Daily Drilling Report Onshore

EP ENERGY

Data shared on this report is CONFIDENTIAL

Well Name/Wellbore No.: UNIVERSITY EAST 4128CH/00
Country: USA
State/OCSG: TEXAS
Field/Permit#: WOLFCAMP EAST
Supervisors: JOE WILKERSON / JARED FAUST
Engineer/Manager: MACAFEE, BRADLEY / MARES, SERGI

Report Number: 002 API #: 4210542410
Report Date: 09/13/2017
Spud Date:
Release Date:
DFS: 0.00 DOL: 0 AFE Days: 6
Last BOP T.: 09/13/2017

Depth md/tvd (ft): 995.00 / 994.95
Progress (ft): 0.00
ROP: 0.0 / 0.00 = 0.00
Proposed TD (ft): 14,602.10
Next Csg Point (ft): 14,628.03

Rig: NABORS DRILLING/F-34
Rig Phone: 713-997-1205
RKB (ft): 2,660.01
Ground Level (ft): 2,630.0
POB: 24 Total Man Hours: 275.00

Current Activity: C/O LUBE PUMP ON TOP DRIVE.

24 Hr Summary: WALK RIG 20' TO UNIVERSITY EAST 4128 CH. N/U BOP & FLOWLINE. TEST BOP & CASING. P/U BHA & TIH TO 900'. SLIP & CUT DRILL LINE. DISPLACE WATER WITH OBM. C/O TOP DRIVE LUBE PUMP.

24 Hr Forecast: DRILL OUT CEMENT & FLOAT EQUIPMEMT. DRILL SIDEBUILD TO KOP.CBU & TOOH FOR CURVE BHA.

MUD PROPERTIES

Fluids Co.: HALLIBURTON
Fluids Eng: Wesley Vaughn

Time:	7:30	Oil Cnt (%):	69
Location:	JCTION TANK	H2O Cnt (%):	19
Pit Temp (°F	118	Sand Cnt (%):	0.01
Depth (ft):	835.00	MBT (lbm/bbl):	0.0
Density (ppg):	9.30	pH:	0.0
FV (s/qt):	61	Pm (cc):	0.0
PV (cp):	15	Pf (cc):/Mf (cc):	0.0 / 0.0
YP (lbf/100ft²):	13	Chloride (ppm):	0
Gels ():	11/15/19	Calcium (ppm):	0.00
WL (cc/30min):	7.20	LCM (lbm/bbl):	0.0
HTHP (°F):	250	ES (mV):	777.0
Cake (32nd"):	2.00	LGS (%):	8.60
Solids (lbm/bbl):	81	Ex Lime (ppb):	3.4
ECD (ppg):	9.3	OWR:	78.4 / 21.6

MUD MATERIALS

Mud Additives	Used

BIT RECORD

Bit#		
S/N		
Size (in)		
Mfg		
IADC Type		
Model #		
Jets		5X16
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	14,628.03 / 6,823.01	

INVENTORY

Item	Inv
MUD DIESEL	6,700
DIESEL,RIG	13,475

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 LOGGING

Trip Gas (units): @
Conn Gas (units) @
Form:
BG Gas (units):
Pore Pressure: 0 (%)
Surf to Surf:
Lag Strokes:
Lag Time: (min)

BHA # 1

Qty	Item Description	ID (in)	OD (in)	Len (ft)	Cum (ft)
1	MM56D		8.750	1.00	1.00
1	BAKER 6-3/4" 7/8 6.0 1.8 ABH MUD		6.750	30.97	31.97
1	PONY DC	3.250	6.625	10.82	42.79
1	EM TOOL	2.875	6.625	28.05	70.84
1	NMDC	2.875	6.625	30.25	101.09
1	CROSSOVER	2.875	6.375	3.40	104.49
3	3 DRILL COLLARS	2.875	6.500	91.66	196.15
1	CROSSOVER	2.250	6.500	3.05	199.20
	5" DP	4.276	5.000	802.57	1,001.77
				Total Length:	1,001.77

STRING LOADS

On Btm Torque:
Off Btm Torque:
Str. Wt. Up:
Str. Wt. Down:
Str. Wt. Rot.:
Max Over Pull:

BHA PROPERTIES

BHA Hrs:
Jar Hrs:
Cum String Hours:
Weight B Jars (kip):

MUD PUMPS

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

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

SURVEYS

MD (ft)	Inclination(°)	Azimuth (°)	TVD (ft)	V Section (ft)	+E/-W (ft)	+N/-S (ft)	Dog Leg (°/100ft)
892	0.78	326.00	892	3.23	-6.25	3.23	0.00

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
20:00	20:30	0.50	P	MIRU	01	MIRU	WALK RIG 20' TO WELL CENTER.
20:30	21:30	1.00	P	CASSURF	28	NUBOPE	N/U BOP AND FLOWLINE.
21:30	01:30	4.00	P	CASSURF	19	TEST	TEST BOPE 250 PSI LOW, 5,000 PSI HIGH, 5 MIN EACH WITH H2O, TEST ANNULAR 250 PSI LOW, 3,500 PSI HIGH.
01:30	02:00	0.50	P	CASSURF	31	TESTCAS	TEST CASING TO 1,400 PSI. HELD FOR 30 MIN.
02:00	03:00	1.00	P	CASSURF	13	TRIP	P/U SIDE BUILD BHA (8 3/4" SECURITY MM56D , BAKER 1.80° 7/8 6.0, PONY, EM TOOL, NMDC 1-STAND 6 1/2" DC). TIH TO 900'.
03:00	04:00	1.00	P	CASSURF	17	CUTSLIP	SLIP & CUT DRILL LINE.
04:00	04:30	0.50	P	CASSURF	15	CIRC	DISPLACE WATER WITH OBM.
04:30	05:00	0.50	P	CASSURF	12	RIGSVC	SERVICE RIG. TOP DRIVE LUBE PUMP NOT WORKING.
05:00	06:00	1.00	N	CASSURF	43	RRTOP	C/O LUBE PUMP ON TOP DRIVE.

Daily Operations Comments
UTILIZING DIRECTIONAL PLAN #3.

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