CH/00

Country: USA
State: TEXAS
Field: SALT DRAW
Supervisors: M. DEGOLLADO / B.BROUSSARD
Engineer/Manager: SCHMELTZ, PETER / GRUBB, ALLEN

Report Number: 026
Report Date: 10/02/2016
Spud Date: 07/14/2016
Release Date:
DOE: 47 DOL: 26 AFE Days: 7.00
Last BOP T.: CSG Test:

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat: 31° 0' 51.00480 N
Long: 101° 8' 2.58871 W

API #: 4210542327
Rig:
Rig Phone:
KB(ft): 2,647.01
POB: 151 Manhours: 542.00

Current Activity: MOVE IN WORKOVER UNITS.
24 Hr Summary: FINISH MOVING OUT EQUIPMENT.
24 Hr Forecast: FINISH RIGGING DOWN.

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	RDMO	28	SFTYMTG	CONDUCTED SAFETY MEETING WITHN SPARTAN,LSE CRANES,YELLOW JACKET AND THIRD PARTY HOTSHOT DRIVERS.
06:30	11:30	5.00	P	RDMO	02	RDMO	SPARTAN HOT SHOT BEING LOADED WITH FRAC STACKS ; FTSI AND SPEERHEAD DOING HOUSE KEEPING ON LOC.
11:30	14:00	2.50	P	RDMO	02	RDMO	FTSI HOTSHOT ON LOC. PICKING UP ISO AND FR TANKS; SPARTAN WAITING ON ONE MORE TRUCK
14:00	18:00	4.00	P	RDMO	02	RDMO	VAC TRUCKS ON LOC. TRANSFERRING FREASH WATER FROM FRAC TANKS FOR DRILL OUT OPPS.
18:00	20:00	2.00	P	RDMO	02	RDMO	CLEAN OUT OPEN TOP TANKS.
20:00	06:00	10.00	P	RDMO	02	RDMO	SHUT DOWN FOR NIGHT.

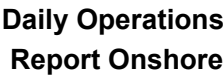
Daily Operations Comments:

NO INJURIES, SPILLS OR OFFICIAL VISITS.

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:					
	/		Density:					
12.250	1,027.20 / 1,027.20		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 4114CH/00

Country: USA
State: TEXAS
Field: SALT DRAW
Supervisors: DJ GOSS/M. DEGOLLADO / B.BROUSSARD
Engineer/Manager: SCHMELTZ, PETER / GRUBB, ALLEN

Report Number: 027
Report Date: 10/09/2016
Spud Date: 07/14/2016
Release Date:
DOE: 54 DOL: 27 AFE Days: 7.00
Last BOP T.: CSG Test:

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat: 31° 0' 51.00480 N
Long: 101° 8' 2.58871 W

API #:	4210542327
Rig:	
Rig Phone:	
KB(ft):	2,647.01
POB: 0	Manhours: 0.00

Current Activity: PICKING UP WORKSTRING.
24 Hr Summary: MIRU. TEST BOP'S. PICK UP AND GO IN HOLE WITH MOTOR ASSEMBLY.
24 Hr Forecast: DRILL PLUGS

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	18:00	12.00	P	WOR	73	WOOWO	WORKING ON ADJACENT WELL.
18:00	02:00	8.00	P	WOR	16	NUND	MIRU WORKOVER UNIT. NIPPLE UP BOP'S. PULL FRAC BUSHING. TEST BOP'S 250/5,000 PSI.
02:00	06:00	4.00	P	WOR	24	PULD	MAKE UP AND FUNCTION TEST M0TOR ASSEMBLY. GO IN HOLE PICKING UP 2 7/8" WORKSTRING.

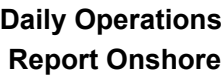
Daily Operations Comments:

NO INJURIES, SPILLS OR OFFICIAL VISITS.

