surface

SOURCE ENERGY PARTNERS
DAILY DRILLING REPORT

SourceEnergy

DATE: 10/29/2013
AFE NO: 0

RIG PHONE NUMBER	580-303-4948
FIELD/PROSPECT	Matrix
WELL LEASE AND NO.	**Oldridge 8-44-8-41 H**
CITY/PARISH,STATE	Sumner County, KS
RIG NAME AND TYPE	Nabors Drilling Rig #113
PROPOSED MD/TVD	8050' MD / 3687' TVD
OBJECTIVE	TOP Mississippi 3609' MD / 3530' TVD
WD/RKB-MWL	
PERFORATIONS	

CASING PROGRAM

SIZE	WEIGHT	GRADE	PROPOSED / ACTUAL MD / TVD	STATUS	FIT/LOT TEST
9-5/8"	36#	J-55	300' MD /		
7"	23#	N-80	/		
7"	26#	N-80	4100' 3687' /		
4-1/2"	11.6#	N-80	8050' 3687' /		

INTERMEDIATED SETTING DEPTH KOP @ 3135' MD

LATERAL LENGTH DRILLED

CURRENT MUD WEIGHT MUD TYPE: Water Base

AFE DAYS: 15 REPORT NO: 4 COMP DAY

DEPTH-MD/TVD 310 PBTD OR TOF

DEPTH YESTERDAY 0
DEPTH TODAY **310**
FOOTAGE DRILLED 310 HOURS DRLG 5

DAYS FROM SPUD: 1
AVERAGE ROP 68.9'/hr

PRESENT OPERATION (0600) Cut off casing, Well on head

PROPOSED ACTIVITY 24 HRS: Pick up Baker auto track, Drill out, Drill formation

From	To	P/U/A	Hours	Remarks
6:00	10:00	P	0:00	4 - Hrs/ Prep rig for 13.5" hole / At 10 A.M. Company rep (Barry Bristow) and Nabors rig manager (Stanton Smith) agreed rig is spud ready
10:00	11:00	P	0:00	Pick up B.H.A. and M.U. bit #1
11:00	13:00	P	2:00	Spud 13.5" hole f/ 0' to 99' / 2 hrs / 99' / 49.5 fph
13:00	13:30	P	0:30	Run wireline single shot survey @ 99' 1.23*
13:30	14:30	P	1:00	Rotate f/ 99' to 220' / 121' / 1 hr / 121 fph
14:30	15:00	P	0:30	Run wireline single shot survey @ 200' / 1.23*
15:00	16:30	P	1:30	Rotate f/ 220' to 311' / 91' / 1.5 hrs / 60.6 fph
16:30	17:00	P	0:30	Circulate 20 BBL 80 Vis. Sweep out of hole and run single shot wireline survey / .94* @ 310'
17:00	17:30	P	0:30	Wiper trip out of hole f/ 310' to 33' (no issues)
17:30	18:00	P	0:30	Trip in hole f/ 33' to 310' (no issues)
18:00	18:30	P	0:30	Pump 25 BBL 80 Vis sweep, Circ. Hole clen
18:30	20:00	P	1:30	Trip out of hole f/ 310' to 220' / L/D 1 jt. HWDP, 4 - 6.25" D.C'S, 2 - 8" D.C.'S, All X.O.'S, Break Bit
20:00	21:00	P	1:00	Hold safety meeting, Rig down Nabors bales, elevators, Rig up Dean's casing crew
21:00	22:00	P	1:00	Run 7 jts (304.78') 36# / J-55 / LT&C casing with Deans casing crew / Shoe set at 304.78'
22:00	22:30	P	0:30	Circulate thru cementing head & rig down casers
22:30	23:30	P	1:00	Pumped 15 BBl water ahead, pumped 150 sks 3% calcium, .50# pheno-seal @ 15 PPG, drop plug displaced 23.5 BBL to land, bumped plug @ 1100 psi, released
23:30	23:30	P	0:00	psi, floats didn't hold, attempt to bump floats 2 more times (no success) Bump plug with 500 psi, shut in, hold psi 5 hours / full returns / 20 BBL cement to surface
23:30	5:00	U	5:30	Hold 500 psi on floats & rig down cementers
5:00	6:00	P	1:00	Release psi on floats, Floats held, rig down cementing head, cut off casing
0:00	0:00		0:00	
0:00	0:00		0:00	
0:00	0:00		0:00	
0:00	0:00		0:00	No accidents, No down time, Full crewsw
0:00	0:00		0:00	
0:00	0:00		0:00	9:30 A.M. Spoke with Patrick of KCC gave him notice of spud / 8;30 A.M. Steve with KCC on location for visit (ok) / Spoke with Johnathon of KCC, gave him
0:00	0:00		0:00	approximate cement time so he could be on location / Mr. jonathon Hill of KCC on location during entire cement job
			24.0	TOTAL HRS.

FOC WRI%:	100.00%
AFE AMOUNT:	$1,666,290
NET FOC AMOUNT:	$0

YESTERDAY'S COST	$133,772
TODAY'S DAILY COST	$46,068
CUMMULATIVE COST	$332,006

MUD PROPERTIES

Mud Type | Buoyancy Factor: 1.0000

Mud Wt.	Viscosity	PV/YP	Gels 10sec/10min	PH/POH	Filtrate API/HTHP	Cake API/HTHP	% Solids	Oil/Water	CA	% Sand	OWR	Chlorides

MBT: PHPA Circ Vol: 0 bbls Surf Vol: Ann Volume: DC Volume: DP Volume: Treating Volume 0 bbls

DAILY MUD USAGE

Mil Gel NT		Xan Plex D		Drispac SL		Check Loss		Carbo gel		Pallets	
Barite		New Drill HP		Drispac R		Mica C		Omni Mul		Wraps	
Bulk Gel		Ligco		XCD		Mica F		EcoFlo SBM		Engineer	
Caustic Soda		Mil Carb		MilPac LV		Nut Plug M		GLASS BEADS		Liquid Mud	
Lime		Super Sweep		Salt		LD-8					
Soda Ash		Cacl		Unical							
		Biolose		MilPac R							

PRIOR CUM COST

CUMULATIVE MUD COST $ -
DAILY MUD COST $ -

BIT INFORMATION

NO.	SIZE	MAKE	TYPE	DEPTH OUT	FOOTAGE	HOURS	AVG ROP	JETS	DEPTH IN	SERIAL NO.	GRADE	MOTOR MAKE & TYPE
1	13.500"	PDC	DP606	310'	310'	4.5	68.9'/hr		0'	7028907	1-1-WT-I-X-TD	
					0'							

DAILY HYDRAULICS INFORMATION

PUMP	MAKE MODEL	STROKE	LINER	SPM	EFF	BBL/STK	PUMP PRESS	GPM	DP AV	DC AV
1	Gardener Denver	10.000"	6.0"	85	95%	0.0996	300 psi	#REF!	#REF!	#REF!
2	Gardener Denver	10.000"	6.0"		95%	0.0996				