



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

Well Name/Wellbore No.: UNIVERSITY SALT DRAW 4102DH/00

Country: USA  
State: TEXAS  
Field: SALT DRAW  
Supervisors: RICKY VONDENSTEIN / NONE  
Engineer/Manager: MEDINA, JAVIER / LLOYD, BARRY

Report Number: 001  
Report Date: 06/24/2016  
Spud Date: 02/09/2015  
Release Date:  
DOE: 4 DOL: 1 AFE Days:  
Last BOP T.: CSG Test:

Event: COMPLETION LAND  
Safety Meeting Topic:  
Location: Lat: 31° 2' 15.15392 N  
Long: 101° 8' 16.03300 W

API #:	4210542190
Rig:	
Rig Phone:	
KB(ft):	2,664.51
POB: 19	Manhours: 155.00

Current Activity: PREPARE TO SHIFT TOE SLEEVE.

24 Hr Summary: N/U 7 1/16" 10M FRAC STACK AND TEST SAME. R/U WEIR FLOWBACK IRON.

24 Hr Forecast: SHIFT TOE SLEEVE. ESTABLISH INJECTION RATES. FUTURE FORCAST DETERMINED BY OUTCOME OF PREVIOUS STEPS.

## OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	07:30	1.50	P	MIRU	18	OTHR	WAIT ON DAYLIGHT,EQUIPMENT AND HANDS.
07:30	08:30	1.00	P	MIRU	28	SFTYMTG	ORIENTATE PERSONNEL. REVIEWED SAFETY, COMPLIANCE AND ADMINISTRATIVE NOTES. REVIEWED JSA'S. AND REVIEWED SCOPE OF JOB.
08:30	11:30	3.00	P	MIRU	30	SEQP	CASING PRESSURE "0" PSI. REMOVE NIGHT CAP. NIPPLE UP 7 1/16" 10M FRAC STACK AS FOLLOWS FROM BOTTOM TO TOP. 7 1/16" 10M MANUAL FRAC VALVE (ACTIVE BARRIER #1). 7 1/16" 10M HYDRAULIC VALVE (ACTIVE BARRIER #2). 7 1/16" 10M FLOW CROSS 3" X 2". 7 1/16" 10M GOAT HEAD. 7 1/16" 10M X 1' SPOOL. 7 1/16" 10M HYDRAULIC FRAC VALVE. CHECK BOLTS ON B SECTION FOR TORQUE.
11:30	15:30	4.00	P	MIRU	73	WOOWO	WAITING ON OTHER WELL OPERATIONS.
15:30	17:00	1.50	P	MIRU	18	OTHR	SET TEST PLUG AND TWO WAY CHECK IN WELL HEAD. TEST FRAC STACK TO 300 PSI LOW, 9500 PSI HIGH BOTH FOR 10 MINUTES.
17:00	19:00	2.00	P	MIRU	73	WOOWO	WAITING ON OTHER WELL OPERATIONS.
19:00	06:00	11.00	P	MIRU	44	WOD	WAIT ON DAYLIGHT.

**Daily Operations Comments:**

NO ACC OR POLLUTION REPORTED.

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
9.625	915.00 / 915.00		Fluids Eng:	Qty	Description	ID	OD	Top Set
14.000	40.00 / 40.00		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



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Well Name/Wellbore No.: UNIVERSITY SALT DRAW 4102DH/00

Country: USA  
State: TEXAS  
Field: SALT DRAW  
Supervisors: RICKY VONDENSTEIN / NONE  
Engineer/Manager: MEDINA, JAVIER / LLOYD, BARRY

Report Number: 002  
Report Date: 06/25/2016  
Spud Date: 02/09/2015  
Release Date:  
DOE: 5 DOL: 2 AFE Days  
Last BOP T.: CSG Test:

Event: COMPLETION LAND  
Safety Meeting Topic:  
Location: Lat: 31° 2' 15.15392 N  
Long: 101° 8' 16.03300 W

API #: 4210542190  
Rig:  
Rig Phone:  
KB(ft): 2,664.51  
POB: 13 Manhours: 150.00

Current Activity: R/U RISERS FROM ZIPPER TO GOAT HEAD.  
24 Hr Summary: SHIFT SLEEVE. ESTABLISH INJECTION RATES.  
24 Hr Forecast: R/U RISERS FROM ZIPPER TO GOAT HEAD AND TEST SAME.

## OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	07:00	1.00	P	MIRU	44	WOD	WAIT ON DAYLIGHT.
07:00	08:00	1.00	P	MIRU	28	SFTYMTG	HELD SAFETY MEETING AND REVIEWED JSA'S W/ CREWS. REVIEWED SCOPE OF WORK W/ ENGINEER.
08:00	10:00	2.00	P	MIRU	18	OTHR	SPEARHEAD FABRICATING AND INSTALLING RISER AND VALVE ON 9 5/8" X 5 1/2" RISER. FINISH R/U FLOWBACK IRON AND WORK ON ZIPPER.
10:00	13:00	3.00	P	WBP	18	OTHR	R/U GAUGE TO MONITOR 9 5/8" X 5 1/2" CASING. TEST PUMP LINES TO 9500 PSI. SET POP OFF AND KICK OUT TO 9500 PSI. FILL CASING W/ 1 BBL 2%/BIOCIDE WATER. TEST 5 1/2" CASING TO 250 PSI LOW FOR 15 MIN. PRESSURE UP AND TEST TO 7700 PSI W/ 9.5 BBL 2% KCL/BIOCIDE FOR 15 MINUTES. PRESSURE UP TO 8000 PSI AND TEST FOR 15 MINUTES. BLEED TO 2000 PSI. PRESSURE UP @ 6 BPM AND SHIFT SLEEVE @ 9500 PSI. ESTABLISH INJECTION RATES. 10 BPM @ 4600 PSI. 20 BPM @ 6500 PSI. PUMPED TOTAL 150 BBLs. SHUT DOWN PUMPS. ISIP : 3800 PSI. 1 MIN-2272 PSI. 2 MIN-2130 PSI. 5 MIN-2074 PSI. R/U ON 9 5/8" X 5 1/2" CASING AND TEST TO 1500 PSI FOR 10 MIN. PRESSURE BLEED TO 1200 PSI IN 10 MIN. BLEED 9 5/8" X 5 1/2" CASING & 5 1/2" CASING TO '0' PSI. SECURE WELL
13:00	15:00	2.00	P	WBP	73	WOOWO	WAIT ON OTHER WELL OPERATIONS.
15:00	18:00	3.00	P	RDMO	02	RDMO	R/D CASED HOLE SOLUTION PUMPS AND IRON. CONTINUE R/U ZIPPER MANIFOLD AND TEST.
18:00	06:00	12.00	P	MIRU	44	WOD	WAIT ON DAYLIGHT.

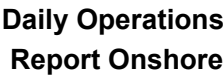
## Daily Operations Comments:

NO ACC OR POLLUTION REPORTED.

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
9.625	915.00 / 915.00		Fluids Eng:	Qty	Description	ID	OD	Top Set
14.000	40.00 / 40.00		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 4102DH/00

Country: USA  
State: TEXAS  
Field: SALT DRAW  
Supervisors: RICKY VONDENSTEIN / NONE  
Engineer/Manager: MEDINA, JAVIER / LLOYD, BARRY

Report Number: 003  
Report Date: 06/26/2016  
Spud Date: 02/09/2015  
Release Date:  
DOE: 6 DOL: 3 AFE Days:  
Last BOP T.: CSG Test:

Event: COMPLETION LAND  
Safety Meeting Topic:  
Location: Lat: 31° 2' 15.15392 N  
Long: 101° 8' 16.03300 W

API #: 4210542190  
Rig:  
Rig Phone:  
KB(ft): 2,664.51  
POB: 11 Manhours: 132.00

Current Activity: COMPLETE FRAC IRON RIG UP.  
24 Hr Summary: INSTALL 9 5/8" X 5 1/2" CASING LINE. INSTALL RISERS FROM ZIPPER TO GOAT HEAD.  
24 Hr Forecast: FINISH R/U FRAC IRON & TEST.

## OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	07:00	1.00	P	MIRU	44	WOD	WAIT ON DAYLIGHT.
07:00	07:30	0.50	P	MIRU	28	SFTYMTG	HELD SAFETY MEETING AND REVIEW JSA'S W/ CREWS.
07:30	18:00	10.50	P	MIRU	01	MIRU	INSTALL 9 5/8" X 5 1/2" CASING LINE. INSTALL 4" RISER LINES FROM ZIPPER TO GOAT HEAD. START RUNNING SAFETY RESTRAINTS. WEIR SHORT CONNECTIONS TO COMPLETE RIG UP. ADDITIONAL CONNECTIONS ARRIVING IN AM.CLOSE ALL VALVES ON STACK AND SECURE WELL.
18:00	06:00	12.00	P	MIRU	44	WOD	WAIT ON DAYLIGHT.

## Daily Operations Comments:

ONE FIRSTAID INCIDENT. NO POLLUTION REPORTED.

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
9.625	915.00 / 915.00		Fluids Eng:	Qty	Description	ID	OD	Top Set
14.000	40.00 / 40.00		Pit Temp:					
	/		Density:					
			Brine Type:					
			Gel Type:					
			Viscosity:					
			Nitrogen:					
			NTU:					
			<b>FLOWBACK</b>					
			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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Well Name/Wellbore No.: UNIVERSITY SALT DRAW 4102DH/00

Country: USA  
State: TEXAS  
Field: SALT DRAW  
Supervisors: RICKY VONDENSTEIN / NONE  
Engineer/Manager: MEDINA, JAVIER / LLOYD, BARRY

Report Number: 004  
Report Date: 06/27/2016  
Spud Date: 02/09/2015  
Release Date:  
DOE: 7 DOL: 4 AFE Days  
Last BOP T.: CSG Test:

Event: COMPLETION LAND  
Safety Meeting Topic:  
Location: Lat: 31° 2' 15.15392 N  
Long: 101° 8' 16.03300 W

API #:	4210542190
Rig:	
Rig Phone:	
KB(ft):	2,664.51
POB: 10	Manhours: 40.00

Current Activity:	WAITING ON FRAC OPERATIONS.
24 Hr Summary:	FINISH INSTALLING RISERS AND TEST.
24 Hr Forecast:	WAITING ON FRAC OPERATIONS.

## OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	07:00	1.00	P	MIRU	44	WOD	WAIT ON DAYLIGHT.
07:00	07:30	0.50	P	MIRU	28	SFTYMTG	HELD SAFETY MEETING AND REVIEW JSA'S W/ CREWS.
07:30	10:00	2.50	P	MIRU	01	MIRU	FINISH R/U RISERS FROM ZIPPER TO GOAT HEAD. INSTALL ALL SAFETY RESTRAINTS. TEST ZIPPER AND RISERS TO 250 PSI LOW, AND 9500 PSI HIGH FOR 10 MINUTES EACH TEST.
10:00	06:00	20.00	P	MIRU	18	OTHR	WAITING ON FRAC OPERATIONS.

## Daily Operations Comments:

ONE FIRSTAID INCIDENT. NO POLLUTION REPORTED.

[illegible]

## 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 4102DH/00

Country: USA  
State: TEXAS  
Field: SALT DRAW  
Supervisors: JOE GARCIA / NONE  
Engineer/Manager: MEDINA, JAVIER / LLOYD, BARRY

Report Number: 005  
Report Date: 07/11/2016  
Spud Date: 02/09/2015  
Release Date:  
DOE: 21 DOL: 5 AFE Days:  
Last BOP T.: CSG Test:

Event: COMPLETION LAND  
Safety Meeting Topic:  
Location: Lat: 31° 2' 15.15392 N  
Long: 101° 8' 16.03300 W

API #:	4210542190
Rig:	
Rig Phone:	
KB(ft):	2,664.51
POB: 30	Manhours: 180.00

Current Activity: RIGGING UP FRAC RELATED EQUIPMENT  
24 Hr Summary: FINISH RIGGING UP  
24 Hr Forecast: START FRAC AND WIRELINE OPERATIONS.

## OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	MIRU	28	SFTYMTG	JSA MEETING TALKED ABOUT HEAT STRESS, DRINKING PLENTY OF WATER, ALSO TALKED ABOUT H.E.L.P[
06:30	10:30	4.00	P	MIRU	01	MIRU	MIRU FRAC TECH, FRAC TECH WIRELINE, PRE-LOADING SILOS.
10:30	12:00	1.50	P	WBP	30	SEQP	INSTALLED A WFS TC 18 TUBING HANGER 7 1/16 X 2 7/8 AND INSTALLED 2 MANUAL FRAC VALVES TO THE EH WELL
12:00	16:00	4.00	P	WBP	30	SEQP	TESTED WIRELINE BOP'S 500PSI FOR LOW 10 MINS AND 8,000 PSI FOR THE HIGH 10 MINS. BOP TESTED GOOD.
16:00	18:00	2.00	P	MIRU	01	MIRU	PRE LOADING SAND, FRAC TECH STILL RIGGING UP, WIRELINE RIGGING UP AS WELL.
18:00	06:00	12.00	P	MIRU	01	MIRU	MIRU FRAC AND ASSOCIATED EQUIPMENT

## Daily Operations Comments:

NO INCCIDENTS OR ACCIDENTS TO REPORT

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
9.625	915.00 / 915.00		Fluids Eng:	Qty	Description	ID	OD	Top Set
14.000	40.00 / 40.00		Pit Temp:					
	/		Density:					
			Brine Type:					
			Gel Type:					
			Viscosity:					
			Nitrogen:					
			NTU:					
			<b>FLOWBACK</b>					
			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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Well Name/Wellbore No.: UNIVERSITY SALT DRAW 4102DH/00

Country: USA  
State: TEXAS  
Field: SALT DRAW  
Supervisors: JOE GARCIA, ROWDY SPAIN / HUGO RAMIREZ  
Engineer/Manager: MEDINA, JAVIER / LLOYD, BARRY

Report Number: 006  
Report Date: 07/12/2016  
Spud Date: 02/09/2015  
Release Date:  
DOE: 22 DOL: 6 AFE Days:  
Last BOP T.: CSG Test:

Event: COMPLETION LAND  
Safety Meeting Topic:  
Location: Lat: 31° 2' 15.15392 N  
Long: 101° 8' 16.03300 W

API #: 4210542190  
Rig:  
Rig Phone:  
KB(ft): 2,664.51  
POB: 76 Manhours: 456.00

Current Activity: SB TO FRAC STAGE #2.  
24 Hr Summary: PRE-PAD MEETING. ACIDIZE TOE. WL & FRAC STAGE #1; WL STAGE #2.  
24 Hr Forecast: CONTINUE FRAC AND WIRELINE OPERATIONS.

## OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	STG01	28	SFTYMTG	JSA MEETING TALKED ABOUT H.E.L.P, HEAT STREES, DRINKING PLENTY OF WATER.
06:30	09:00	2.50	P	STG01	36	SFEQ	GETTING LAST MINUTE TOGETHER AND PRESSURE TESTED FOR THE PRE-PAD MEETING
09:00	10:30	1.50	P	STG01	28	SFTYMTG	PRE-PAD MEETING`
10:30	11:30	1.00	P	STG01	18	OTHR	PUMPED 30 BBLS OF ACID @ 34 BPM @ 6,700PSI, PUMPED 426 BBLS OF SLICKWATER.
11:30	12:30	1.00	P	STG01	73	WOOWO	WOOWO
12:30	15:45	3.25	N	STG01	21	PERF	WL STAGE # 1. RU WL ON WELL. TEST WLPCE TO 8,000 PSI. RIH W/ DUMMY PLUG & 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 5803'. CCL QUIT AT 8500'. POOH. REPLACE BAD CCL W/ GAMMA RAY/CCL TOOL. RIH 2ND TIME. SHUT DOWN @ 3:30 PM SHUT DOWN @ 6600' TO REPAIR PUMPS. SHUT DOWN @ 4:20 SWITCH TO FRAC PUMPS TO FINISH PUMP DOWN.
15:45	19:45	4.00	P	STG01	21	PERF	WL STAGE #1. RESUME AND PUMP DOWN WL TO TARGET. PU & PERF ON THE FLY AT 14,051' - 14,219' O/A. PUMPED 933 BBLS. LOG OUT FOR CORRELATION LOG. POH. LD GUNS. ALL FIRED.
19:45	21:30	1.75	P	STG01	73	WOOWO	STAND BY FOR ADJACENT WELL OPERATIONS.
21:30	23:45	2.25	P	STG01	35	STIM	FRAC STAGE # 1 SLICKWATER - SICP 1,918. PUMP 60 BBLS 15% ACID. PUMP 298,000 LBS 100 MESH @ .5 - 2.5 PPA; FLUSH W/ 350 BBLS SLICK WATER, PUMP 190 BBLS VISC ACID, FLUSH W/ 350 SLICKWATER.
23:45	00:35	0.83	N	STG01	35	STIM	HAD TO SHUT DOWN DUE TO A LEAK ON WATER TRANSFER LINE
00:35	01:25	0.83	P	STG01	35	STIM	CONTINUE STG 1; PUMP 99,000 LBS 40/70 @ 1.0 - 2.5 PPA. ATP 5,296. ATR 69.3. MTP 6,878. MTR 91.6. ISIP 3,138. FG 0.93 TCF 10,538 BBLS.
01:25	04:45	3.33	P	STG02	21	PERF	WL STAGE #2: RU WL. TEST WLPCE TO 8,000 PSI. RIH W/ ECO-BOSS CFP + 8 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 48 SHOTS. CORRELATE W/ MJ @ 5,803'. PUMP DOWN AND SET CFP AT 14,034'. PU AND PERF ON FLY 13,851' - 14,019'. PUMPED 602 BBLS. PUH AND SB AT 500' FOR "FH" FRAC. POH. LD WL. ALL SHOTS FIRED.
04:45	05:30	0.75	P	STG02	73	WOOWO	STAND BY FOR ADJACENT WELL OPERATIONS.
05:30	06:00	0.50	P	STG02	28	SFTYMTG	SAFETY MEETING AND JSA REVIEW WITH DAY SHIFT PERSONNEL.

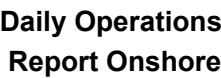
**Daily Operations Comments:**

NO INCCIDENTS OR ACCIDENTS TO REPORT

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
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			Viscosity:					
			Nitrogen:					
			NTU:					
			FLOWBACK					
			Gas Rate:					
			Choke Size:					
			Avg. Tbg. Press:					
			Avg. Csg. Press:					
			Fluid Rate (Water):					
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Country: USA  
State: TEXAS  
Field: SALT DRAW  
Supervisors: JOE GARCIA, ROWDY SPAIN / HUGO RAMIREZ  
Engineer/Manager: MEDINA, JAVIER / LLOYD, BARRY

Report Number: 006  
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Spud Date: 02/09/2015  
Release Date:  
DOE: 22 DOL: 6 AFE Days:  
Last BOP T.: CSG Test:

Event: COMPLETION LAND  
Safety Meeting Topic:

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Rig Phone:  
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POB: 76 Manhours: 456.00

Current Activity: SB TO FRAC STAGE #2.  
24 Hr Summary: PRE-PAD MEETING. ACIDIZE TOE. WL & FRAC STAGE #1; WL STAGE #2.  
24 Hr Forecast: CONTINUE FRAC AND WIRELINE OPERATIONS.

## OPERATION DETAILS

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09:00	10:30	1.50	P	STG01	28	SFTYMTG	PRE-PAD MEETING'
10:30	11:30	1.00	P	STG01	18	OTHR	PUMPED 30 BBLS OF ACID @ 34 BPM @ 6,700PSI, PUMPED 426 BBLS OF SLICKWATER.
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12:30	15:45	3.25	N	STG01	21	PERF	WL STAGE # 1. RU WL ON WELL. TEST WLPCE TO 8,000 PSI. RIH W/ DUMMY PLUG & 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 5803'. CCL QUIT AT 8500'. POOH. REPLACE BAD CCL W/ GAMMA RAY/CCL TOOL. RIH 2ND TIME. SHUT DOWN @ 3:30 PM SHUT DOWN @ 6600' TO REPAIR PUMPS. SHUT DOWN @ 4:20 SWITCH TO FRAC PUMPS TO FINISH PUMP DOWN.
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19:45	21:30	1.75	P	STG01	73	WOOWO	STAND BY FOR ADJACENT WELL OPERATIONS.
21:30	23:45	2.25	P	STG01	35	STIM	FRAC STAGE # 1 SLICKWATER - SICP 1,918. PUMP 60 BBLS 15% ACID. PUMP 298,000 LBS 100 MESH @ .5 - 2.5 PPA; FLUSH W/ 350 BBLS SLICK WATER, PUMP 190 BBLS VISC ACID, FLUSH W/ 350 SLICKWATER.
23:45	00:35	0.83	N	STG01	35	STIM	HAD TO SHUT DOWN DUE TO A LEAK ON WATER TRANSFER LINE
00:35	01:25	0.83	P	STG01	35	STIM	CONTINUE STG 1; PUMP 99,000 LBS 40/70 @ 1.0 - 2.5 PPA. ATP 5,296. ATR 69.3. MTP 6,878. MTR 91.6. ISIP 3,138. FG 0.93 TCF 10,538 BBLS.
01:25	04:45	3.33	P	STG02	21	PERF	WL STAGE #2: RU WL. TEST WLPCE TO 8,000 PSI. RIH W/ ECO-BOSS CFP + 8 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 48 SHOTS. CORRELATE W/ MJ @ 5,803'. PUMP DOWN AND SET CFP AT 14,034'. PU AND PERF ON FLY 13,851' - 14,019'. PUMPED 602 BBLS. PUH AND SB AT 500' FOR "FH" FRAC. POH. LD WL. ALL SHOTS FIRED.
04:45	05:30	0.75	P	STG02	73	WOOWO	STAND BY FOR ADJACENT WELL OPERATIONS.
05:30	06:00	0.50	P	STG02	28	SFTYMTG	SAFETY MEETING AND JSA REVIEW WITH DAY SHIFT PERSONNEL.

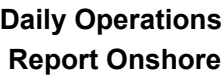
## Daily Operations Comments:

NO INCCIDENTS OR ACCIDENTS TO REPORT

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
9.625	915.00 / 915.00		Fluids Eng:	Qty	Description	ID	OD	Top Set
14.000	40.00 / 40.00		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: JOE GARCIA, ROWDY SPAIN / HUGO RAMIREZ  
Engineer/Manager: MEDINA, JAVIER / LLOYD, BARRY

Report Number: 007  
Report Date: 07/13/2016  
Spud Date: 02/09/2015  
Release Date:  
DOE: 23 DOL: 7 AFE Days:  
Last BOP T.: CSG Test:

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

Event: COMPLETION LAND  
Safety Meeting Topic:  
Location: Lat: 31° 2' 15.15392 N  
Long: 101° 8' 16.03300 W

API #: 4210542190  
Rig:  
Rig Phone:  
KB(ft): 2,664.51  
POB: 79 Manhours: 504.00

Current Activity: FRAC STAGE #5.  
24 Hr Summary: FRAC STAGE #2; WL & FRAC STAGE #3 - 4; WL STAGE #5.  
24 Hr Forecast: CONTINUE FRAC AND WIRELINE OPERATIONS.

OPERATION DETAILS							
FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	STG02	28	SFTYMTG	JSA MEETING
06:30	09:00	2.50	P	STG02	35	STIM	FRAC STAGE # 2 SLICKWATER - SICP 1,857. PUMP 60 BBLS 15% ACID. PUMP 298,000 LBS 100 MESH @ .5 - 2.5 PPA; FLUSH W/ 350 BBLS SLICK WATER, PUMP 190 BBLS VISC ACID; FLUSH W/ 230 SLICK WATER; PUMP 99,000 LBS 40/70 @ 1.0 - 2.5 PPA. ATP 5,920. ATR 71.2. MTP 6,364. MTR 91.4. ISIP 2,862. FG 0.89. TCF 10,341 BBLS
09:00	13:40	4.67	P	STG03	21	PERF	WL STAGE #3: RU WL. TEST WLPCE TO 8,000 PSI. RIH W/ ECO-BOSS CFP + 8 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 48 SHOTS. CORRELATE W/ MJ @ 5,803'. PUMP DOWN AND SET CFP AT 13,815'. PU AND PERF ON FLY 13,651' - 13,818'. PUMPED 470 BBLS. PUH AND SB AT 500' FOR "FH" FRAC. POH. LD WL. ALL SHOTS FIRED.
13:40	16:00	2.33	P	STG03	35	STIM	FRAC STAGE # 3 SLICKWATER - SICP 2,030. PUMP 60 BBLS 15% ACID. PUMP 298,000 LBS 100 MESH @ .5 - 2.5 PPA; FLUSH W/ 350 BBLS SLICK WATER, PUMP 190 BBLS VISC ACID, FLUSH W/ 230 SLICK WATER; PUMP 99,000 LBS 40/70 @ 1.0 - 2.5 PPA. ATP 5,185. ATR 72.0. MTP 8,007. MTR 90. ISIP 2,922. FG 0.90. TCF 10,017 BBLS
16:00	19:45	3.75	P	STG04	21	PERF	WL STAGE #4: RU WL. TEST WLPCE TO 8,000 PSI. RIH W/ ECO-BOSS CFP + 8 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 48 SHOTS. CORRELATE W/ MJ @ 5,803'. PUMP DOWN AND SET CFP AT 13,634'. PU AND PERF ON FLY 13,451' - 13,615'. PUMPED 463 BBLS. PUH AND SB AT 500' FOR "FH" FRAC. POH. LD WL. ALL SHOTS FIRED.
19:45	20:15	0.50	P	STG04	73	WOOWO	STAND BY FOR START OF WL OPS ON "FH".
20:15	23:15	3.00	P	STG04	35	STIM	FRAC STAGE # 4 SLICKWATER - SICP 2,053. PUMP 30 BBLS 15% ACID. PUMP 298,000 LBS 100 MESH @ .5 - 2.5 PPA; FLUSH W/ 350 BBLS SLICK WATER, PUMP 190 BBLS VISC ACID, FLUSH W/ 230 SLICK WATER; PUMP 99,000 LBS 40/70 @ 1.0 - 2.5 PPA. ATP 4,777. ATR 71.1. MTP 6,483. MTR 90.3. ISIP 2,724. FG 0.86 TCF 10,126 BBLS
23:15	00:00	0.75	P	WHDTRE	09	EQRP	INSTALL PIPING AND MANUAL CASING PRESSURE GAUGES. REPOSITION TEST PUMP UNIT.
00:00	03:30	3.50	P	STG05	21	PERF	WL STAGE #5: RU WL. TEST WLPCE TO 8,000 PSI. RIH W/ ECO-BOSS CFP + 8 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 48 SHOTS. CORRELATE W/ MJ @ 5,803'. PUMP DOWN AND SET CFP AT 13,434'. PU AND PERF ON FLY 13,251' - 13,419'. PUMPED 527 BBLS. PUH AND SB AT 500' FOR "FH" FRAC. POH. LD WL. ALL SHOTS FIRED.
03:30	04:30	1.00	P	STG05	09	EQRP	SCHEDULED MAINTENANCE: GREASE ZIPPER LEG AND STACK VALVES.
04:30	05:30	1.00	P	STG05	35	STIM	FRAC STAGE #5 IN PROGRESS AT REPORT TIME.
05:30	06:00	0.50	P	STG05	28	SFTYMTG	HELD SAFETY MEETING AND JSA REVIEW WITH DAY SHIFT PERSONNEL.

**Daily Operations Comments:**  
NO INCCIDENTS OR ACCIDENTS TO REPORT

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)		LOT(ppg)	Down Hole Tool Co:		Tool Sup:		
9.625	915.00	915.00	Fluids Co:	Qty	Description	ID	OD	Top Set
14.000	40.00	40.00	Fluids Eng:					
		/	Pit Temp:					
			Density:					
			Brine Type:					
			Gel Type:					
			Viscosity:					
			Nitrogen:					
			NTU:					
			FLOWBACK					
			Gas Rate:					
			Choke Size:					
			Avg. Tbg. Press:					
			Avg. Csg. Press:					
			Fluid Rate (Water):					
			Fluid Rate (Oil):					
			Tot. Load Recovered:					

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





Country: USA  
State: TEXAS  
Field: SALT DRAW  
Supervisors: JOE GARCIA, ROWDY SPAIN / HUGO RAMIREZ  
Engineer/Manager: MEDINA, JAVIER / LLOYD, BARRY

Report Number: 007  
Report Date: 07/13/2016  
Spud Date: 02/09/2015  
Release Date:  
DOE: 23 DOL: 7 AFE Days:  
Last BOP T.: CSG Test:

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

Event: COMPLETION LAND  
Safety Meeting Topic:  
Location: Lat: 31° 2' 15.15392 N  
Long: 101° 8' 16.03300 W

API #: 4210542190  
Rig:  
Rig Phone:  
KB(ft): 2,664.51  
POB: 79 Manhours: 504.00

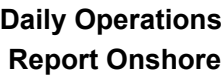
Current Activity: FRAC STAGE #5.  
24 Hr Summary: FRAC STAGE #2; WL & FRAC STAGE #3 - 4; WL STAGE #5.  
24 Hr Forecast: CONTINUE FRAC AND WIRELINE OPERATIONS.

OPERATION DETAILS							
FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	STG02	28	SFTYMTG	JSA MEETING
06:30	09:00	2.50	P	STG02	35	STIM	FRAC STAGE # 2 SLICKWATER - SICP 1,857. PUMP 60 BBLS 15% ACID. PUMP 298,000 LBS 100 MESH @ .5 - 2.5 PPA; FLUSH W/ 350 BBLS SLICK WATER, PUMP 190 BBLS VISC ACID; FLUSH W/ 230 SLICK WATER; PUMP 99,000 LBS 40/70 @ 1.0 - 2.5 PPA. ATP 5,920. ATR 71.2. MTP 6,364. MTR 91.4. ISIP 2,862. FG 0.89. TCF 10,341 BBLS
09:00	13:40	4.67	P	STG03	21	PERF	WL STAGE #3: RU WL. TEST WLPCE TO 8,000 PSI. RIH W/ ECO-BOSS CFP + 8 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 48 SHOTS. CORRELATE W/ MJ @ 5,803'. PUMP DOWN AND SET CFP AT 13,815'. PU AND PERF ON FLY 13,651' - 13,818'. PUMPED 470 BBLS. PUH AND SB AT 500' FOR "FH" FRAC. POH. LD WL. ALL SHOTS FIRED.
13:40	16:00	2.33	P	STG03	35	STIM	FRAC STAGE # 3 SLICKWATER - SICP 2,030. PUMP 60 BBLS 15% ACID. PUMP 298,000 LBS 100 MESH @ .5 - 2.5 PPA; FLUSH W/ 350 BBLS SLICK WATER, PUMP 190 BBLS VISC ACID, FLUSH W/ 230 SLICK WATER; PUMP 99,000 LBS 40/70 @ 1.0 - 2.5 PPA. ATP 5,185. ATR 72.0. MTP 8,007. MTR 90. ISIP 2,922. FG 0.90. TCF 10,017 BBLS
16:00	19:45	3.75	P	STG04	21	PERF	WL STAGE #4: RU WL. TEST WLPCE TO 8,000 PSI. RIH W/ ECO-BOSS CFP + 8 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 48 SHOTS. CORRELATE W/ MJ @ 5,803'. PUMP DOWN AND SET CFP AT 13,634'. PU AND PERF ON FLY 13,451' - 13,615'. PUMPED 463 BBLS. PUH AND SB AT 500' FOR "FH" FRAC. POH. LD WL. ALL SHOTS FIRED.
19:45	20:15	0.50	P	STG04	73	WOOWO	STAND BY FOR START OF WL OPS ON "FH".
20:15	23:15	3.00	P	STG04	35	STIM	FRAC STAGE # 4 SLICKWATER - SICP 2,053. PUMP 30 BBLS 15% ACID. PUMP 298,000 LBS 100 MESH @ .5 - 2.5 PPA; FLUSH W/ 350 BBLS SLICK WATER, PUMP 190 BBLS VISC ACID, FLUSH W/ 230 SLICK WATER; PUMP 99,000 LBS 40/70 @ 1.0 - 2.5 PPA. ATP 4,777. ATR 71.1. MTP 6,483. MTR 90.3. ISIP 2,724. FG 0.86 TCF 10,126 BBLS
23:15	00:00	0.75	P	WHDTRE	09	EQRP	INSTALL PIPING AND MANUAL CASING PRESSURE GAUGES. REPOSITION TEST PUMP UNIT.
00:00	03:30	3.50	P	STG05	21	PERF	WL STAGE #5: RU WL. TEST WLPCE TO 8,000 PSI. RIH W/ ECO-BOSS CFP + 8 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 48 SHOTS. CORRELATE W/ MJ @ 5,803'. PUMP DOWN AND SET CFP AT 13,434'. PU AND PERF ON FLY 13,251' - 13,419'. PUMPED 527 BBLS. PUH AND SB AT 500' FOR "FH" FRAC. POH. LD WL. ALL SHOTS FIRED.
03:30	04:30	1.00	P	STG05	09	EQRP	SCHEDULED MAINTENANCE: GREASE ZIPPER LEG AND STACK VALVES.
04:30	05:30	1.00	P	STG05	35	STIM	FRAC STAGE #5 IN PROGRESS AT REPORT TIME.
05:30	06:00	0.50	P	STG05	28	SFTYMTG	HELD SAFETY MEETING AND JSA REVIEW WITH DAY SHIFT PERSONNEL.

**Daily Operations Comments:**  
NO INCCIDENTS OR ACCIDENTS TO REPORT

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
9.625	915.00 / 915.00		Fluids Eng:	Qty	Description	ID	OD	Top Set
14.000	40.00 / 40.00		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: JOE GARCIA, ROWDY SPAIN / HUGO RAMIREZ  
Engineer/Manager: MEDINA, JAVIER / LLOYD, BARRY

Report Number: 008  
Report Date: 07/14/2016  
Spud Date: 02/09/2015  
Release Date:  
DOE: 24 DOL: 8 AFE Days:  
Last BOP T.: CSG Test:

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

Event: COMPLETION LAND  
Safety Meeting Topic:  
Location: Lat: 31° 2' 15.15392 N  
Long: 101° 8' 16.03300 W

API #: 4210542190  
Rig:  
Rig Phone:  
KB(ft): 2,664.51  
POB: 73 Manhours: 456.00

Current Activity: WL STAGE #9.  
24 Hr Summary: FRAC STAGE #5. PERF AND FRAC STAGE #6 - 8.  
24 Hr Forecast: CONTINUE FRAC AND WIRELINE OPERATIONS.

## OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	07:00	1.00	P	STG05	35	STIM	FRAC STAGE # 5 SLICKWATER - SICP 1,660. PUMP 60 BBLS 15% ACID. PUMP 298,000 LBS 100 MESH @ .5 - 2.5 PPA; FLUSH W/ 350 BBLS SLICK WATER, PUMP 190 BBLS VISC ACID; FLUSH W/ 230 SLICK WATER; PUMP 99,000 LBS 40/70 @ 1.0 - 2.5 PPA. ATP 5,920. ATR 71.2. MTP 6,364. MTR 91.4. ISIP 3,022. FG 0.91. TCF 9,965 BBLS
07:00	10:30	3.50	P	STG06	21	PERF	WL STAGE #6: RU WL. TEST WLPCE TO 8,000 PSI. RIH W/ ECO-BOSS CFP + 8 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 48 SHOTS. CORRELATE W/ MJ @ 5,803'. PUMP DOWN AND SET CFP AT 13,236'. PU AND PERF ON FLY 13,0251' - 13,219'. PUMPED 431 BBLS. PUH AND SB AT 500' FOR "FH" FRAC. POH. LD WL. ALL SHOTS FIRED
10:30	13:50	3.33	P	STG06	35	STIM	FRAC STAGE # 6 SLICKWATER - SICP 2,008. PUMP 60 BBLS 15% ACID. PUMP 298,000 LBS 100 MESH @ .5 - 2.5 PPA; FLUSH W/ 350 BBLS SLICK WATER, PUMP 190 BBLS VISC ACID; FLUSH W/ 230 SLICK WATER; PUMP 99,000 LBS 40/70 @ 1.0 - 2.5 PPA. ATP 5,137. ATR 71.6. MTP 6,904. MTR 92.4. ISIP 3,074. FG 0.92. TCF 10,125 BBLS
13:50	16:50	3.00	P	STG07	21	PERF	WL STAGE #7: RU WL. TEST WLPCE TO 8,000 PSI. RIH W/ ECO-BOSS CFP + 8 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 48 SHOTS. CORRELATE W/ MJ @ 5,803'. PUMP DOWN AND SET CFP AT 13,034'. PU AND PERF ON FLY 12,851' - 13,019'. PUMPED 413 BBLS. PUH AND SB AT 500' FOR "FH" FRAC. POH. LD WL. ALL SHOTS FIRED
16:50	17:30	0.67	P	STG07	73	WOOWO	STANDBY FOR WL REHEAD ON THE "FH" WELL.
17:30	18:00	0.50	P	STG07	28	SFTYMTG	HELD SAFETY MEETING AND JSA REVIEW.
18:00	21:30	3.50	P	STG07	35	STIM	FRAC STAGE # 7 SLICKWATER - SICP 1,982. PUMP 30 BBLS 15% ACID. PUMP 298,000 LBS 100 MESH @ .5 - 2.5 PPA; FLUSH W/ 350 BBLS SLICK WATER, PUMP 190 BBLS VISC ACID; FLUSH W/ 230 SLICK WATER; PUMP 99,000 LBS 40/70 @ 1.0 - 2.5 PPA. ATP 4,947. ATR 72.1. MTP 6,506. MTR 92.5. ISIP 3,283. FG 0.95. TCF 10,210 BBLS
21:30	01:00	3.50	P	STG08	21	PERF	WL STAGE #8: RU WL. TEST WLPCE TO 7,500 PSI. RIH W/ ECO-BOSS CFP + 8 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 48 SHOTS. CORRELATE W/ MJ @ 5,803'. PUMP DOWN AND SET CFP AT 12,834'. PU AND PERF ON FLY 12,651' - 12,819'. PUMPED 479 BBLS. PUH AND SB AT 500' FOR "FH" FRAC. POH. LD WL. ALL SHOTS FIRED.
01:00	01:30	0.50	P	STG08	73	WOOWO	WOOWO
01:30	04:15	2.75	P	STG08	35	STIM	FRAC STAGE # 8 SLICKWATER - SICP 2,104. PUMP 60 BBLS 15% ACID. PUMP 298,000 LBS 100 MESH @ .5 - 2.5 PPA; FLUSH W/ 350 BBLS SLICK WATER, PUMP 190 BBLS VISC ACID; FLUSH W/ 230 SLICK WATER; PUMP 99,000 LBS 40/70 @ 1.0 - 2.5 PPA. ATP 4,904. ATR 71.2. MTP 6,958. MTR 91. ISIP 3,328. FG 0.96. TCF 10,038 BBLS
04:15	05:30	1.25	P	STG09	21	PERF	WL STAGE #9: RU WL. TEST WLPCE TO 7,500 PSI. RIH W/ ECO-BOSS CFP + 8 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 48 SHOTS. CORRELATE W/ MJ @ 5,803'. PUMP DOWN AND SET CFP AT 12,634'. PU AND PERF ON FLY 12,448' - 12,619'. PUMPED 500 BBLS. PUH AND SB AT 500' FOR "FH" FRAC AT REPORT TIME.
05:30	06:00	0.50	P	STG09	28	SFTYMTG	HELD SAFETY MEETING AND JSA REVIEW.

## Daily Operations Comments:

NO INCCIDENTS OR ACCIDENTS TO REPORT

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)		LOT(ppg)	Down Hole Tool Co:		Tool Sup:		
9.625	915.00 /	915.00		Qty	Description	ID	OD	Top Set
14.000	40.00 /	40.00						
			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: RICK MULL, ROWDY SPAIN / JUAN CASTILLO, C  
Engineer/Manager: MEDINA, JAVIER / LLOYD, BARRY

Report Number: 009  
Report Date: 07/15/2016  
Spud Date: 02/09/2015  
Release Date:  
DOE: 25 DOL: 9 AFE Days:  
Last BOP T.: CSG Test:

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

Event: COMPLETION LAND  
Safety Meeting Topic:  
Location: Lat: 31° 2' 15.15392 N  
Long: 101° 8' 16.03300 W

API #: 4210542190  
Rig:  
Rig Phone:  
KB(ft): 2,664.51  
POB: 73 Manhours: 456.00

Current Activity: WL STAGE #12.  
24 Hr Summary: FRAC STAGE #9. PERF AND FRAC #10 - #11.  
24 Hr Forecast: CONTINUE FRAC AND WIRELINE OPERATIONS.

OPERATION DETAILS							
FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	07:30	1.50	P	STG09	73	WOOWO	WOOWO
07:30	08:30	1.00	P	STG09	09	EQRP	GREASE AND TORQUE
08:30	10:30	2.00	N	STG09	09	EQRP	REPLACE MALFUNCTIONING ACCUMULATOR
10:30	14:00	3.50	P	STG09	35	STIM	FRAC STAGE # 9 SLICKWATER - SICP 2,067. PUMP 60 BBLS 15% ACID. PUMP 298,000 LBS 100 MESH @ .5 - 2.5 PPA; FLUSH W/ 350 BBLS SLICK WATER, PUMP 190 BBLS VISC ACID; FLUSH W/ 230 SLICK WATER; PUMP 99,000 LBS 40/70 @ 1.0 - 2.5 PPA. ATP: 4,810. ATR: 72.2. MTP: 6,506. MTR: 93.3. ISIP: 3,063. FG 0.92. TCF: 9,735 BBLS
14:00	14:30	0.50	P	STG10	73	WOOWO	WOOWO
14:30	17:30	3.00	P	STG10	21	PERF	WL STAGE #10: RU WL. TEST WLPCE TO 7,500 PSI. RIH W/ ECO-BOSS CFP + 6 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 36 SHOTS. CORRELATE W/ MJ @ 5,803'. PUMP DOWN AND SET CFP AT 12,434'. PU AND PERF ON FLY 12,251' - 12,419'. PUMPED 367 BBLS. PUH AND SB AT 500' FOR "FH" FRAC. POH. LD WL. ALL SHOTS FIRED.
17:30	18:00	0.50	P	STG10	28	SFTYMTG	SAFETY MEETING & JSA REVIEW WITH NIGHT SHIFT PERSONNEL.
18:00	21:15	3.25	P	STG10	35	STIM	FRAC STAGE # 10 SLICKWATER - SICP 1,755. PUMP 30 BBLS 15% ACID. PUMP 298,000 LBS 100 MESH @ .5 - 2.5 PPA; FLUSH W/ 350 BBLS SLICK WATER, PUMP 190 BBLS VISC ACID; FLUSH W/ 230 SLICK WATER; PUMP 99,000 LBS 40/70 @ 1.0 - 2.5 PPA. ATP: 4,922. ATR: 71.6. MTP: 6,443. MTR: 90.8. ISIP: 3,090. FG 0.92. TCF: 10,228 BBLS
21:15	00:15	3.00	P	STG11	21	PERF	WL STAGE #11: RU WL. TEST WLPCE TO 7,500 PSI. RIH W/ ECO-BOSS CFP + 8 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 48 SHOTS. CORRELATE W/ MJ @ 5,803'. PUMP DOWN AND SET CFP AT 12,230'. PU AND PERF ON FLY 12,051' - 12,219'. PUMPED 413 BBLS. PUH AND SB AT 500' FOR "FH" FRAC. POH. LD WL. ALL SHOTS FIRED.
00:15	03:30	3.25	P	STG11	35	STIM	FRAC STAGE # 11 SLICKWATER - SICP 1,791. PUMP 30 BBLS 15% ACID. PUMP 298,000 LBS 100 MESH @ .5 - 2.5 PPA; FLUSH W/ 350 BBLS SLICK WATER, PUMP 190 BBLS VISC ACID; FLUSH W/ 230 SLICK WATER; PUMP 99,000 LBS 40/70 @ 1.0 - 2.5 PPA. ATP: 4,637. ATR: 72.3. MTP: 6,610. MTR: 92. ISIP: 3,430. FG 0.98. TCF: 9,883
03:30	04:15	0.75	P	WLWORK	09	EQRP	SCHEDULED MAINTENANCE - REHEAD WL.
04:15	05:30	1.25	P	STG12	21	PERF	WL STAGE #12: RU WL. TEST WLPCE TO 7,500 PSI. RIH W/ ECO-BOSS CFP + 8 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 48 SHOTS. CORRELATE W/ MJ @ 5,803'. PUMP DOWN AND SET CFP AT 12,034'. PU AND PERF ON FLY 11,853' - 12,017'. PUMPED 436 BBLS. PUH AND SB AT 500' FOR "FH" FRAC AT REPORT TIME.
05:30	06:00	0.50	P	STG12	28	SFTYMTG	SAFETY MEETING AND JSA REVIEW WITH DAY SHIFT PERSONNEL.

**Daily Operations Comments:**  
NO INCCIDENTS OR ACCIDENTS TO REPORT

Casing			Fluids	Completion String Details				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
9.625	915.00 / 915.00		Fluids Eng:	Qty	Description	ID	OD	Top Set
14.000	40.00 / 40.00		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: RICK MULL, ROWDY SPAIN / JUAN CASTILLO, C  
Engineer/Manager: MEDINA, JAVIER / LLOYD, BARRY

Report Number: 010  
Report Date: 07/16/2016  
Spud Date: 02/09/2015  
Release Date:  
DOE: 26 DOL: 10 AFE Days:  
Last BOP T.: CSG Test:

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

Event: COMPLETION LAND  
Safety Meeting Topic:  
Location: Lat: 31° 2' 15.15392 N  
Long: 101° 8' 16.03300 W

API #: 4210542190  
Rig:  
Rig Phone:  
KB(ft): 2,664.51  
POB: 73 Manhours: 456.00

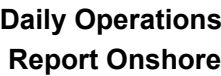
Current Activity: FRAC #15.  
24 Hr Summary: PERF & FRAC STG #12 - #14. PERF STAGE #15.  
24 Hr Forecast: CONTINUE FRAC AND WIRELINE OPERATIONS.

OPERATION DETAILS							
FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	07:15	1.25	P	STG12	73	WOOWO	WOOWO
07:15	10:30	3.25	P	STG12	35	STIM	FRAC STAGE # 12 SLICKWATER - SICP 2,043. PUMP 30 BBLS 15% ACID. PUMP 298,000 LBS 100 MESH @ .5 - 2.5 PPA; FLUSH W/ 350 BBLS SLICK WATER, PUMP 190 BBLS VISC ACID; FLUSH W/ 230 SLICK WATER; PUMP 99,000 LBS 40/70 @ 1.0 - 2.5 PPA. ATP: 4,650. ATR: 74.4. MTP: 6,373. MTR: 95.2. ISIP: 3,119. FG 0.93. TCF: 9,733 BBLS
10:30	14:00	3.50	P	STG13	21	PERF	WL STAGE # 13: RU WL. TEST WLPCE TO 7,500 PSI. RIH W/ ECO-BOSS CFP + 8 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 48 SHOTS. CORRELATE W/ MJ @ 5,803'. PUMP DOWN AND SET CFP AT 11,836'. PU AND PERF ON FLY 11,651' - 11,819'. PUMPED 346 BBLS. PUH AND SB AT 500' FOR "FH" FRAC. POH. LD WL. ALL SHOTS FIRED. CHANGE PORT PLUGS
14:00	14:30	0.50	P	STG13	09	EQRP	GREASE WELLHEAD
14:30	17:30	3.00	P	STG13	35	STIM	FRAC STAGE # 13 SLICKWATER - SICP 2,137. PUMP 30 BBLS 15% ACID. PUMP 298,000 LBS 100 MESH @ .5 - 2.5 PPA; FLUSH W/ 350 BBLS SLICK WATER, PUMP 190 BBLS VISC ACID; FLUSH W/ 230 SLICK WATER; PUMP 99,000 LBS 40/70 @ 1.0 - 2.5 PPA. ATP: 4,719. ATR: 72.7. MTP: 6,577. MTR: 93.1. ISIP: 3,046. FG 0.91. TCF: 9,954 BBLS
17:30	18:00	0.50	P	STG13	28	SFTYMTG	SAFETY MEETING & JSA REVIEW WITH NIGHT SHIFT PERSONNEL.
18:00	18:45	0.75	P	STG14	09	EQRP	SCHEDULED MAINTENANCE: REHEAD WL, GREASE ZIPPER MANIFOLD.
18:45	22:00	3.25	P	STG14	21	PERF	WL STAGE # 14: RU WL. TEST WLPCE TO 8,000 PSI. RIH W/ ECO-BOSS CFP + 8 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 48 SHOTS. CORRELATE W/ MJ @ 5,803'. PUMP DOWN AND SET CFP AT 11,632'. PU AND PERF ON FLY 11,451' - 11,619'. PUMPED 385 BBLS. PUH AND SB AT 500' FOR "FH" FRAC. POH. LD WL. ALL SHOTS FIRED.
22:00	01:15	3.25	P	STG14	35	STIM	FRAC STAGE # 14 SLICKWATER - SICP 1,928. PUMP 30 BBLS 15% ACID. PUMP 298,000 LBS 100 MESH @ .5 - 2.5 PPA; FLUSH W/ 350 BBLS SLICK WATER, PUMP 190 BBLS VISC ACID; FLUSH W/ 230 SLICK WATER; PUMP 99,000 LBS 40/70 @ 1.0 - 2.5 PPA. ATP: 4,733. ATR: 71.2. MTP: 7,689. MTR: 92.7. ISIP: 3,288. FG 0.95. TCF: 9,781 BBLS
01:15	05:00	3.75	P	STG15	21	PERF	WL STAGE # 15: RU WL. TEST WLPCE TO 8,000 PSI. RIH W/ ECO-BOSS CFP + 8 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 48 SHOTS. CORRELATE W/ MJ @ 5,803'. PUMP DOWN AND SET CFP AT 11,434'. PU AND PERF ON FLY 11,251' - 11,417'. PUMPED 359 BBLS. PUH AND SB AT 500' FOR "FH" FRAC. POH. LD WL. ALL SHOTS FIRED.
05:00	05:30	0.50	P	STG15	35	STIM	FRAC STAGE #15 AT REPORT TIME.
05:30	06:00	0.50	P	STG15	28	SFTYMTG	SAFETY MEETING AND JSA REVIEW.

**Daily Operations Comments:**  
NO INCCIDENTS OR ACCIDENTS TO REPORT

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
9.625	915.00 / 915.00		Fluids Eng:	Qty	Description	ID	OD	Top Set
14.000	40.00 / 40.00		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 4102DH/00

Country: USA  
State: TEXAS  
Field: SALT DRAW  
Supervisors: RICK MULL, ROWDY SPAIN / JUAN CASTILLO, C  
Engineer/Manager: MEDINA, JAVIER / LLOYD, BARRY

Report Number: 011  
Report Date: 07/17/2016  
Spud Date: 02/09/2015  
Release Date:  
DOE: 27 DOL: 11 AFE Days:  
Last BOP T.: CSG Test:

Event: COMPLETION LAND  
Safety Meeting Topic:

Location: Lat: 31° 2' 15.15392 N  
Long: 101° 8' 16.03300 W

API #: 4210542190  
Rig:  
Rig Phone:  
KB(ft): 2,664.51  
POB: 73 Manhours: 456.00

Current Activity: PREP TO WL STAGE #19.  
24 Hr Summary: FRAC STG 15-18, WIRELINE STG 16-18  
24 Hr Forecast: CONTINUE FRAC AND WIRELINE OPERATIONS.

## OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	08:30	2.50	P	STG15	35	STIM	FRAC STAGE # 15 SLICKWATER - SICP 1,998. PUMP 30 BBLS 15% ACID. PUMP 298,000 LBS 100 MESH @ .5 - 2.5 PPA; FLUSH W/ 350 BBLS SLICK WATER, PUMP 190 BBLS VISC ACID; FLUSH W/ 230 SLICK WATER; PUMP 99,000 LBS 40/70 @ 1.0 - 2.5 PPA. ATP: 4,924. ATR: 73.9. MTP: 6,628. MTR: 96.3. ISIP: 3,036. FG 0.91. TCF: 9,577 BBLS
08:30	11:30	3.00	P	STG16	21	PERF	WL STAGE # 16: RU WL. TEST WLPCE TO 8,000 PSI. RIH W/ ECO-BOSS CFP + 7 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 42 SHOTS. CORRELATE W/ MJ @ 5,803'. PUMP DOWN AND SET CFP AT 11,234'. PU AND PERF ON FLY 11,051' - 11,219'. PUMPED 298 BBLS. PUH AND SB AT 500' FOR "FH" FRAC. POH. LD WL. ALL SHOTS FIRED.
11:30	12:00	0.50	P	STG16	73	WOOWO	WOOWO
12:00	15:00	3.00	P	STG16	35	STIM	FRAC STAGE # 16 SLICKWATER - SICP 1,990. PUMP 30 BBLS 15% ACID. PUMP 298,000 LBS 100 MESH @ .5 - 2.5 PPA; FLUSH W/ 350 BBLS SLICK WATER, PUMP 190 BBLS VISC ACID; FLUSH W/ 230 SLICK WATER; PUMP 99,000 LBS 40/70 @ 1.0 - 2.5 PPA. ATP: 4,906. ATR: 72.8. MTP: 7,392. MTR: 92.2. ISIP: 3,105. FG 0.92. TCF: 9,789 BBLS
15:00	17:30	2.50	P	STG17	21	PERF	WL STAGE # 17: RU WL. TEST WLPCE TO 8,000 PSI. RIH W/ ECO-BOSS CFP + 7 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 42 SHOTS. CORRELATE W/ MJ @ 5,803'. PUMP DOWN AND SET CFP AT 11,038'. PU AND PERF ON FLY 10,851' - 11,019'. PUMPED 290 BBLS. PUH AND SB AT 500' FOR "FH" FRAC. POH. LD WL. ALL SHOTS FIRED.
17:30	18:00	0.50	P	STG17	28	SFTYMTG	SAFETY MEETING & JSA REVIEW WITH NIGHT SHIFT PERSONNEL.
18:00	19:00	1.00	P	STG17	09	EQRP	SCHEDULED MAINTENANCE: GREASE AND RETORQ STACK.
19:00	22:00	3.00	P	STG17	35	STIM	FRAC STAGE # 17 SLICKWATER - SICP 2,085. PUMP 30 BBLS 15% HCL ACID. PUMP 298,000 LBS 100 MESH @ .5 - 2.5 PPA; FLUSH W/ 350 BBLS SLICK WATER; PUMP 190 BBLS VISC 15% HCL ACID; FLUSH W/ 230 SLICK WATER; PUMP 99,000 LBS 40/70 @ 1.0 - 2.5 PPA. ATP: 4,432. ATR: 69.3. MTP: 7,035. MTR: 91.2. ISIP: 3,202. FG 0.94. TCF: 9,774 BBLS
22:00	00:30	2.50	P	STG18	21	PERF	WL STAGE # 18: RU WL. TEST WLPCE TO 8,000 PSI. RIH W/ ECO-BOSS CFP + 7 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 36 SHOTS. CORRELATE W/ MJ @ 5,803'. PUMP DOWN AND SET CFP AT 10,834. PU AND PERF ON FLY 10,651' - 10,819'. PUMPED 356 BBLS. PUH AND SB AT 500' FOR "FH" FRAC. POH. LD WL. ALL SHOTS FIRED.
00:30	03:00	2.50	P	STG18	73	WOOWO	WOOWO
03:00	05:30	2.50	P	STG18	35	STIM	FRAC STAGE # 18 SLICKWATER - SICP 1,982. PUMP 30 BBLS 15% HCL ACID. PUMP 298,000 LBS 100 MESH @ .5 - 2.5 PPA; FLUSH W/ 350 BBLS SLICK WATER; PUMP 190 BBLS VISC 15% HCL ACID; FLUSH W/ 230 SLICK WATER; PUMP 99,000 LBS 40/70 @ 1.0 - 2.5 PPA. ATP: 4,808. ATR: 72.4. MTP: 6,517. MTR: 90.4. ISIP: 3,268. FG 0.948. TCF: 10,010 BBLS
05:30	06:00	0.50	P	STG18	28	SFTYMTG	SAFETY MEETING FOR DAY SHIFT.

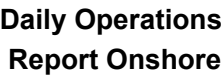
## Daily Operations Comments:

NO INCCIDENTS OR ACCIDENTS TO REPORT

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
9.625	915.00 / 915.00		Fluids Eng:	Qty	Description	ID	OD	Top Set
14.000	40.00 / 40.00		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: RICK MULL, ROWDY SPAIN / JUAN CASTILLO, C  
Engineer/Manager: MEDINA, JAVIER / LLOYD, BARRY

Report Number: 012  
Report Date: 07/18/2016  
Spud Date: 02/09/2015  
Release Date:  
DOE: 28 DOL: 12 AFE Days:  
Last BOP T.: CSG Test:

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

Event: COMPLETION LAND  
Safety Meeting Topic:  
Location: Lat: 31° 2' 15.15392 N  
Long: 101° 8' 16.03300 W

API #: 4210542190  
Rig:  
Rig Phone:  
KB(ft): 2,664.51  
POB: 73 Manhours: 456.00

Current Activity: WOOWO  
24 Hr Summary: WL STG 19-22, FRAC STG 19-21  
24 Hr Forecast: CONTINUE FRAC AND WIRELINE OPERATIONS.

## OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	09:15	3.25	P	STG19	21	PERF	WL STAGE # 19: RU WL. TEST WLPCE TO 8,000 PSI. RIH W/ ECO-BOSS CFP + 7 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 36 SHOTS. CORRELATE W/ MJ @ 5,803'. PUMP DOWN AND SET CFP AT 10,634. PU AND PERF ON FLY 10,451' - 10,619'. PUMPED 275 BBLS. PUH AND SB AT 500' FOR "FH" FRAC. POH. LD WL. ALL SHOTS FIRED.
09:15	12:30	3.25	P	STG19	35	STIM	FRAC STAGE # 19 SLICKWATER - SICP 1,943. PUMP 30 BBLS 15% HCL ACID. PUMP 298,000 LBS 100 MESH @ .5 - 2.5 PPA; FLUSH W/ 350 BBLS SLICK WATER; PUMP 190 BBLS VISC 15% HCL ACID; FLUSH W/ 230 SLICK WATER; PUMP 99,000 LBS 40/70 @ 1.0 - 2.5 PPA. ATP: 4,644. ATR: 73.5. MTP: 6,495. MTR: 92.8. ISIP: 3,039. FG 0.91. TCF: 9,977 BBLS
12:30	15:30	3.00	P	STG20	21	PERF	WL STAGE # 20: RU WL. TEST WLPCE TO 8,000 PSI. RIH W/ ECO-BOSS CFP + 7 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 36 SHOTS. CORRELATE W/ MJ @ 5,803'. PUMP DOWN AND SET CFP AT 10,434. PU AND PERF ON FLY 10,249' - 10,419'. PUMPED 269 BBLS. PUH AND SB AT 500' FOR "FH" FRAC. POH. LD WL. ALL SHOTS FIRED.
15:30	16:30	1.00	N	STG20	09	EQRP	REPAIR LEAK IN FTSI MISSILE
16:30	17:30	1.00	P	STG20	35	STIM	BEGIN FRAC STAGE # 20
17:30	18:00	0.50	P	STG20	28	SFTYMTG	SAFETY MEETING & JSA REVIEW WITH NIGHT SHIFT PERSONNEL.
18:00	19:30	1.50	P	STG20	35	STIM	FRAC STAGE # 20 SLICKWATER - SICP 2,017. PUMP 30 BBLS 15% HCL ACID. PUMP 298,000 LBS 100 MESH @ .5 - 2.5 PPA; FLUSH W/ 350 BBLS SLICK WATER; PUMP 190 BBLS VISC 15% HCL ACID; FLUSH W/ 230 SLICK WATER; PUMP 99,000 LBS 40/70 @ 1.0 - 2.5 PPA. ATP: 4,670. ATR: 76.2. MTP: 6,406. MTR: 92.1. ISIP: 3,121. FG 0.925. TCF 10,185 BBLS.
19:30	22:30	3.00	P	STG21	21	PERF	WL STAGE # 21: RU WL. TEST WLPCE TO 8,000 PSI. RIH W/ ECO-BOSS CFP + 7 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 42 SHOTS. CORRELATE W/ MJ @ 5,803'. PUMP DOWN AND SET CFP AT 10,234. PU AND PERF ON FLY 10,048' - 10,218'. PUMPED 309 BBLS. PUH AND SB AT 500' FOR "FH" FRAC. POH. LD WL. ALL SHOTS FIRED
22:30	23:00	0.50	P	STG21	09	EQRP	SCHEDULED MAINTENANCE - GREASE STACK AND ZIPPER MANIFOLD.
23:00	02:00	3.00	P	STG21	35	STIM	FRAC STAGE # 21 SLICKWATER - SICP 1,836. PUMP 30 BBLS 15% HCL ACID; PUMP 298,000 LBS 100 MESH @ .5 - 2.5 PPA; FLUSH W/ 350 BBLS SLICK WATER; PUMP 190 BBLS VISC 15% HCL ACID; FLUSH W/ 230 SLICK WATER; PUMP 99,000 LBS 40/70 @ 1.0 - 2.5 PPA. ATP 5,108. ATR: 76.2. MTP: 7,039. MTR: 91.4. ISIP: 3,130. FG 0.927. TCF 9,948 BBLS.
02:00	02:30	0.50	P	STG22	73	WOOWO	STANDBY FOR ADJACENT WELL OPERATIONS - SCHEDULED MAINTENANCE ON "FH".
02:30	05:00	2.50	P	STG22	21	PERF	WL STAGE # 22: RU WL. TEST WLPCE TO 8,000 PSI. RIH W/ ECO-BOSS CFP + 7 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 42 SHOTS. CORRELATE W/ MJ @ 5,803'. PUMP DOWN AND SET CFP AT 10,032. PU AND PERF ON FLY 9,851' - 10,018'. PUMPED 277 BBLS. PUH AND SB AT 500' FOR "FH" FRAC. POH. LD WL. ALL SHOTS FIRED
05:00	05:30	0.50	P	STG22	73	WOOWO	WOOWO
05:30	06:00	0.50	P	STG22	28	SFTYMTG	SAFETY MEETING FOR DAYLIGHT SHIFT.

**Daily Operations Comments:**

NO INCCIDENTS OR ACCIDENTS TO REPORT

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
9.625	915.00 / 915.00		Fluids Eng:	Qty	Description	ID	OD	Top Set
14.000	40.00 / 40.00		Pit Temp:					
	/		Density:					
			Brine Type:					
			Gel Type:					
			Viscosity:					
			Nitrogen:					
			NTU:					
			<b>FLOWBACK</b>					
			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 4102DH/00

Country: USA  
State: TEXAS  
Field: SALT DRAW  
Supervisors: RICK MULL, ROWDY SPAIN / JUAN CASTILLO, C  
Engineer/Manager: MEDINA, JAVIER / LLOYD, BARRY

Report Number: 013  
Report Date: 07/19/2016  
Spud Date: 02/09/2015  
Release Date:  
DOE: 29 DOL: 13 AFE Days:  
Last BOP T.: CSG Test:

Event: COMPLETION LAND  
Safety Meeting Topic:  
  
Location: Lat: 31° 2' 15.15392 N  
Long: 101° 8' 16.03300 W

API #: 4210542190  
Rig:  
Rig Phone:  
KB(ft): 2,664.51  
POB: 73 Manhours: 456.00

Current Activity: WL STAGE #26.  
24 Hr Summary: FRAC STG #22. PERF AND FRAC STG #23 - #25.  
24 Hr Forecast: CONTINUE FRAC AND WIRELINE OPERATIONS.

## OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	09:00	3.00	P	STG22	35	STIM	FRAC STAGE # 22 SLICKWATER - SICP 1,775. PUMP 30 BBLS 15% HCL ACID; PUMP 298,000 LBS 100 MESH @ .5 - 2.5 PPA; FLUSH W/ 350 BBLS SLICK WATER; PUMP 190 BBLS VISC 15% HCL ACID; FLUSH W/ 230 SLICK WATER; PUMP 99,000 LBS 40/70 @ 1.0 - 2.5 PPA. ATP 4,926. ATR: 76.4. MTP: 6,571. MTR: 92.9. ISIP: 3,193. FG 0.94. TCF: 9,519 BBLS.
09:00	12:00	3.00	P	STG23	21	PERF	WL STAGE # 23: RU WL. TEST WLPCE TO 8,000 PSI. RIH W/ ECO-BOSS CFP + 7 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 42 SHOTS. CORRELATE W/ MJ @ 5,803'. PUMP DOWN AND SET CFP AT 9,833. PU AND PERF ON FLY 9,651' - 9,816'. PUMPED 224 BBLS. PUH AND SB AT 500' FOR "FH" FRAC. POH. LD WL. ALL SHOTS FIRED
12:00	15:00	3.00	P	STG23	35	STIM	FRAC STAGE # 23 SLICKWATER - SICP 2,333. PUMP 30 BBLS 15% HCL ACID; PUMP 298,000 LBS 100 MESH @ .5 - 2.5 PPA; FLUSH W/ 350 BBLS SLICK WATER; PUMP 190 BBLS VISC 15% HCL ACID; FLUSH W/ 230 SLICK WATER; PUMP 99,000 LBS 40/70 @ 1.0 - 2.5 PPA. ATP 5,384. ATR: 76.5. MTP: 7,263. MTR: 93.3. ISIP: 3,054. FG 0.92. TCF: 9,563 BBLS.
15:00	17:30	2.50	P	STG23	21	PERF	WL STAGE # 24: RU WL. TEST WLPCE TO 8,000 PSI. RIH W/ ECO-BOSS CFP + 7 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 42 SHOTS. CORRELATE W/ MJ @ 5,803'. PUMP DOWN AND SET CFP AT 9,633. PU AND PERF ON FLY 9,451' - 9,619'. PUMPED 214 BBLS. PUH AND SB AT 500' FOR "FH" FRAC. POH. LD WL. ALL SHOTS FIRED. ( C/O GUN PORT PLUGS.)
17:30	18:00	0.50	P	STG24	28	SFTYMTG	SAFETY MEETING & JSA REVIEW WITH NIGHT SHIFT PERSONNEL.
18:00	21:15	3.25	P	STG24	35	STIM	FRAC STAGE # 24 SLICKWATER - SICP 1,991. PUMP 30 BBLS 15% HCL ACID; PUMP 298,000 LBS 100 MESH @ .5 - 2.5 PPA; FLUSH W/ 350 BBLS SLICK WATER; PUMP 190 BBLS VISC 15% HCL ACID; FLUSH W/ 230 SLICK WATER; PUMP 99,000 LBS 40/70 @ 1.0 - 2.5 PPA. ATP 5,437. ATR: 73.2 MTP: 7,524. MTR: 90.3. ISIP: 3,064. FG 0.92. TCF: 9,728 BBLS.
21:15	00:15	3.00	P	STG25	21	PERF	WL STAGE # 25: RU WL. TEST WLPCE TO 8,000 PSI. RIH W/ ECO-BOSS CFP + 7 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 42 SHOTS. CORRELATE W/ MJ @ 5,803'. PUMP DOWN AND SET CFP AT 9,433. PU AND PERF ON FLY 9,251' - 9,419'. PUMPED 244 BBLS. PUH AND SB AT 500' FOR "FH" FRAC. POH. LD WL. ALL SHOTS FIRED.
00:15	01:00	0.75	P	STG25	18	OTHR	SCHEDULED MAINTENANCE - GREASE AND RETORQ STACK. GREASE ZIPPER.
01:00	03:45	2.75	P	STG25	35	STIM	FRAC STAGE # 25 SLICKWATER - SICP 2,062. PUMP 30 BBLS 15% HCL ACID; PUMP 298,000 LBS 100 MESH @ .5 - 2.5 PPA; FLUSH W/ 350 BBLS SLICK WATER; PUMP 190 BBLS VISC 15% HCL ACID; FLUSH W/ 230 SLICK WATER; PUMP 99,000 LBS 40/70 @ 1.0 - 2.5 PPA. ATP 4,568. ATR: 76.2 MTP: 5,842. MTR: 91. ISIP: 3,456. FG 0.98. TCF: 9,848 BBLS
03:45	04:15	0.50	P	WLWORK	18	OTHR	REHEAD WIRELINE.
04:15	05:30	1.25	P	STG26	21	PERF	WL STAGE # 26: RU WL. TEST WLPCE TO 7,000 PSI. RIH W/ ECO-BOSS CFP + 8 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 48 SHOTS. CORRELATE W/ MJ @ 5,803'. PUMP DOWN AND SET CFP AT 9,233. PU AND PERF ON FLY 9,051' - 9,221'. PUMPED 221 BBLS. PUH AND SB AT 500' FOR "FH" FRAC AT REPORT TIME.
05:30	06:00	0.50	P	STG26	28	SFTYMTG	SAFETY MEETING & JSA REVIEW WITH DAY SHIFT PERSONNEL.

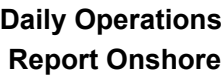
## Daily Operations Comments:

NO INCCIDENTS OR ACCIDENTS TO REPORT

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)		LOT(ppg)	Down Hole Tool Co:		Tool Sup:		
9.625	915.00	915.00		Qty	Description	ID	OD	Top Set
14.000	40.00	40.00						
			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: RICK MULL, ROWDY SPAIN / JUAN CASTILLO, C  
Engineer/Manager: MEDINA, JAVIER / LLOYD, BARRY

Report Number: 014  
Report Date: 07/20/2016  
Spud Date: 02/09/2015  
Release Date:  
DOE: 30 DOL: 14 AFE Days:  
Last BOP T.: CSG Test:

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

Event: COMPLETION LAND  
Safety Meeting Topic:  
Location: Lat: 31° 2' 15.15392 N  
Long: 101° 8' 16.03300 W

API #: 4210542190  
Rig:  
Rig Phone:  
KB(ft): 2,664.51  
POB: 75 Manhours: 468.00

Current Activity: WL STAGE #30.  
24 Hr Summary: FRAC STAGE #26. PERF & FRAC STAGE #27 - #29.  
24 Hr Forecast: CONTINUE FRAC AND WIRELINE OPERATIONS.

## OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	07:30	1.50	P	STG26	21	PERF	SB AT 500' FOR "FH" FRAC. POH. LD WL. ALL SHOTS FIRED.
07:30	10:30	3.00	P	STG26	35	STIM	FRAC STAGE # 26 SLICKWATER - SICP 1,924. PUMP 30 BBLS 15% HCL ACID; PUMP 298,000 LBS 100 MESH @ .5 - 2.5 PPA; FLUSH W/ 350 BBLS SLICK WATER; PUMP 190 BBLS VISC 15% HCL ACID; FLUSH W/ 230 SLICK WATER; PUMP 99,000 LBS 40/70 @ 1.0 - 2.5 PPA. ATP 4,463. ATR: 74.8 MTP: 6,525. MTR: 93.3. ISIP: 3,132. FG 0.93. TCF: 9,821 BBLS
10:30	13:30	3.00	P	STG27	21	PERF	WL STAGE # 27: RU WL. TEST WLPCE TO 7,000 PSI. RIH W/ ECO-BOSS CFP + 8 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 48 SHOTS. CORRELATE W/ MJ @ 5,803'. PUMP DOWN AND SET CFP AT 9,033. PU AND PERF ON FLY 8,851' - 9,019'. PUMPED 172 BBLS. PUH AND SB AT 500' FOR "FH" FRAC. POH. LD WL. ALL SHOTS FIRED.
13:30	16:30	3.00	P	STG27	35	STIM	FRAC STAGE # 27 SLICKWATER - SICP 1,832. PUMP 30 BBLS 15% HCL ACID; PUMP 298,000 LBS 100 MESH @ .5 - 2.5 PPA; FLUSH W/ 350 BBLS SLICK WATER; PUMP 190 BBLS VISC 15% HCL ACID; FLUSH W/ 230 SLICK WATER; PUMP 99,000 LBS 40/70 @ 1.0 - 2.5 PPA. ATP 4,497. ATR: 73.3 MTP: 7,232. MTR: 92.3. ISIP: 3,026. FG 0.91. TCF: 9,689 BBLS
16:30	17:30	1.00	P	STG28	21	PERF	WL STAGE # 28: RU WL. TEST WLPCE TO 7,000 PSI. RIH W/ ECO-BOSS CFP + 8 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 48 SHOTS. CORRELATE W/ MJ @ 5,803'. PUMP DOWN AND SET CFP AT 8,833. PU AND PERF ON FLY 8,651' - 8,819'. PUMPED 157 BBLS. PUH AND SB AT 500' FOR "FH" FRAC. LD WL. ALL SHOTS FIRED.
17:30	18:00	0.50	P	STG28	28	SFTYMTG	SAFETY MEETING & JSA REVIEW WITH NIGHT SHIFT PERSONNEL.
18:00	19:30	1.50	P	STG28	21	PERF	POH. LD WL. ALL SHOTS FIRED.
19:30	20:30	1.00	P	STG28	18	OTHR	GREASE "DH" STACK DURING WL REHEAD OPERATIONS.
20:30	23:00	2.50	P	STG28	35	STIM	FRAC STAGE # 28 SLICKWATER - SICP 1,759. PUMP 30 BBLS 15% HCL ACID; PUMP 298,000 LBS 100 MESH @ .5 - 2.5 PPA; FLUSH W/ 350 BBLS SLICK WATER; PUMP 190 BBLS VISC 15% HCL ACID; FLUSH W/ 230 SLICK WATER; PUMP 99,000 LBS 40/70 @ 1.0 - 2.5 PPA. ATP 4,127. ATR: 72.1 MTP: 5,583. MTR: 90.2. ISIP: 3,244. FG 0.95. TCF: 9,629 BBLS.
23:00	23:30	0.50	P	STG28	73	WOOWO	STAND BY FOR GREASING OF STACK ON THE "FH" WELL.
23:30	02:30	3.00	P	STG29	21	PERF	WL STAGE # 29: RU WL. TEST WLPCE TO 7,000 PSI. RIH W/ ECO-BOSS CFP + 7 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 42 SHOTS. CORRELATE W/ MJ @ 5,803'. PUMP DOWN AND SET CFP AT 8,630. PU AND PERF ON FLY 8,451' - 8,595'. PUMPED 167 BBLS. PUH AND SB AT 500' FOR "FH" FRAC. LD WL. ALL SHOTS FIRED.
02:30	05:15	2.75	P	STG29	35	STIM	FRAC STAGE # 29 SLICKWATER - SICP 1,816. PUMP 30 BBLS 15% HCL ACID; PUMP 298,000 LBS 100 MESH @ .5 - 2.5 PPA; FLUSH W/ 350 BBLS SLICK WATER; PUMP 190 BBLS VISC 15% HCL ACID; FLUSH W/ 230 SLICK WATER; PUMP 99,000 LBS 40/70 @ 1.0 - 2.5 PPA. ATP 4,445. ATR: 73.3 MTP: 6,422. MTR: 90.2. ISIP: 3,320. FG 0.96. TCF: 9,568 BBLS.
05:15	05:30	0.25	P	STG30	21	PERF	WL STAGE #30 AT REPORT TIME.
05:30	06:00	0.50	P	STG30	28	SFTYMTG	SAFETY MEETING FOR DAYLIGHT OPERATION.

**Daily Operations Comments:**

NO INCCIDENTS OR ACCIDENTS TO REPORT

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
9.625	915.00 / 915.00		Fluids Eng:	Qty	Description	ID	OD	Top Set
14.000	40.00 / 40.00		Pit Temp:					
	/		Density:					
			Brine Type:					
			Gel Type:					
			Viscosity:					
			Nitrogen:					
			NTU:					
			<b>FLOWBACK</b>					
			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: RICK MULL, ROWDY SPAIN / JUAN CASTILLO, C  
Engineer/Manager: MEDINA, JAVIER / LLOYD, BARRY

Report Number: 015  
Report Date: 07/21/2016  
Spud Date: 02/09/2015  
Release Date:  
DOE: 31 DOL: 15 AFE Days:  
Last BOP T.: CSG Test:

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

Event:	COMPLETION LAND		
Safety Meeting Topic:			
Location:	Lat:	31° 2' 15.15392 N	
	Long:	101° 8' 16.03300 W	

API #:	4210542190
Rig:	
Rig Phone:	
KB(ft):	2,664.51
POB: 75	Manhours: 468.00

Current Activity:	FRAC STAGE #33.
24 Hr Summary:	PERF & FRAC STAGE #30 - 32. PLUG AND PERF STAGE #33.
24 Hr Forecast:	CONTINUE FRAC AND WIRELINE OPERATIONS.

## OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	09:00	3.00	P	STG30	21	PERF	WL STAGE # 30: RU WL. TEST WLPCE TO 7,000 PSI. RIH W/ ECO-BOSS CFP + 7 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 42 SHOTS. CORRELATE W/ MJ @ 5,803'. PUMP DOWN AND SET CFP AT 8,435. PU AND PERF ON FLY 8,251' - 8,419'. PUMPED 131 BBLS. PUH AND SB AT 500' FOR "FH" FRAC. LD WL. ALL SHOTS FIRED
09:00	12:00	3.00	P	STG30	35	STIM	FRAC STAGE # 30 SLICKWATER - SICP 1,890. PUMP 30 BBLS 15% HCL ACID; PUMP 298,000 LBS 100 MESH @ .5 - 2.5 PPA; FLUSH W/ 350 BBLS SLICK WATER; PUMP 190 BBLS VISC 15% HCL ACID; FLUSH W/ 230 SLICK WATER; PUMP 99,000 LBS 40/70 @ 1.0 - 2.5 PPA. ATP 4,419. ATR: 75.1 MTP: 5,568. MTR: 93.4. ISIP: 3,015. FG 0.91. TCF: 9,578 BBLS.
12:00	15:00	3.00	P	STG31	21	PERF	WL STAGE # 31: RU WL. TEST WLPCE TO 7,000 PSI. RIH W/ ECO-BOSS CFP + 8 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 48 SHOTS. CORRELATE W/ MJ @ 5,803'. PUMP DOWN AND SET CFP AT 8,233. PU AND PERF ON FLY 8,051' - 8,219'. PUMPED 123 BBLS. PUH AND SB AT 500' FOR "FH" FRAC. LD WL. ALL SHOTS FIRED
15:00	15:30	0.50	P	STG31	73	WOOWO	WOOWO
15:30	17:30	2.00	P	STG31	35	STIM	FRAC STAGE # 31 SLICKWATER - SICP 1,935. PUMP 30 BBLS 15% HCL ACID; PUMP 298,000 LBS 100 MESH @ .5 - 2.5 PPA; FLUSH W/ 350 BBLS SLICK WATER; PUMP 190 BBLS VISC 15% HCL ACID; FLUSH W/ 230 SLICK WATER; PUMP 99,000 LBS 40/70 @ 1.0 - 2.5 PPA. ATP 4,255. ATR: 73.3 MTP: 5,927. MTR: 93.3. ISIP: 3,067. FG 0.92. TCF: 9,536 BBLS.
17:30	18:00	0.50	P	STG31	28	SFTYMTG	SAFETY MEETING & JSA REVIEW WITH NIGHT SHIFT PERSONNEL.
18:00	21:15	3.25	P	STG32	21	PERF	WL STAGE # 32: RU WL. TEST WLPCE TO 7,000 PSI. RIH W/ ECO-BOSS CFP + 8 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 48 SHOTS. CORRELATE W/ MJ @ 5,803'. PUMP DOWN AND SET CFP AT 8,033. PU AND PERF ON FLY 7,851' - 8,019'. PUMPED 151 BBLS. PUH AND SB AT 500' FOR "FH" FRAC. LD WL. ALL SHOTS FIRED
21:15	22:00	0.75	P	STG32	18	OTHR	SCHEDULED MAINTENANCE: GREASE STACK AND ZIPPER. CHECK STACK TORQ.
22:00	00:45	2.75	P	STG32	35	STIM	FRAC STAGE # 32 SLICKWATER - SICP 1,779. PUMP 30 BBLS 15% HCL ACID; PUMP 298,000 LBS 100 MESH @ .5 - 2.5 PPA; FLUSH W/ 350 BBLS SLICK WATER; PUMP 190 BBLS VISC 15% HCL ACID; FLUSH W/ 230 SLICK WATER; PUMP 99,000 LBS 40/70 @ 1.0 - 2.5 PPA. ATP 4,463. ATR: 77.7 MTP: 7,836. MTR: 92.1. ISIP: 3,248. FG 0.95. TCF: 9,392 BBLS.
00:45	01:45	1.00	P	STG33	18	OTHR	SCHEDULED MAINTENANCE - REHEAD WL.
01:45	04:45	3.00	P	STG33	21	PERF	WL STAGE # 33: RU WL. TEST WLPCE TO 7,000 PSI. RIH W/ ECO-BOSS CFP + 8 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 48 SHOTS. CORRELATE W/ MJ @ 5,803'. PUMP DOWN AND SET CFP AT 7,833. PU AND PERF ON FLY 7,648' - 7,819'. PUMPED 134 BBLS. PUH AND SB AT 500' FOR "FH" FRAC. LD WL. ALL SHOTS FIRED.
04:45	05:30	0.75	P	STG33	35	STIM	FRAC STAGE #33 AT REPORT TIME.
05:30	06:00	0.50	P	STG33	28	SFTYMTG	SAFETY MEETING & JSA REVIEW.

## Daily Operations Comments:

NO INCCIDENTS OR ACCIDENTS TO REPORT

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
9.625	915.00 / 915.00		Fluids Eng:	Qty	Description	ID	OD	Top Set
14.000	40.00 / 40.00		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 4102DH/00

Country: USA  
State: TEXAS  
Field: SALT DRAW  
Supervisors: MULL, RICK / RAMIREZ, HUGO / CASTILLO, JUAN  
Engineer/Manager: MEDINA, JAVIER / LLOYD, BARRY

Report Number: 016  
Report Date: 07/22/2016  
Spud Date: 02/09/2015  
Release Date:  
DOE: 32 DOL: 16 AFE Days:  
Last BOP T.: CSG Test:

Event: COMPLETION LAND  
Safety Meeting Topic:  
Location: Lat: 31° 2' 15.15392 N  
Long: 101° 8' 16.03300 W

API #: 4210542190  
Rig:  
Rig Phone:  
KB(ft): 2,664.51  
POB: 74 Manhours: 462.00

Current Activity: REHEAD  
24 Hr Summary: FRAC STG 33-36, WL STG 34-37  
24 Hr Forecast: CONTINUE FRAC AND WIRELINE OPERATIONS.

## OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	08:00	2.00	P	STG33	35	STIM	FRAC STAGE # 33 SLICKWATER - SICP 1,794. PUMP 30 BBLS 15% HCL ACID; PUMP 298,000 LBS 100 MESH @ .5 - 2.5 PPA; FLUSH W/ 350 BBLS SLICK WATER; PUMP 190 BBLS VISC 15% HCL ACID; FLUSH W/ 230 SLICK WATER; PUMP 99,000 LBS 40/70 @ 1.0 - 2.5 PPA. ATP 4,292. ATR: 74.8 MTP: 6,502. MTR: 92.5. ISIP: 3,054. FG 0.92. TCF: 9,650 BBLS.
08:00	08:30	0.50	P	STG34	18	OTHR	FOUND BAD SPOT IN WL JUST ABOVE CABLE HEAD. RE-HEAD WIRELINE TOOLS.
08:30	11:30	3.00	P	STG34	21	PERF	WL STAGE # 34: RU WL. TEST WLPCE TO 7,000 PSI. RIH W/ ECO-BOSS CFP + 8 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 48 SHOTS. CORRELATE W/ MJ @ 5,803'. PUMP DOWN AND SET CFP AT 7,633. PU AND PERF ON FLY 7,451' - 7,619'. PUMPED 89 BBLS. PUH AND SB AT 500' FOR "FH" FRAC. LD WL. ALL SHOTS FIRED.
11:30	14:00	2.50	P	STG34	35	STIM	FRAC STAGE # 34 SLICKWATER - SICP 1,983. PUMP 30 BBLS 15% HCL ACID; PUMP 298,000 LBS 100 MESH @ .5 - 2.5 PPA; FLUSH W/ 350 BBLS SLICK WATER; PUMP 190 BBLS VISC 15% HCL ACID; FLUSH W/ 230 SLICK WATER; PUMP 99,000 LBS 40/70 @ 1.0 - 2.5 PPA. ATP 4,691. ATR: 76.9 MTP: 6,494. MTR: 93.8. ISIP: 2,950. FG 0.90. TCF: 9,593 BBLS.
14:00	17:00	3.00	P	STG35	21	PERF	WL STAGE # 35: RU WL. TEST WLPCE TO 7,000 PSI. RIH W/ ECO-BOSS CFP + 8 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 48 SHOTS. CORRELATE W/ MJ @ 5,803'. PUMP DOWN AND SET CFP AT 7,433. PU AND PERF ON FLY 7,251' - 7,419'. PUMPED 77 BBLS. PUH AND SB AT 500' FOR "FH" FRAC. LD WL. ALL SHOTS FIRED.
17:00	17:30	0.50	P	STG35	35	STIM	BEGIN FRAC STAGE # 35
17:30	18:00	0.50	P	STG35	28	SFTYMTG	SAFETY MEETING & JSA REVIEW WITH NIGHT SHIFT PERSONNEL.
18:00	20:00	2.00	P	STG35	35	STIM	FRAC STAGE # 35 SLICKWATER - SICP 2,014. PUMP 30 BBLS 15% HCL ACID; PUMP 298,000 LBS 100 MESH @ .5 - 2.5 PPA; FLUSH W/ 350 BBLS SLICK WATER; PUMP 190 BBLS VISC 15% HCL ACID; FLUSH W/ 230 SLICK WATER; PUMP 99,000 LBS 40/70 @ 1.0 - 2.5 PPA. ATP 4,691. ATR: 76.9 MTP: 6,494. MTR: 93.8. ISIP: 2,950. FG 0.90. TCF: 9,660 BBLS.
20:00	23:30	3.50	P	STG36	21	PERF	WL STAGE # 36: RU WL. TEST WLPCE TO 7,000 PSI. RIH W/ ECO-BOSS CFP + 8 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 42 SHOTS. CORRELATE W/ MJ @ 5,803'. PUMP DOWN AND SET CFP AT 7,233. PU AND PERF ON FLY 7,051' - 7,216'. PUMPED 81 BBLS. PUH AND SB AT 500' FOR "FH" FRAC. LD WL. ALL SHOTS FIRED.
23:30	02:30	3.00	P	STG36	35	STIM	FRAC STAGE # 36 SLICKWATER - SICP 2,053. PUMP 30 BBLS 15% HCL ACID; PUMP 298,000 LBS 100 MESH @ .5 - 2.5 PPA; FLUSH W/ 350 BBLS SLICK WATER; PUMP 190 BBLS VISC 15% HCL ACID; FLUSH W/ 230 SLICK WATER; PUMP 99,000 LBS 40/70 @ 1.0 - 2.5 PPA. ATP 4,691. ATR: 76.9 MTP: 6,494. MTR: 93.8. ISIP: 2,950. FG 0.90. TCF: 10,097 BBLS.
02:30	05:30	3.00	P	STG37	21	PERF	WL STAGE # 37: RU WL. TEST WLPCE TO 8,000 PSI. RIH W/ ECO-BOSS CFP + 8 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 42 SHOTS. CORRELATE W/ MJ @ 5,803'. PUMP DOWN AND SET CFP AT 7,033. PU AND PERF ON FLY 6,851' - 7,018'. PUMPED 72 BBLS. PUH AND SB AT 500' FOR "FH" FRAC. LD WL. ALL SHOTS FIRED.
05:30	06:00	0.50	P	STG37	28	SFTYMTG	SAFETY MEETING FOR DAYLIGHT OPERATIONS.