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
	/		Pit Temp:					
12.250	1,027.20 / 1,027.20		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
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****Data shared on this report is CONFIDENTIAL****

Well Name/Wellbore No.: UNIVERSITY SALT DRAW 4114CH/00

Country: USA
State: TEXAS
Field: SALT DRAW
Supervisors: DJ GOSS / B.BROUSSARD
Engineer/Manager: SCHMELTZ, PETER / GRUBB, ALLEN

Report Number: 028
Report Date: 10/10/2016
Spud Date: 07/14/2016
Release Date:
DOE: 55 DOL: 28 AFE Days: 7.00
Last BOP T.: CSG Test:

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat: 31° 0' 51.00480 N
Long: 101° 8' 2.58871 W

API #:	4210542327
Rig:	
Rig Phone:	
KB(ft):	2,647.01
POB: 0	Manhours: 0.00

Current Activity: DRILLING ON PLUG
24 Hr Summary: DRILL KILL PLUG, DRILL PLUGS 1-21
24 Hr Forecast: DRILL PLUGS

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	07:00	1.00	P	WOR	28	SFTYMTG	HSM DISCUSSED SPEED LIMITS, RANCH RULES AND HELP
07:00	13:00	6.00	P	WOR	39	TRIP	CONT TIH WITH DRILL STRING
13:00	15:30	2.50	P	WOR	40	WASH	TAG KILL PLUG @ 6,140, HELD 500 PSI BACK PRESSURE, DRILL TIME 11, CONT TIH TO NEXT PLUG
15:30	06:00	14.50	P	WOR	40	WASH	<p>WASH/DRILL TO #1 CFP @ 7,089'(TM). DRILL UP IN 6 MIN. CIRC RATE: 5 BPM @ 2,400 PSI. R/R: 5 BPM @ 300 PSI. CIRC 5 BBL GEL SWEEP W/ 2% KCL & BIOCID.</p> <p>WASH/DRILL TO #2 CFP @ 7,275'(TM). DRILL UP IN 11 MIN. CIRC RATE: 5 BPM @ 2,400 PSI. R/R: 5 BPM @ 250 PSI. CIRC 5 BBL GEL SWEEP W/ 2% KCL & BIOCID.</p> <p>WASH/DRILL TO #3 CFP @ 7,458'(TM). DRILL UP IN 7 MIN. CIRC RATE: 5 BPM @ 2,400 PSI. R/R: 5 BPM @ 300 PSI. CIRC 5 BBL GEL SWEEP W/ 2% KCL & BIOCID.</p> <p>WASH/DRILL TO #4 CFP @ 7,649'(TM). DRILL UP IN 7 MIN. CIRC RATE: 5 BPM @ 2,400 PSI. R/R: 5 BPM @ 300 PSI. CIRC 5 BBL GEL SWEEP W/ 2% KCL & BIOCID.</p> <p>WASH/DRILL TO #5 CFP @ 7,835'(TM). DRILL UP IN 7 MIN. CIRC RATE: 5 BPM @ 2,400 PSI. R/R: 5 BPM @ 300 PSI. CIRC 10 BBL GEL SWEEP W/ 2% KCL & BIOCID.</p> <p>WASH/DRILL TO #6 CFP @ 8,022'(TM). DRILL UP IN 7 MIN. CIRC RATE: 5 BPM @ 2,600 PSI. R/R: 5 BPM @ 300 PSI. CIRC 0 BBL GEL SWEEP W/ 2% KCL & BIOCID.</p> <p>WASH/DRILL TO #7 CFP @ 8,210'(TM). DRILL UP IN 5 MIN. CIRC RATE: 5 BPM @ 2,600 PSI. R/R: 5 BPM @ 300 PSI. CIRC 0 BBL GEL SWEEP W/ 2% KCL & BIOCID.