

EP WELLS DAILY OPERATIONS REPORT

Report 12

09/04/2017

Company PERMIAN
 Well Type Development
 Well UNIVERSITY 20-33 WNK 2H
 Wellbore UNIVERSITY LAMPASAS 20-33 WNK 1D ST01
 WBS No/API No 30259905 / 4249533660.01

Event Summary

Event Type	Drilling only	Event Start Date	08/24/2017	Days on Location	11.85
Objective	Drill - Sidetrack for SWD	Original Spud Date	04/25/2015	Days Since Spud	2.90
Est. Days	10.00	Contractor	PRECISION		
Work Unit	PRECISION 826	Days To Release			
		Rig Phone/FAX No.			

Well Status

Supervisor	TREY HARGETT	Measured Depth(ft)	7,106.00
Engineer	JESSICA TRAVELER	TVD(ft)	7,106.00
Other Supervisor	DALY MOSBROKER	24 Hr Progress(ft)	0.00
Depth Ref/Grd Elev/Water Depth(ft)	DFE: 2,793.40 / 2,777.40	Hole size(in)	6.125
THF Datum			
Daily NPT(hr/%)	14.50/60.42	Last Casing MD	7.000in@5,080.00ft
Days Ahd(-) Bhnd(+)(50/50)		Next Casing MD	4.500in@7,100.00ft
Actual cost to date/AFE	908,860/465,000.00	Current MW / BH EMW(ppg)	9.70/
Actual divided by AFE	1.95	LOT/FIT EMW(ppg)	
Daily Cost	27,219	Lithology	
		Formation/MD Top	

HSE Summary

Last Incident	Date	Days	Last Incident	Date	Days	KPI's
LWC RWC MTC FAC Last casing pressure test			PSI NII HPI GOAL ZERO DAYS PS BARRIER EVENT PS barrier bowtie review	04/04/2017	153	TRCF LWCF Safety Cards - Safe Safety Card - Unsafe SSE% Last casing pressure(psi)

Safety Comments:

GOAL ZERO DAYS: 155
 DAYS SINCE LAST LTI: 155
 DAYS SINCE LAST HIPO: 20
 DAYS SINCE LAST MTC: 155
 MAN HOURS: 383

HSE Drills

Drills/Tests	Date	Days Since Last	JSA's/Toolbox Talks Days Since Last Drill
Last Derrick Inspection	08/29/2017	6	11
Last BOP function test	08/29/2017	6	
Last BOP Test	08/29/2017	6	
Next BOP Test	09/19/2017		

Operations Summary

24 Hour Summary
TRIP IN HOLE W/ DP TO SET PACKER TO 7095', WASH THROUGH SURFACE LINES, CIRC DP CAP F/ 5040' AT 2.5 BPM, DROP 1-7/16" STEEL BALL, WAIT 30 MIN, SET PKR, TEST BACK SIDE, BLOW BALL SEAT/RELEASED FROM PKR AT SAME TIME, TRIP OUT, LEFT PART OF RUNNING TOOL IN HOLE, NPT BAKER, REQUEST/RECIEVE FISHING TOOLS, MU 4-11/16" SHORT CATCH OVER SHOT, TRIP IN HOLE, LATCH FISH, PUT 15 TURNS RIGHT, RELEASE F/PKR, TRIP OUT HOLE TO 2024'
Update Since Report Time
0000 to 0130 -- TRIP OUT OF HOLE W/ OVERSHOT(NO FISH), 0130 TO 0300 -- CHANGE OUT GRAPPLE IN OVERSHOT, 0300 TO 0430 -- TRIP IN HOLE W/ OVERSHOT TO 2000'
24 Hour Forecast

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RU CRT, RUN INNER COATED 4-1/2" PIPE, STING INTO PKR, TEST, SPACE OUT/MU HANGER ASSY, CIRC PACKER FLUID TO BACK SIDE, STING INTO PKR/LAND HANGER, LOCK DOWN, PRESSURE TEST, LD LAND JOINT

