Greystone Petroleum, LLC

Daily Drilling Report
University Lands 31-2H

							Job Type:		Drilling
Well Name:	University Lands 31-2H	Date:	06/10/17	Days from Spud:	30	Report:	41	Planned TD:	18,268'
Spud D/T:	5/10/17 14:30	Rig Name:	Trinidad 121	Rig Manager / Number:	Don/Wesley 903-239-3227/318-947	Location:	Sec 42 Block 9 ,113' FNL & 376' FWL		
Field:	Emma (Devonian)	State:	Texas	County:	Andrews	GPS:	32° 07' 53.01" & -102° 37' 13.30" NAD 83 TX-NC Zone		
Present Ops:				Consultant:	Jason Hulslander/Jeff Savoy	TXRRC Info. Job #:	822882	Deviation Surveys	
Planned TVD:	10,580'	Planned TMD:	18,268'	Consultant #:	432-448-4922/580-729-0821	API #:	42-003-47488	Depth	Angle
Current TVD:	10,541'	Current TMD:	18,086'	Satellite #:	432-360-1022	AFE #:	217001		
Actual KOP:	9,860'	Actual EOC:	11,005'	GL Elevation:	3,150'	KB:	25'	KB Elevation:	3,175'
BOP Test:	05/24/17			Daily Well Cost ($):	$46,443	AFE Estimate $:	$3,481,500		
Next 24 hr Ops:	CIRC, POOH LINER HANGER FAILURE LD LINER			Cumulative Well Cost ($):	$3,013,170	% AFE Spent:	86.5%		

24 Hr Footage:	0'
Hours Drilling:	0.00
24 hr NPT (hrs):	22.00
Cum NPT (hrs):	48.50

Mud Type	Wt	Vis	Ph	Pm	Gel Str. 10/10		Daily OBM Total Vol.	
WATER	Pv	Yp	WL	Pf / Mf	Rhealogy 3rpm/6rpm		OBM Losses Daily/Cum	
DP/DC Volume	Solids	Chloride	Calcium	Total Hard	Btms Up	Full Circ	Diesel Added to OBM Daily/Cum	
Annular Vol DC	Annular Vol DP	Pit Volume	Min to Bit					

WOB Min / Max	RPM Min / Max	SPM	GPS	BPS
On/Off B PSI	Rot Wt / PU Wt	SO Wt	Hrs on Motor	
On Bottom Torq.	Off Bottom Torq.	Current Motor Description		

Time Distribution

Start	End	Hours	Activity Code	Description	NPT	Activity for Previous 24 Hours
6:00	7:30	1:30	5	Cond. & Circ.		CIRC 1-1/2X STRING VOLUME 48 SPM BEFORE ATTEMPTING TO SET LINER HANGER
7:30	14:30	7:00	21	Other	⊖	PUMP DOWN 1.5" BALL AT 3 BPM TO PRIMARY SEAT- PRESSURED UP TO 1300PSI 600 STROKES EARLY - ROTATE PIPE TO CHECK FOR TOOL RELEASE
14:30	14:30	0:00	21	Other	⊖	TOOL DID NOT RELEASE - PUMP HIGH VIS SWEEP TO ATTEMPT TO SEAT BALL IN SECOND LANDING SEAT (2700 STROKES) NO SEAT PRESSURE
14:30	14:30	0:00	21	Other	⊖	DROP SECOND BALL AND CHASED WITH HIGH VIS SWEEP (CALCULTED 2700 STROKES FOR SEAT) NO SEAT PRESSURE - CIRCULATE SWEEP OUT OF THE HOLE
14:30	15:00	0:30	7	Lubricate Rig		RIG SERVICE
15:00	17:30	2:30	5	Cond. & Circ.	⊖	CIRCULATE AT 30 SPM AND WAIT ON WIRELINE TRUCK
17:30	18:00	0:30	21	Other	⊖	SPOT AND RIG UP WIRELINE TRUCK
18:00	18:30	0:30	21	Other	⊖	PICK UP SINKER BARS, COLLAR LOCATOR AND 1 7/16" GAGE TIP
18:30	19:30	1:00	21	Other	⊖	RIH WITH GAGE TIP. SINKER BARS AND COLLAR LOCATOR TO 9,888 - FIRST BALL SEAT AT 9835 WAS CLEAR
19:30	20:00	0:30	21	Other	⊖	POOH WITH WIRELINE
20:00	23:00	3:00	5	Cond. & Circ.	⊖	CIRCULATE , BUILD HIGH VIS SWEEP AND CIRCULATE HIGH VIS SWEEP SURFACE TO SURFACE
23:00	0:30	1:30	5	Cond. & Circ.	⊖	SPOT 150 HIGH VIS PHPA PILL OVER LATERAL UP TO 9550
0:30	6:00	5:30	6	Trips	⊖	POOH 4" DP STDS WITH LINER HANGER AND 4.5 LINER DUE TO LINER HANGER FAILURE RACKBACK 104 STDS 4" DP

Accidents in Last 24 Hrs:

General Comments

Bit Summary

Bit #	Size	Mfg	Type	SN	Jets	Daily Hrs	Daily Ftg	In	Out	Cum/Total Ftg	Total Hrs	ROP	Comments
1	17 1/2	Hughes	DP605S	7036661	10-14's			105'	1,653'	1,653'	16.5	100.2	SURFACE BIT -TD
2	12 1/4	Hughes	TD606FX	7162904	6-16's			1,653'	5,850'	4,197'	63	66.6	1ST ITERM.-TD
3	8 3/4	Smith	MDSI716	JM3921	7X15			5,850'	9,820'	3,970'	57	69.6	VERT BIT-PR
4	8 3/4	Ulterra	U516M	26946	5X16			9,820'	10,564'	635'	40.5	15.7	VERT / CURVE-TD
5	6 1/8	NOV	E613	A223686	1X12 5X16			10,564'	10,683'	119'	10	11.9	CURVE-PR
6	6 1/8	BAKER	DPD407X	7156221	3X16 4X12			10,683'	11,435'	752'	24.5	30.7	CURVE/ LATERAL-MTR
7	6 1/8	BAKER	TD406FX	7163286	3X12 3X16			11,435'	16,016'	4,581'	129.5	35.4	LATERAL-MTR
8	6 1/8	BAKER	TD407HX	7155917	4x12 3x18			16,016'	18,086'	2,070'	58	35.7	LATERAL-TD
9													
10													