</p> <p>WASH/DRILL TO #8 CFP @ 8,398'(TM). DRILL UP IN 5 MIN. CIRC RATE: 5 BPM @ 2,600 PSI. R/R: 5 BPM @ 300 PSI. CIRC 0 BBL GEL SWEEP W/ 2% KCL & BIOCID.</p> <p>WASH/DRILL TO #9 CFP @ 8,548'(TM). DRILL UP IN 5 MIN. CIRC RATE: 5 BPM @ 2,600 PSI. R/R: 5 BPM @ 300 PSI. CIRC 10 BBL GEL SWEEP W/ 2% KCL & BIOCID.</p> <p>WASH/DRILL TO #10 CFP @ 8,775'(TM). DRILL UP IN 6 MIN. CIRC RATE: 5 BPM @ 2,600 PSI. R/R: 5 BPM @ 300 PSI. CIRC 0 BBL GEL SWEEP W/ 2% KCL & BIOCID.</p> <p>WASH/DRILL TO #11 CFP @ 8,960'(TM). DRILL UP IN 5 MIN. CIRC RATE: 5 BPM @ 2,600 PSI. R/R: 5 BPM @ 300 PSI. CIRC 0 BBL GEL SWEEP W/ 2% KCL & BIOCID.</p> <p>WASH/DRILL TO #12 CFP @ 9,147'(TM). DRILL UP IN 7 MIN. CIRC RATE: 5 BPM @ 2,600 PSI. R/R: 5 BPM @ 300 PSI. CIRC 0 BBL GEL SWEEP W/ 2% KCL & BIOCID.</p> <p>WASH/DRILL TO #13 CFP @ 9,334'(TM). DRILL UP IN 5 MIN. CIRC RATE: 5 BPM @ 2,600 PSI. R/R: 5 BPM @ 300 PSI. CIRC 10 BBL GEL SWEEP W/ 2% KCL & BIOCID.</p> <p>WASH/DRILL TO #14 CFP @ 9,521'(TM). DRILL UP IN 5 MIN. CIRC RATE: 5 BPM @ 2,600 PSI. R/R: 5 BPM @ 300 PSI. CIRC 0 BBL GEL SWEEP W/ 2% KCL & BIOCID.</p> <p>WASH/DRILL TO #15 CFP @ 9,707'(TM). DRILL UP IN 7 MIN. CIRC RATE: 5 BPM @ 2,600 PSI. R/R: 5 BPM @ 300 PSI. CIRC 0 BBL GEL SWEEP W/ 2% KCL & BIOCID.</p> <p>WASH/DRILL TO #16 CFP @ 9,894'(TM). DRILL UP IN 6 MIN. CIRC RATE: 5 BPM @ 2,600 PSI. R/R: 5 BPM @ 300 PSI. CIRC 0 BBL GEL SWEEP W/ 2% KCL & BIOCID.</p> <p>WASH/DRILL TO #17 CFP @ 10,080'(TM). DRILL UP IN 6 MIN. CIRC RATE: 5 BPM @ 2,600 PSI. R/R: 5 BPM @ 300 PSI. CIRC 10 BBL GEL SWEEP W/ 2% KCL & BIOCID.</p> <p>WASH/DRILL TO #18 CFP @ 10,268'(TM). DRILL UP IN 3 MIN. CIRC RATE: 5 BPM @ 2,900 PSI. R/R: 5 BPM @ 350 PSI. CIRC 0 BBL GEL SWEEP W/ 2% KCL & BIOCID.</p> <p>WASH/DRILL TO #19 CFP @ 10,455'(TM). DRILL UP IN 5 MIN. CIRC RATE: 5 BPM @ 3,200 PSI. R/R: 5 BPM @ 350 PSI. CIRC 0 BBL GEL SWEEP W/ 2% KCL & BIOCID.</p> <p>WASH/DRILL TO #20 CFP @ 10,642'(TM). DRILL UP IN 4 MIN. CIRC RATE: 5 BPM @ 3,200 PSI. R/R: 5 BPM @ 350 PSI. CIRC 0 BBL GEL SWEEP W/ 2% KCL & BIOCID.</p> <p>WASH/DRILL TO #21 CFP @ 10,800'(TM). DRILL UP IN 5 MIN. CIRC RATE: 5 BPM @ 3,200 PSI. R/R: 5 BPM @ 350 PSI. CIRC 10 BBL GEL SWEEP W/ 2% KCL & BIOCID.</p>

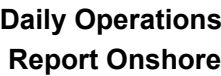
Daily Operations Comments:

NO INJURIES, SPILLS OR OFFICIAL VISITS.

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
12.250	1,027.20 / 1,027.20		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
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****Data shared on this report is CONFIDENTIAL****

Well Name/Wellbore No.: UNIVERSITY SALT DRAW 4114CH/00

Country: USA
State: TEXAS
Field: SALT DRAW
Supervisors: DJ GOSS / B.BROUSSARD
Engineer/Manager: SCHMELTZ, PETER / GRUBB, ALLEN

Report Number: 029
Report Date: 10/11/2016
Spud Date: 07/14/2016
Release Date:
DOE: 56 DOL: 29 AFE Days: 7.00
Last BOP T.: CSG Test:

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat: 31° 0' 51.00480 N
Long: 101° 8' 2.58871 W

API #:	4210542327
Rig:	
Rig Phone:	
KB(ft):	2,647.01
POB: 0	Manhours: 0.00

Current Activity:	P.O.O.H.
24 Hr Summary:	FINISH DRILLING PLUGS
24 Hr Forecast:	SET PACKER. RUN COMPLETION STRING.

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:40	0.67	P	WOR	28	SFTYMTG	HSM, DISCUSSED SPOTTERS WHILE BACKING, SAFTEY HARNESSSES, AND HELP
06:40	22:00	15.33	P	WOR	40	WASH	<p>WASH/DRILL TO #22 CFP @ 11,009'(TM). DRILL UP IN 11 MIN. CIRC RATE: 5 BPM @ 3,400 PSI. R/R: 5 BPM @ 3,00 PSI. CIRC 5 BBL GEL SWEEP W/ 2% KCL & BIOCID.</p> <p>WASH/DRILL TO #23 CFP @ 11,203'(TM). DRILL UP IN 12 MIN. CIRC RATE: 5 BPM @ 3,400 PSI. R/R: 5 BPM @ 3,00 PSI. CIRC 5 BBL GEL SWEEP W/ 2% KCL & BIOCID.</p> <p>WASH/DRILL TO #24 CFP @ 11,355'(TM). DRILL UP IN 10 MIN. CIRC RATE: 5 BPM @ 3,400 PSI. R/R: 5 BPM @ 3,00 PSI. CIRC 5 BBL GEL SWEEP W/ 2% KCL & BIOCID.</p> <p>WASH/DRILL TO #25 CFP @ 11,569'(TM). DRILL UP IN 12 MIN. CIRC RATE: 5 BPM @ 3,400 PSI. R/R: 5 BPM @ 3,00 PSI. CIRC 5 BBL GEL SWEEP W/ 2% KCL & BIOCID.</p> <p>WASH/DRILL TO #26 CFP @ 11,750'(TM). DRILL UP IN 9 MIN. CIRC RATE: 5 BPM @ 3,400 PSI. R/R: 5 BPM @ 3,00 PSI. CIRC 5 BBL GEL SWEEP W/ 2% KCL & BIOCID.</p> <p>WASH/DRILL TO #27 CFP @ 11,941'(TM). DRILL UP IN 10 MIN. CIRC RATE: 5 BPM @ 3,400 PSI. R/R: 5 BPM @ 3,00 PSI. CIRC 5 BBL GEL SWEEP W/ 2% KCL & BIOCID.</p> <p>WASH/DRILL TO #28 CFP @ 12,094'(TM). DRILL UP IN 12 MIN. CIRC RATE: 5 BPM @ 3,400 PSI. R/R: 5 BPM @ 3,00 PSI. CIRC 5 BBL GEL SWEEP W/ 2% KCL & BIOCID.</p> <p>WASH/DRILL TO #29 CFP @ 12,280'(TM). DRILL UP IN 11 MIN. CIRC RATE: 5 BPM @ 3,000 PSI. R/R: 5 BPM @ 3,00 PSI. CIRC 5 BBL GEL SWEEP W/ 2% KCL & BIOCID.