



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

Well Name/Wellbore No.: UNIVERSITY SALT DRAW 4114AH/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: 07/09/2016
Release Date:
DOE: DOL: 1 AFE Days: 7.00
Last BOP T.: CSG Test:

Event: COMPLETION LAND
Safety Meeting Topic:
Location: Lat: 31° 0' 51.00294 N
Long: 101° 8' 3.04828 W

API #:	4210542325
Rig:	
Rig Phone:	
KB(ft):	2,647.01
POB: 22	Manhours: 62.00

Current Activity: CONTINUE MIRU SURFACE EQUIP
24 Hr Summary: MIRU & TEST FRAC STACK, ATTEMPT TO SHIFT TOE SLEEVE
24 Hr Forecast: CONTINUE MIRU SURFACE EQUIP

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	19:30	1.50	P	WHDTR	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.
19:30	22:30	3.00	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	02:30	2.00	P	WBP	08	DHEQ	MIRU PUMPING EQUIPMENT. TEST LINES TO 9500 PSI. TEST 5 1/2" PRODUCTION CASING TO 250 PSI, 7700 PSI & 8000 PSI. HELD EACH TEST 15 MIN AND CHART. HELD OKAY. TEST 5 1/2" X 9 5/8" ANNULUS TO 1500 PSI. HELD AND CHARTED 15 MIN. LOST 700 PSI.
02:30	05:00	2.50	P	WBP	21	PERF	BLEED OFF TO 2000 PSI. ATTEMPT TO SHIFT SLEEVE. PRESSURED UP TO 8800 PSI. SLEEVE DID NOT SHIFT. REPEAT PROCESS 5 TIMES UP TO 9500 PSI. SLEEVE STILL DID NOT SHIFT.
05:00	05:30	0.50	P	MIRU	01	MIRU	CONTINUE MIRU SURFACE EQUIP
05:30	06:00	0.50	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)	Down Hole Tool Co:		Tool Sup:		
				Qty	Description	ID	OD	Top Set
9.625	1,122.00 /	1,122.00						
	/							
9.625	1,122.00 /	1,122.00						
			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:					

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 4114AH/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: 07/09/2016
Release Date:
DOE: DOL: 2 AFE Days: 7.00
Last BOP T.: CSG Test:

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat: 31° 0' 51.00294 N
Long: 101° 8' 3.04828 W

API #:	4210542325
Rig:	
Rig Phone:	
KB(ft):	2,647.01
POB: 22	Manhours: 62.00

Current Activity: SUSPEND OPS FOR 1 DAY
24 Hr Summary: RU FLOW CROSS & CROWN VALVE
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	16	NUND	NU GOAT HEAD, HYDR CROWN VAVLE ONTO THE FRAC STACK.
07:00	06:00	23.00	P	WBP	73	WOOWO	WOOWO

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
9.625	1,122.00 / 1,122.00		Pit Temp:					
	/		Density:					
9.625	1,122.00 / 1,122.00		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 4114AH/00

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

Report Number: 003
Report Date: 08/18/2016
Spud Date: 07/09/2016
Release Date:
DOE: 2 DOL: 3 AFE Days: 7.00
Last BOP T.: CSG Test:

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat: 31° 0' 51.00294 N
Long: 101° 8' 3.04828 W

API #:	4210542325
Rig:	
Rig Phone:	
KB(ft):	2,647.01
POB: 21	Manhours: 140.00

Current Activity:	MIRU FRAC EQUIPMENT
24 Hr Summary:	MIRU WIRELINE, RIH W/WELLTEC TRACTOR AND PERFORATE STG 1. POOH LOGGING WELL, INJECTION TEST, SECURED WELL BARRIER #1 LMV, BARRIER #2 UMW.
24 Hr Forecast:	MIRU FRAC SUPPORT EQUIPMENT, TRAILERS AND OTHER.

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	07:00	1.00	P	WBP	09	EQR	SB FOR WELLTEC AND WIRELINE EQUIPMENT.
07:00	07:30	0.50	P	WBP	28	SFTYMTG	HOLD HSE MEETING WITH TOE PREP CREW; DISCUSS H.E.L.P., STA & STAYING HYDRATED.
11:30	17:15	5.75	P	WBP	21	PERF	WL STAGE # 1. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ WELLTEC TRACTOR & 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 5,741'. TRACTOR TO 14,193' @ 60 FPM. PRESSURE CASING TO 3000 PSI. PU & PERF AT 14,036'- 14,190' O/A. POOH LOGGING WELL. ALL SHOTS FIRED.
17:15	18:30	1.25	P	WBP	35	STIM	SICP 848 PSI. TEST LINES 8,00 PSI. GOOD TEST. ESTABLISH INJECTION RATE 1 BPM @ 1,810 PSI, 2 BPM @ 3,050 PSI, 5 BPM @ 3638 PSI, 10BPM @ 4,552 PSI, 15 BPM @ 5,895 PSI, ISIP 2,855 PSI. ISIP 1 MIN. 2,214 PSI, 3 MIN 2,172 PSI. 5 MIN 2,141 PSI. 10 MIN 2,100 PSI. TOTAL FLUID 155 BBLs. SECURED WELL BARRIER #1 LMV, BARRIER #2 UMW.
18:30	20:00	1.50	P	WBP	18	OTHR	RDMO WL EQUIPMENT AND PUMPDOWN EQUIPMENT.

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
9.625	1,122.00 / 1,122.00		Pit Temp:					
	/		Density:					
9.625	1,122.00 / 1,122.00		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: 07/09/2016
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' 51.00294 N
Long: 101° 8' 3.04828 W

API #:	4210542325
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:	MIRU FRAC SUPPORT EQUIPMENT, TRAILERS AND OTHER.

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
07:00	08:00	1.00	P	MIRU	28	SFTYMTG	FRIDAY MORNING MEETING WITH HOUSTON OFFICE.
08:00	08:30	0.50	P	MIRU	28	SFTYMTG	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:		
			Fluids Eng:	Qty	Description	ID	OD	Top Set
9.625	1,122.00 / 1,122.00		Pit Temp:					
	/		Density:					
9.625	1,122.00 / 1,122.00		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 4114AH/00

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: 07/09/2016
Release Date:
DOE: 4 DOL: 5 AFE Days: 7.00
Last BOP T.: CSG Test:

Event: COMPLETION LAND
Safety Meeting Topic:
Location: Lat: 31° 0' 51.00294 N
Long: 101° 8' 3.04828 W

API #:	4210542325
Rig:	
Rig Phone:	
KB(ft):	2,647.01
POB: 13	Manhours: 29.00

Current Activity: CONTINUE MIRU EQUIPMENT.
24 Hr Summary: TEST FRAC STACKS.
24 Hr Forecast: MIRU FRAC SUPPORT EQUIPMENT, TRAILERS AND OTHER.

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	08:00	0.50	P	MIRU	73	WOOWO	SB FOR ADJ. WELL OPFS.
08:00	12:00	4.00	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			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
9.625	1,122.00 / 1,122.00		Pit Temp:					
	/		Density:					
9.625	1,122.00 / 1,122.00		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 4114AH/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: 07/09/2016
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' 51.00294 N
Long: 101° 8' 3.04828 W

API #:	4210542325
Rig:	
Rig Phone:	
KB(ft):	2,647.01
POB: 13	Manhours: 29.00

Current Activity: CONTINUE MIRU EQUIPMENT.
24 Hr Summary: WAITING ON SAND TRUCKS TO PRE FILL SILOS.
24 Hr Forecast: MIRU FRAC SUPPORT EQUIPMENT, TRAILERS AND OTHER.

OPERATION DETAILS

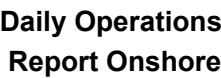
FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
07:00	08:00	1.00	P	MIRU	28	SFTYMTG	CONDUCTED JSA MEETING AND DISCUSSED SAFETY COMPLIANCE .
08:00	10:00	2.00	P	MIRU	01	MIRU	FTSI FRAC ON LOC. SPOTTING BLENDERS AND SILOS; CALLED IN SPEARHEAD TO LEVEL OUT GROUND.
10:00	11:00	1.00	P	MIRU	01	MIRU	SPEARHEAD 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
9.625	1,122.00 / 1,122.00		Pit Temp:					
	/		Density:					
9.625	1,122.00 / 1,122.00		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 4114AH/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: 07/09/2016
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' 51.00294 N
Long: 101° 8' 3.04828 W

API #:	4210542325
Rig:	
Rig Phone:	
KB(ft):	2,647.01
POB: 13	Manhours: 29.00

Current Activity: CONTINUE MIRU EQUIPMENT.
24 Hr Summary: WAITING ON SAND TRUCKS TO PRE FILL SILOS.
24 Hr Forecast: MIRU FRAC SUPPORT EQUIPMENT, TRAILERS AND OTHER.

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
9.625	1,122.00 / 1,122.00		Pit Temp:					
	/		Density:					
9.625	1,122.00 / 1,122.00		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

<div><div>EPENERGY</div><div>Daily Operations Report Onshore</div></div>		Well Name/Wellbore No.: UNIVERSITY SALT DRAW 4114AH/00		Report Number: 007 Report Date: 08/23/2016 Spud Date: 07/09/2016 Release Date: DOE: 7 DOL: 7 AFE Days: 7.00 Last BOP T.: CSG Test:							
Country: USA State: TEXAS Field: SALT DRAW Supervisors: M.DEGOLLADO / H. VELA/ R. VONDENSTEIN Engineer/Manager: SCHMELTZ, PETER / GRUBB, ALLEN											
Event: COMPLETION LAND Safety Meeting Topic:		API #: 4210542325 Rig: Rig Phone: KB(ft): 2,647.01 POB: 51 Manhours: 88.00									
Location: Lat: 31° 0' 51.00294 N Long: 101° 8' 3.04828 W											
Current Activity: CONT MIRU FRAC EQUIP. 24 Hr Summary: MIRU FRAC BLENDER AND CHEMICALS, RU WL EQUIPMENT, PRE-LOAD SAND. 24 Hr Forecast: MIRU FRAC SUPPORT EQUIPMENT, TRAILERS AND OTHER.											
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 ACCUMLATORS.				
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:	
9.625	1,122.00 / 1,122.00				Fluids Eng:			Qty	Description	ID	OD
9.625	1,122.00 / 1,122.00				Pit Temp:						
					Density:						
					Brine Type:						
					Gel Type:						
					Viscosity:						
					Nitrogen:						
					NTU:						
					FLOWBACK						
					Gas Rate:						
					Choke Size:						
					Avg. Tbg. Press:						
					Avg. Csg. Press:						
					Fluid Rate (Water):						
					Fluid Rate (Oil):						
					Tot. Load Recovered:						
PERFORATIONS											
Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments				



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

Well Name/Wellbore No.: UNIVERSITY SALT DRAW 4114AH/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: 07/09/2016
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' 51.00294 N
Long: 101° 8' 3.04828 W

API #:	4210542325
Rig:	
Rig Phone:	
KB(ft):	2,647.01
POB: 65	Manhours: 76.00

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

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 COMPLETED 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)		Down Hole Tool Co:		Tool Sup:		
9.625	1,122.00 / 1,122.00		Fluids Co:	Qty	Description	ID	OD	Top Set
	/		Fluids Eng:					
9.625	1,122.00 / 1,122.00		Pit Temp:					
			Density:					
			Brine Type:					
			Gel Type:					
			Viscosity:					
			Nitrogen:					
			NTU:					
			FLOWBACK					
			Gas Rate:					
			Choke Size:					
			Avg. Tbg. Press:					
			Avg. Csg. Press:					
			Fluid Rate (Water):					
			Fluid Rate (Oil):					
			Tot. Load Recovered:					

PERFORATIONS

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



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

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

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: 07/09/2016
Release Date:
DOE: 9 DOL: 9 AFE Days: 7.00
Last BOP T.: CSG Test:

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat: 31° 0' 51.00294 N
Long: 101° 8' 3.04828 W

API #:	4210542325
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)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
			Fluids Eng:	Qty	Description	ID	OD	Top Set
9.625	1,122.00 / 1,122.00		Pit Temp:					
	/		Density:					
9.625	1,122.00 / 1,122.00		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 4114AH/00

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

Report Number: 010
Report Date: 08/26/2016
Spud Date: 07/09/2016
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' 51.00294 N
Long: 101° 8' 3.04828 W

API #: 4210542325
Rig:
Rig Phone:
KB(ft): 2,647.01
POB: 59 Manhours: 134.00

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

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. SET POP-OFF TO 8,400 PSI.
02:00	05:30	3.50	P	MIRU	30	SEQP	PRIME UP PUMP DOWN PUMPS. CIRCULATE THROUGH FLOW CROSS. TEST LINES 8,400 PSI. GOOD TEST.
05:30	06:00	0.50	P	MIRU	28	SFTYMTG	HELD JSA W/ DAY CREW. DISCUSSED STEP 5 OF SAFETY, COMPLIANCE AND ADMINISTRATIVE NOTES, ACCIDENT REPORTING.

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
9.625	1,122.00 / 1,122.00		Pit Temp:					
	/		Density:					
9.625	1,122.00 / 1,122.00		Brine Type:					
			Gel Type:					
			Viscosity:					
			Nitrogen:					
			NTU:					
			FLOWBACK					
			Gas Rate:					
			Choke Size:					
			Avg. Tbg. Press:					
			Avg. Csg. Press:					
			Fluid Rate (Water):					
			Fluid Rate (Oil):					
			Tot. Load Recovered:					

PERFORATIONS

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



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

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

Report Number: 011
Report Date: 08/27/2016
Spud Date: 07/09/2016
Release Date:
DOE: 11 DOL: 11 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' 51.00294 N
Long: 101° 8' 3.04828 W

API #: 4210542325
Rig:
Rig Phone:
KB(ft): 2,647.01
POB: 59 Manhours: 134.00

Current Activity:	REPLACING FRAC BLENDER.
24 Hr Summary:	COMPLETE FRAC STAGES 1- 2; WL STAGES 2 - 3. PUMPED 558,765 # 100 MESH, 193,510 # 40/70 MESH & 17,406 BBLS SLICKWATER
24 Hr Forecast:	BEGIN FRAC OPS.