Bit # Grading	Inner	Outer	Dull Char	Location	Bearing	Other	Gauge	Reason Pulled	Comments

BHA Summary

BHA # | BHA Hours

Item	Description	Length	OD	ID	Conn Up	Box	Pin	Top to Bit	Equipment Description
	Total / Max / Min:	0.0'	0.0'	0.0'					

Drill String	Size	Weight	Grade	Connection	Jts in Hole	Length	Jts on Location	Total String Vol. (bbls)
DP (bottom)								
DP (middle)								
DP (top)	4"	14.0	S135	XT39	312		580	

Loads Fresh Water Hauled	
Vol. Fresh Water Hauled (bbls)	
Loads Brine Water Hauled	
Vol. Brine Water Hauled (bbls)	
Fuel Delivered in Last 24 Hrs (gal)	
Total Fuel on Hand (gal)	

	Assumed Eff.	Type	Liner OD	Length	SPM	GPS	GPM	BPS	BPM	Pressure	SPR - Depth	SPR - SPM	SPR - PSI
Pump #1	95%	HHF1600	5.5	12	71	3.5	250	0.084	5.5	1,900	17,549'	40	1900
Pump #2	95%	HHF1600	5.5	12	0	3.5	0	0.084					

	OD	ID	Length w/Shoe	# of Jts	Weight	Grade	Depth Set	Thread	Date Set	Centralizers	TOC	Comments
Conductor	20	19.124	95.00'	4	94	J-55	100.00'	WELD	03/18/17	0	0'	READY MIX TO SURFACE
Surface	13 3/8	12.615	1,644.50'	39	54.5	J-55	1,642.00'	BTC	05/11/17	10	0'	205 BBL'S OF GOOD CEMENT TO SURFACE
1st Intermediate	9 5/8	8.835	5,838.00'	137	40	HCL-40	5,840.00'	LT&C	05/17/17	10		100 BBL'S 1ST STAGE CEMENT TO SURFACE, 0 BBL'S 2ND STAGE
2nd Intermediate	7"	6.261	10,543.00'	236	26	HCL-80	10,543.00'	LTC	05/25/17	0	0'	110 BBL BACK TO SURFACE ON STAGE #2
Production												

Daily Cost Summary

Code	Code Description	Carryover	Vendor	Item Description	Total Daily
329	Company Consulting/Supv	Y	CD Consulting	Drill Site Supervision	$1,700
329	Company Consulting/Supv	Y	Tillman & Associates Consulting, LLC	Drill site supervision	$1,700
305	Drilling - Daywork	Y	Trinidad Drilling	Rig Day Rate	$15,000
333	Communications	Y	Infrastucture Networks	Communication , Internet & Phones	$170
343	Camps & Trailers	Y	Solid LiberyServices, LLC	Camp Trailers Offices Septic Water Tanks Trash Skid Generator	$900
331	Fluids	Y	AES Drilling Fluids	Drilling Fluids Cost	$12,041
312	Tool & Equipment Rental	Y	Midland Safety and Health Sales	H2S Monitoring System	$280
312	Tool & Equipment Rental	Y	Cutter	Rothead Equip & Orbit Valve	$120
312	Tool & Equipment Rental	Y	Sprayberry Production Services LLC	Frac Tanks , Premix Tank, Trash Pumps	$600
312	Tool & Equipment Rental	Y	National Oilwell Varco, LP (TOTCO)	Totco EDR	$300
312	Tool & Equipment Rental	Y	Kenny Torres Welding Services	Flare Igniter	$25
310	Directional Services	Y	VON Directional Services	Directional Services	$0
312	Tool & Equipment Rental	Y	Johnson Specialty Tools	Oil Containment	$200
315	Mud Logging & Geologist	Y	Diversified Well Logging, LLC	Mud Logging	$0
312	Tool & Equipment Rental	Y	Weir Seaboard	Choke and Panel	$100
350	Environmental Services - Water/Mud Disposal	Y	National Oilwell Varco, LP (NOV Fluid Contr	Cuttings Dryer, Centrifuge ,trackhoe, screen washer, 3-cuttings boxes	$0
312	Tool & Equipment Rental	Y	J&W SERVICES	VBR's and spacer spool	$195
322	Downhole Tools & Service	Y	Oil Patch Group, Inc.	4" DP , HANDLING TOOLS & 4" HWDP (CATCH UP COST FROM THE 26TH)	$2,290
317	Trucking	N	Pajual Enterprise, LLC	Trucking for BHA repairs	$715
317	Trucking	N	Pajual Enterprise, LLC	Trucking for BHA repairs	$465
338	Wireline Services	N	Capitan Corporation	Wireline services for liner hanger	$5,420

Daily Mud Cost:	$12,041	Cumulative Mud Cost:	$162,668	Daily NPT (hrs):	22.00	Total:	$42,221
Daily Well Cost:	$46,443	Cumulative Well Cost:	$3,013,170	Cumulative NPT (hrs):	48.50	Estimated Taxes:	$4,222
AFE Cost Estimate:	$3,481,500	AFE $ Remaining:	$468,330				