</p> <p>WASH/DRILL TO #30 CFP @ 12,497'(TM). DRILL UP IN 13 MIN. CIRC RATE: 5 BPM @ 3,000 PSI. R/R: 5 BPM @ 3,00 PSI. CIRC 5 BBL GEL SWEEP W/ 2% KCL & BIOCID.</p> <p>WASH/DRILL TO #31 CFP @ 12,660'(TM). DRILL UP IN 11 MIN. CIRC RATE: 5 BPM @ 3,000 PSI. R/R: 5 BPM @ 3,00 PSI. CIRC 5 BBL GEL SWEEP W/ 2% KCL & BIOCID.</p> <p>WASH/DRILL TO #32 CFP @ 12,842'(TM). DRILL UP IN 12 MIN. CIRC RATE: 5 BPM @ 3,000 PSI. R/R: 5 BPM @ 3,00 PSI. CIRC 5 BBL GEL SWEEP W/ 2% KCL & BIOCID.</p> <p>WASH/DRILL TO #33 CFP @ 13,032'(TM). DRILL UP IN 8 MIN. CIRC RATE: 5 BPM @ 3,000 PSI. R/R: 5 BPM @ 3,00 PSI. CIRC 5 BBL GEL SWEEP W/ 2% KCL & BIOCID.</p> <p>WASH/DRILL TO #34 CFP @ 13,219'(TM). DRILL UP IN 10 MIN. CIRC RATE: 5 BPM @ 3,000 PSI. R/R: 5 BPM @ 3,00 PSI. CIRC 5 BBL GEL SWEEP W/ 2% KCL & BIOCID.</p> <p>WASH/DRILL TO #35 CFP @ 13,397'(TM). DRILL UP IN 9 MIN. CIRC RATE: 5 BPM @ 3,000 PSI. R/R: 5 BPM @ 3,00 PSI. CIRC 5 BBL GEL SWEEP W/ 2% KCL & BIOCID.</p> <p>WASH/DRILL TO #36 CFP @ 13,591'(TM). DRILL UP IN 7 MIN. CIRC RATE: 5 BPM @ 3,000 PSI. R/R: 5 BPM @ 3,00 PSI. CIRC 5 BBL GEL SWEEP W/ 2% KCL & BIOCID.</p> <p>WASH/DRILL TO #37 CFP @ 13,777'(TM). DRILL UP IN 10 MIN. CIRC RATE: 5 BPM @ 3,000 PSI. R/R: 5 BPM @ 300 PSI. CIRC 5 BBL GEL SWEEP W/ 2% KCL & BIOCID.</p> <p>WASH/DRILL TO #38 CFP @ 13,962'(TM). DRILL UP IN 6 MIN. CIRC RATE: 5 BPM @ 3,000 PSI. R/R: 5 BPM @ 300 PSI. CIRC 5 BBL GEL SWEEP W/ 2% KCL & BIOCID.</p> <p>WASH/DRILL TO #39 CFP @ 14,155'(TM). DRILL UP IN 9 MIN. CIRC RATE: 5 BPM @ 3,000 PSI. R/R: 5 BPM @ 300 PSI. CIRC 5 BBL GEL SWEEP W/ 2% KCL & BIOCID.</p> <p>WASH/DRILL TO #40 CFP @ 14,346'(TM). DRILL UP IN 4 MIN. CIRC RATE: 5 BPM @ 3,000 PSI. R/R: 5 BPM @ 350 PSI. CIRC 5 BBL GEL SWEEP W/ 2% KCL & BIOCID.</p> <p>WASH/DRILL TO TOE SLEEVE. CIRC GEL SWEEP ON BOTTOM.</p> <p>LAY DOWN POWER SWIVEL.</p>
22:00	04:00	6.00	P	WOR	24	PULD	P.O.O.H. LAYING DOWN WORKSTRING.
04:00	05:00	1.00	P	WOR	40	WASH	PUMP SWEEPS AT CURVE. CIRCULATE BOTTOMS UP.
05:00	06:00	1.00	P	WOR	24	PULD	CONTINUE LAYING DOWN WORKSTRING.

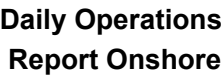
Daily Operations Comments:

NO INJURIES, SPILLS OR OFFICIAL VISITS.