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	STG01	28	SFTYMTG	CONDUCTED JSA MEETING AND TALKED ABOUB SAFETY COMPLIANCE NOTES WITH EVERYONE ON LOC.
06:30	10:00	3.50	P	STG01	73	WOOWO	WAITING ON OTHER WELL OPERATIONS
10:00	12:30	2.50	P	STG01	35	STIM	FRAC STAGE # 1 SLICKWATER - SICP 1,056. PUMP 60 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 361 BBL. ATP 5,560. ATR 70.5 MTP 7,707 MTR 91.0 . FISIP 2,680. FG 0.86. TCF 8,168 BBLS.
12:30	16:30	4.00	P	STG02	21	PERF	WL STAGE # 2. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ 5.5" ECO CFP & 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 5,784'. SET PLUG @ 14,018' PU & PERF ON THE FLY AT 13,848' - 14,003' O/A. POOH, SB @ 500'. LD GUNS. ALL SHOTS FIRED. PUMPED 560 BBLS.
16:30	17:30	1.00	P	STG02	09	EQRP	REPLACING PACKING ON 5 DIFFERENT PUMPS .
17:30	18:00	0.50	P	STG02	28	SFTYMTG	CONDUCTED JSA MEETING AND TALKED ABOUB SAFETY COMPLIANCE NOTES WITH EVERYONE ON LOC.
18:00	19:15	1.25	N	STG02	09	EQRP	REPAIR FRAC PUMPS.
19:15	21:40	2.42	P	STG02	35	STIM	FRAC STAGE # 2 SLICKWATER - SICP 1,821. PUMP 60 BBLS 15% ACID.PUMP 190 BBLS 15% VISC ACID PUMP 279,740 LBS 100 MESH @ .5 - 2.5 PPA; PUMP 96,760 LBS 40/70 @ 1.0 - 2.5 PPA. TOTAL FLUSH 356 BBL. ATP 5,512. ATR 72.6 MTP 7,687 MTR 87.9 . FISIP 2,836. FG 0.89. TCF 8,195 BBLS.
21:40	02:45	5.08	P	STG03	21	PERF	WL STAGE # 3. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ 5.5" ECO CFP & 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 5,784'. SET PLUG @ 13,831' PU & PERF ON THE FLY AT 13,661' - 13,816' O/A. POOH, SB @ 500'. LD GUNS. ALL SHOTS FIRED. PUMPED 483 BBLS.
02:45	06:00	3.25	N	STG03	09	EQRP	REPLACE FRAC BLENDER DUE TO MALFUNTION OF AUGERS. DAY CREW HELD SAFETY MTG FROM 5:30 TO 6:00 AM

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
9.625	1,122.00 / 1,122.00		Pit Temp:					
	/		Density:					
			Brine Type:					
			Gel Type:					
			Viscosity:					
			Nitrogen:					
			NTU:					
			FLOWBACK					
			Gas Rate:					
			Choke Size:					
			Avg. Tbg. Press:					
			Avg. Csg. Press:					
			Fluid Rate (Water):					
			Fluid Rate (Oil):					
			Tot. Load Recovered:					

PERFORATIONS

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



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

Report Number: 012
Report Date: 08/28/2016
Spud Date: 07/09/2016
Release Date:
DOE: 12 DOL: 12 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' 51.00294 N
Long: 101° 8' 3.04828 W

API #:	4210542325
Rig:	
Rig Phone:	
KB(ft):	2,647.01
POB: 97	Manhours: 508.00

Current Activity:	STAND BY FOR ADJACENT WELL OPS.
24 Hr Summary:	COMPLETE FRAC STAGES 3 - 4 - 5; WL STAGES 4 - 5 - 6. PUMPED 838,240 # 100 MESH, 290,420 # 40/70 MESH & 23,494 BBLS SLICKWATER
24 Hr Forecast:	CONTINUE FRAC OPERATIONS

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	09:15	3.25	N	STG03	09	EQRP	REPLACE FRAC BLENDER DUE TO MALFUNCTION OF AUGERS.
09:15	11:45	2.50	P	STG03	35	STIM	FRAC STAGE # 3 SLICKWATER - SICP 1,770. PUMP 60 BBLS 15% ACID.PUMP 190 BBLS 15% VISC ACID PUMP 279,220 LBS 100 MESH @ .5 - 2.5 PPA; PUMP 96,680 LBS 40/70 @ 1.0 - 2.5 PPA. TOTAL FLUSH 351 BBL. ATP 5,231. ATR 75.2 MTP 7,781 MTR 89.3. FISIP 2,867. FG 0.89. TCF 8,106 BBLS.
11:45	15:00	3.25	P	STG04	21	PERF	WL STAGE # 4. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ 5.5" ECO CFP & 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 5,784'. SET PLUG @ 13,644' PU & PERF ON THE FLY AT 13,474' - 13,629' O/A. POOH, SB @ 500'. LD GUNS. ALL SHOTS FIRED. PUMPED 458 BBLS.
15:00	16:30	1.50	P	STG04	73	WOOWO	STANDBY FOR ADJACENT WELL OPS.
16:30	18:40	2.17	P	STG04	35	STIM	FRAC STAGE # 4 SLICKWATER - SICP 1,703. PUMP 60 BBLS 15% ACID.PUMP 190 BBLS 15% VISC ACID PUMP 279,360 LBS 100 MESH @ .5 - 2.5 PPA; PUMP 97,060 LBS 40/70 @ 1.0 - 2.5 PPA. TOTAL FLUSH 348 BBL. ATP 5,033. ATR 72.7 MTP 7,802 MTR 89.2. FISIP 2,774. FG 0.88. TCF 7,139 BBLS.
18:40	20:00	1.33	P	STG05	73	WOOWO	STANDBY FOR ADJACENT WELL OPS.
20:00	23:00	3.00	P	STG05	21	PERF	WL STAGE # 5. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ 5.5" ECO CFP & 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 5,784'. SET PLUG @ 13,457' PU & PERF ON THE FLY AT 13,285' - 13,442' O/A. POOH, SB @ 500'. LD GUNS. ALL SHOTS FIRED. PUMPED 472 BBLS.
23:00	23:45	0.75	P	STG05	09	EQRP	GREASE FRAC STACK AND ZIPPER MANIFOLD.
23:45	00:15	0.50	P	STG05	73	WOOWO	STANDBY FOR ADJACENT WELL OPS.
00:15	02:30	2.25	P	STG05	35	STIM	FRAC STAGE # 5 SLICKWATER - SICP 1,674. PUMP 60 BBLS 15% ACID.PUMP 190 BBLS 15% VISC ACID PUMP 279,680 LBS 100 MESH @ .5 - 2.5 PPA; PUMP 96,680 LBS 40/70 @ 1.0 - 2.5 PPA. TOTAL FLUSH 343 BBL. ATP 5,240. ATR 75.1 MTP 6,560 MTR 89.1. FISIP 2,723. FG 0.87. TCF6,841 BBLS.
02:30	06:00	3.50	P	STG06	21	PERF	WL STAGE # 6. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ 5.5" ECO CFP & 6 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 36 SHOTS. CORRELATE W/ MARKER JT AT 5,784'. SET PLUG @ 13,270' PU & PERF ON THE FLY AT 13,100' - 13,211' O/A. POOH, SB @ 500'. LD GUNS. ALL SHOTS FIRED. PUMPED 478 BBLS.

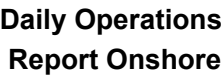
Daily Operations Comments:

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:		
9.625	1,122.00 / 1,122.00		Fluids Co:	Qty	Description	ID	OD	Top Set
	/		Fluids Eng:					
9.625	1,122.00 / 1,122.00		Pit Temp:					
			Density:					
			Brine Type:					
			Gel Type:					
			Viscosity:					
			Nitrogen:					
			NTU:					
			FLOWBACK					
			Gas Rate:					
			Choke Size:					
			Avg. Tbg. Press:					
			Avg. Csg. Press:					
			Fluid Rate (Water):					
			Fluid Rate (Oil):					
			Tot. Load Recovered:					

PERFORATIONS

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



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

Report Number: 013
Report Date: 08/29/2016
Spud Date: 07/09/2016
Release Date:
DOE: 13 DOL: 13 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' 51.00294 N
Long: 101° 8' 3.04828 W

API #: 4210542325
Rig:
Rig Phone:
KB(ft): 2,647.01
POB: 97 Manhours: 508.00

Current Activity:	STAND BY AT 500' WAITING FOR FRAC TO FINISH ON C WELL.
24 Hr Summary:	COMPLETE FRAC STAGES 6 - 7 - 8; WL STAGES 7 - 8 - 9. PUMPED 837,800 # 100 MESH, 221,220 # 40/70 MESH & 23,156 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	STG06	21	PERF	LAY DOWN TOOL STRING
06:45	09:30	2.75	P	STG06	35	STIM	STARTED STG 6 PUMPED ACID AND HAD TO SHUT DOWN DUE TO PH LEVEL BEING LOW AFTER COMING UP ON RATE . WATER TRANSFER OPENED TANK #3 WHICH WAS TAPED OFF AND CANDYCANE REMOVED DUE TO TANK BEING CONTAMINATED. PH WAS CHECKED ON OTHER TANKS AND AFTERS CLEANING OUT BLENDER SYSTEM WE RESUMED FRAC OPPTS.
09:30	11:30	2.00	P	STG06	35	STIM	FRAC STAGE # 6 SLICKWATER - SICP 1,680. PUMP 30 BBLS 15% ACID.PUMP 190 BBLS 15% VISC ACID PUMP 279,240 LBS 100 MESH @ .5 - 2.5 PPA; PUMP 96,000 LBS 40/70 @ 1.0 - 2.5 PPA. TOTAL FLUSH 347 BBL. ATP 5,413. ATR 71.2 MTP 7,807 MTR 90.2. FISIP 2,726. FG 0.87. TCF 8,431 BBLS
11:30	15:00	3.50	P	STG07	21	PERF	WL STAGE # 7. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ 5.5" ECO CFP & 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 5,784'. SET PLUG @ 13,083' PU & PERF ON THE FLY AT 12,913' - 13,066' O/A. POOH, SB @ 500'. LD GUNS. ALL SHOTS FIRED. PUMPED 435 BBLS
15:00	18:00	3.00	P	STG07	35	STIM	FRAC STAGE # 7 SLICKWATER - SICP 1,802. PUMP 30 BBLS 15% ACID.PUMP 190 BBLS 15% VISC ACID PUMP 279,260 LBS 100 MESH @ .5 - 2.5 PPA; PUMP 28,000 LBS 40/70 @ 1.0 - 2.5 PPA. TOTAL FLUSH 335 BBL. ATP 4,443. ATR 71.5 MTP 5,804 MTR 90.8. FISIP 2,535. FG 0.84. TCF 6,685 BBLS NOTE: CUT STG SHORT DUE TO SCERWS LOCKING UP AND SLIDE GATE CLOSE ON HOPPER. ADVISED ENG. ABOUT THIS ISSUES WITH BLENDER AND ALSO TOLD HIM WE HAD 82% OF PROPPANTS GONE AND HE CALLED IT GOOD.
18:00	21:45	3.75	P	STG08	21	PERF	WL STAGE # 8. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ 5.5" ECO CFP & 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 5,784'. SET PLUG @ 12,896' PU & PERF ON THE FLY AT 12,726' - 12,881' O/A. POOH, SB @ 500'. LD GUNS. ALL SHOTS FIRED. PUMPED 514 BBLS.
21:45	22:30	0.75	P	STG08	73	WOOWO	STANDBY FOR ADJACENT WELL OPS.
22:30	01:15	2.75	P	STG08	35	STIM	FRAC STAGE # 8 SLICKWATER - SICP 1,849. PUMP 60 BBLS 15% ACID.PUMP 190 BBLS 15% VISC ACID PUMP 279,300 LBS 100 MESH @ .5 - 2.5 PPA; PUMP 97,220 LBS 40/70 @ 1.0 - 2.5 PPA. TOTAL FLUSH 330 BBL. ATP 4,569. ATR 74.9 MTP 5,944 MTR 92.4. FISIP 2,631. FG .86. TCF 7,341 BBLS.
01:15	02:15	1.00	P	STG09	73	WOOWO	STANDBY FOR ADJACENT WELL OPS.
02:15	04:00	1.75	N	STG09	09	EQRP	REPAIR GAUGE CONNECTION ON BOP.
04:00	06:00	2.00	P	STG09	21	PERF	WL STAGE # 9. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ 5.5" ECO CFP & 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 5,784'. SET PLUG @ 12,709' PU & PERF ON THE FLY AT 12,539' - 12,694' O/A. POOH, SB @ 500' AT REPORT TIME. ALL SHOTS FIRED. PUMPED 429 BBLS. HELD JSA W/ DAY CREW. DISCUSSED COMMUNICATION DURING CREW CHANGE.

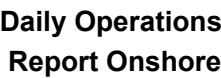
Daily Operations Comments:

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
9.625	1,122.00 /	1,122.00						
	/							
9.625	1,122.00 /	1,122.00						
			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:					

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. HAMME
Engineer/Manager: SCHMELTZ, PETER / GRUBB, ALLEN

Report Number: 014
Report Date: 08/30/2016
Spud Date: 07/09/2016
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' 51.00294 N
Long: 101° 8' 3.04828 W

API #: 4210542325
Rig:
Rig Phone:
KB(ft): 2,647.01
POB: 140 Manhours: 516.00

Current Activity:	FRACING STAGE 12.
24 Hr Summary:	COMPLETE FRAC STAGES 9 - 10 - 11 - ; WL STAGES 10 - 11 - 12. PUMPED 839,685 # 100 MESH, 289,910 # 40/70 MESH & 22,538 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	STG09	73	WOOWO	WAITING ON OTHER WELL OPERATIONS
06:45	09:00	2.25	P	STG09	18	OTHR	SCHEDULED GREASE AND TORQUE; FTSI WL REHEAD AND FRAC SWAPPING OUT PUMPS AND BLENDER FOR MAINTENANCE
09:00	11:30	2.50	P	STG09	35	STIM	FRAC STAGE #9 SLICKWATER - SICP 1,817. PUMP 30 BBLS 15% ACID.PUMP 190 BBLS 15% VISC ACID PUMP 279,240 LBS 100 MESH @ .5 - 2.5 PPA; PUMP 96,000 LBS 40/70 @ 1.0 - 2.5 PPA. TOTAL FLUSH 326 BBL. ATP 4,506. ATR 73.2 MTP 5,605 MTR 90.0. FISIP 2,865. FG 0.89. TCF 7,234 BBLS
11:30	15:00	3.50	P	STG10	21	PERF	WL STAGE # 10. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ 5.5" ECO CFP & 6 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 36 SHOTS. CORRELATE W/ MARKER JT AT 5,784'. SET PLUG @ 12,522' PU & PERF ON THE FLY AT 12,396' - 12,507' O/A. POOH, SB @ 500'. LD GUNS. ALL SHOTS FIRED. PUMPED 388 BBLS
15:00	15:40	0.67	P	STG10	09	EQRP	PULLING PUMPS OUT FOR MAINTENANCE .
15:40	18:00	2.33	P	STG10	35	STIM	FRAC STAGE #10 SLICKWATER - SICP 1,960. PUMP 30 BBLS 15% ACID.PUMP 190 BBLS 15% VISC ACID PUMP 279,280 LBS 100 MESH @ .5 - 2.5 PPA; PUMP 96,750 LBS 40/70 @ 1.0 - 2.5 PPA. TOTAL FLUSH 322 BBL. ATP 4,865. ATR 75.9 MTP 5,892 MTR 89.9. FISIP 2,801. FG 0.88. TCF 7,193 BBLS.
18:00	20:45	2.75	P	STG11	21	PERF	WL STAGE # 11. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ 5.5" ECO CFP & 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 5,784'. SET PLUG @ 12,335' PU & PERF ON THE FLY AT 12,165' - 12,320' O/A. POOH, SB @ 500'. LD GUNS. ALL SHOTS FIRED. PUMPED 455 BBLS.
20:45	21:45	1.00	P	STG11	73	WOOWO	STANDBY FOR ADJACENT WELL OPS.
21:45	23:45	2.00	P	STG11	35	STIM	FRAC STAGE #11 SLICKWATER - SICP 2,043. PUMP 60 BBLS 15% ACID.PUMP 190 BBLS 15% VISC ACID PUMP 279,940 LBS 100 MESH @ .5 - 2.5 PPA; PUMP 96,720 LBS 40/70 @ 1.0 - 2.5 PPA. TOTAL FLUSH 317 BBL. ATP 4,463. ATR 76.9 MTP 5,776 MTR 90.2. FISIP 2,785. FG 0.88. TCF 7,086 BBLS.
23:45	02:30	2.75	P	STG12	21	PERF	WL STAGE # 12. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ 5.5" ECO CFP & 7 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 42 SHOTS. CORRELATE W/ MARKER JT AT 5,784'. SET PLUG @ 12,148' PU & PERF ON THE FLY AT 11,978' - 12,111' O/A. POOH, SB @ 500'. LD GUNS. ALL SHOTS FIRED. PUMPED 402 BBLS.
02:30	04:00	1.50	P	STG12	73	WOOWO	STANDBY FOR ADJACENT WELL OPS.
04:00	06:00	2.00	P	STG12	35	STIM	BEGIN FRACING STAGE 12.