Time Summary

Start	Hours	PH	OPN	Detail	Drilled Depth (ft)	NPT level	Rig Rate	Description
0:00	2.50	INT1	CLR		7,106.00	0		CONTINUE TRIP IN HOLE DP TO 7095' TO SET PACKER
2:30	1.00	INT1	CDM		7,106.00	0		CIRC 20 BBLS CLEAN FLUID THROUGH SURFACE LINES, AND CIRC DP CAP FROM 5040'
3:30	0.50	INT1	CLR		7,106.00	0		DROP 1-7/16" STEEL BALL AND WAIT 30 MINUTE TO FALL
4:00	1.00	INT1	SLP		7,106.00	0		PRESSURE UP TO 2500 PSI, SET PACKER AT 5039' AS PER BAKER HUGHES PROGRAM, ONCE PACKER SET, PRESSURED UP TO 3600, BALL SEAT BLEW AND RELEASED FROM PACKER AT SAME TIME
5:00	1.00	INT1	TOH		7,106.00	0		TRIP OUT HOLE WITH DP TO 3500'
6:00	2.50	INT1	TOH		7,106.00	0		CONTINUE TRIP OUT HOLE SURFACE
8:30	0.50	INT1	SLP		7,106.00	0		BREAK AND LD BAKER PACKER SETTING ASSY, PINEAPPLE ADAPTER KIT LEFT IN HOLE
9:00	6.00	INT1	FSHU		7,106.00	1		NPT-- BAKER HUGHES, WAIT ON FISHING TOOLS
15:00	0.50	INT1	FSHU		7,106.00	1		NPT-- BAKER HUGHES, PU UP AND BREAK X-O FROM BUMPER JARS AND LD BUMPER JARS
15:30	0.50	INT1	FSHU		7,106.00	1		NPT-- BAKER HUGHES, FISHING TOOLS ARRIVED, STRAP AND BRING TO RIG FLOOR
16:00	0.50	INT1	FSHU		7,106.00	1		NPT-- BAKER HUGHES, MU FISHING TOOLS 4-11/16" SHORT CATCH OVERSHOT W/ 2-5/8" GRAPPLE, BUMPER SUB AND X-O'S
16:30	1.50	INT1	FSHU		7,106.00	1		NPT-- BAKER HUGHES, TRIP IN HOLE TO 1190'
18:00	0.50	INT1	FSHU		7,106.00	1		NPT-- BAKER HUGHES, TRIP IN HOLE TO 1680'
18:30	0.50	INT1	SVC		7,106.00	0		RIG SERVICE
19:00	2.00	INT1	FSHU		7,106.00	1		NPT-- BAKER HUGHES, TRIP IN HOLE TO 5045'
21:00	0.50	INT1	FSHU		7,106.00	1		NPT-- BAKER HUGHES, LATCH FISH AT 5046', PUT 15 ROUNDS TO RIGHT AND RELEASE FROM PACKER
21:30	2.50	INT1	FSHU		7,106.00	1		NPT-- BAKER HUGHES, TRIP OUT HOLE TO 2024'
Total	24.00							

NPT Summary

Start Date/Time	Responsible Company	NPT Code	Failure MD (ft)	Ops Code	Type*	Equipment Type	Net time (hr)	Gross time (hr)	Severity	Status
09/04/2017 09:00	BAKER HUGHES OILFIELD OPERATION INC	Casing/Liner/Hanger	7,106.00	FSHU	N		0.00	0.00		OPEN
Description: BEGIN FISHING OPERATION FOR PINEAPPLE ADAPTER KIT LEFT IN HOLE						Title: FISHING				
Total							0.00	0.00		

Fluid Details

Mud type	NaCl Brine	Oil/Water (%)	0.00/91.00	pH/Pm (cc)	8.00/0.10
MD (ft)	7,106.00	TS/HGS/LGS (%)	1.50//	Pf/Mf (cc)	0.10/0.20
Mud Density (ppg)	9.70	Sand (%)	0.10	Ca+ (ppm)	
Vis (s/qt)	29.00			Cl- (ppm)	130,000
PV/YF (cp/lbf/100ft ²)	1.00/3.000	MBT (lbm/bbl)			
Gels 10 s/m (lbf/100ft ²)	1.000/1.000	LCM (lbm/bbl)			
API/HTHP WL (cc/30min)	100.0/	ECD (ppg)	9.700	R600/300 (°)	
FC/HTHP FC (32nd")	1.0/	H2S (gas unit)		R200/100 (°)	
		KCl (%)		R6/3 (°)	
FL temp. (°F)		Ditch Magnet in Last 24hrs/Cum. (gm)			

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PUMP/HYDRAULIC DATA

Pump No.	Type	Make/Model	Stroke (in)	Liner size (in)	Efficiency (%)	Pressure (psi)	SPM (spm)	Output (gpm)	Kill SPM/Pressure/Depth (spm/psi/ft)
1		BPMMP / BSF-1000 TRIPLEX	12.00						
2		BPMMP / BSF-1000 TRIPLEX	12.00						

Remarks

FUEL ON LOCATION: 2784 GAL
 FUEL USED LAST 24: 1822 GAL
 FUEL DELIVERED: