Daily Drilling Report Onshore

EP ENERGY

Data shared on this report is CONFIDENTIAL

Well Name/Wellbore No.: UNIVERSITY EAST 4128EH/00
Country: USA
State/OCSG: TEXAS
Field/Permit#: WOLFCAMP EAST
Supervisors: PANNELL, CHARLES / GARCIA, MICHA
Engineer/Manager: MACAFEE, BRADLEY / MARES, SERGI

Report Number: 010 API #: 4210542411
Report Date: 09/01/2017
Spud Date: 08/26/2017
Release Date:
DFS: 5.31 DOL: 9 AFE Days: 6
Last BOP T.: 08/26/2017

Depth md/tvd (ft): 14,118.03 / 6,292.01
Progress:
ROP: / = 0.00
Proposed TD (ft): 14,120.50
Next Csg Point (ft): 14,104.03

Rig: NABORS DRILLING/F-34
Rig Phone: 713-997-1205
RKB (ft): 2,660.01
Ground Level (ft): 2,630.0
POB: 22 Total Man Hours: 259.00

Current Activity: RIG RELEASED

24 Hr Summary: N/D BOPS, SET SLIPS ON 5 1/2" CASING, INSTALL 11" 5m X 5 1/8" 10m "B" SECTION TEST TO 4,300 PSI; OKAY, INSTALL 5" BPV & FLANGE CAP. RELEASE RIG @ 11:30 8/31/2017 -- FINAL REPORT

24 Hr Forecast: SKID RIG.TO THE UNIVERSITY EAST 4128 FH

MUD PROPERTIES

Fluids Co.: HALLIBURTON
Fluids Eng: Michael Burkett

Time:	7:30	Oil Cnt (%):	69
Location:	JCTION TANK	H2O Cnt (%):	19
Pit Temp (°F	112	Sand Cnt (%):	0.01
Depth (ft):	14,118.03	MBT (lbm/bbl):	0.0
Density (ppg):	9.30	pH:	0.0
FV (s/qt):	56	Pm (cc):	0.0
PV (cp):	14	Pf (cc):/Mf (cc):	0.0 / 0.0
YP (lbf/100ft²):	14	Chloride (ppm):	0
Gels ():	12/15/18	Calcium (ppm):	0.00
WL (cc/30min):	6.00	LCM (lbm/bbl):	0.0
HTHP (°F):	250	ES (mV):	542.0
Cake (32nd"):	2.00	LGS (%):	8.60
Solids (lbm/bbl):	78	Ex Lime (ppb):	3.8
ECD (ppg):	9.3	OWR:	78.4 / 21.6

MUD MATERIALS

Mud Additives	Used

MUD LOGGING

Trip Gas (units):	@	BG Gas (units):	Surf to Surf:
Conn Gas (units)	@		Lag Strokes:
Form:		Pore Pressure: (%)	Lag Time: (min)

BIT RECORD

Bit#		
S/N		
Size (in)		
Mfg		
IADC Type		
Model #		
Jets		
Depth In (ft)		
Depth Out (ft)		
Bit Rotations		
On Btm Hrs Cum		
Footage Cum (ft)		
ROP Cum		
WOB mn/mx (kip)	/	/
RPM rot/bit	/	/
Bit HP		
HSI		
PSI Drop (psi)		
Jet Vel (ft/s)		
Imp Force		

Grading: I O D L B G O R
Bit #
Bit #

CASING

Size(in)	MD(ft)/TVD(ft)	FIT/LOT(ppg)
16.00	70.00 / 70.00	
9.63	995.00 / 995.00	
5.50	14,104.03 / 6,298.01	

INVENTORY

Item	Inv

SOLIDS CONTROL

Skr	Deck 1 Screens	Deck 2 Screens
1	140/140/140/140	
2	140/140/140/140	
3	140/140/140/140	

MUD PUMPS

	#1	#2	#3
Pump Type:			
Liner ID:		0.00	
SPM:		0.00	
GPM:		0.00	
SPR:			
1 SPM:		0.00	
Pressure:		0.00	
2 SPM:		0.00	
Pressure:		0.00	

T GPM (gpm): SPP (psi):
AV (DC): 490 AV (DP): 269

SURVEYS

MD (ft)	Inclination(°)	Azimuth (°)	TVD (ft)	V Section (ft)	+E/-W (ft)	+N/-S (ft)	Dog Leg (°/100ft)
13,319	87.00	0.32	6,278	7,104.56	878.93	7,104.56	0.73
13,413	87.19	359.97	6,283	7,198.44	879.17	7,198.44	0.42
13,507	90.06	2.08	6,285	7,292.38	880.85	7,292.38	3.79
13,601	91.06	2.43	6,284	7,386.30	884.55	7,386.30	1.13
13,695	86.88	1.73	6,286	7,480.21	887.96	7,480.21	4.51
13,789	86.88	1.03	6,291	7,574.04	890.22	7,574.04	0.74
13,883	87.88	359.80	6,295	7,667.94	890.90	7,667.94	1.69
13,977	91.56	358.04	6,296	7,761.90	889.13	7,761.90	4.34

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	07:30	1.50	P	CASPRD1	28	NUBOPE	S/M. MIRU ELITE SERVICES. BREAK BOLTS ON WELL HEAD FLANGE. NABORS BOP WINCHES BROKE DOWN
07:30	09:00	1.50	N	CASPRD1	47	RROTHR	WAIT ON 3RD PARTY BOP WINCHES. WINCHES ARRIVED AT 8:00 AM, WINCHES RIGGED UP BY 9:00 AM
09:00	11:30	2.50	P	CASPRD1	27	TSTWHEQ	RAISE BOP STACK. SET SLIP ON 5 1/2" CASING W/ 102K (BLOCKS OFF). CUT AND BEVEL CASING. INATALL 11" 5M X 5 1/8" 10K "B" SECTION. TEST VOID TO 4,300 PSI; OKAY RIG RELEASE @ 11:30 8/31/17. --- 4.54 DAYS SPUD TO RIG RELEASE.

Daily Operations Comments
UTILIZING DIRECTIONAL PLAN #2. KOP 5,847', 85°@ 6,502'.

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