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
9.625	1,122.00 /	1,122.00						
	/							
9.625	1,122.00 /	1,122.00						
			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:					

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. HAMME
Engineer/Manager: SCHMELTZ, PETER / GRUBB, ALLEN

Report Number: 015
Report Date: 08/31/2016
Spud Date: 07/09/2016
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' 51.00294 N
Long: 101° 8' 3.04828 W

API #: 4210542325
Rig:
Rig Phone:
KB(ft): 2,647.01
POB: 128 Manhours: 554.00

Current Activity:	WORKING ON CH WELL WHILE WAITING ON CALIPER.
24 Hr Summary:	COMPLETE FRAC STAGE 12 ; PUMPED 839,685 # 100 MESH, 289,910 # 40/70 MESH & 8,286 BBLS SLICKWATER. ATTEMPT TO PERF STAGE 13 BUT GUN AND CFP ASSY STOPPED AT 6,658' CCL DEPTH. PUMPED GEL SWEEP AND MADE THREE DUMMY RUN ATTEMPTS WITH NO SUCCESS GETTING DOWN.
24 Hr Forecast:	CONTINUE FRAC OPERATIONS

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	STG12	35	STIM	FRAC STAGE #12 SLICKWATER - SICP 2,036. PUMP 30 BBLS 15% ACID.PUMP 190 BBLS 15% VISC ACID PUMP 279,160 LBS 100 MESH @ .5 - 2.5 PPA; PUMP 96,260 LBS 40/70 @ 1.0 - 2.5 PPA. TOTAL FLUSH 313 BBL. ATP 4,791. ATR 77.9 MTP 6,690 MTR 90.4. FISIP 2,454. FG 0.83. TCF 8,086 BBLS.
06:30	08:30	2.00	P	STG13	21	PERF	RIH WITH WL, SET DOWN SOFTLY @ 6,688' PLUG DEPTH. PULL UP WITH NO PROBLEM, TRY PUMP DOWN AGAIN AND SET DOWN @ 6,688. POOH TOOL STRING IN PERFECT SHAPE. STANDBY
08:30	11:15	2.75	N	STG13	55	PERFPROB	WAITING ON ORDERS
11:15	12:15	1.00	N	STG13	55	PERFPROB	PUMPED 50 BBL 20 VISC SWEEP. FLUSHED WITH 391 BBL SLICK WATER 70.2 BPM @ 5,590 PSI
12:15	13:30	1.25	N	STG13	55	PERFPROB	TRIED PUMP DOWN WITH 2 WEIGHT BARS AND PUMP DOWN SUB WITH OD OF 4.37" STOPPED MOVING AGAIN @ 6,658' CCL DEPTH POOH
13:30	15:30	2.00	N	STG13	55	PERFPROB	WAITING ON OTHER WELL OPERATIONS
15:30	17:30	2.00	N	STG13	55	PERFPROB	TRIED PUMP DOWN WITH 1 WEIGHT BAR AND SETTING TOOL WITHOUT SLEEVE AND MANDREL WITH OD OF 3.83" STOPPED MOVING AGAIN @ 6,658' CCL DEPTH POOH
17:30	17:45	0.25	N	STG13	55	PERFPROB	WELL SECURE WAITING ON ORDERS WHILE PERF AND FRAC ON AH WELL.
17:45	01:00	7.25	N	STG13	73	WOOWO	STANDBY FOR ADJACENT WELL OPS.
01:00	01:45	0.75	N	STG13	24	PULD	MU ADDITIONAL 10' LUB. MU DUMMY ASSY: 2" FISHING NECK, 2.75" CCL, 2.75" X 7' WT BAR 3.12" X 7' WT BAR, 11EA 3.12 SPENT GUNS, 4.35" DUMMY PLUG. OVERALL LENTGH = 47.5'. TEST LUB 8,000 PSI.
01:45	02:35	0.83	N	STG13	55	PERFPROB	SICP = 1,767 PSI. RIH AND CORRELATE WITH MJ AT 5,784'. PUMP DOWN W/ 24 BPM @ 3,820 PSI TO 6,652' CCL DEPTH WHERE TOOL STRING STOPPED. SD PUMPS POOH TO SURFACE AND SI WELL.
02:35	06:00	3.42	N	STG13	73	WOOWO	STANDBY FOR CASING CALIPER.

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
9.625	1,122.00 / 1,122.00		Pit Temp:					
	/		Density:					
			Brine Type:					
			Gel Type:					
			Viscosity:					
			Nitrogen:					
			NTU:					
			FLOWBACK					
			Gas Rate:					
			Choke Size:					
			Avg. Tbg. Press:					
			Avg. Csg. Press:					
			Fluid Rate (Water):					
			Fluid Rate (Oil):					
			Tot. Load Recovered:					

PERFORATIONS

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



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

Report Number: 016
Report Date: 09/01/2016
Spud Date: 07/09/2016
Release Date:
DOE: 16 DOL: 16 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' 51.00294 N
Long: 101° 8' 3.04828 W

API #:	4210542325
Rig:	
Rig Phone:	
KB(ft):	2,647.01
POB: 130	Manhours: 578.00

Current Activity: SD FOR QUARTERLY MEETING. WELL IS SHUT IN.
24 Hr Summary: RAN DOWN HOLE CAMERA AND FOUND CIRCULAR SPLIT IN CSG AT 6,661'.
24 Hr Forecast: SD FOR QUARTERLY MEETING.

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	10:30	4.50	N	STG13	45	CASPROB	WAITING ON ORDERS
10:30	12:30	2.00	N	STG13	45	CASPROB	PUMP 350 BBL FRESH WATER TO CLEAN WELL BORE FOR CAMERA
12:30	15:00	2.50	N	STG13	45	CASPROB	HAVE JSA MEETING & RU EX PRO 3D CAMERA
15:00	19:30	4.50	N	STG13	45	CASPROB	RIH WITH EX PRO CAMERA PUMP DOWN WITH 12 BPM AND 10 FPM. FOUND CIRCULAR SPLIT IN CASING AT 6,661', JUST BELOW A CSG COLLAR. POOH. LD CAMERA. SECURE WELL.
19:30	06:00	10.50	N	STG13	73	WOOWO	WAITING ON ADJACENT WELL OPERATIONS, DOING 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
9.625	1,122.00 / 1,122.00		Pit Temp:					
	/		Density:					
			Brine Type:					
			Gel Type:					
			Viscosity:					
			Nitrogen:					
			NTU:					
			FLOWBACK					
			Gas Rate:					
			Choke Size:					
			Avg. Tbg. Press:					
			Avg. Csg. Press:					
			Fluid Rate (Water):					
			Fluid Rate (Oil):					
			Tot. Load Recovered:					

PERFORATIONS

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



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

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

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

Report Number: 017
Report Date: 09/19/2016
Spud Date: 07/09/2016
Release Date:
DOE: 34 DOL: 17 AFE Days: 7.00
Last BOP T.: CSG Test:

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat: 31° 0' 51.00294 N
Long: 101° 8' 3.04828 W

API #: 4210542325
Rig:
Rig Phone:
KB(ft):
POB: 128 Manhours: 554.00

Current Activity:	STANDBY FOR COMPLETION OF "DH" FRAC OPERATIONS.
24 Hr Summary:	PREP FOR CASING REPAIR.
24 Hr Forecast:	PREP FOR CASING REPAIR

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
08:00	18:00	10.00	P	WBREMD	18	OTHR	SICP 700. RECEIVED CASING PATCH ASSEMBLIES AND SUPPORT TOOLS FROM ENVENTURE. COORDINATED SCHEDULE WITH SERVICE PROVIDERS. CONDUCT SITE SAFETY ORIENTATION WITH ENVENTURE REPRESENTATIVE.

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:		
9.625	1,216.00 / 1,216.00		Fluids Eng:	Qty	Description	ID	OD	Top Set(ft)
	/		Pit Temp:					94.00
9.625	1,216.00 / 1,216.00		Density:	2-7/8 ", 6.500 ppf, J-55, EUE		2.441	2.875	94.00
			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 / G.ALLGOOD / M.SHIELD / M.A
Engineer/Manager: SCHMELTZ, PETER / GRUBB, ALLEN

Report Number: 019
Report Date: 09/21/2016
Spud Date: 07/09/2016
Release Date:
DOE: 36 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' 51.00294 N
Long: 101° 8' 3.04828 W

API #: 4210542325
Rig:
Rig Phone:
KB(ft):
POB: 104 Manhours: 674.00

Current Activity:	GOING IN HOLE WITH TRACTOR AND PLUG AT REPORT TIME
24 Hr Summary:	FIN R/U AND TEST COIL EQUIPT, MAKE DRESS UP MILL RUN TO SMOOTH OUT ID OF CSG AT PART. RUN TRACTOR AND SET COMP PLUG @ 6,691'
24 Hr Forecast:	TRACTOR IN AND SET COMP PLUG, SET CSG PATCH, DRILL OUT SHOE IN PATCH, TEST PATCH

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	13:00	7.00	P	CTU	01	MIRU	CONTINUE MIRU OPERATIONS. ND STACK FRAC HEAD AND CROWN VALVE. NU 7 1/16" X 5 1/8' 10K SPOOL AND CT BOP ASSEMBLY - SINGLE BOP W/ PIPE RAM, FLOW CROSS, PIPE/SLIP BOP, BLIND/SHEAR BOP. RELOCATE WL EQUIPMENT FOR ACCESS. FUNCTION TEST BOP SYSTEM - OK. PU INJECTOR HEAD. RU 3" RETURN LINE AND PLUG CATCHER ON STACK. CUT AND DRESS CT. MU CT CONNECTOR. PULL TEST SAME TO 40K. MU 5 RISER SECTIONS - 50'. LOAD CT W/ WTR. PUMP AND DRIFT TEST CT W/ 1" BALL - 83 BBLs TO LOAD AND RETURN BALL.
13:00	15:30	2.50	P	CTU	36	SFEQ	NU RISER AND PRESSURE TEST BOP ASSEMBLY COMPONENTS, LINES, AND VALVES INDIVIDUALLY TO 250/ 8000 PSI.
15:30	17:00	1.50	N	CTU	59	EQFAIL	CRANE CONTROLS FAILED. UNABLE TO FUNCTION CONTROLS.
17:00	17:30	0.50	P	CTU	36	SFEQ	PRESSURE TEST CT CONNECTOR, DFCV, AND HYD DISCONNECT TO 250/ 7500.
17:30	18:00	0.50	P	CTU	28	SFTYMTG	SAFETY AND JSA MEETING WITH NIGHT CREW, DISCUSS MILLING OPERATIONS AND C.T. SAFETY
18:00	19:20	1.33	P	CTU	16	NUND	M/U SPARTAN MILLING ASSY, SURFACE TEST MOTOR WITH 3 BPM @ 1800 PSI. SATB RISER ONTO BOP, SHELL TEST TO 8,000 PSI, B/O AND EQ TO SICP 900 PSI. BHA 4.75" OD TAPERED MILL, 2- WT BARS, 4.75" OD STRING MILL, 3.125 MOTOR, STRING MAGNET, HYD DISC W/1" BALL SEAT,BI-DI JAR, D.F.C.V., CONNECTOR.
19:20	21:45	2.42	P	CTU	40	WASH	RIH AT 5' PER MIN THRU TREE, ONCE IN HOLE START PUMPING 1 BPM @ 1400 PSI, KEEP RATES AT BBL IN / BBL OUT, MAKE WT CHECKS ON WAY IN, MAX SPEED WILL BE 80-100' /MIN S/D PUMP AT 6600' CONT IN HOLE AT 5 FT/MIN. SAW A 3K BOBBLE ON WAY THRU AT 6632' CTM WHEN P/U WE SAW A 4K BOBBLE IN SAME PLACE 6,632' CTM. START PUMPING AT 3 BPM AND 2,800 PSI. ADJUST RET RATE TO 3 BPM. WH PSI IS 1100. WORK THRU SPOT TOTAL OF 9 TIMES SEEING NOTHING WHILE PUMPING, S/D PUMP EVERY THIRD TIME AND GO THRU SAME SPOT SEEING NO BOBBLE UP OR DOWN. SEND 5 BBL SWEEP THEN SPACER THEN ANOTHER 5 BBL SWEEP. WHEN OUT OF COIL S/D PUMP AND RUN THRU SPOT ONCE MORE WITH NO ROTATION, SAW NOTHING. LOOKS AS GOOD AS IT CAN BE
21:45	23:00	1.25	P	CTU	40	WASH	POOH FROM 6700' WT OFF BOTTOM WAS 26,000#. CONT BBL/IN AND BBL /OUT AY 3 BPM. BUMP UP IN PACK-OFF, CLOSE IN WELL WITH UPPER MANUAL MASTER AND B/O TO O.T.T
23:00	01:00	2.00	P	WLWORK	26	SETC	UN-FLANGE COIL BOP AND P/U INJ,RISER AND BOP, SWING OUT OF WAY, USE SECOND CRANE TO MOVE W/L BOP AND FLANGE FROM BH WELL AND FLANGE UP ON AH WELL. WELL TECH SETTING UP TRACTOR, HAD PROBLEMS WITH OIL PUMP TO PURGE TOOL WITH, GOT IT CORRECTED AND CONT SET UP TRACTOR. WHEN DONE WILL MAKE UP SETTING TOOL WITH SOLID COMP PLUG AND PUT IN LUBRICATOR, P/U LUB AND WITH TOOLS AND M/U ON BOP. FILL LUB WITH TEST PUMP, THEN TEST TO 8,000 PSI.
01:00	03:30	2.50	N	WLWORK	27	SETP	PROBLEMS WITH WELLTEC POWER SUPPLY TO RUN TRACTOR, HAVE ANOTHER ONE COMING FROM ODESSA, ARRIVED AT 0330 HRS
03:30	05:00	1.50	P	WLWORK	27	SETP	TEST TRACTOR, M/U TO E-LINE, INSTALL SETTING TOOL WITH PLUG, STAB LUB ON WELL, FILL WITH TEST PUMP, TEST TO 8K, B/O TO SICP.
05:00	05:30	0.50	P	WLWORK	27	SETP	OPEN WELL AND RIH WITH TRACTOR AND SOLID COMP PLUG
05:30	06:00	0.50	P	WLWORK	27	SETP	SAFETY AND JSA MEETING WITH DAY CREW, DISCUSS CRANE OP'S AND EYE'S ON PATH

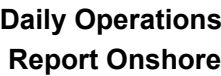
Daily Operations Comments:

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:		
9.625	1,216.00 / 1,216.00		Fluids Eng:	Qty	Description	ID	OD	Top Set(ft)
	/		Pit Temp:					94.00
9.625	1,216.00 / 1,216.00		Density:	2-7/8 ", 6.500 ppf, J-55, EUE		2.441	2.875	94.00
			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 4114AH/00

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

Report Number: 020
Report Date: 09/22/2016
Spud Date: 07/09/2016
Release Date:
DOE: 37 DOL: 20 AFE Days: 7.00
Last BOP T.: CSG Test:

Event: COMPLETION LAND
Safety Meeting Topic:
Location: Lat: 31° 0' 51.00294 N
Long: 101° 8' 3.04828 W

API #: 4210542325
Rig:
Rig Phone:
KB(ft):
POB: 58 Manhours: 489.00

Current Activity:	MOVING OFF COIL EQUIPT AND RIGGING UP GOAT HEAD AND CROWN VALVE, E-LINE BOP'S
24 Hr Summary:	RAN AND SET CSG PATCH, MILLED OUT CSG SHOE, TESTED TO 8K FOR 15 MIN, CHARTED TEST. MILL OUT COMP PLUG AND WASH OUT TO 12,100' POOH, START R/D AND MOVE OFF COIL EQUIPT
24 Hr Forecast:	N/U GOAT HEAD AND VALVE, R/U IRON AND GET READY TO RESUME FRAC OP'S