## Daily Operations Comments:

NO INCCIDENTS OR ACCIDENTS TO REPORT

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
			Fluids Eng:	Qty	Description	ID	OD	Top Set
9.625	915.00 / 915.00		Pit Temp:					
14.000	40.00 / 40.00		Density:					
	/		Brine Type:					
			Gel Type:					
			Viscosity:					
			Nitrogen:					
			NTU:					
			FLOWBACK					
			Gas Rate:					
			Choke Size:					
			Avg. Tbg. Press:					
			Avg. Csg. Press:					
			Fluid Rate (Water):					
			Fluid Rate (Oil):					
			Tot. Load Recovered:					

## PERFORATIONS

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



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

Well Name/Wellbore No.: UNIVERSITY SALT DRAW 4102DH/00

Country: USA  
State: TEXAS  
Field: SALT DRAW  
Supervisors: MULL, RICK / RAMIREZ, HUGO / CASTILLO, JUAN  
Engineer/Manager: MEDINA, JAVIER / LLOYD, BARRY

Report Number: 017  
Report Date: 07/23/2016  
Spud Date: 02/09/2015  
Release Date:  
DOE: 33 DOL: 17 AFE Days:  
Last BOP T.: CSG Test:

Event: COMPLETION LAND  
Safety Meeting Topic:

Location: Lat: 31° 2' 15.15392 N  
Long: 101° 8' 16.03300 W

API #: 4210542190  
Rig:  
Rig Phone:  
KB(ft): 2,664.51  
POB: 74 Manhours: 462.00

Current Activity: RIGGING DOWN AND MOVING OUT ALL FRAC AND WIRELINE RELATED EQUIPMENT OUT OF LOCATION  
24 Hr Summary: FRAC STG 37 & 38  
24 Hr Forecast: RDMO

## OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	09:00	3.00	P	STG37	35	STIM	FRAC STAGE # 37 SLICKWATER - SICP 1,893. PUMP 30 BBLS 15% HCL ACID; PUMP 298,000 LBS 100 MESH @ .5 - 2.5 PPA; FLUSH W/ 350 BBLS SLICK WATER; PUMP 190 BBLS VISC 15% HCL ACID; FLUSH W/ 230 SLICK WATER; PUMP 99,000 LBS 40/70 @ 1.0 - 2.5 PPA. ATP 4,818. ATR: 75 MTP: 6,215. MTR: 93. ISIP: 3,116. FG 0.93. TCF: 9,840 BBLS.
09:00	12:00	3.00	P	STG38	21	PERF	WL STAGE # 38: RU WL. TEST WLPCE TO 8,000 PSI. RIH W/ ECO-BOSS CFP + 8 - 1' X 3.125" HSC W/ RDX GHG, 6 SPF, 60 DEG - 42 SHOTS. CORRELATE W/ MJ @ 5,803'. PUMP DOWN AND SET CFP AT 6,833. PU AND PERF ON FLY 6,651' - 6,819'. PUMPED 41 BBLS. PUH AND SB AT 500' FOR "FH" FRAC. LD WL. ALL SHOTS FIRED.
12:00	15:00	3.00	P	STG38	35	STIM	FRAC STAGE # 38 SLICKWATER - SICP 2,301. PUMP 30 BBLS 15% HCL ACID; PUMP 298,000 LBS 100 MESH @ .5 - 2.5 PPA; FLUSH W/ 350 BBLS SLICK WATER; PUMP 190 BBLS VISC 15% HCL ACID; FLUSH W/ 230 SLICK WATER; PUMP 99,000 LBS 40/70 @ 1.0 - 2.5 PPA. ATP 4,815. ATR: 74.1 MTP: 6,630. MTR: 91. ISIP: 3,019. FG 0.91. TCF: 9,827 BBLS.
15:00	17:30	2.50	P	STG38	27	SETP	WL KILL PLUG: RU WL. TEST WLPCE TO 8,000 PSI. RIH W/ ECO-BOSS CBP, WEIGHT BAR & CCL. CORRELATE W/ MJ @ 5,803'. SET CBP AT 5,859. POH AND SB AT 500' FOR "FH" FRAC. LD WL.
17:30	18:00	0.50	P	RDMO	28	SFTYMTG	SAFETY MEETING & RDMO JSA REVIEW WITH NIGHT SHIFT PERSONNEL.
18:00	06:00	12.00	P	RDMO	02	RDMO	RIG DOWN MOVE OUT ALL FRAC AND WIRELINE RELATED EQUIPMENT

## Daily Operations Comments:

NO INCCIDENTS OR ACCIDENTS TO REPORT

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
			Fluids Eng:	Qty	Description	ID	OD	Top Set
9.625	915.00 / 915.00		Pit Temp:					
14.000	40.00 / 40.00		Density:					
	/		Brine Type:					
			Gel Type:					
			Viscosity:					
			Nitrogen:					
			NTU:					
			FLOWBACK					
			Gas Rate:					
			Choke Size:					
			Avg. Tbg. Press:					
			Avg. Csg. Press:					
			Fluid Rate (Water):					
			Fluid Rate (Oil):					
			Tot. Load Recovered:					

## PERFORATIONS

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



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

Well Name/Wellbore No.: UNIVERSITY SALT DRAW 4102DH/00

Country: USA  
State: TEXAS  
Field: SALT DRAW  
Supervisors: MULL, RICK / RAMIREZ, HUGO / CASTILLO, JUAN  
Engineer/Manager: MEDINA, JAVIER / LLOYD, BARRY

Report Number: 018  
Report Date: 07/24/2016  
Spud Date: 02/09/2015  
Release Date:  
DOE: 34 DOL: 18 AFE Days:  
Last BOP T.: CSG Test:

Event: COMPLETION LAND  
Safety Meeting Topic:  
Location: Lat: 31° 2' 15.15392 N  
Long: 101° 8' 16.03300 W

API #:	4210542190
Rig:	
Rig Phone:	
KB(ft):	2,664.51
POB: 19	Manhours: 80.00

Current Activity: CONTINUE LOCATION RESTORATION  
24 Hr Summary: COMPLETE RDMO SUPPORT EQUIP  
24 Hr Forecast: CONTINUE LOCATION RESTORATION

## OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	16:00	10.00	P	RDMO	02	RDMO	CONTINUE RDMO SAND SILOS AND SUPPORT EQUIPMENT. DRESS OFF LOCATION

## Daily Operations Comments:

NO INCCIDENTS OR ACCIDENTS TO REPORT

CASING			FLUIDS	COMPLETION STRING DETAILS					
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:			Tool Sup:		
9.625	915.00 / 915.00		Fluids Eng:	Qty	Description	ID	OD	Top Set	
14.000	40.00 / 40.00		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 4102DH/00

Country: USA  
State: TEXAS  
Field: SALT DRAW  
Supervisors: RICKY VONDENSTEIN / NONE  
Engineer/Manager: MEDINA, JAVIER / LLOYD, BARRY

Report Number: 019  
Report Date: 08/04/2016  
Spud Date: 02/09/2015  
Release Date:  
DOE: 45 DOL: 19 AFE Days:  
Last BOP T.: CSG Test:

Event: COMPLETION LAND  
Safety Meeting Topic:  
Location: Lat: 31° 2' 15.15392 N  
Long: 101° 8' 16.03300 W

API #:	4210542190
Rig:	
Rig Phone:	
KB(ft):	2,664.51
POB: 19	Manhours: 80.00

Current Activity:	DRILL OUT - WAITING ON DRILL OUT OPERATIONS
24 Hr Summary:	MOVE RIG AND RELATED DRILL OUT ON LOCATION.
24 Hr Forecast:	WAITING ON DRILL OUT OPERATIONS.

## OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	WOR	28	SFTYMTG	HELD SAFETY MEETING AND REVIEWED JSA'S W/ CREWS.
06:30	12:00	5.50	P	WOR	18	OTHR	MOVE WOR, BASE BEAM, ALL RIG RELATED EQUIPMENT & WORKSTRING, SPOT SAME ON LOCATION.
12:00	18:00	6.00	P	WOR	18	OTHR	WAITING ON DRILL OUT OPERATIONS TO BEGIN.

## Daily Operations Comments:

NO INCCIDENTS OR ACCIDENTS TO REPORT

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
			Fluids Eng:	Qty	Description	ID	OD	Top Set
9.625	915.00 / 915.00		Pit Temp:					
14.000	40.00 / 40.00		Density:					
	/		Brine Type:					
			Gel Type:					
			Viscosity:					
			Nitrogen:					
			NTU:					
			FLOWBACK					
			Gas Rate:					
			Choke Size:					
			Avg. Tbg. Press:					
			Avg. Csg. Press:					
			Fluid Rate (Water):					
			Fluid Rate (Oil):					
			Tot. Load Recovered:					

## PERFORATIONS

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



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

Well Name/Wellbore No.: UNIVERSITY SALT DRAW 4102DH/00

Country: USA  
State: TEXAS  
Field: SALT DRAW  
Supervisors: RICKY VONDENSTEIN / NONE  
Engineer/Manager: MEDINA, JAVIER / LLOYD, BARRY

Report Number: 020  
Report Date: 08/09/2016  
Spud Date: 02/09/2015  
Release Date:  
DOE: 50 DOL: 20 AFE Days  
Last BOP T.: CSG Test:

Event: COMPLETION LAND  
Safety Meeting Topic:

Location: Lat: 31° 2' 15.15392 N  
Long: 101° 8' 16.03300 W

API #:	4210542190
Rig:	
Rig Phone:	
KB(ft):	2,664.51
POB: 29	Manhours: 281.00

Current Activity: MAKING UP AND TESTING BHA  
24 Hr Summary: MIRU AND TEST WOR AND SURFACE EQUIPMENT  
24 Hr Forecast: RIH AND DRILL PLUGS

## OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	WOR	28	SFTYMTG	HSM. DISCUSS JSA W/ CREWS ON OPS.
06:30	12:00	5.50	P	MIRU	01	MIRU	MIRU WOR & RELATED DO EQUIP.
12:00	17:00	5.00	P	WOR	16	NUND	W/ KILL PLUG SET & VERIFIED HOLDING & 7-1/16" 10M FRAC CLOSED, REMOVE NIGHT CAP ON FRAC VALVE. NU 7-1/16" 10M FC W/ DBL VALVE 3" OUTLETS & DBL VALVE 2" OUTLETS, 7-1/16" 10M X 5M ADAPT SPOOL, 7-1/16" 5M CAMERON TYPE U DBL BOP W/ BOOSTER BONNETS (DRESSED 2-7/8" PIPE ON BTM & BLIND SHEAR ON TOP), 7-1/16" 5M CAMERON TYPE U SINGLE BOP (DRESSED 2-7/8" SLIP RAMS), 7-1/16" 5M ANNULAR, MUELLER STRIPPER HEAD. TEST BLIND SHEARS TO 250 PSI LOW / 5,000 PSI HIGH. TEST PIPE RAMS TO 250 PSI LOW / 5,000 PSI HIGH. TEST ANNULAR TO 250 PSI LOW / 2,500 PSI HIGH. DURING ANNULAR TEST A SHELL TEST WAS ACCOMPLISHED ACROSS BODY OF SINGLE BOP.
17:00	00:00	7.00	P	MIRU	01	MIRU	CONT TO SPOT IN DO SUPPORT EQUIP. RACK & TALLEY 2-7/8" PH-6 7.9 PPF P-110 WS. RU RIG FLOOR & DRESS FOR 2-7/8" PH-6.
00:00	03:00	3.00	P	WOR	18	OTHR	WAITING ON BHA TO ARRIVE ON LOCATION
03:00	05:30	2.50	P	WOR	18	OTHR	TOOLS ARRIVE ON LOC, SEE BHA ATTACHMENT.
05:30	06:00	0.50	P	WBP	28	SFTYMTG	CONDUCT DO PRE-PAD MEETING & LOC JSA MEETING.

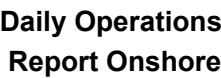
## Daily Operations Comments:

NO INCCIDENTS OR ACCIDENTS TO REPORT

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)		LOT(ppg)	Down Hole Tool Co:		Tool Sup:		
9.625	915.00	915.00	Fluids Co:	Qty	Description	ID	OD	Top Set
14.000	40.00	40.00	Fluids Eng:					
			Pit Temp:					
			Density:					
			Brine Type:					
			Gel Type:					
			Viscosity:					
			Nitrogen:					
			NTU:					
			FLOWBACK					
			Gas Rate:					
			Choke Size:					
			Avg. Tbg. Press:					
			Avg. Csg. Press:					
			Fluid Rate (Water):					
			Fluid Rate (Oil):					
			Tot. Load Recovered:					

## PERFORATIONS

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



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

Well Name/Wellbore No.: UNIVERSITY SALT DRAW 4102DH/00

Country: USA  
State: TEXAS  
Field: SALT DRAW  
Supervisors: RICKY VONDENSTEIN / NONE  
Engineer/Manager: MEDINA, JAVIER / LLOYD, BARRY

Report Number: 021  
Report Date: 08/10/2016  
Spud Date: 02/09/2015  
Release Date:  
DOE: 51 DOL: 21 AFE Days:  
Last BOP T.: CSG Test:

Event: COMPLETION LAND  
Safety Meeting Topic:

Location: Lat: 31° 2' 15.15392 N  
Long: 101° 8' 16.03300 W

API #:	4210542190
Rig:	
Rig Phone:	
KB(ft):	2,664.51
POB: 29	Manhours: 297.00

Current Activity: WASHING DOWN TO PLUG #9. PROD WTR REC FOR DAY: 1400 BBLS. PROD WTR REC FOR JOB: 1400 BBLS

24 Hr Summary: MIRU AND TEST WOR AND ALL SURFACE EQUIPMENT

24 Hr Forecast: DRILL PLUGS

## OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	WOR	28	SFTYMTG	COMPLETE PRE-PAD MEETING. DISCUSS JSA W/ CREWS ON OPS.
06:30	10:30	4.00	P	WOR	44	WOD	UPON ARRIVAL OF SPARTAN TOOL HAND, THE TOOL STRING MU WAS NOT AS PROCEDURE STATED. SUBMIT DRAWING TO OPERATIONS SUPERVISOR FOR APPROVAL. DISCUSS MU W/ COMPLETIONS ENGINEER. RECEIVE APPROVAL.
10:30	16:30	6.00	P	WOR	17	OPNW	SICP: 0 PSI. WITH KP SET AND VERIFIED HOLDING. MU 4-3/4" JZ ROCK BIT, X-O, MUD MOTOR, XO, FLOAT SUB, 1 JNT 2-7/8" 7.9 PPF PH-6 P-110, FLOAT SUB DRESSED W/ DART TYPE FLOAT, 64 JNTS 2-7/8" 7.9 PPF PH-6 P-110, FLOAT SUB DRESSED W/ DART TYPE FLOAT, 2-7/8" 7.9 PPF PH-6 P-110 TO KP. TAG KP @ 5,937'(TM). *SEE ATTACHED BHA DRAWING FOR O.D., I.D., & LENGTH* LOAD WS & BREAK CIRC EVERY 30 JNTS WHILE TIH TO ENSURE TRASH IS WASHED FROM FLOATS.
16:30	18:00	1.50	P	WOR	28	SFTYMTG	RU PWR SWIVEL, INSTALL MUELLAR HEAD RUBBER. HSM. DISCUSS JSA NIGHT CREWS ON OPS.
18:00	19:00	1.00	P	WOR	06	CIRC	TAG & DRILL KP W/ 4 BPM, R/R: 4 BPM. HOLD 500 PSI BP WHILE DRILLING KP. DRILL IN 14 MIN. WASH TO CFP #1.
19:00	05:30	10.50	P	WOR	40	WASH	WASH/DRILL TO #1 CFP @ 6,806'(TM). DRILL UP IN 7 MIN. CIRC RATE: 4 BPM @ 1,900 PSI. R/R: 5 BPM @ 750 PSI. CIRC 10 BBL GEL SWEEP W/ 2% KCL & BIOCID. WASH/DRILL TO #2 CFP @ 6,991'(TM). DRILL UP IN 8 MIN. CIRC RATE: 4 BPM @ 1,850 PSI. R/R: 5 BPM @ 750 PSI. CIRC 10 BBL GEL SWEEP W/ 2% KCL & BIOCID. WASH/DRILL TO #3 CFP @ 7,203'(TM). DRILL UP IN 11 MIN. CIRC RATE: 4 BPM @ 2,000 PSI. R/R: 5 BPM @ 750 PSI. CIRC 10 BBL GEL SWEEP W/ 2% KCL & BIOCID. WASH/DRILL TO #4 CFP @ 7,395'(TM). DRILL UP IN 8 MIN. CIRC RATE: 4 BPM @ 2,000 PSI. R/R: 5 BPM @ 750 PSI. CIRC 10 BBL GEL SWEEP W/ 2% KCL & BIOCID. WASH/DRILL TO #5 CFP @ 7,623'(TM). DRILL UP IN 4 MIN. CIRC RATE: 4 BPM @ 2,000 PSI. R/R: 5 BPM @ 600 PSI. CIRC 10 BBL GEL SWEEP W/ 2% KCL & BIOCID. WASH/DRILL TO #6 CFP @ 7,807'(TM). DRILL UP IN 7 MIN. CIRC RATE: 4 BPM @ 2,000 PSI. R/R: 5 BPM @ 750 PSI. CIRC 10 BBL GEL SWEEP W/ 2% KCL & BIOCID. WASH/DRILL TO #7 CFP @ 7,999'(TM). DRILL UP IN 3 MIN. CIRC RATE: 4 BPM @ 2,000 PSI. R/R: 5 BPM @ 750 PSI. CIRC 10 BBL GEL SWEEP W/ 2% KCL & BIOCID. WASH/DRILL TO #8 CFP @ 8,194'(TM). DRILL UP IN 10 MIN. CIRC RATE: 4 BPM @ 2,000 PSI. R/R: 5 BPM @ 750 PSI. CIRC 10 BBL GEL SWEEP W/ 2% KCL & BIOCID. WASH/DRILL TO #9 CFP @ 8,400'(TM). DRILL UP IN 10 MIN. CIRC RATE: 4 BPM @ 1,950 PSI. R/R: 5 BPM @ 700 PSI. CIRC 10 BBL GEL SWEEP W/ 2% KCL & BIOCID. WASH/DRILL TO #10 CFP @ 8,589'(TM). DRILL UP IN 14 MIN. CIRC RATE: 4 BPM @ 2,000 PSI. R/R: 5 BPM @ 800 PSI. CIRC 10 BBL GEL SWEEP W/ 2% KCL & BIOCID.
05:30	06:00	0.50	P	WOR	28	SFTYMTG	HELD SAFETY MEETING, DISCUSSED WHEEL CHOCKS AND HEAT STRESS

## Daily Operations Comments:

NO INCCIDENTS OR ACCIDENTS TO REPORT

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
			Fluids Eng:	Qty	Description	ID	OD	Top Set
9.625	915.00 / 915.00		Pit Temp:					
14.000	40.00 / 40.00		Density:					
	/		Brine Type:					
			Gel Type:					
			Viscosity:					
			Nitrogen:					
			NTU:					
			FLOWBACK					
			Gas Rate:					
			Choke Size:					
			Avg. Tbg. Press:					
			Avg. Csg. Press:					
			Fluid Rate (Water):					
			Fluid Rate (Oil):					
			Tot. Load Recovered:					

## PERFORATIONS

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





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

Well Name/Wellbore No.: UNIVERSITY SALT DRAW 4102DH/00

Country: USA  
State: TEXAS  
Field: SALT DRAW  
Supervisors: DAVID DISOTELL / DANNY GOSS  
Engineer/Manager: MEDINA, JAVIER / LLOYD, BARRY

Report Number: 022  
Report Date: 08/11/2016  
Spud Date: 02/09/2015  
Release Date:  
DOE: 52 DOL: 22 AFE Days:  
Last BOP T.: CSG Test:

Event: COMPLETION LAND  
Safety Meeting Topic:  
Location: Lat: 31° 2' 15.15392 N  
Long: 101° 8' 16.03300 W

API #: 4210542190  
Rig:  
Rig Phone:  
KB(ft): 2,664.51  
POB: 29 Manhours: 297.00

Current Activity:	RIH TO PLUG #35. PROD WTR REC FOR DAY: 5,980 BBLS. PROD WTR REC FOR JOB: 7,380 BBLS. HAULED OFF 14 YARDS OF SAND.
24 Hr Summary:	TAG TOTS, CIRCULATE, POOH
24 Hr Forecast:	MIRU SNUBBING UNIT, CONT POOH.

## OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	WOR	06	CIRC	CONT TO CIRC 10 BBLs GELL SWEEP OOH TO CLEAN WELL BORE OF PLUG PARTS & SAND.
06:30	07:45	1.25	N	WOR	59	EQFAIL	PACKING FAILED ON PWR SWIVEL, REPLACE PACKING.
07:45	08:15	0.50	P	WOR	40	WASH	WASH/DRILL TO #12 CFP @ 9,002'(TM). DRILL UP IN 6 MIN. CIRC RATE: 5 BPM @ 2500 PSI. R/R: 6 BPM @ 750 PSI. CIRC 10 BBL GEL SWEEP W/ 2% KCL & BIOCID.
08:15	10:15	2.00	N	WOR	59	EQFAIL	PACKING FAILED A SECOND TIME, REPLACE PACKING. PACKING FAILED A THRID TIME. CHANGE OUT POWER HEAD ON PWR SWIVEL.
10:15	16:30	6.25	P	WOR	40	WASH	WASH/DRILL TO #13 CFP @ 9,190'(TM). DRILL UP IN 7 MIN. CIRC RATE: 5 BPM @ 2500 PSI. R/R: 6 BPM @ 700 PSI. CIRC 10 BBL GEL SWEEP W/ 2% KCL & BIOCID. WASH/DRILL TO #14 CFP @ 9,403'(TM). DRILL UP IN 6 MIN. CIRC RATE: 5 BPM @ 2700 PSI. R/R: 6 BPM @ 650 PSI. CIRC 10 BBL GEL SWEEP W/ 2% KCL & BIOCID. WASH/DRILL TO #15 CFP @ 9,619'(TM). DRILL UP IN 5 MIN. CIRC RATE: 5 BPM @ 2800 PSI. R/R: 6 BPM @ 650 PSI. CIRC 10 BBL GEL SWEEP W/ 2% KCL & BIOCID. WASH/DRILL TO #16 CFP @ 9,805'(TM). DRILL UP IN 10 MIN. CIRC RATE: 5 BPM @ 2800 PSI. R/R: 6 BPM @ 650 PSI. CIRC 10 BBL GEL SWEEP W/ 2% KCL & BIOCID. WASH/DRILL TO #17 CFP @ 9,991'(TM). DRILL UP IN 6 MIN. CIRC RATE: 5 BPM @ 2800 PSI. R/R: 6 BPM @ 650 PSI. CIRC 10 BBL GEL SWEEP W/ 2% KCL & BIOCID. WASH/DRILL TO #18 CFP @ 10,206'(TM). DRILL UP IN 13 MIN. CIRC RATE: 5 BPM @ 2800 PSI. R/R: 6 BPM @ 700 PSI. CIRC 10 BBL GEL SWEEP W/ 2% KCL & BIOCID. WASH/DRILL TO #19 CFP @ 10,392'(TM). DRILL UP IN 20 MIN. CIRC RATE: 5 BPM @ 2800 PSI. R/R: 6 BPM @ 700 PSI. CIRC 10 BBL GEL SWEEP W/ 2% KCL & BIOCID. WASH/DRILL TO #20 CFP @ 10,608'(TM). DRILL UP IN 12 MIN. CIRC RATE: 5 BPM @ 2800 PSI. R/R: 6 BPM @ 700 PSI. CIRC 10 BBL GEL SWEEP W/ 2% KCL & BIOCID. WASH/DRILL TO #21 CFP @ 10794'(TM). DRILL UP IN 10 MIN. CIRC RATE: 5 BPM @ 2800 PSI. R/R: 6 BPM @ 700 PSI. CIRC 30 BBL GEL SWEEP W/ 2% KCL & BIOCID.
16:30	17:00	0.50	P	WOR	18	OTHR	CHANGE OUT SAVER SUB DUE TO SHARP THREADS.
17:00	17:30	0.50	P	WOR	06	CIRC	CIRC 30 BBL GEL SWEEP OOH TO CLEAN WELL BORE OF PLUG PARTS.
17:30	18:00	0.50	P	WOR	28	SFTYMTG	HSM. DISCUSS JSA W/ NIGHT CREWS ON OPS. POOR LIGHTING, SLIPS, TRIPS, FALLS, & COMMUNICATION
18:00	05:30	11.50	P	WOR	40	WASH	WASH/DRILL TO #22 CFP @ 11,010'(TM). DRILL UP IN 5 MIN. CIRC RATE: 5 BPM @ 2,900 PSI. R/R: 6 BPM @ 800 PSI. CIRC 30 BBL GEL SWEEP W/ 2% KCL & BIOCID. WASH/DRILL TO #23 CFP @ 11,196'(TM). DRILL UP IN 10 MIN. CIRC RATE: 5 BPM @ 2,900 PSI. R/R: 6 BPM @ 800 PSI. CIRC 30 BBL GEL SWEEP W/ 2% KCL & BIOCID. WASH/DRILL TO #24 CFP @ 11396'(TM). DRILL UP IN 5 MIN. CIRC RATE: 5 BPM @ 2,900 PSI. R/R: 6 BPM @ 800 PSI. CIRC 30 BBL GEL SWEEP W/ 2% KCL & BIOCID. WASH/DRILL TO #25 CFP @ 11,585'(TM). DRILL UP IN 11 MIN. CIRC RATE: 5 BPM @ 2,900 PSI. R/R: 6 BPM @ 800 PSI. CIRC 30 BBL GEL SWEEP W/ 2% KCL & BIOCID. WASH/DRILL TO #26 CFP @ 11,794'(TM). DRILL UP IN 14 MIN. CIRC RATE: 5 BPM @ 2,900 PSI. R/R: 6 BPM @ 800 PSI. CIRC 30 BBL GEL SWEEP W/ 2% KCL & BIOCID. WASH/DRILL TO #27 CFP @ 11,988'(TM). DRILL UP IN 8 MIN. CIRC RATE: 5 BPM @ 2,900 PSI. R/R: 6 BPM @ 800 PSI. CIRC 30 BBL GEL SWEEP W/ 2% KCL & BIOCID. WASH/DRILL TO #28 CFP @ 12,184'(TM). DRILL UP IN 11 MIN. CIRC RATE: 5 BPM @ 2,900 PSI. R/R: 6 BPM @ 800 PSI. CIRC 30 BBL GEL SWEEP W/ 2% KCL & BIOCID. WASH/DRILL TO #29 CFP @ 12,397'(TM). DRILL UP IN 6 MIN. CIRC RATE: 5 BPM @ 2,900 PSI. R/R: 6 BPM @ 700 PSI. CIRC 30 BBL GEL SWEEP W/ 2% KCL & BIOCID. WASH/DRILL TO #30 CFP @ 12,598'(TM). DRILL UP IN 6 MIN. CIRC RATE: 5 BPM @ 2,900 PSI. R/R: 6 BPM @ 700 PSI. CIRC 30 BBL GEL SWEEP W/ 2% KCL & BIOCID. WASH/DRILL TO #31 CFP @ 12,785'(TM). DRILL UP IN 12 MIN. CIRC RATE: 5 BPM @ 2,900 PSI. R/R: 6 BPM @ 700 PSI. CIRC 30 BBL GEL SWEEP W/ 2% KCL & BIOCID. WASH/DRILL TO #32 CFP @ 12,997'(TM). DRILL UP IN 4 MIN. CIRC RATE: 5 BPM @ 2,900 PSI. R/R: 6 BPM @ 700 PSI. CIRC 30 BBL GEL SWEEP W/ 2% KCL & BIOCID. WASH/DRILL TO #33 CFP @ 13,185'(TM). DRILL UP IN 5 MIN. CIRC RATE: 5 BPM @ 3,100 PSI. R/R: 6 BPM @ 700 PSI. CIRC 30 BBL GEL SWEEP W/ 2% KCL & BIOCID. WASH/DRILL TO #34 CFP @ 13,350'(TM). DRILL UP IN 6 MIN. CIRC RATE: 5 BPM @ 3,000 PSI. R/R: 6 BPM @ 700 PSI. CIRC 30 BBL GEL SWEEP W/ 2% KCL & BIOCID.
05:30	06:00	0.50	P	WOR	28	SFTYMTG	HSM. DISCUSS HEAT STRESS, SPOTTERS WHILE BACKING, GUARDS ON MACHINERY

## Daily Operations Comments:

NO INCCIDENTS OR ACCIDENTS TO REPORT

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
9.625	915.00 / 915.00		Fluids Eng:	Qty	Description	ID	OD	Top Set
14.000	40.00 / 40.00		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: DAVID DISOTELL / DANNY GOSS  
Engineer/Manager: MEDINA, JAVIER / LLOYD, BARRY

Report Number: 023  
Report Date: 08/12/2016  
Spud Date: 02/09/2015  
Release Date:  
DOE: 53 DOL: 23 AFE Days:  
Last BOP T.: CSG Test:

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

Event: COMPLETION LAND  
Safety Meeting Topic:  
Location: Lat: 31° 2' 15.15392 N  
Long: 101° 8' 16.03300 W

API #: 4210542190  
Rig:  
Rig Phone:  
KB(ft): 2,664.51  
POB: 31 Manhours: 313.00

Current Activity: MIRU AND TEST WIRELINE, PROD WTR REC FOR DAY: 2,610 BBLs. PROD WTR REC FOR JOB: 9,993 BBLs. HAULED OFF 14 YARDS OF SAND. 28 YARDS FOR JOB.

24 Hr Summary: POOH, MIRU RASU, CONT POOH, LD BHA

24 Hr Forecast: SET PACKER, RIH WITH PRODUCTION TUBING

## OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	08:45	2.75	P	WOR	40	WASH	WASH/DRILL TO #35 CFP @ 13,585'(TM). DRILL UP IN 12 MIN. CIRC RATE: 5 BPM @ 3200 PSI. R/R: 6 BPM @ 700 PSI. CIRC 30 BBL GEL SWEEP W/ 2% KCL & BIOCID. WASH/DRILL TO #36 CFP @ 13,808'(TM). DRILL UP IN 13 MIN. CIRC RATE: 5 BPM @ 3200 PSI. R/R: 6 BPM @ 700 PSI. CIRC 30 BBL GEL SWEEP W/ 2% KCL & BIOCID. WASH/DRILL TO #37 CFP @ 13,994'(TM). DRILL UP IN 7 MIN. CIRC RATE: 5 BPM @ 3200 PSI. R/R: 6 BPM @ 700 PSI. CIRC 30 BBL GEL SWEEP W/ 2% KCL & BIOCID. WASH/DRILL TO 15' ABOVE TOE SLEEVE @ 14,234'.
08:45	09:45	1.00	P	WOR	06	CIRC	CIRC (2) 30 BBL GEL SWEEPS, DISP W/ 217 BBLS PROD WTR. DISP TBG W/ 80 BBLS 2% KCL & BIOCID WTR.
09:45	10:45	1.00	P	WOR	18	OTHR	HANG WOOLEY PWR SWIVEL INN RIG DERRICK, PREPARE RIG FLOOR TO POOH W/ WS.
10:45	15:30	4.75	P	WOR	39	TRIP	SLOW RETURN RATE TO 2 BPM W/ 850 PSI. POH W/ 2-7/8" WS TO 6,756'.
15:30	16:00	0.50	P	WOR	06	CIRC	CIRC (2) 30 BBL GEL SWEEPS, DISP W/ 103 BBLS PROD WTR. DISP TBG W/ 30 BBLS 2% KCL & BIOCID WTR.
16:00	16:45	0.75	P	WOR	18	OTHR	RD & LOAD OUT WOOLEY PWR SWIVEL.
16:45	17:30	0.75	P	WOR	39	TRIP	CLOSE IN WELL. SICP: 800 PSI. POOH LD WS.
17:30	18:00	0.50	P	WOR	28	SFTYMTG	HSM. DISCUSS JSA W/ CREWS ON OPS. PPE, WEATHER, PINCH POINTS
18:00	20:30	2.50	P	WOR	39	TRIP	CONT TO POOH W/ WS TO 1,525 DEPTH.
20:30	23:00	2.50	P	WOR	39	TRIP	RD RIG FLOOR AND WAITING ON SUBBING UNIT
23:00	02:10	3.17	P	WOR	39	TRIP	RU AND TEST RASU
02:10	04:20	2.17	P	WOR	39	TRIP	CONT POOH WITH RASU, OOH, LD BHA
04:20	05:30	1.17	P	RDMO	02	RDMO	RDMO SNUBSO RASU
05:30	06:00	0.50	P	WOR	28	SFTYMTG	HSM. DISCUSS JSA W/ DAY CREWS ON OPS.

## Daily Operations Comments:

NO INCCIDENTS OR ACCIDENTS TO REPORT

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
9.625	915.00 / 915.00		Fluids Eng:	Qty	Description	ID(in)	OD(in)	Top Set(ft)
14.000	40.00 / 40.00	/	Pit Temp:	1	EXT NECK TBG HGR	2.500	6.950	29.50
			Density:	1	Tubing, Tubing, ", 6.50 ppf, J-55, ,	2.500	2.875	30.10
			Brine Type:	1	Tubing, Tubing, ", 6.50 ppf, J-55, ,	2.500	2.875	63.04
			Gel Type:	1	Tubing, Tubing, ", 6.50 ppf, J-55, ,	2.500	2.875	64.04
			Viscosity:	1	2-7/8" 8RND J-55 EUE PUP JNT	2.500	2.875	72.04
			Nitrogen:	51	2-7/8" 8RND J-55 EUE PUP JNT	2.500	2.875	82.04
			NTU:	1	2-7/8" 8RND J-55 EUE PUP JNT	2.500	4.344	1,759.03
				24	Tubing, Tubing, ", 6.50 ppf, J-55, ,	2.500	2.875	1,763.13
			FLOWBACK	1	Mandrel, Gaslift Mandrel, ", ppf, , ,	2.500	4.344	2,553.44
			Gas Rate:	18	Tubing, Tubing, ", 6.50 ppf, J-55, ,	2.500	2.875	2,557.54
			Choke Size:	1	Mandrel, Gaslift Mandrel, ", ppf, , ,	2.500	4.344	3,150.14
			Avg. Tbg. Press:	17	Tubing, Tubing, ", 6.50 ppf, J-55, ,	2.500	2.875	3,154.24
			Avg. Csg. Press:	1	Mandrel, Gaslift Mandrel, ", ppf, , ,	2.500	4.344	3,714.24
			Fluid Rate (Water):	17	Tubing, Tubing, ", 6.50 ppf, J-55, ,	2.500	2.875	3,718.34
			Fluid Rate (Oil):	1	Mandrel, Gaslift Mandrel, ", ppf, , ,	2.500	4.344	4,278.11
			Tot. Load Recovered:	17	Tubing, Tubing, ", 6.50 ppf, J-55, ,	2.500	2.875	4,282.21
				1	Mandrel, Gaslift Mandrel, ", ppf, , ,	2.500	4.344	4,841.98
				18	Tubing, Tubing, ", 6.50 ppf, J-55, ,	2.500	2.875	4,846.08

## PERFORATIONS

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



Country: USA  
State: TEXAS  
Field: SALT DRAW  
Supervisors: DAVID DISOTELL / DANNY GOSS  
Engineer/Manager: MEDINA, JAVIER / LLOYD, BARRY