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
	/			Pit Temp:					
12.250	1,027.20	1,027.20		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
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****Data shared on this report is CONFIDENTIAL****

Well Name/Wellbore No.: UNIVERSITY SALT DRAW 4114CH/00

Country: USA
State: TEXAS
Field: SALT DRAW
Supervisors: DJ GOSS / B.BROUSSARD
Engineer/Manager: SCHMELTZ, PETER / GRUBB, ALLEN

Report Number: 030
Report Date: 10/12/2016
Spud Date: 07/14/2016
Release Date:
DOE: 57 DOL: 30 AFE Days: 7.00
Last BOP T.: CSG Test:

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat: 31° 0' 51.00480 N
Long: 101° 8' 2.58871 W

API #:	4210542327
Rig:	
Rig Phone:	
KB(ft):	2,647.01
POB: 0	Manhours: 0.00

Current Activity: PICKING UP COMPLETION STRING.
24 Hr Summary: LAY DOWN WORKSTRING. SET PACKER.
24 Hr Forecast: SET PACKER. RUN COMPLETION STRING.

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	07:00	1.00	P	WOR	28	SFTYMTG	HSM, DISCUSSED PINCH POINTS AND SPOTTERS
07:00	10:30	3.50	P	WOR	39	TRIP	CONT POOH TO SNUB DEPTH
10:30	12:00	1.50	P	WOR	39	TRIP	MIRU AND TEST SNUBBING UNIT
12:00	16:00	4.00	P	WOR	39	TRIP	BEGIN SNUBBING PIPE OUT OF HOLE
16:00	23:00	7.00	P	WOR	39	TRIP	BULL HEADING 180BBLS TO TOP OF PERFS, MIRU AND TEST WIRELINE.
23:00	03:00	4.00	P	WLWORK	20	PACK	GO IN HOLE WITH 4.65" OD GAUGE RING TO 6,548' ELM. P.O.O.H. PICK UP PACKER ASSEMBLY AND GO IN HOLE TO 6,448' ELM. SET PACKER P.O.O.H. RIG DOWN E-LINE.
03:00	06:00	3.00	P	WOR	24	PULD	PICK UP COMPLETION STRING 2 7/8" 6.4# L-80 8RD INTERNALLY COATED. GO IN HOLE INSTALLING GLM'S.

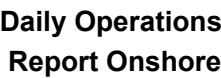
Daily Operations Comments:

NO INJURIES, SPILLS OR OFFICIAL VISITS.

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	27.00
	/		Density:	1	Tubing, Tubing, ", 6.50 ppf, L-80, ,	2.500	2.875	27.50
12.250	1,027.20 / 1,027.20		Brine Type:	1	Tubing, Tubing, ", 6.50 ppf, L-80, ,	2.500	2.875	59.98
			Gel Type:	53	Tubing, Tubing, ", ppf, , ,	2.500	2.875	61.88
			Viscosity:	1	Tubing, Tubing, ", 6.50 ppf, L-80, ,	2.500	2.875	1,782.88
			Nitrogen:	23	Tubing, Tubing, ", 6.50 ppf, L-80, ,	2.500	2.875	1,786.98
			NTU:	1	Mandrel, Gaslift Mandrel, ", ppf, , ,	2.500	4.344	2,566.74
				22	Tubing, Tubing, ", 6.50 ppf, L-80, ,	2.500	2.875	2,570.84
				1	Mandrel, Gaslift Mandrel, ", ppf, , ,	2.500	4.344	3,252.62
				18	Tubing, Tubing, ", 6.50 ppf, L-80, ,	2.500	2.875	3,256.72
				1	Mandrel, Gaslift Mandrel, ", ppf, , ,	2.500	4.344	3,874.18
				19	Tubing, Tubing, ", 6.50 ppf, L-80, ,	2.500	2.875	3,878.28
				1	Mandrel, Gaslift Mandrel, ", ppf, , ,	2.500	4.344	4,462.93
				18	Tubing, Tubing, ", 6.50 ppf, L-80, ,	2.500	2.875	4,467.03
				1	Mandrel, Gaslift Mandrel, ", ppf, , ,	2.500	4.344	4,986.33
				16	Tubing, Tubing, ", 6.50 ppf, L-80, ,	2.500	2.875	4,990.43
				1	Mandrel, Gaslift Mandrel, ", ppf, , ,	2.500	4.344	5,475.26
				15	Tubing, Tubing, ", 6.50 ppf, L-80, ,	2.500	2.875	5,479.36