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	08:00	2.00	P	WBREMD	26	SETC	RIH W/ WL. CORRELATE W/ MJ AT 5784'. FREE FALL TO 6503'. TRACTOR TO 6790'. LOG UP TO 6600' FOR CORRELATION. ON DEPTH. SET CBP @ 6691'. POH. LD TRACTOR. RD WL. ND WL BOP.
08:00	09:30	1.50	P	CTU	32	SLKL	NU CT BOP ASSEMBLY. LD CT BHA #1. LIGHT WEAR AND SCARRING ON STRING MILL. FINE DEBRIS ON MAGNET.
09:30	15:00	5.50	P	WBREMD	45	CASPROB	SICP 980. MU ENVENTURE "SET" EXPANDABLE LINER/ CASING PATCH (30' X 4.35" OD X 3.75" ID PRE-EXPANSION. POST EXPANSION ID 4.06", DRIFT 4.001") ASSEMBLY ON CT BHA #2 - XO, DISCONNECT, JAR, DFCV, CONNECTOR. RIH. TOOLS SET DOWN AT TBG HEAD. VARIED PUMP RATES AND HARD SD AND WORK THROUGH. RIH AT 100 FPM IN VERTICAL SECTION PUMPING 1 BPM AND HOLDING 1200 PSI WHP. DROP TO 30 FPM THROUGH CURVE AND LATERAL SECTION. TAG UP AT 6,645' CTUM PUMPING 1 BPM. PU AND REPEAT TAG AT 2 BPM RATE AT SAME LOCATION. PUH 12' OFF BOTTOM TO 6,633' CTUM. PU WT 22,000#. LOAD 13/16" BALL IN CT REEL. PUMP DOWN AT 1.5 BPM. BALL SEATED AFTER 80 BBLS PUMPED. PRESSURED CT TO 7000 PSI TO BEGIN EXPANSION AND ANCHOR PATCH. OBSERVED WEIGHT LOSS INDICATING MOVEMENT OF SETTING CONE AS PLANNED. BD PRESSURE TO 2000 PSI. PULL TEST TO 40,000# TO VERFIY LINER IS ANCHORED. INCREASE PUMP PRESSURE TO 6000 PSI AT .25 BPM AND PULL TO MAINTAIN TENSION. OBSERVED TENSION CHANGES AS SETTING CONE PULLED THROUGH BLANK PIPE AND SEAL AREAS - POSITIVE INDICATION OF PROPER SETTING. PULL FREE FROM CASING PATCH. (TIME TO STROKE AND EXPAND PATCH WAS 12 MINUTES.) PUH TO 6,577'. STOP AND SD PUMP. WHP DROPPED TO 0 PSI (GOOD NEGATIVE TEST). PRESSURE TEST PLUG TO 5000 PSI FOR 5 MINUTES. LOST 150 PSI IN 5 MINUTES. POH W/ CT. LD SETTING TOOL ASSEMBLY.
15:00	17:30	2.50	P	CTU	45	CASPROB	MU BHA #3 - 4" BLADED MILL, XO, REVERSE SUB, 3.125" MOTOR, DISCONNECT, BI-DIRECTIONAL JAR, DFCV, CONNECTOR. 25.05' OA. PRESSURE TEST RISER AND STACK TO 8000 PSI. OW AND RIH AT 16:00 HRS. TAG ALUMINUM SHOE AT 6,636 CTM START MILLING OP'S
17:30	18:00	0.50	P	CTU	45	CASPROB	SAFETY AND JSA MEETING WITH NIGHT CREW, DISCUSS MILLING AND TESTING SAFETY
18:00	20:30	2.50	P	CTU	45	CASPROB	MILLING ON ALUMINUM SHOE WITH 3.5 BBLS / MIN IN AND OUT, TOTAL MILLING TIME 1HR 40 MIN SHOE GONE, P/U AND RUN BACK DOWN TO VERIFY SHOE IS GONE. WAIT ON SWEEP TO EXIT COIL AND GET ABOVE US, CLOSE CHOKE AND PRESSURE UP SLOWLY TO 8,000 PSI AS PER PROCEDURE, HELD SOLID FOR 15 MIN, SEND PIC OF CHART TO OP'S SUPVR AND ENGINEER, TOLD IT WAS GOOD AND PROCEED WITH DRILLING UP COMP PLUG
20:30	23:30	3.00	P	CTU	45	CASPROB	TAG COMP PLUG AT 6,649' CTM. BRING PUMP UP TO 3.5 BPM AND SET RET RATE TO SAME 3.5 BPM. DRILL PLUG IN 45 MIN. SEND 10 BBL SWEEP AND CONT IN HOLE AT 60' / MIN. CK WT ON WAY DOWN EVERY 1500'. NO DRAG CLEAN P/U EACH TIME. RIH TO 12,100' AS PER PROCEDURE. SEND SWEEP ON BOTTOM
23:30	01:45	2.25	P	CTU	45	CASPROB	WHEN SWEEP OUT OF COIL START POOH, TIME LAST SWEEP TO BE OUT OF COIL AT THE HEEL, THEN FIN POOH TO SURFACE, SECURE WELL WITH UMMV AND HYD MASTER, B/O TO O.T.T, SICP WAS 800 PSI.
01:45	03:45	2.00	P	RDMO	02	RDMO	P/U INJ AND RISER, BREAK DOWN BHA, AND L/D RISERS, STAB INJ ONTO BOP, BLOW REEL DRY WITH N2. WHEN REEL DRY B/O ALL N2
03:45	05:30	1.75	P	RDMO	02	RDMO	R/D INJ AND BOP AND ALL COIL EQUIPT, START R/D SPARTAN 3" IRON AND PLUG CATCHER,
05:30	06:00	0.50	P	RDMO	28	SFTYMTG	HOLD SAFETY AND JSA MEETING WITH DAY CREW, NIGHT CREW CONT R/D AND M/O COIL EQUIPT.

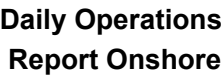
Daily Operations Comments:

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:		
9.625	1,216.00 / 1,216.00		Fluids Eng:	Qty	Description	ID	OD	Top Set(ft)
	/		Pit Temp:					94.00
9.625	1,216.00 / 1,216.00		Density:	2-7/8 ", 6.500 ppf, J-55, EUE		2.441	2.875	94.00
			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 4114AH/00

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

Report Number: 021
Report Date: 09/23/2016
Spud Date: 07/09/2016
Release Date:
DOE: 38 DOL: 21 AFE Days: 7.00
Last BOP T.: CSG Test:

Event: COMPLETION LAND
Safety Meeting Topic:
Location: Lat: 31° 0' 51.00294 N
Long: 101° 8' 3.04828 W

API #: 4210542325
Rig:
Rig Phone:
KB(ft):
POB: 46 Manhours: 353.00

Current Activity:	FRAC STAGE #14 @ REPORT TIME.
24 Hr Summary:	MIRU FRAC, WL. & FLOWBACK EQUIP. COMPLETE FRAC STAGES #13; WL STAGES #13, #14. PUMPED 285,860 # 100 MESH, 96,020 # 40/70 MESH & 8,685 BBLS SLICKWATER
24 Hr Forecast:	RESUME FRAC OP'S.

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	17:00	11.00	P	MIRU	01	MIRU	MIRU FRAC, WIRELINE AND FLOWBACK EQUIPMENT. REPLACE FLOWBACK WING SECTION WITH 4" WING SECTION. REINSTALL FRAC HEAD AND RISERS. PRESSURE TEST LINES TO 8000 PSI.
17:00	17:30	0.50	P	STG13	18	OTHR	SICP 800. OPEN WELL. FLUSH WELL WITH 309 BBLS FRW AT 45 BPM @ 4300 PSI. SD AND PREP FOR WL.
17:30	18:00	0.50	P	STG13	28	SFTYMTG	SAFETY MEETING AND JSA REVIEW WITH NIGHT SHIFT.
18:00	19:15	1.25	N	STG13	21	PERF	WL STAGE # 13. RU WL ON WELL. ATTEMPT TO TEST LUBRICATOR. UNABLE TO OBTAIN TEST DUE TO FLUID IN RETURNS ON GREASE LINE ON GREASE HEAD. WIRELINE WEIGHT INDICATOR NOT READING CORRECTLY. REMOVE LUBRICATOR FROM WELL & L/D SAME. FOUND VALVE CLOSED ON GREASE HEAD & ZERO OUT INDICATOR.
19:15	22:00	2.75	P	STG13	21	PERF	WL STAGE #13. R/U WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ 5.5" ECO CFP & 7 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 42 SHOTS. CORRELATE W/ MARKER JT AT 5,741' (TOP). PUMP DOWN THROUGH EXPANDABLE LINER @ 6,595 TO 6,636' (ELM) W/ 14 BPM @ 352# LINE TENSION. SET PLUG @ 11,924' PU & PERF ON THE FLY AT 11,924' - 11,791' O/A. LOG OUT OF HOLE FROM 11,791' TO TOP OF MARKER JOINT @ 5,741' (ELM). LD GUNS. ALL SHOTS FIRED. PUMPED 539 BBLS.
22:00	00:30	2.50	P	STG13	35	STIM	FRAC STAGE #13 SLICKWATER - SICP 1,729. PUMP 30 BBLS 15% ACID. PUMP 40 BBLS 15% VISC ACID. PUMP 285,860 LBS 100 MESH @ .5 - 2.5 PPA; PUMP 150 BBLS 15% VISC ACID. PUMP 96,020 LBS 40/70 @ 1.0 - 2.5 PPA. TOTAL FLUSH 310 BBL. ATP 4,624 . ATR 73.8 MTP 6,115 MTR 94.6. FISIP 3,103. FG 0.93. TCF 7,477 BBLS.
00:30	02:00	1.50	N	STG14	21	PERF	WL STAGE #14. R/U WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ 3.75 GR/JB & 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 5,741'. UNABLE TO GET PASSED TOP OF LINER/CASING PATCH @ 6,595' (ELM). MADE 3 ATTEMPTS @ 14, 16 & 20 BPM. POOH W/ GUNS. REMOVE GR/JB AND INSTALL BULL PLUG IN END OF GUNS.
02:00	03:45	1.75	P	STG14	21	PERF	WL STAGE # 14. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W BULL PLUG & 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 5,741'. RIH TO 11,762' PU & PERF ON THE FLY AT 11,604' - 11,737' O/A. POOH, LD GUNS. ALL SHOTS FIRED. PUMPED 669 BBLS.
03:45	06:00	2.25	P	STG14	35	STIM	FRAC STAGE #14 @ REPORT TIME. HELD SAFETY MEETING W/ DAY CREW AND REVIEWED JSA'S ON OPERATIONS.

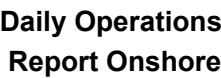
Daily Operations Comments:

EXPERIENCED ONE REPORTABLE INJURY.

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
9.625	1,216.00 / 1,216.00		Fluids Eng:	Qty	Description	ID	OD	Top Set(ft)
	/		Pit Temp:					94.00
9.625	1,216.00 / 1,216.00		Density:	2-7/8 ", 6.500 ppf, J-55, EUE		2.441	2.875	94.00
			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 / G.ALLGOOD / B.MITCHELL / R.
Engineer/Manager: SCHMELTZ, PETER / GRUBB, ALLEN

Report Number: 022
Report Date: 09/24/2016
Spud Date: 07/09/2016
Release Date:
DOE: 39 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' 51.00294 N	
	Long:	101° 8' 3.04828 W	

API #: 4210542325
Rig:
Rig Phone:
KB(ft):
POB: 46 Manhours: 353.00

Current Activity:	SCHEDULE REHEAD AND GREASE.
24 Hr Summary:	COMPLETE FRAC STAGES #14,15,16,17; WL STAGES #15,16,17,18. PUMPED 1,130,740 # 100 MESH, 386,500 # 40/70 MESH & 31,281 BBLs SLICKWATER
24 Hr Forecast:	RESUME FRAC OP'S.

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:15	0.25	P	STG14	35	STIM	FRAC STAGE #14 SLICKWATER - SICP 1,989. PUMP 60 BBLS 15% ACID; FRW FLUSH; 46 BBLS VISC ACID; FRW SWEEP; 283,120 LBS 100 MESH @ .5 - 2.5 PPA; FRW FLUSH; 189 BBLS 15% VISC ACID; FRW FLUSH; 96,800 LBS 40/70 @ 1.0 - 2.5 PPA; FLUSH 305 BBL. ATP 4,462. ATR 75.1. MTP 6,419. MTR 91.6. FISIP 2,968. FG 0.91. TCF 7,157 BBLS.
06:15	08:15	2.00	P	STG15	21	PERF	WL STAGE # 15. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W BULL PLUG & 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 5,741'. RIH TO 11,562' PU & PERF ON THE FLY AT 11,417' - 11,572' O/A. POOH. LD GUNS. ALL SHOTS FIRED. PUMPED 530 BBLS. NOTE: PUMP THROUGH CASING PATCH AT 16 BPM. HAD TO GO TO 22 BPM TO CONTINUE MOVEMENT BELOW PATCH AT 220 FPM.
08:15	08:30	0.25	P	STG15	35	STIM	PRIME AND TEST PUMPS AND SET POP-OFF.
08:30	10:40	2.17	P	STG15	35	STIM	FRAC STAGE #15 SLICKWATER - SICP 1,985. PUMP 30 BBLS 15% ACID; FRW FLUSH; 40 BBLS VISC ACID; FRW SWEEP; 284,760 LBS 100 MESH @ .5 - 2.5 PPA; FRW FLUSH; 150 BBLS 15% VISC ACID; FRW FLUSH; 96,320 LBS 40/70 @ 1.0 - 2.5 PPA; FLUSH 306 BBL. ATP 4,299. ATR 72.9. MTP 5,638. MTR 90.9. FISIP 3,055. FG 0.93. TCF 7,274 BBLS.
10:40	14:30	3.83	P	STG16	21	PERF	WL STAGE # 16. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W BULL PLUG & 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 5,741'. RIH TO 11,400' PU & PERF ON THE FLY AT 11,230' - 11,385' O/A. POOH. LD GUNS. ALL SHOTS FIRED. PUMPED 632 BBLS. NOTE: INITIALLY TAGGED THE TOP OF CASING PATCH ON FIRST ATTEMPT AT 17 BPM, WORKED THROUGH CASING PATCH ON FOURTH ATTEMPT AT 20 BPM.
14:30	16:15	1.75	P	STG16	35	STIM	FRAC STAGE #16 SLICKWATER - SICP 2,081. PUMP 30 BBLS 15% ACID; FRW FLUSH; 40 BBLS VISC ACID; FRW SWEEP; 279,740 LBS 100 MESH @ .5 - 2.5 PPA; FRW FLUSH; 150 BBLS 15% VISC ACID; FRW FLUSH; 96,820 LBS 40/70 @ 1.0 - 2.5 PPA; FLUSH 296 BBL. ATP 4,318. ATR 74.6. MTP 6,111. MTR 91.2. FISIP 3,027. FG 0.92. TCF 6,886 BBLS.
16:15	19:00	2.75	P	STG17	21	PERF	WL STAGE # 17. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W BULL PLUG & 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 5,741'. RIH TO 11,190' PU & PERF ON THE FLY AT 11,043' - 11,197' O/A. POOH. LD GUNS. ALL SHOTS FIRED. PUMPED 664 BBLS. NOTE: PASSED THRU PATCH ON FIRST ATTEMPT, BUT PUMP LOST RATE, PULLED UP 100', GOT BACK BACK IN TO IT AT 22 BPM. CONTINUED TO PERF DEPTH.
19:00	22:30	3.50	P	STG17	73	WOOWO	WAITING ON OTHER WELL OPERATIONS.
22:30	01:30	3.00	P	STG17	35	STIM	FRAC STAGE #17 SLICKWATER - SICP 1,776. PUMP 60 BBLS 15% ACID; FRW FLUSH; 40 BBLS VISC ACID; FRW SWEEP; 283,120 LBS 100 MESH @ .5 - 2.5 PPA; FRW FLUSH; 150 BBLS 15% VISC ACID; FRW FLUSH; 96,560 LBS 40/70 @ 1.0 - 2.5 PPA; FLUSH 276 BBL. ATP 4,132. ATR 74.9. MTP 6,192. MTR 90.8. FISIP 2,884. FG .90. TCF 7119 BBLS.
01:30	05:00	3.50	P	STG18	21	PERF	WL STAGE #18. R/U WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ 5.5" ECO CFP & 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 5,784' (TOP). PUMP DOWN THROUGH EXPANDABLE LINER @ 6,595 TO 6,636' (ELM) W/ 16 BPM @ 563# LINE TENSION. SET PLUG @ 11,028' PU & PERF ON THE FLY AT 10,856' - 11,011' O/A. POOH LD GUNS. ALL SHOTS FIRED. PUMPED 356 BBLS.
05:00	06:00	1.00	P	STG18	18	OTHR	SCHEDULE GREASE ON STACK. HELD SAFETY MEETING WITH DAY CREWS ON FRAC OPERATIONS AND REVIEW JSA'S.

Daily Operations Comments:

EXPERIENCED ONE REPORTABLE INJURY.