Report Number: 024  
Report Date: 08/13/2016  
Spud Date: 02/09/2015  
Release Date:  
DOE: 54 DOL: 24 AFE Days:  
Last BOP T.: CSG Test:

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

Event: COMPLETION LAND  
Safety Meeting Topic:  
Location: Lat: 31° 2' 15.15392 N  
Long: 101° 8' 16.03300 W

API #: 4210542190  
Rig:  
Rig Phone:  
KB(ft): 2,664.51  
POB: 24 Manhours: 216.45

Current Activity:	POOH WITH PROD TUBING, PROD WTR REC FOR DAY: 2,610 BBLS. PROD WTR REC FOR JOB: 9,993 BBLS. HAULED OFF 14 YARDS OF SAND. 28 YARDS FOR JOB.
24 Hr Summary:	RIH WITH PROD TUBING INSTALLING GAS LIFTS, COULD NOT UNLATCH FROM PACKER, POOH, LEFT 14 JTS OF PROD TUBING IN HOLE, RIH AND SCREW BACK ON TUBING TORQUED UP TUBING, UNLATCH PACKER, POOH
24 Hr Forecast:	RIH WITH TUBING INSTALLING GAS LIFTS, ND STACK, NU PROD TREE

## OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	08:45	2.75	P	MIRU	01	MIRU	MIRU KLX ELU, MU 7-1/16" 5M W/L FLANGE, NU 5-1/8" 5M WIRELINE VALVE, ROD TEST SAME TO 250 PSI LOW / 3,000 PSI HIGH. GOOD TEST. CHART FOR 5 MIN.
08:45	09:15	0.50	N	WLWORK	59	EQFAIL	UPON PREPARING TO LIFT W/L SHEAVE, IDENTIFY WIRELINE TO HAVE BROKEN WIRE. REHEAD WIRE.
09:15	10:15	1.00	N	WLWORK	59	EQFAIL	INSTALL LUB, IDENTIFY GREASE HOSES HAD WRONG CONNECTIONS TO HOOK UP TO TRUCK.
10:15	11:15	1.00	P	WLWORK	18	OTHR	SHELL TEST LUB TO 250 PSI LOW / 3,000 PSI HIGH. GOOD TEST. CHART FOR 5 MIN EACH TEST. BULLHEAD 160 BBLs 2% KCL W/ BIOCIDE DN CSG.
11:15	12:00	0.75	P	WLWORK	18	OTHR	RIH W/ 4.650" GR/JB TO 6,215'. POH. NO OBSTRUCTIONS NOTED. NO DEBRIS IN J.
12:00	13:30	1.50	P	WLWORK	20	PACK	SICP: 1,000 PSI. PU PKR ASSY, TEST LUB TO 250 PSI LOW / 3,000 PSI HIGH. RIH W/ POP PINNED TO RELEASE @ 3,000 PSI, WLEG, 10' PUP JNT 2-7/8" EUE 6.5 PPF J55, AS-1X PKR W/ T2 STINGER & 2.313X PROFILE. ENSURE CORRECT DEPTH W/ JB/GR PASS. SET PKR @ 6,115'(ELM). POH. SECURE WELL. BLEED WELL TO 0 PSI. MONITOR FOR FLOW.
13:30	14:15	0.75	P	RDMO	02	RDMO	RDMO KLX ELU.
14:15	15:30	1.25	P	WOR	18	OTHR	MU T2 RET TOOL, 3 JNT 2-7/8" EUE 6.5 PPF J55, ORIFICE VALVE, xx JNTs 2-7/8" EUE 6.5 PPF J55,
15:30	16:00	0.50	N	WOR	43	WOW	SD DUE TO LIGHTENING IN CLOSE PROXIMITY
16:00	18:35	2.58	P	WOR	39	TRIP	CONT RIH WITH PROD TUBING, HELD SAFETY MEETING DISCUSSED SLIPS TRIPS AND FALLS DUE TO RAIN
18:35	20:30	1.92	P	WOR	39	TRIP	TAGGED PACKER AT DEPTH OF 6,089', 188 JTS OF TUBING, LATCHED PACKER WORKED, TRIED TO UNLATCH ON AND OFF TOOL, COULD NOT UNLATCH
20:30	00:30	4.00	P	WOR	39	TRIP	UNLATCHED ON/ OFF TOOL,CIRCULATED HOLE CLEAN, POOH CHECKING CONNECTIONS
00:30	02:00	1.50	P	WOR	39	TRIP	PIPE ON SURFACE, LEFT 14 JTS OF PROD TUBING IN HOLE AND ON/OFF TOOL STILL LATCHED ON PACKER, CALLED ON DUTY ENGINEER AND MADE DECISION TO RIH
02:00	03:55	1.92	P	WOR	39	TRIP	RIH WITH PROD TUBING TAKING GAS LIFTS OUT
03:55	04:30	0.58	P	WOR	39	TRIP	TAG PACKER, TORQUED UP TUBING WITH TONGS, UNLATCHED ON/OFF TOOL
04:30	06:00	1.50	P	WOR	39	TRIP	POOH WITH PROD TUBING. HSM. DISCUSS JSA W/ DAY CREWS ON OPS. WEATHER, PPE, STOP WORK RESPONSIBILITY

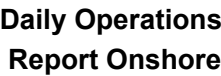
## Daily Operations Comments:

NO INCCIDENTS OR ACCIDENTS TO REPORT

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
			Fluids Eng:	Qty	Description	ID(in)	OD(in)	Top Set(ft)
9.625	915.00 / 915.00		Pit Temp:	1	EXT NECK TBG HGR	2.500	6.950	29.50
14.000	40.00 / 40.00		Density:	1	Tubing, Tubing, ", 6.50 ppf, J-55, ,	2.500	2.875	30.10
	/		Brine Type:	1	Tubing, Tubing, ", 6.50 ppf, J-55, ,	2.500	2.875	63.04
			Gel Type:	1	Tubing, Tubing, ", 6.50 ppf, J-55, ,	2.500	2.875	64.04
			Viscosity:	1	2-7/8" 8RND J-55 EUE PUP JNT	2.500	2.875	72.04
			Nitrogen:	51	2-7/8" 8RND J-55 EUE PUP JNT	2.500	2.875	82.04
			NTU:	12	2-7/8" 8RND J-55 EUE PUP JNT	2.500	4.344	1,759.03
				24	Tubing, Tubing, ", 6.50 ppf, J-55, ,	2.500	2.875	1,763.13
				1	Mandrel, Gaslift Mandrel, ", ppf, , ,	2.500	4.344	2,553.44
				18	Tubing, Tubing, ", 6.50 ppf, J-55, ,	2.500	2.875	2,557.54
				1	Mandrel, Gaslift Mandrel, ", ppf, , ,	2.500	4.344	3,150.14
				17	Tubing, Tubing, ", 6.50 ppf, J-55, ,	2.500	2.875	3,154.24
				1	Mandrel, Gaslift Mandrel, ", ppf, , ,	2.500	4.344	3,714.24
				17	Tubing, Tubing, ", 6.50 ppf, J-55, ,	2.500	2.875	3,718.34
				1	Mandrel, Gaslift Mandrel, ", ppf, , ,	2.500	4.344	4,278.11
				17	Tubing, Tubing, ", 6.50 ppf, J-55, ,	2.500	2.875	4,282.21
				1	Mandrel, Gaslift Mandrel, ", ppf, , ,	2.500	4.344	4,841.98
				18	Tubing, Tubing, ", 6.50 ppf, J-55, ,	2.500	2.875	4,846.08

## 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 4102DH/00

Country: USA  
State: TEXAS  
Field: SALT DRAW  
Supervisors: DAVID DISOTELL / DANNY GOSS  
Engineer/Manager: MEDINA, JAVIER / LLOYD, BARRY

Report Number: 025  
Report Date: 08/14/2016  
Spud Date: 02/09/2015  
Release Date:  
DOE: 55 DOL: 25 AFE Days  
Last BOP T.: CSG Test:

Event: COMPLETION LAND  
Safety Meeting Topic:  
Location: Lat: 31° 2' 15.15392 N  
Long: 101° 8' 16.03300 W

API #: 4210542190  
Rig:  
Rig Phone:  
KB(ft): 2,664.51  
POB: 20 Manhours: 224.00

Current Activity: NU BOP'S, TESTING PROD TREE, PROD WTR REC FOR DAY: 2,610 BBLS. PROD WTR REC FOR JOB: 9,993 BBLS. HAULED OFF 14 YARDS OF SAND. 28 YARDS FOR JOB.

24 Hr Summary: RIH WITH PROD TUBING, LATCH PACKER, SPACE OUT, LAND TUBING

24 Hr Forecast: MIRU ON THE FH

## OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	13:30	7.50	N	WOR	52	FISH	AWAIT THE ARRIVAL OF SPIRAL GRAPPLE FOR 2-7/8" PROD TBG FISHING OPS
13:30	17:30	4.00	N	WOR	52	FISH	MU & RIH W/ CUT LIP GUIDE, BOWEN SERIES 150 OVERSHOT (DRESSED W/ 3.656" SPIRAL GRAPPLE), TOP SUB, X-O, OIL JAR, X-CEL JAR, X-O SUB, 2-7/8" EUE J55 PROD TBG. TAG & LATCH FISH @ 5,530'. PU TO ENSURE LATCH. SET 2K DN ON PKR, ROTATE TBG TO THE LEFT 3/4 RDS. PU & APPEAR TO RELEASE O/O TOOL. TOH W/ PROD TBG.
17:30	18:00	0.50	N	WOR	28	SFTYMTG	HSM. DISCUSS JSA W/ NIGHT CREWS ON OPS. H.E.L.P., STOP WORK RESPONSIBILITY, PROPER POLICIES & PROCEDURES
18:00	19:30	1.50	N	WOR	52	FISH	CONT TO TOH W/ PROD TBG.
19:30	19:40	0.17	N	WOR	52	FISH	OOH WITH OVER SHOT, CONT POOH, ALL TUBING AND ON/OFF TOOL OUT OF HOLE
19:40	23:00	3.33	N	WOR	39	TRIP	MU NEW ON/OFF TOOL, PU PROD TUBING, RIH INSTALLING GAS LIFTS PER PROCEDURE
23:00	23:50	0.83	N	WOR	39	TRIP	TAG PACKER, PU 10K TO VERIFY A LATCH ON PACKER, SET DOWN 10K, PU SPACED OUT, MU HANGER WITH BPV IN PLACE, LANDED HANGER, PICKED HANGER UP ABOVE SLIPS
23:50	00:40	0.83	P	WOR	06	CIRC	CIRCULATE PACKER FLUID
00:40	02:00	1.33	P	WOR	13	HOSO	LANDED HANGER W/ BPV IN PLACE, RUN IN PINS, LD LANDING JOINT, RD FLOOR AND NIPPLED DOWN STACK. PASSIVE BARRIER #1: AS-1X PKR W/ POP IN PLACE. ACTIVE BARRIER #2: BPV INSTALLED IN TBG HGR.
02:00	05:30	3.50	P	WOR	16	NUND	NU 2-9/16" 5M PROD TREE. INSTALL TWC. TEST TREE TO 250 PSI LOW / 5,000 PSI HIGH. ALL GOOD TESTS & CHARTED FOR 5 MIN.
05:30	06:00	0.50	P	WOR	28	SFTYMTG	HSM. DISCUSS JSA W/ DAY CREWS ON OPS. HEAT & HYDRATION,PPE,HELP

## Daily Operations Comments:

**NO INCCIDENTS OR ACCIDENTS TO REPORT**

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
			Fluids Eng:	Qty	Description	ID(in)	OD(in)	Top Set(ft)
9.625	915.00 / 915.00		Pit Temp:	1	EXT NECK TBG HGR	2.500	6.950	29.50
14.000	40.00 / 40.00		Density:	1	Tubing, Tubing, ", 6.50 ppf, J-55, ,	2.500	2.875	30.10
	/		Brine Type:	1	Tubing, Tubing, ", 6.50 ppf, J-55, ,	2.500	2.875	63.04
			Gel Type:	1	Tubing, Tubing, ", 6.50 ppf, J-55, ,	2.500	2.875	64.04
			Viscosity:	1	2-7/8" 8RND J-55 EUE PUP JNT	2.500	2.875	72.04
			Nitrogen:	51	2-7/8" 8RND J-55 EUE PUP JNT	2.500	2.875	82.04
			NTU:	1	2-7/8" 8RND J-55 EUE PUP JNT	2.500	4.344	1,759.03
				24	Tubing, Tubing, ", 6.50 ppf, J-55, ,	2.500	2.875	1,763.13
				1	Mandrel, Gaslift Mandrel, ", ppf, , ,	2.500	4.344	2,553.44
				18	Tubing, Tubing, ", 6.50 ppf, J-55, ,	2.500	2.875	2,557.54
				1	Mandrel, Gaslift Mandrel, ", ppf, , ,	2.500	4.344	3,150.14
				17	Tubing, Tubing, ", 6.50 ppf, J-55, ,	2.500	2.875	3,154.24
				1	Mandrel, Gaslift Mandrel, ", ppf, , ,	2.500	4.344	3,714.24
				17	Tubing, Tubing, ", 6.50 ppf, J-55, ,	2.500	2.875	3,718.34
				1	Mandrel, Gaslift Mandrel, ", ppf, , ,	2.500	4.344	4,278.11
				17	Tubing, Tubing, ", 6.50 ppf, J-55, ,	2.500	2.875	4,282.21
				1	Mandrel, Gaslift Mandrel, ", ppf, , ,	2.500	4.344	4,841.98
				18	Tubing, Tubing, ", 6.50 ppf, J-55, ,	2.500	2.875	4,846.08

## 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 4102DH/00

Country: USA  
State: TEXAS  
Field: SALT DRAW  
Supervisors: DAVID DISOTELL / DANNY GOSS  
Engineer/Manager: MEDINA, JAVIER / LLOYD, BARRY

Report Number: 026  
Report Date: 08/15/2016  
Spud Date: 02/09/2015  
Release Date:  
DOE: 56 DOL: 26 AFE Days:  
Last BOP T.: CSG Test:

Event: COMPLETION LAND  
Safety Meeting Topic:

Location: Lat: 31° 2' 15.15392 N  
Long: 101° 8' 16.03300 W

API #:	4210542190
Rig:	
Rig Phone:	
KB(ft):	2,664.51
POB: 16	Manhours: 174.00

Current Activity: AWAIT FB OPERATIONS, PROD WTR REC FOR DAY: 2,610 BBLS. PROD WTR REC FOR JOB: 9,993 BBLS. HAULED OFF 14 YARDS OF SAND.  
28 YARDS FOR JOB.

24 Hr Summary: FISH PROD TBG, RUN COMPLETION TBG, INSTALL PROD TREE, RDMO WOR.

24 Hr Forecast: FINAL REPORT, AWAIT FB OPS

## OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	WOR	08	DHEQ	REMOVE TWC. TEST PROD TBG TO 1,000 PSI. GOOD TEST & CHARTED FOR 5 MIN. PUMP OUT DISC BELOW PKR @ 3,200 PSI. SECURE WELL. PRIMARY BARRIER: #1 LMV ON PROD TREE. #2 PRIMARY BARRIER TREE CAP W/ NEEDLE VALVE INSTALLED. CSG PASSIVE BARRIER #1 AS-1X PKR, CSG PRIMARY BARRIER #2: CLOSED CSG VALVE.
06:30	07:00	0.50	P	RDMO	02	RDMO	RDMO WOR. FINAL REPORT. NO FURTHER ACTIVITY UNTIL FLOW BACK OPERATIONS.
07:00	06:00	23.00	P	WOR	18	OTHR	NO ACTIVITY

## Daily Operations Comments:

NO INCCIDENTS OR ACCIDENTS TO REPORT

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
			Fluids Eng:	Qty	Description	ID(in)	OD(in)	Top Set(ft)
9.625	915.00 / 915.00		Pit Temp:	1	EXT NECK TBG HGR	2.500	6.950	29.50
14.000	40.00 / 40.00		Density:	1	Tubing, Tubing, ", 6.50 ppf, J-55, ,	2.500	2.875	30.00
	/		Brine Type:	1	Tubing, Tubing, ", 6.50 ppf, J-55, ,	2.500	2.875	62.32
			Gel Type:	47	2-7/8" 8RND J-55 EUE PUP JNT	2.500	2.875	70.37
			Viscosity:	1	2-7/8" 8RND J-55 EUE PUP JNT	2.500	4.344	1,590.71
			Nitrogen:	17	Tubing, Tubing, ", 6.50 ppf, J-55, ,	2.500	2.875	1,594.81
			NTU:	1	Mandrel, Gaslift Mandrel, ", ppf, , ,	2.500	4.344	2,144.78
				17	Tubing, Tubing, ", 6.50 ppf, J-55, ,	2.500	2.875	2,148.88
				1	Mandrel, Gaslift Mandrel, ", ppf, , ,	2.500	4.344	2,698.92
				17	Tubing, Tubing, ", 6.50 ppf, J-55, ,	2.500	2.875	2,703.02
				1	Mandrel, Gaslift Mandrel, ", ppf, , ,	2.500	4.344	3,253.06
				17	Tubing, Tubing, ", 6.50 ppf, J-55, ,	2.500	2.875	3,257.16
				1	Mandrel, Gaslift Mandrel, ", ppf, , ,	2.500	4.344	3,807.25
				17	Tubing, Tubing, ", 6.50 ppf, J-55, ,	2.500	2.875	3,811.35
				1	Mandrel, Gaslift Mandrel, ", ppf, , ,	2.500	4.344	4,361.18
				17	Tubing, Tubing, ", 6.50 ppf, J-55, ,	2.500	2.875	4,365.28
				1	Mandrel, Gaslift Mandrel, ", ppf, , ,	2.500	4.344	4,915.31
				16	Tubing, Tubing, ", 6.50 ppf, J-55, ,	2.500	2.875	4,919.41

## PERFORATIONS

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