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: DJ GOSS / B.BROUSSARD
Engineer/Manager: SCHMELTZ, PETER / GRUBB, ALLEN

Report Number: 031
Report Date: 10/13/2016
Spud Date: 07/14/2016
Release Date:
DOE: 58 DOL: 31 AFE Days: 7.00
Last BOP T.: CSG Test:

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

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat: 31° 0' 51.00480 N
Long: 101° 8' 2.58871 W

API #:	4210542327
Rig:	
Rig Phone:	
KB(ft):	2,647.01
POB: 0	Manhours: 0.00

Current Activity: WORK ON ADJACENT WELL.
24 Hr Summary: COMPLETE WELL.
24 Hr Forecast: WORK ON ADJACENT WELL.

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	07:00	1.00	P	WOR	28	SFTYMTG	HSM, DISCUSSED HELP, SPOTTERS AND TEAM WORK
07:00	14:00	7.00	P	WOR	39	TRIP	CONT TIH WITH PRODUCTION TUBING
14:00	18:00	4.00	P	WOR	16	NUND	PUMP PACKER FLUID AROUND, LAND HANGER, RDMO WOR, ND STACK
18:00	19:00	1.00	P	WOR	36	SFEQ	TEST TUBING AND CASING TO 1,000 PSI. BLOW PLUG AT 3,000 PSI.
18:00	18:00	0.00	P	WOR	16	NUND	NU AND TEST PRODUCTION TREE TO 250/5,000 PSI.
19:00	06:00	11.00	P	WOR	73	WOOWO	WORK ON ADJACENT WELL.

Daily Operations Comments:

NO INJURIES, SPILLS OR OFFICIAL VISITS.

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	27.00
	/		Density:	1	Tubing, Tubing, ", 6.50 ppf, L-80, ,	2.500	2.875	27.50
			Brine Type:	1	Tubing, Tubing, ", 6.50 ppf, L-80, ,	2.500	2.875	59.98
			Gel Type:	53	Tubing, Tubing, ", ppf, , ,	2.500	2.875	61.88
12.250	1,027.20 / 1,027.20		Viscosity:	1	Tubing, Tubing, ", 6.50 ppf, L-80, ,	2.500	2.875	1,782.88
			Nitrogen:	23	Tubing, Tubing, ", 6.50 ppf, L-80, ,	2.500	2.875	1,786.98
			NTU:	1	Mandrel, Gaslift Mandrel, ", ppf, , ,	2.500	4.344	2,566.74
				22	Tubing, Tubing, ", 6.50 ppf, L-80, ,	2.500	2.875	2,570.84
				1	Mandrel, Gaslift Mandrel, ", ppf, , ,	2.500	4.344	3,252.62
				18	Tubing, Tubing, ", 6.50 ppf, L-80, ,	2.500	2.875	3,256.72
				1	Mandrel, Gaslift Mandrel, ", ppf, , ,	2.500	4.344	3,874.18
				19	Tubing, Tubing, ", 6.50 ppf, L-80, ,	2.500	2.875	3,878.28
				1	Mandrel, Gaslift Mandrel, ", ppf, , ,	2.500	4.344	4,462.93
				18	Tubing, Tubing, ", 6.50 ppf, L-80, ,	2.500	2.875	4,467.03
				1	Mandrel, Gaslift Mandrel, ", ppf, , ,	2.500	4.344	4,986.33
				16	Tubing, Tubing, ", 6.50 ppf, L-80, ,	2.500	2.875	4,990.43
				1	Mandrel, Gaslift Mandrel, ", ppf, , ,	2.500	4.344	5,475.26
				15	Tubing, Tubing, ", 6.50 ppf, L-80, ,	2.500	2.875	5,479.36

PERFORATIONS

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