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
9.625	1,216.00 / 1,216.00		Fluids Eng:	Qty	Description	ID	OD	Top Set(ft)
9.625	1,216.00 / 1,216.00		Pit Temp:					94.00
			Density:		2-7/8 ", 6.500 ppf, J-55, EUE	2.441	2.875	94.00
			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: 09/25/2016
Spud Date: 07/09/2016
Release Date:
DOE: 40 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' 51.00294 N
Long: 101° 8' 3.04828 W

API #: 4210542325
Rig:
Rig Phone:
KB(ft):
POB: 46 Manhours: 353.00

Current Activity:	ATTEMPT TO FREE STUCK GUNS IN FRAC STACK.
24 Hr Summary:	COMPLETE FRAC STAGES #18, #19, #20.; WL STAGES #19, #20, #21. PUMPED 852,660 # 100 MESH, 290,740 # 40/70 MESH & 22,598 BBLs SLICKWATER.
24 Hr Forecast:	RESUME FRAC OP'S.

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	08:20	2.33	N	STG18	18	OTHR	REPACKING 3 FRAC PUMPS
08:20	10:15	1.92	P	STG18	35	STIM	FRAC STAGE #18 SLICKWATER - SICP 1,750. PUMP 60 BBLS 15% ACID; FRW FLUSH; 46 BBLS VISC ACID; FRW SWEEP; 287,620 LBS 100 MESH @ .5 - 2.5 PPA; FRW FLUSH; 210 BBLS 15% VISC ACID; FRW FLUSH; 96,560 LBS 40/70 @ 1.0 - 2.5 PPA; FLUSH 305 BBL. ATP 4,233. ATR 72.6. MTP 5,836. MTR 90.9. FISIP 3,005. FG 0.92. TCF 7,142 BBLS.
10:15	13:15	3.00	P	STG19	21	PERF	WL STAGE #19. R/U 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 5,739' (TOP). PUMP DOWN THROUGH EXPANDABLE LINER @ 6,595 TO 6,636' (ELM) W/ 20 BPM @ 620# LINE TENSION. PERF ON THE FLY AT 10,669' - 10,824' O/A. POOH LD GUNS. ALL SHOTS FIRED. PUMPED 497 BBLS. NOTE: TOOL STRING STOPPED MOVING AT 6,800'. PULLED UP TO SEE GOOD COLLAR INDICATION AND BROUGHT RATE TO 22 BPM AND PROCEEDED TO PLANNED DEPTH AT 250 FT/MIN.
13:15	14:45	1.50	P	STG19	73	WOOWO	WAITING ON RE-HEAD
14:45	16:40	1.92	P	STG19	35	STIM	FRAC STAGE #19 SLICKWATER - SICP 1,765. PUMP 60 BBLS 15% ACID; FRW FLUSH; 46 BBLS VISC ACID; FRW SWEEP; 280,120 LBS 100 MESH @ .5 - 2.5 PPA; FRW FLUSH; 210 BBLS 15% VISC ACID; FRW FLUSH; 96,600 LBS 40/70 @ 1.0 - 2.5 PPA; FLUSH 292 BBL. ATP 4,168. ATR 77.4. MTP 5,455. MTR 91.9. FISIP 2,998. FG 0.91.0. TCF 7,228 BBLS.
16:40	17:30	0.83	P	STG20	73	WOOWO	WAITING ON WELL SWAP
17:30	20:40	3.17	P	STG20	21	PERF	WL STAGE #20. R/U 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 5,739' (TOP). PUMP DOWN THROUGH EXPANDABLE LINER @ 6,595 TO 6,636' (ELM) W/ 23.3 BPM @ 697# LINE TENSION. PERF ON THE FLY AT 10,593' - 10,482' O/A. POOH LD GUNS. ALL SHOTS FIRED. PUMPED 401 BBLS
20:40	23:30	2.83	P	STG20	35	STIM	FRAC STAGE #20 SLICKWATER - SICP 1,772. PUMP 30 BBLS 15% ACID; FRW FLUSH; 40 BBLS VISC ACID; FRW SWEEP; 284,920 LBS 100 MESH @ .5 - 2.5 PPA; FRW FLUSH; 150 BBLS 15% VISC ACID; FRW FLUSH; 97,580 LBS 40/70 @ 1.0 - 2.5 PPA; FLUSH 286 BBL. ATP 4,266. ATR 75.9. MTP 6,100. MTR 91.9. FISIP 3,164. FG 0.94.0. TCF 7356 BBLS.
20:40	18:00		P	STG20	28	SFTYMTG	JSA MEETING
23:30	02:30	3.00	P	STG21	21	PERF	WL STAGE #21. R/U 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 5,739' (TOP). PUMP DOWN THROUGH EXPANDABLE LINER @ 6,595 TO 6,636' (ELM) W/ 23.1 BPM @ 715# LINE TENSION. PERF ON THE FLY AT 10,295' - 10,450' O/A. POOH LD GUNS. ALL SHOTS FIRED. PUMPED 332 BBLS
02:30	04:00	1.50	N	STG21	18	OTHR	WHILE POOH W/ WIRE W/L HUNG IN STACK OR TUBES IN GREASE HEAD 47' FROM BEING BUMPED UP. MAX PULLED ON LINE 1000#. UNABLE TO GO DOWN OR UP. GUNS ESTIMATED TO BE ACROSS W/L BOP'S AND VALVES ON STACK. ATTEMPT TO PUMP GUNS BACK DOWN W/ PUMP DOWN PUMPS @ 20 BPM W/ NO SUCCESS. R/U YELLOW JACKET TEST PUMP ON GREASE LINE TO ATTEMPT TO PRESSURE UP ON GREASE HEAD TO PUMP LINE BACK DOWN.
04:00	05:00	1.00	N	STG21	43	WOW	SHUT DOWN DUE TO LIGHTNING.
05:00	06:00	1.00	N	STG21	18	OTHR	CONTINUE TRYING TO FREE STUCK W/L.

Daily Operations Comments:

EXPERIENCED ONE REPORTABLE INJURY.

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
9.625	1,216.00 / 1,216.00		Fluids Eng:	Qty	Description	ID	OD	Top Set(ft)
	/		Pit Temp:					94.00
9.625	1,216.00 / 1,216.00		Density:	2-7/8 ", 6.500 ppf, J-55, EUE		2.441	2.875	94.00
			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 4114AH/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: 09/26/2016
Spud Date: 07/09/2016
Release Date:
DOE: 41 DOL: 24 AFE Days: 7.00
Last BOP T.: CSG Test:

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat: 31° 0' 51.00294 N
Long: 101° 8' 3.04828 W

API #: 4210542325
Rig:
Rig Phone:
KB(ft):
POB: 46 Manhours: 353.00

Current Activity:	PERFORATE STAGE #23 @ REPORT TIME.
24 Hr Summary:	COMPLETE FRAC STAGES #21, #22; WL STAGES #22. PUMPED 573,680 # 100 MESH, 192,260 # 40/70 MESH & 14,229 BBLS SLICKWATER.
24 Hr Forecast:	RESUME FRAC OP'S.

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	STG21	28	SFTYMTG	JSA MEETING, DISCUSSED WEATHER, SLIP, TRIP, FALLS, H.E.I.P.
06:30	16:30	10.00	N	STG21	21	PERF	PUMP ON GREASE LINE TO ATTEMPT TO PRESSURE UP ON GREASE HEAD TO PUMP LINE BACK DOWN. PULLED LINE TENSION UP TO 1,600 LB AND BROUGHT TOOL STRING UP IN LUBRICATOR TO CLOSE IN WELL. REMOVE WIRE STUCK IN FLOW TUBES AND WAIT ON NEW FLOW TUBES. PUT IN NEW FLOW TUBES AND REHEAD.
16:30	18:45	2.25	P	STG21	35	STIM	FRAC STAGE #21 SLICKWATER - SICP 1,686. PUMP 60 BBLS 15% ACID; FRW FLUSH; 40 BBLS VISC ACID; FRW SWEEP; 284,680 LBS 100 MESH @ .5 - 2.5 PPA; FRW FLUSH; 150 BBLS 15% VISC ACID; FRW FLUSH; 96,100 LBS 40/70 @ 1.0 - 2.5 PPA; FLUSH 268 BBL. ATP 4,121. ATR 72.7. MTP 6,039. MTR 91.1. FISIP 2,849. FG 0.89.0. TCF 6,822 BBLS.
18:45	23:45	5.00	P	STG22	18	OTHR	PERF & FRAC 41-14 CH WHILE WAITING ON DUMMY PLUGS TO ARRIVE ON LOCATION.
23:45	02:15	2.50	P	STG22	21	PERF	WL STAGE #22. R/U 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 5,739' (TOP). PUMP DOWN THROUGH EXPANDABLE LINER @ 6,595 TO 6,636' (ELM) W/ 11 BPM @ 595# LINE TENSION. PERF ON THE FLY AT 10,108' - 10,263' O/A. POOH LD GUNS. ALL SHOTS FIRED. PUMPED 269 BBLS NOTE; USED BAKER 10 SETTING TOOL WITH 3.875" SLEEVE AND 3.9" COMPOSITE DUMMY PLUG FOR CARRIER. MUCH BETTER RESULTS.
02:15	05:00	2.75	P	STG22	35	STIM	FRAC STAGE #22 SLICKWATER - SICP 1,923. PUMP 30 BBLS 15% ACID; FRW FLUSH; 40 BBLS VISC ACID; FRW SWEEP; 289,000 LBS 100 MESH @ .5 - 2.5 PPA; FRW FLUSH; 150 BBLS 15% VISC ACID; FRW FLUSH; 96,160 LBS 40/70 @ 1.0 - 2.5 PPA; FLUSH 272 BBL. ATP 4,194. ATR 75.8. MTP 5,249. MTR 91.6. FISIP 2,848. FG 0.89.0. TCF 6,806 BBLS.
05:00	06:00	1.00	P	STG23	21	PERF	PERFORATE STAGE # 23 @ REPORT TIME.

Daily Operations Comments:

EXPERIENCED ONE REPORTABLE INJURY.

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
9.625	1,216.00 / 1,216.00		Fluids Eng:	Qty	Description	ID	OD	Top Set(ft)
	/		Pit Temp:					94.00
9.625	1,216.00 / 1,216.00		Density:	2-7/8 ", 6.500 ppf, J-55, EUE		2.441	2.875	94.00
			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

<div><div>EPENERGY</div><div>Daily Operations Report Onshore</div></div>			Well Name/Wellbore No.: UNIVERSITY SALT DRAW 4114AH/00			Report Number: 025 Report Date: 09/27/2016 Spud Date: 07/09/2016 Release Date: DOE: 42DOL.: 25AFE Days: 7.00 Last BOP T.:CSG Test:		
Data shared on this report is CONFIDENTIAL			Country: USA State: TEXAS Field: SALT DRAW Supervisors: J.GARCIA/ B.MITCHELL / R. VONDENSTEIN / M. Engineer/Manager: SCHMELTZ, PETER / GRUBB, ALLEN					
Event: COMPLETION LAND Safety Meeting Topic:			API #: 4210542325 Rig: Rig Phone: KB(ft): POB: 46Manhours: 353.00					
Location: Lat: 31° 0' 51.00294 N Long: 101° 8' 3.04828 W								

Current Activity:	PERFORATE STAGE #27 @ REPORT TIME.
24 Hr Summary:	COMPLETE FRAC STAGES #23, #24, #25, #26; WL STAGES #23, #24, #25, #26. PUMPED 1,140,460 # 100 MESH, 386,180 # 40/70 MESH & 28,530 BBLS SLICKWATER.
24 Hr Forecast:	RESUME FRAC OP'S.

OPERATION DETAILS							
FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	08:35	2.58	P	STG23	21	PERF	WL STAGE #23. R/U 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 5,739' (TOP). PUMP DOWN THROUGH EXPANDABLE LINER @ 6,595 TO 6,636' (ELM) W/ 16 BPM @ 700# LINE TENSION. SET PLUG AT 10,091' AND PERF ON THE FLY AT 9,919' - 10,076' O/A. POOH LD GUNS. ALL SHOTS FIRED. PUMPED 309 BBLS NOTE; WHEN PULLING OUT OF HOLE, GOT HUNG UP WITH BOTTOM OF TOOL STRING AT 6,608' (MIDDLE OF PATCH). PUMPED TOOL STRING BACK DOWN 300' AND PULLED OUT OF HOLE AT 150 FT/MIN WITHOUT ISSUE .
08:35	10:20	1.75	P	STG23	35	STIM	FRAC STAGE #23 SLICKWATER - SICP 1,853. PUMP 30 BBLS 15% ACID; FRW FLUSH; 40 BBLS VISC ACID; FRW SWEEP; 285,520 LBS 100 MESH @ .5 - 2.5 PPA; FRW FLUSH; 75 BBLS 15% VISC ACID; FRW FLUSH; 96,000 LBS 40/70 @ 1.0 - 2.5 PPA; FLUSH 267 BBL. ATP 4,533. ATR 81.2. MTP 6,177. MTR 90.5. FISIP 2,937. FG 0.91 TCF 7,002 BBLS.
10:20	11:36	1.27	P	STG24	18	OTHR	RE-HEAD WIRELINE
11:36	13:25	1.82	P	STG24	21	PERF	WL STAGE #24. R/U WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ DUMMY 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 5,739' (TOP). PUMP DOWN THROUGH EXPANDABLE LINER @ 6,595 TO 6,636' (ELM) W/ 11 BPM @ 565# LINE TENSION. PERF ON THE FLY AT 9,734' - 9,889' O/A. POOH LD GUNS. ALL SHOTS FIRED. PUMPED 262 BBLS NOTE; PULLED THROUGH PATCH AT 100 FT/MIN WITHOUT ISSUE, ONLY GAINED 150 LB ON LINE TENSION THROUGH PATCH.
13:25	14:25	1.00	P	STG24	73	WOOWO	WAITING ON FRAC C-H OPS
14:25	16:05	1.67	P	STG24	35	STIM	FRAC STAGE #24 SLICKWATER - SICP 2,022. PUMP 30 BBLS 15% ACID; FRW FLUSH; 20 BBLS VISC ACID; FRW SWEEP; 291,320 LBS 100 MESH @ .5 - 2.5 PPA; FRW FLUSH; 75 BBLS 15% VISC ACID; FRW FLUSH; 96,180 LBS 40/70 @ 1.0 - 2.5 PPA; FLUSH 264 BBL. ATP 4,180. ATR 78.7. MTP 5,389. MTR 92.4. FISIP 3,188. FG 0.95 TCF 6,782 BBLS.
16:05	18:45	2.67	P	STG25	21	PERF	WL STAGE #25. R/U WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ DUMMY PLUG AND GUNS 6 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 36 SHOTS. CORRELATE W/ MARKER JT AT 5,739' (TOP). PUMP DOWN THROUGH EXPANDABLE LINER @ 6,595 TO 6,636' (ELM) W/ 11 BPM @ 600# LINE TENSION. PERF ON THE FLY AT 9,591' - 9,702' O/A. POOH LD GUNS. ALL SHOTS FIRED. PUMPED 221 BBLS NOTE; PULLED THROUGH PATCH AT 100 FT/MIN.
18:45	21:30	2.75	P	STG25	35	STIM	FRAC STAGE #25 SLICKWATER - SICP 2,017. PUMP 30 BBLS 15% ACID; FRW FLUSH; 20 BBLS VISC ACID; FRW SWEEP; 276,920 LBS 100 MESH @ .5 - 2.5 PPA; FRW FLUSH; 75 BBLS 15% VISC ACID; FRW FLUSH; 97,000 LBS 40/70 @ 1.0 - 2.5 PPA; FLUSH 260 BBL. ATP 4,290. ATR 81.0. MTP 5,544. MTR 90.9. FISIP 2,873. FG 0.90 TCF 6,888 BBLS.
21:30	00:49	3.32	P	STG26	21	PERF	WL STAGE #26. R/U WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ DUMMY 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 5,739' (TOP). PUMP DOWN THROUGH EXPANDABLE LINER @ 6,595 TO 6,636' (ELM) W/ 11 BPM @ 484# LINE TENSION. PERF ON THE FLY AT 9,360' - 9,515' O/A. POOH LD GUNS. ALL SHOTS FIRED. PUMPED 276 BBLS NOTE; PULLED THROUGH PATCH AT 100 FT/MIN.
00:49	03:00	2.18	P	STG26	35	STIM	FRAC STAGE #26 SLICKWATER - SICP 1,809. PUMP 60 BBLS 15% ACID; FRW FLUSH; 20 BBLS VISC ACID; FRW SWEEP; 286,700 LBS 100 MESH @ .5 - 2.5 PPA; FRW FLUSH; 75 BBLS 15% VISC ACID; FRW FLUSH; 97,000 LBS 40/70 @ 1.0 - 2.5 PPA; FLUSH 252 BBL. ATP 4,273. ATR 80.2. MTP 5,414 MTR 91.0. FISIP 3,328. FG 0.97 TCF 6,790 BBLS.
03:00	04:30	1.50	P	STG27	18	OTHR	SCHEDULED REHEAD, GREASE AND TORQUE STACKS.
04:30	06:00	1.50	P	STG27	21	PERF	PERFORATE STAGE # 27 @ REPORT TIME.

Daily Operations Comments:
EXPERIENCED ONE REPORTABLE INJURY.

CASING			FLUIDS		COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Fluids Eng:	Down Hole Tool Co:		Tool Sup:		
9.625	1,216.00 / 1,216.00		Pit Temp:	Density:	Qty	Description	ID	OD	Top Set(ft)
9.625	1,216.00 / 1,216.00		Brine Type:	Gel Type:	2-7/8 ", 6.500 ppf, J-55, EUE		2.441	2.875	94.00
			Viscosity:	Nitrogen:					
			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

<div><div>EPENERGY</div><div>Daily Operations Report Onshore</div></div>		Well Name/Wellbore No.: UNIVERSITY SALT DRAW 4114AH/00		Report Number: 026 Report Date: 09/28/2016 Spud Date: 07/09/2016 Release Date: DOE: 43DOL: 26AFE Days: 7.00 Last BOP T.:CSG Test:	
Data shared on this report is CONFIDENTIAL		Country: USA State: TEXAS Field: SALT DRAW Supervisors: J.GARCIA/ B.MITCHELL / R. VONDENSTEIN / M. Engineer/Manager: SCHMELTZ, PETER / GRUBB, ALLEN			
Event: COMPLETION LAND Safety Meeting Topic:		API #: 4210542325 Rig: Rig Phone: KB(ft): POB: 46Manhours: 353.00			
Location: Lat: 31° 0' 51.00294 N Long: 101° 8' 3.04828 W					

Current Activity:	PERFORATE STAGE #31 @ REPORT TIME.
24 Hr Summary:	COMPLETE FRAC STAGES #27, #28, #29, #30; WL STAGES #27, #28, #29, #30. PUMPED 1,152,840 # 100 MESH, 387,920 # 40/70 MESH & 28,327 BBLS SLICKWATER.
24 Hr Forecast:	RESUME FRAC OP'S.

OPERATION DETAILS							
FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	07:30	1.50	P	STG27	21	PERF	WL STAGE #27. R/U WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ DUMMY 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 5,739' (TOP). PUMP DOWN THROUGH EXPANDABLE LINER @ 6,595 TO 6,636' (ELM) W/ 11 BPM @ 487# LINE TENSION. PERF ON THE FLY AT 9,173' - 9,328' O/A. POOH LD GUNS. ALL SHOTS FIRED. PUMPED 229 BBLS NOTE; PULLED THROUGH PATCH AT 100 FT/MIN.
07:30	09:50	2.33	P	STG27	35	STIM	FRAC STAGE #27 SLICKWATER - SICP 2.972. PUMP 60 BBLS 15% ACID; FRW FLUSH; 20 BBLS VISC ACID; FRW SWEEP; 285,380 LBS 100 MESH @ .5 - 2.5 PPA; FRW FLUSH; 75 BBLS 15% VISC ACID; FRW FLUSH; 97,000 LBS 40/70 @ 1.0 - 2.5 PPA; FLUSH 252 BBL. ATP 4,156. ATR 77.5. MTP 6,194 MTR 91.1. FISIP 2,972. FG 0.91 TCF 7,051 BBL. HAD TO SHUT DOWN AFTER WE DISPLACE THE ACID DUE TO A HYDRAULIC CAP WAS NOT INSTALLED ON ONE OF THE HYDRAULIC MOTORS ON THE BLENDER .
09:50	10:20	0.50	P	STG28	18	OTHR	SWAPPING WELLS, MO WIRELINE
10:20	11:20	1.00	P	STG28	21	PERF	WL STAGE #28. R/U 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 5,739' (TOP). PUMP DOWN THROUGH EXPANDABLE LINER @ 6,595 TO 6,636' (ELM) W/ 16 BPM @ 600# LINE TENSION. SET PLUG AT 9,156' AND PERF ON THE FLY AT 8,986' - 9,141' O/A. POOH LD GUNS. ALL SHOTS FIRED. PUMPED 230 BBLS NOTE; PULLED THROUGH PATCH AT 150'/MIN. RETAINER SPRING RING AND SPRING FROM SETTING TOOL LEFT ON TOP OF PLUG. 13" LONG & 3" O.D.
11:20	13:15	1.92	P	STG28	18	OTHR	WAITING ON ON C-H FRAC OPS
13:15	15:10	1.92	P	STG28	35	STIM	FRAC STAGE #28 SLICKWATER - SICP 2.875. PUMP 60 BBLS 15% ACID; FRW FLUSH; 20 BBLS VISC ACID; FRW SWEEP; 288,380 LBS 100 MESH @ .5 - 2.5 PPA; FRW FLUSH; 75 BBLS 15% VISC ACID; FRW FLUSH; 96,660 LBS 40/70 @ 1.0 - 2.5 PPA; FLUSH 244 BBL. ATP 4,522. ATR 78.4. MTP 6,454 MTR 90.9. FISIP 2,789. FG 0.88 TCF 7,307 BBL.
15:10	15:40	0.50	P	STG29	18	OTHR	SWAPPING WELLS, MO WIRELINE
15:40	19:00	3.33	P	STG29	21	PERF	WL STAGE #29. R/U WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ DUMMY 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 5,739' (TOP). PUMP DOWN THROUGH EXPANDABLE LINER @ 6,595 TO 6,636' (ELM) W/ 11 BPM @ 540# LINE TENSION. PERF ON THE FLY AT 8,799' - 8,953' O/A. POOH LD GUNS. ALL SHOTS FIRED. PUMPED 184 BBLS NOTE; PULLED THROUGH PATCH AT 100'/MIN
19:00	20:00	1.00	P	STG29	21	PERF	REMOVE WIRELINE FROM WELL, WHILE FRAC SHUT DOWN DUE TO BLENDER PROBLEMS.
20:00	21:00	1.00	P	STG29	73	WOOWO	WAIT ON "CH" FRAC COMPLETION.
21:00	22:45	1.75	P	STG29	35	STIM	FRAC STAGE #29 SLICKWATER - SICP 1,721. PUMP 30 BBLS 15% ACID; FRW FLUSH; 20 BBLS VISC ACID; FRW SWEEP; 290,820 LBS 100 MESH @ .5 - 2.5 PPA; FRW FLUSH; 75 BBLS 15% VISC ACID; FRW FLUSH; 97,420 LBS 40/70 @ 1.0 - 2.5 PPA; FLUSH 241 BBL. ATP 4,307. ATR 79.4. MTP 6,062 MTR 91.0. FISIP 3,098. FG 0.93 TCF 6673 BBL.
22:45	02:45	4.00	P	STG30	21	PERF	WL STAGE #30. R/U WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ DUMMY 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 5,739' (TOP). PUMP DOWN THROUGH EXPANDABLE LINER @ 6,595 TO 6,636' (ELM) W/ 11 BPM @ 438# LINE TENSION. PERF ON THE FLY AT 8,612' - 8,767' O/A. POOH LD GUNS. ALL SHOTS FIRED. PUMPED 186 BBLS NOTE; PULLED THROUGH PATCH AT 97' FPM WITH 1184 #LT COMING THRU PATCH
02:45	05:00	2.25	P	STG30	35	STIM	FRAC STAGE #30 SLICKWATER - SICP 1,898. PUMP 60 BBLS 15% ACID; FRW FLUSH; 20 BBLS VISC ACID; FRW SWEEP; 288,260 LBS 100 MESH @ .5 - 2.5 PPA; FRW FLUSH; 75 BBLS 15% VISC ACID; FRW FLUSH; 96,840 LBS 40/70 @ 1.0 - 2.5 PPA; FLUSH 234 BBL. ATP 4,275. ATR 78.1. MTP 6,355 MTR 91.6. FISIP 2,869. FG 0.90 TCF 6,520 BBL.
05:00	06:00	1.00	P	STG31	21	PERF	PERFORATE STAGE #31 @ REPORT TIME.

Daily Operations Comments:
EXPERIENCED ONE REPORTABLE INJURY.

CASING			FLUIDS		COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:		Down Hole Tool Co:		Tool Sup:		
9.625	1,216.00 / 1,216.00		Fluids Eng:		Qty	Description	ID	OD	Top Set(ft)
9.625	1,216.00 / 1,216.00	/	Pit Temp:		2-7/8 ", 6.500 ppf, J-55, EUE		2.441	2.875	94.00
			Density:						
			Brine Type:						
			Gel Type:						
			Viscosity:						
			Nitrogen:						
			NTU:						
			FLOWBACK						
			Gas Rate:						
			Choke Size:						
			Avg. Tbg. Press:						
			Avg. Csg. Press:						
			Fluid Rate (Water):						
			Fluid Rate (Oil):						
			Tot. Load Recovered:						

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



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

Report Number: 027
Report Date: 09/29/2016
Spud Date: 07/09/2016
Release Date:
DOE: 44 DOL: 27 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' 51.00294 N
Long: 101° 8' 3.04828 W

API #: 4210542325
Rig:
Rig Phone:
KB(ft):
POB: 46 Manhours: 353.00

Current Activity:	PERFORATE STAGE #35 @ REPORT TIME.
24 Hr Summary:	COMPLETE FRAC STAGES #31, #32, #33, #34; WL STAGES #31, #32, #33, #34, #35. PUMPED 1,130,440 # 100 MESH, 386,480 # 40/70 MESH & 26,396 BBLs SLICKWATER.
24 Hr Forecast:	RESUME FRAC OP'S.


OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	07:15	1.25	P	STG31	21	PERF	WL STAGE #31. R/U WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ DUMMY 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 5,739' (TOP). PUMP DOWN THROUGH EXPANDABLE LINER @ 6,595 TO 6,636' (ELM) W/ 11 BPM @ 530# LINE TENSION. PERF ON THE FLY AT 8,425' - 8,579' O/A. POOH LD GUNS. ALL SHOTS FIRED. PUMPED 165 BBLs NOTE; PULLED THROUGH PATCH AT 100 FT/MIN. TENSION WENT FROM 983# TO 1480#. STOPPED AND PUMPEP TOOLS BACK DOWN 100' AND PULLED BACK THROUGH PATCH WITHOUT ISSUE.
07:15	09:00	1.75	P	STG31	18	OTHR	W/L AT 200'
09:00	09:55	0.92	P	STG31	18	OTHR	SWAPPING WELLS
09:55	11:35	1.67	P	STG31	35	STIM	FRAC STAGE #31 SLICKWATER - SICP 1,746. PUMP 60 BBLs 15% ACID; FRW FLUSH; 20 BBLs VISC ACID; FRW SWEEP; 286,140 LBS 100 MESH @ .5 - 2.5 PPA; FRW FLUSH; 75 BBLs 15% VISC ACID; FRW FLUSH; 96,060 LBS 40/70 @ 1.0 - 2.5 PPA; FLUSH 231 BBL. ATP 3,900. ATR 80.3. MTP 5,259 MTR 90.1. FISIP 2,875. FG 0.90 TCF 6,650 BBL.
11:35	12:05	0.50	P	STG32	18	OTHR	SWAPPING WELLS
12:05	13:30	1.42	P	STG32	21	PERF	WL STAGE #32. R/U WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ DUMMY 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 5,739' (TOP). PUMP DOWN THROUGH EXPANDABLE LINER @ 6,595 TO 6,636' (ELM) W/ 11 BPM @ 625# LINE TENSION. PERF ON THE FLY AT 8,238' - 8,392' O/A. POOH LD GUNS. ALL SHOTS FIRED. PUMPED 143 BBLs NOTE; PULLED THROUGH PATCH AT 100 FT/MIN WITHOUT ISSUE.
13:30	14:30	1.00	P	STG32	18	OTHR	W/L AT 200'
14:30	15:05	0.58	P	STG32	18	OTHR	SWAPPED WELLS, REHEAD WIRELINE
15:05	17:05	2.00	P	STG32	35	STIM	FRAC STAGE #32 SLICKWATER - SICP 1,947. PUMP 60 BBLs 15% ACID; FRW FLUSH; 20 BBLs VISC ACID; FRW SWEEP; 279,000 LBS 100 MESH @ .5 - 2.5 PPA; FRW FLUSH; 75 BBLs 15% VISC ACID; FRW FLUSH; 96,200 LBS 40/70 @ 1.0 - 2.5 PPA; FLUSH 227 BBL. ATP 3,872. ATR 79.6. MTP 5,146 MTR 90.0. FISIP 2,913. FG 0.90 TCF 6250 BBL.
17:05	17:30	0.42	P	STG32	18	OTHR	SWAPPING WELLS.
17:30	18:00	0.50	P	STG32	18	OTHR	SAFETY MEETING DISCUSS JSA, H.E.L.P
18:00	20:15	2.25	P	STG33	21	PERF	WL STAGE #33. R/U 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 5,739' (TOP). PUMP DOWN THROUGH EXPANDABLE LINER @ 6,595 TO 6,636' (ELM) W/ 16 BPM @ 1200# LINE TENSION. SET PLUG AT 8,221' AND PERF ON THE FLY AT 8,051' - 8,206' O/A. POOH LD GUNS. ALL SHOTS FIRED. PUMPED 168 BBLs NOTE; PULLED THROUGH PATCH AT 150'/MIN. NOTE: FOUND TOP RETENTION CONE OF THE TOP PORTION OF THE PLUG STILL ON THE SETTING MANDREL. CALLED MR LEWIS AND MR SCHMELZ AND INFORMED THEM. BALL WILL STILL SEAT ON PLUG. MR SCHMELZ APPROVED TO CARRY ON WITH OPERATIONS.
20:15	22:45	2.50	P	STG33	35	STIM	FRAC STAGE #33 SLICKWATER - SICP 1,918. PUMP 60 BBLs 15% ACID; FRW FLUSH; 20 BBLs VISC ACID; FRW SWEEP; 285,400 LBS 100 MESH @ .5 - 2.5 PPA; FRW FLUSH; 75 BBLs 15% VISC ACID; FRW FLUSH; 97,220 LBS 40/70 @ 1.0 - 2.5 PPA; FLUSH 234 BBL. ATP 3,943. ATR 76.6. MTP 5,429 MTR 91.4. FISIP 3,389. FG 0.98 TCF 6,519 BBL.
22:45	02:00	3.25	P	STG34	21	PERF	WL STAGE #34. R/U WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ DUMMY 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 5,739' (TOP). PUMP DOWN THROUGH EXPANDABLE LINER @ 6,595 TO 6,636' (ELM) W/ 11 BPM @ 535# LINE TENSION. PERF ON THE FLY AT 7,864' - 8,019' O/A. POOH LD GUNS. ALL SHOTS FIRED. PUMPED 132 BBLs NOTE; PULLED THROUGH PATCH AT 100 FT/MIN WITHOUT ISSUE.
02:00	02:30	0.50	P	STG34	18	OTHR	SCHEDULED STACK GREASE.
02:30	04:40	2.17	P	STG34	35	STIM	FRAC STAGE #34 SLICKWATER - SICP 1,887. PUMP 60 BBLs 15% ACID; FRW FLUSH; 20 BBLs VISC ACID; FRW SWEEP; 279,900 LBS 100 MESH @ .5 - 2.5 PPA; FRW FLUSH; 75 BBLs 15% VISC ACID; FRW FLUSH; 97,000 LBS 40/70 @ 1.0 - 2.5 PPA; FLUSH 222 BBL. ATP 4,049. ATR 79.2. MTP 6,070 MTR 91.3. FISIP 2,888. FG 0.90 TCF 6369 BBL.
04:40	06:00	1.33	P	STG35	21	PERF	WL STAGE #35. R/U WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ DUMMY 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 5,739' (TOP). PUMP DOWN THROUGH EXPANDABLE LINER @ 6,595 TO 6,636' (ELM) W/ 11 BPM @ 517# LINE TENSION. PERF ON THE FLY AT 7,677' - 7,832' O/A. POOH LD GUNS. ALL SHOTS FIRED. PUMPED 138 BBLs NOTE; PULLED THROUGH PATCH AT 100 FT/MIN WITHOUT ISSUE.

Daily Operations Comments:

EXPERIENCED ONE REPORTABLE INJURY.

CASING			FLUIDS	COMPLETION STRING DETAILS					
Size(in)	MD(ft)/TVD(ft)		LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
9.625	1,216.00 /	1,216.00		Fluids Eng:	Qty	Description	ID	OD	Top Set(ft)
	/			Pit Temp:					94.00
9.625	1,216.00 /	1,216.00		Density:	2-7/8 ", 6.500 ppf, J-55, EUE		2.441	2.875	94.00
				Brine Type:					
				Gel Type:					
				Viscosity:					
				Nitrogen:					
				NTU:					
				FLOWBACK					
				Gas Rate:					
				Choke Size:					
				Avg. Tbg. Press:					
				Avg. Csg. Press:					
				Fluid Rate (Water):					
				Fluid Rate (Oil):					
				Tot. Load Recovered:					

 <div>Daily Operations Report Onshore</div>		Well Name/Wellbore No.: UNIVERSITY SALT DRAW 4114AH/00	Report Number: 027				
Data shared on this report is CONFIDENTIAL		Country: USA	Report Date: 09/29/2016				
		State: TEXAS	Spud Date: 07/09/2016				
		Field: SALT DRAW	Release Date:				
		Supervisors: J.GARCIA/ B.MITCHELL / R. VONDENSTEIN / M.	DOE: 44 DOL: 27 AFE Days: 7.00				
		Engineer/Manager: SCHMELTZ, PETER / GRUBB, ALLEN	Last BOP T.: CSG Test:				
24 Hr Forecast: RESUME FRAC OP'S.							
PERFORATIONS							
Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments



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

Report Number: 028
Report Date: 09/30/2016
Spud Date: 07/09/2016
Release Date:
DOE: 45 DOL: 28 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' 51.00294 N
Long: 101° 8' 3.04828 W

API #: 4210542325
Rig:
Rig Phone:
KB(ft):
POB: 146 Manhours: 546.00

Current Activity:	WAITING ON SAND.
24 Hr Summary:	COMPLETE FRAC STAGES #35, #36, #37 #38 ; WL STAGES #36, #37, #38, #39. PUMPED 1,117,960 # 100 MESH, 392,980 # 40/70 MESH & 26,377 BBLs SLICKWATER.
24 Hr Forecast:	RESUME FRAC OP'S.

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	07:15	1.25	P	STG35	18	OTHR	WL AT 200'
07:15	08:30	1.25	N	STG35	42	WOEP	WAITING ON SAND TO ARRIVE ON LOC; DUE TO FACILITY BEING DOWN WITH ONLY ONE LOADER.
08:30	10:15	1.75	P	STG35	35	STIM	FRAC STAGE #35 SLICKWATER - SICP 1,830. PUMP 60 BBLS 15% ACID; FRW FLUSH; 20 BBLS VISC ACID; FRW SWEEP; 281,840 LBS 100 MESH @ .5 - 2.5 PPA; FRW FLUSH; 75 BBLS 15% VISC ACID; FRW FLUSH; 96,380 LBS 40/70 @ 1.0 - 2.5 PPA; FLUSH 213 BBL. ATP 3,770. ATR 80.4. MTP 4,804 MTR 89.8. FISIP 2,854. FG 0.89 TCF 6,442 BBL.
10:15	13:30	3.25	P	STG36	21	PERF	WL STAGE #36. R/U WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ DUMMY 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 5,739' (TOP). PUMP DOWN THROUGH EXPANDABLE LINER @ 6,595 TO 6,636' (ELM) W/ 11 BPM @ 550# LINE TENSION. PERF ON THE FLY AT 7,490' - 7,645' O/A. POOH LD GUNS. ALL SHOTS FIRED. PUMPED 104 BBLS NOTE; PULLED THROUGH PATCH AT 80 FT/MIN WITHOUT ISSUE.
13:30	15:30	2.00	P	STG36	35	STIM	FRAC STAGE #36 SLICKWATER - SICP 1,917. PUMP 30 BBLS 15% ACID; FRW FLUSH; 20 BBLS VISC ACID; FRW SWEEP; 279,840 LBS 100 MESH @ .5 - 2.5 PPA; FRW FLUSH; 75 BBLS 15% VISC ACID; FRW FLUSH; 96,600 LBS 40/70 @ 1.0 - 2.5 PPA; FLUSH 209 BBL. ATP 3,611. ATR 76.9. MTP 4,859 MTR 89.8. FISIP 2,828. FG 0.89 TCF 6,470 BBL.
15:30	17:30	2.00	P	STG37	21	PERF	WL STAGE #37. R/U WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ DUMMY 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 5,739' (TOP). PUMP DOWN THROUGH EXPANDABLE LINER @ 6,595' TO 6,636' (ELM) W/ 11 BPM @ 570# LINE TENSION. PERF ON THE FLY AT 7,303' - 7,458' O/A. POOH LD GUNS. ALL SHOTS FIRED. PUMPED 95 BBLS. NO ISSUES. NOTE; PULLED THROUGH PATCH AT 97 FT/MIN WITHOUT ISSUE.
17:30	18:00	0.50	P	STG37	18	OTHR	SWAPPING WELLS. HELD SAFETY MEETING AND REVIEWED JSA'S W/ NIGHT CREWS ON FRAC OPERATIONS.
18:00	20:15	2.25	P	STG37	35	STIM	FRAC STAGE #37 SLICKWATER - SICP 1,956. PUMP 30 BBLS 15% ACID; FRW FLUSH; 20 BBLS VISC ACID; FRW SWEEP; 279,300 LBS 100 MESH @ .5 - 2.5 PPA; FRW FLUSH; 75 BBLS 15% VISC ACID; FRW FLUSH; 97,040 LBS 40/70 @ 1.0 - 2.5 PPA; FLUSH 212 BBL. ATP 3,735. ATR 80.6. MTP 4,918 MTR 91.9. FISIP 3,191. FG 0.95 TCF 6,453 BBL.
20:15	20:45	0.50	P	STG37	18	OTHR	GREASE AND REHEAD.
20:45	23:50	3.08	P	STG38	21	PERF	WL STAGE #38. R/U 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 5,739' (TOP). PUMP DOWN THROUGH EXPANDABLE LINER @ 6,595 TO 6,636' (ELM) W/ 16 BPM @ 1013# LINE TENSION. SET PLUG AT 7,290' AND PERF ON THE FLY AT 7,116' - 7,271' O/A. POOH LD GUNS. ALL SHOTS FIRED. PUMPED 100 BBLS NOTE; PULLED THROUGH PATCH AT 97'/MIN.
23:50	01:45	1.92	P	STG38	35	STIM	FRAC STAGE #38 SLICKWATER - SICP 2,044. PUMP 30 BBLS 15% ACID; FRW FLUSH; 20 BBLS VISC ACID; FRW SWEEP; 276,980 LBS 100 MESH @ .5 - 2.5 PPA; FRW FLUSH; 75 BBLS 15% VISC ACID; FRW FLUSH; 102,960 LBS 40/70 @ 1.0 - 2.5 PPA; FLUSH 212 BBL. ATP 3,873. ATR 79.8. MTP 5,412 MTR 91.9. FISIP 2,715. FG 0.87 TCF 6,499 BBL.
01:45	04:30	2.75	P	STG39	21	PERF	WL STAGE #39. R/U WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ DUMMY 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 5,739' (TOP). PUMP DOWN THROUGH EXPANDABLE LINER @ 6,595' TO 6,636' (ELM) W/ 11 BPM @ 503# LINE TENSION. PERF ON THE FLY AT 6,929' - 7,084' O/A. POOH LD GUNS. ALL SHOTS FIRED. PUMPED 76 BBLS. NOTE; PULLED THROUGH PATCH AT 63 FT/MIN WITHOUT ISSUE.
04:30	06:00	1.50	N	STG39	42	WOEP	WAITING ON SAND.

Daily Operations Comments:

EXPERIENCED ONE REPORTABLE INJURY.

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
9.625	1,216.00 / 1,216.00		Fluids Eng:	Qty	Description	ID	OD	Top Set(ft)
	/		Pit Temp:					94.00
9.625	1,216.00 / 1,216.00		Density:	2-7/8 ", 6.500 ppf, J-55, EUE		2.441	2.875	94.00
			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 / B. MITCHELL / R. VONDENSTEIN
Engineer/Manager: SCHMELTZ, PETER / GRUBB, ALLEN

Report Number: 029
Report Date: 10/01/2016
Spud Date: 07/09/2016
Release Date:
DOE: 46 DOL: 29 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' 51.00294 N
Long: 101° 8' 3.04828 W

API #: 4210542325
Rig:
Rig Phone:
KB(ft):
POB: 145 Manhours: 540.00

Current Activity:	RIGGING DOWN.
24 Hr Summary:	COMPLETE FRAC STAGES #39, #40, #41; WL STAGES #40, #41. PUMPED 566,220 # 100 MESH, 408,000 # 40/70 MESH & 14,441 BBLS SLICKWATER.
24 Hr Forecast:	MOVE OUT ALL EQUIPMENT.

OPERATION DETAILS							
FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	08:00	2.00	P	STG39	35	STIM	FRAC STAGE #39 SLICKWATER - SICP 1,885. PUMP 30 BBLS 15% ACID; FRW FLUSH; 20 BBLS VISC ACID; FRW SWEEP; 279,800 LBS 100 MESH @ .5 - 2.5 PPA; FRW FLUSH; 75 BBLS 15% VISC ACID; FRW FLUSH; 102,000 LBS 40/70 @ 1.0 - 2.5 PPA; FLUSH 196 BBL. ATP 3,844. ATR 79.0. MTP 6,271 MTR 91.0. FISIP 2,731. FG 0.87 TCF 6,623 BBL.
08:00	09:45	1.75	P	STG40	21	PERF	WL STAGE #40. R/U WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ DUMMY PLUG AND GUNS 7 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 42 SHOTS. CORRELATE W/ MARKER JT AT 5,739' (TOP). PUMP DOWN THROUGH EXPANDABLE LINER @ 6,595' TO 6,636' (ELM) W/ 11 BPM @ 567# LINE TENSION. PERF ON THE FLY AT 6,764' - 6,896' O/A. POOH LD GUNS. ALL SHOTS FIRED. PUMPED 57 BBLS. NOTE; PULLED THROUGH PATCH AT 80 FT/MIN WITHOUT ISSUE.
09:45	14:15	4.50	P	STG40	73	WOOWO	WAITING ON OTHER WELL OPPS.
14:15	16:00	1.75	P	STG40	35	STIM	FRAC STAGE #40 SLICKWATER - SICP 1,801. PUMP 30 BBLS 15% ACID; FRW FLUSH; 20 BBLS VISC ACID; FRW SWEEP; 286,420 LBS 100 MESH @ .5 - 2.5 PPA; FRW FLUSH; 75 BBLS 15% VISC ACID; FRW FLUSH; 102,000 LBS 40/70 @ 1.0 - 2.5 PPA; FLUSH 191 BBL. ATP 3,645. ATR 78.6. MTP 4,834 MTR 93.4. FISIP 2,692. FG 0.87 TCF 7,293 BBL.
16:00	18:00	2.00	P	STG41	21	PERF	WL STAGE #41. R/U WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ DUMMY PLUG AND GUNS 6 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 36 SHOTS. CORRELATE W/ MARKER JT AT 5,739' (TOP). PUMP DOWN THROUGH EXPANDABLE LINER @ 6,595' TO 6,636' (ELM) W/ 11 BPM @ 570# LINE TENSION. PERF ON THE FLY AT 6,555' - 6,709' O/A. POOH LD GUNS. ALL SHOTS FIRED. PUMPED 48 BBLS. NOTE; PULLED THROUGH PATCH AT 80 FT/MIN WITHOUT ISSUE. NO PERFORATIONS WERE PUT IN PATCH.
18:00	19:00	1.00	P	STG41	35	STIM	FRAC STAGE #41 SLICKWATER - SICP 1,853. PUMP 20 BBLS SLICKWATER; 60 BBLS 15% HCL ACID; 150 BBLS SLICKWATER SPACER; 190 BBLS VISC ACID; 250 BBLS SLICKWATER FLUSH. ATP 2,412. ATR 20.5. MTP 4,595 MTR 64.7. FISIP 1,853. FG 0.73 TCF 420 BBL.
19:00	20:00	1.00	P	STG41	21	PERF	WL TEST WLPCE TO 8000 PSI. RIH W/ COMPOSITE BRIDGE PLUG AND CORRELATE W/ MARKER JT AT 5,739' (TOP). SET PLUG AT 5,800' (ELM). P.O.O.H. NEGATIVE TEST PLUG. PRESSURE TEST PLUG TO 250/7,000 PSI. LAY DOWN WIRELINE.
20:00	06:00	10.00	P	RDMO	02	RDMO	SECURE WELL. RIG DOWN AND RELEASE FRAC CREW.

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:		
9.625	1,216.00 /	1,216.00		Fluids Eng:	Qty	Description	ID	OD	Top Set(ft)
	/			Pit Temp:					94.00
9.625	1,216.00 /	1,216.00		Density:	2 7/8 "	6.500 ppf, J-55, EUE	2.441	2.875	94.00
				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 4114AH/00

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

Report Number: 030
Report Date: 10/02/2016
Spud Date: 07/09/2016
Release Date:
DOE: 47 DOL: 30 AFE Days: 7.00
Last BOP T.: CSG Test:

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat: 31° 0' 51.00294 N
Long: 101° 8' 3.04828 W

API #: 4210542325
Rig:
Rig Phone:
KB(ft):
POB: 145 Manhours: 540.00

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

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:		
9.625	1,216.00 /	1,216.00		Fluids Eng:	Qty	Description	ID	OD	Top Set(ft)
	/			Pit Temp:					94.00
9.625	1,216.00 /	1,216.00		Density:	2-7/8 "	6,500 ppf, J-55, EUE	2.441	2.875	94.00
				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 4114AH/00

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

Report Number: 031
Report Date: 10/09/2016
Spud Date: 07/09/2016
Release Date:
DOE: 54 DOL: 31 AFE Days: 7.00
Last BOP T.: CSG Test:

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat: 31° 0' 51.00294 N
Long: 101° 8' 3.04828 W

API #: 4210542325
Rig:
Rig Phone:
KB(ft):
POB: 26 Manhours: 291.00

Current Activity: PICKING UP WORKSTRING.
24 Hr Summary: MIRU. TEST BOPS. GO IN HOLE WITH MOTOR ASSEMBLY.
24 Hr Forecast: DRILL OUT PLUGS.

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	07:00	1.00	P	WOR	28	SFTYMTG	HSM, DISCUSSED OVER HEAD LOADS, PINCH POINTS AND HELP
07:00	10:00	3.00	P	MIRU	01	MIRU WOR	MIRU WOR
10:00	15:00	5.00	P	MIRU	01	MIRU	NU BOP'S AND FLOW BACK IRON
15:00	16:30	1.50	P	MIRU	01	MIRU	RU AND PULLED FRAC BUSHING
16:30	01:00	8.50	P	MIRU	01	MIRU	TESTING BOP'S 250/5,000 PSI.
01:00	06:00	5.00	P	WOR	24	PULD	MAKE UP AND FUNCTION TEST M0TOR ASSEMBLY. GO IN HOLE PICKING UP 2 3/8" 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:		
9.625	1,216.00 / 1,216.00		Fluids Eng:	Qty	Description	ID	OD	Top Set(ft)
	/		Pit Temp:					94.00
9.625	1,216.00 / 1,216.00		Density:	2-7/8 ", 6.500 ppf, J-55, EUE		2.441	2.875	94.00
			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 4114AH/00

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

Report Number: 032
Report Date: 10/10/2016
Spud Date: 07/09/2016
Release Date:
DOE: 55 DOL: 32 AFE Days: 7.00
Last BOP T.: CSG Test:

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat: 31° 0' 51.00294 N
Long: 101° 8' 3.04828 W

API #: 4210542325
Rig:
Rig Phone:
KB(ft):
POB: 26 Manhours: 291.00

Current Activity: CLEANING UP WELL BORE
24 Hr Summary: DRILL KILL PLUG, DRILL PLUGS 1-3
24 Hr Forecast: DRILL OUT 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	12:00	5.00	P	WOR	39	TRIP	CONT TIH WITH DRILL STRING
12:00	16:30	4.50	P	WOR	40	WASH	TAG KILL PLUG @ 5,800 HELD 500 PSI BACK PRESSURE, DRILL TIME 25 MIN, CONT TIH TO NEXT PLUG
16:30	02:00	9.50	P	WOR	40	WASH	WASH/DRILL TO #1 CFP @ 7,289'(TM). DRILL UP IN 22 MIN. CIRC RATE: 4 BPM @ 2,600 PSI. R/R: 5 BPM @ 300 PSI. CIRC 5 BBL GEL SWEEP W/ 2% KCL & BIOCID. WASH/DRILL TO #2 CFP @ 8,216'(TM). DRILL UP IN 20 MIN. CIRC RATE: 4 BPM @ 2,600 PSI. R/R: 4 BPM @ 300 PSI. CIRC 10 BBL GEL SWEEP W/ 2% KCL & BIOCID. WASH/DRILL TO #3 CFP @ 9,156'(TM). DRILL UP IN 18 MIN. CIRC RATE: 4 BPM @ 3,500 PSI. R/R: 4 BPM @ 200 PSI. CIRC 10 BBL GEL SWEEP W/ 2% KCL & BIOCID.
02:00	06:00	4.00	P	WOR	40	WASH	CONTINUE IN HOLE TO 9,698' DPM. COULD NOT MAKE ANY MORE HOLE. RETURN RATE STARTED FALLING. PULL TWO JTS OFF BOTTOM AND PUMP 40 BBL OF GEL TO TRY AND REGAIN FULL CIRCULATION. WELLHEAD PRESSURE WAS DOWN TO 0 PSI AND RETURNS DOWN TO 1 BBL PER MIN. PUMP GEL TO FORMATION WITH NO SUCCESS. BULL HEAD 175 BBL DOWN CASING AT 5 BBL PER MIN 2,700 PSI.

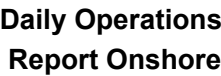
Daily Operations Comments:

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:		
9.625	1,216.00 / 1,216.00		Fluids Eng:	Qty	Description	ID	OD	Top Set(ft)
	/		Pit Temp:					94.00
9.625	1,216.00 / 1,216.00		Density:	2-7/8 ", 6.500 ppf, J-55, EUE		2.441	2.875	94.00
			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 4114AH/00

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

Report Number: 033
Report Date: 10/11/2016
Spud Date: 07/09/2016
Release Date:
DOE: 56 DOL: 33 AFE Days: 7.00
Last BOP T.: CSG Test:

Event: COMPLETION LAND
Safety Meeting Topic:
Location: Lat: 31° 0' 51.00294 N
Long: 101° 8' 3.04828 W

API #: 4210542325
Rig:
Rig Phone:
KB(ft):
POB: 26 Manhours: 291.00

Current Activity: DRILLING PLUGS. FLUID DISPOSED OF: 1,950 BBLS.
24 Hr Summary: DRILL PLUGS 4-6
24 Hr Forecast: DRILL OUT PLUGS.

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	07:00	1.00	P	WOR	28	SFTYMTG	HSM, DISCUSSED SPOTTERS WHILE BACKING UP, SAFETY HARNESS, AND HELP
07:00	08:00	1.00	P	WOR	40	WASH	LINED UP ON THE TUBING PUMPING 4 BPM WHILE WORKING PIPE
08:00	10:00	2.00	P	WOR	40	WASH	PUMPED 20 BBL SWEEP, WORKING PIPE, GOT ROTATION ON PIPE AND WAS ABLE TO PULL ONE JOINT
10:00	11:10	1.17	P	WOR	40	WASH	STARTED MAINTAINING RETURNS, FLOWING BACK 2.5 BPM
11:10	12:30	1.33	P	WOR	40	WASH	LAID DOWN ANOTHER JOINT, PUMPED DOWN TUBING AT 4 BPM WHILE WORKING PIPE UP AND DOWN, PUMPED 20 BBL SWEEP
12:30	12:30	0.00	P	WOR	40	WASH	TIH TO PLUG #4
12:30	17:15	4.75	P	WOR	40	WASH	WASH/DRILL TO #4 CFP @ 10,090'(TM). DRILL UP IN 11 MIN. CIRC RATE: 4 BPM @ 3,400 PSI. CIRC: 4.25 BPM @ 300 PSI. CIRC 5 BBL GEL SWEEP W/ 2% KCL & BIOCID. WASH/DRILL TO #5 CFP @ 11,017'(TM). DRILL UP IN 8 MIN. CIRC RATE: 4 BPM @ 3,200 PSI. R/R: 4 BPM @ 250 PSI. CIRC 10 BBL GEL SWEEP W/ 2% KCL & BIOCID.
17:15	00:00	6.75	P	WOR	40	WASH	WASHED DOWN TO 11,195' DPM. COULD NOT MAKE ANY MORE HOLE. PULLED 20K OVER PICKUP. PIPE WILL NOT MOVE UP OR DOWN. PUMP 20 BBL SWEEP WHILE WORKING PIPE. WORK PIPE UP TO 11,180' DPM. CONTINUE WORKING PIPE. RETURNS SLOWED DOWN TO 1/2 BBL PER MIN WITH NO SURFACE PRESSURE. LINE UP ON BACKSIDE AND BULLHEAD 175 BBL'S AT 1,450 PSI. CONTINUE WORKING PIPE. PUMP DOWN WORKSTRING 4 BBL PER MIN 3,200 PSI. ESTABLISH RETURN RATE OF 4 BBL PER MIN WHILE PUMPING 4 BBL PER MIN. DOWN WORKSTRING. CIRCULATE WELL UNTIL RETURNS ARE CLEAN. WORK PIPE FREE. CIRCULATE SAND OUT OF HOLE WHILE ROTATING.
00:00	06:00	6.00	P	WOR	40	WASH	CONTINUE IN HOLE WHILE CIRCULATING A BOTTOMS UP EVERY 10 JTS. WASH/DRILL TO #6 CFP 11,990' @ '(TM). DRILL UP IN 0 MIN. CIRC RATE: 4 BPM @ 3,800 PSI. R/R: 4.25 BPM @ 500 PSI. CIRC 10 BBL GEL SWEEP W/ 2% KCL & BIOCID.

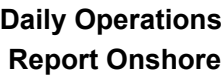
Daily Operations Comments:

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:		
9.625	1,216.00 / 1,216.00		Fluids Eng:	Qty	Description	ID	OD	Top Set(ft)
	/		Pit Temp:					94.00
9.625	1,216.00 / 1,216.00		Density:	2-7/8 ", 6.500 ppf, J-55, EUE		2.441	2.875	94.00
			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 4114AH/00

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

Report Number: 034
Report Date: 10/12/2016
Spud Date: 07/09/2016
Release Date:
DOE: 57 DOL: 34 AFE Days: 7.00
Last BOP T.: CSG Test:

Event: COMPLETION LAND
Safety Meeting Topic:
Location: Lat: 31° 0' 51.00294 N
Long: 101° 8' 3.04828 W

API #: 4210542325
Rig:
Rig Phone:
KB(ft):
POB: 26 Manhours: 291.00

Current Activity: REPAIRING RIG.
24 Hr Summary: DRILLED OUT ALL PLUGS.
24 Hr Forecast: LAY DOWN WORKSTRING. SET PACKER.

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	19:00	12.00	P	WOR	40	WASH	<p>WASH/DRILL TO #7 CFP @ 12,098'(TM). DRILL UP IN 6 MIN. CIRC RATE: 4 BPM @ 3,100 PSI. R/R: 4 BPM @ 450 PSI. CIRC 5 BBL GEL SWEEP W/ 2% KCL & BIOCID.</p> <p>WASH/DRILL TO #8 CFP @ 12,286'(TM). DRILL UP IN 9 MIN. CIRC RATE: 4 BPM @ 2,800 PSI. R/R: 4 BPM @ 400 PSI. CIRC 5 BBL GEL SWEEP W/ 2% KCL & BIOCID.</p> <p>WASH/DRILL TO #9 CFP @ 12,470'(TM). DRILL UP IN 7 MIN. CIRC RATE: 4 BPM @ 3,000 PSI. R/R: 4 BPM @ 400 PSI. CIRC 5 BBL GEL SWEEP W/ 2% KCL & BIOCID.</p> <p>WASH/DRILL TO #10 CFP @ 12,662'(TM). DRILL UP IN 7 MIN. CIRC RATE: 4 BPM @ 3,400 PSI. R/R: 4 BPM @ 350 PSI. CIRC 10 BBL GEL SWEEP W/ 2% KCL & BIOCID.</p> <p>WASH/DRILL TO #11 CFP @ 12,857'(TM). DRILL UP IN 7 MIN. CIRC RATE: 4 BPM @ 3,400 PSI. R/R: 4 BPM @ 400 PSI. CIRC 5 BBL GEL SWEEP W/ 2% KCL & BIOCID.</p> <p>WASH/DRILL TO #12 CFP @ 13,044'(TM). DRILL UP IN 10 MIN. CIRC RATE: 4 BPM @ 3,400 PSI. R/R: 4 BPM @ 400 PSI. CIRC 5 BBL GEL SWEEP W/ 2% KCL & BIOCID.</p> <p>WASH/DRILL TO #13 CFP @ 13,230'(TM). DRILL UP IN 5 MIN. CIRC RATE: 4 BPM @ 3,300 PSI. R/R: 4 BPM @ 400 PSI. CIRC 5 BBL GEL SWEEP W/ 2% KCL & BIOCID.</p> <p>WASH/DRILL TO #14 CFP @ 13,410'(TM). DRILL UP IN 12 MIN. CIRC RATE: 4 BPM @ 3,200 PSI. R/R: 4 BPM @ 350 PSI. CIRC 10 BBL GEL SWEEP W/ 2% KCL & BIOCID.</p> <p>WASH/DRILL TO #15 CFP @ 13,595'(TM). DRILL UP IN 11 MIN. CIRC RATE: 4 BPM @ 3,400 PSI. R/R: 4 BPM @ 300 PSI. CIRC 5 BBL GEL SWEEP W/ 2% KCL & BIOCID.</p> <p>WASH/DRILL TO #16 CFP @ 13,794'(TM). DRILL UP IN 12 MIN. CIRC RATE: 4 BPM @ 3,000 PSI. R/R: 4 BPM @ 300 PSI. CIRC 5 BBL GEL SWEEP W/ 2% KCL & BIOCID.</p> <p>WASH/DRILL TO #17 CFP @ 13,979'(TM). DRILL UP IN 14 MIN. CIRC RATE: 4 BPM @ 3,200 PSI. R/R: 4 BPM @ 350 PSI. CIRC 10 BBL GEL SWEEP W/ 2% KCL & BIOCID.</p> <p>CONTINUE WASHING DOWN TO TOE SLEEVE. CIRCULATE SWEEPS AND TWO BOTTOMS UP.</p>
19:00	03:30	8.50	P	WOR	40	WASH	PULL OUT OF HOLE. STARTED PULLING HEAVY JUST OFF BOTTOM. RIG UP POWER SWIVEL AND START BACK REAMING OUT OF HOLE.
03:30	06:00	2.50	N	WOR	06	CIRC	SHEARED BOLTS ON DRAW WORKS DRIVETRAIN. CIRCULATE WELL WHILE WAITING ON MECHANIC TO FIX.

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:		
9.625	1,216.00 / 1,216.00		Fluids Eng:	Qty	Description	ID	OD	Top Set(ft)
	/		Pit Temp:					94.00
9.625	1,216.00 / 1,216.00		Density:	2-7/8 "	6.500 ppf, J-55, EUE	2.441	2.875	94.00
			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 4114AH/00

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

Report Number: 035
Report Date: 10/13/2016
Spud Date: 07/09/2016
Release Date:
DOE: 58 DOL: 35 AFE Days: 7.00
Last BOP T.: CSG Test:

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat: 31° 0' 51.00294 N
Long: 101° 8' 3.04828 W

API #: 4210542325
Rig:
Rig Phone:
KB(ft):
POB: 26 Manhours: 291.00

Current Activity: LAYING DOWN WORKSTRING.
24 Hr Summary: REPAIR RIG. LAY DOWN WORKSTRING.
24 Hr Forecast: SNUB OUT OF HOLE. SET PACKER. RUN COMPLETION STRING.

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	18:00	12.00	N	WOR	54	RIGPROB	WOR WORKING ON DRIVE GEAR
18:00	03:00	9.00	P	WOR	24	PULD	PULL OUT OF HOLE. CONTINUE PULLING DRAG OFF OF BOTTOM.PULL UP TO PATCH. RIG UP POWER SWIVEL. BULLHEAD DOWN WORKSTRING AND CASING WHILE PULLING THROUGH CASING PATCH.
03:00	06:00	3.00	P	WOR	24	PULD	PULL 90' ABOVE PATCH. PUMP 10 BBL SWEEP. CIRCULATE BOTTOMS UP. RIG DOWN POWER SWIVEL. CONTINUE OUT OF HOLE 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)	Down Hole Tool Co:		Tool Sup:		
				Qty	Description	ID	OD	Top Set(ft)
9.625	1,216.00 /	1,216.00						94.00
	/							94.00
9.625	1,216.00 /	1,216.00		2-7/8 "	6.500 ppf, J-55, EUE	2.441	2.875	
			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:					

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 4114AH/00

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

Report Number: 036
Report Date: 10/14/2016
Spud Date: 07/09/2016
Release Date:
DOE: 59 DOL: 36 AFE Days: 7.00
Last BOP T.: CSG Test:

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat: 31° 0' 51.00294 N
Long: 101° 8' 3.04828 W

API #: 4210542325
Rig:
Rig Phone:
KB(ft):
POB: 26 Manhours: 291.00

Current Activity: RUNNING COMPLETION STRING.
24 Hr Summary: SNUB OUT OF HOLE. SET PACKER. RUN COMPLETION STRING.
24 Hr Forecast: COMPLETE WELL. RDMO

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	07:00	1.00	P	WOR	28	SFTYMTG	HSM, DISCUSSED HELP, SPEED LIMITS, AND PINCH POINTS
07:00	10:30	3.50	P	WOR	39	TRIP	CONT TOH WITH DRILL STRING
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	TOH WITH SNUBBING UNIT
16:00	18:00	2.00	P	WOR	16	NUND	RDMO SNUBBING UNIT. BULLHEAD 160 BBLs DOWN CASING.
18:00	00:30	6.50	P	WOR	16	NUND	MIRU AND TEST WL UNIT 250/3,000 psi. GO IN HOLE WITH GAUGE RING TO 6,200 ELM. P.O.O.H. SET PACKET AT 6,100' ELM.
00:30	06:00	5.50	P	WOR	24	PULD	PICK UP ON-OFF TOOL. GO IN HOLE WITH 2 7/8" L-80 6.5# 8RD COATED TUBING SPACING OUT 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:		
9.625	1,216.00 / 1,216.00		Fluids Eng:	Qty	Description	ID	OD	Top Set(ft)
	/		Pit Temp:					94.00
9.625	1,216.00 / 1,216.00		Density:	2-7/8 ", 6.500 ppf, J-55, EUE		2.441	2.875	94.00
			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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