

DIST. 3

submitted in lieu of Form 3160-5
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

RECEIVED

JAN 25 2008

Bureau of Land Management
Farmington Field Office

1. Type of Well
GAS

2. Name of Operator

BURLINGTON

RESOURCES OIL & GAS COMPANY LP

3. Address & Phone No. of Operator

PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. Location of Well, Footage, Sec., T, R, M

Surf: Unit K (NESW), 1555' FSL & 2070' FWL, Section 35, T26N, R06W, NMPM

Bot: Unit M (SWSW), 710' FSL & 710' FWL, Section 35, T26N, R06W, NMPM

5. Lease Number
SF-079265

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

8. Well Name & Number
Klein 27N

9. API Well No.

30-039-30405

10. Field and Pool
Basin Dakota
Blanco Mesaverde

11. County and State
Rio Arriba Co., NM

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment

Type of Action

☐ Abandonment

☐ Recompletion

☐ Plugging

☐ Casing Repair

☐ Altering Casing

☒ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut off

☐ Conversion to Injection

☒ Other -

13. Describe Proposed or Completed Operations

Burlington wishes to change this drill plan from a Master Plan Type 3 to a Master Plan Type 4. We want to change the production hole size from 6 1/4" to a 7 7/8".

The cmt will be adjusted accordingly.

Attached is the new Drilling Program.

14. I hereby certify that the foregoing is true and correct.

Signed Rhonda Rogers Rhonda Rogers Title Regulatory Technician Date 1/22/2008

(This space for Federal or State Office use)

APPROVED BY [Signature] Title Pet. Eng. Date 2/11/08

CONDITION OF APPROVAL, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

NMOCD

BURLINGTON RESOURCES

Klein 27N

T - 26 N
R - 6 W
Sec 35

Objective: MV/DK New Drill
Footages: 1555' FSL, 2070' FWL

Rig: AWS #730
GL: 6336'
KB: 6351'

BLM Phone #
505-599-8907
OCD Phone #
505-334-6178

API #
30-039-30405
Network #
10198763

Lease #
NMSF-079265
Like Kind
125 \$/FT
APD TMD:

APD/BLM:
11/2/2007
AFE #
WAN.CDR.7180

San Juan Division - Drilling Program

In case of Major Emergency Call 911
Give the following information to Operator:

Well Name: Klein 27N
County: Rio Arriba
State: NM

Latitude (NAD27): 36 degrees, 26.3997 minutes
Latitude (NAD83): 36.440006 degrees
Longitude(NAD27): 107 degrees, 26.2899 minutes
Longitude(NAD83): 107.438766 degrees

From the Intersection of Hwy 550 and Hwy 64 in Bloomfield, NM, take Hwy 550 (south) for 1.0 miles to CR 4900, turn left (easterly) on CR 4900 15.0 miles to five mile bridge, stay right @ Intersection (southeasterly) for 3.2 miles, across 10 mile bridge continue (southeasterly) for 18.2 miles to Old Largo Canyon School, turn right (southeasterly) 2.5 miles, along Canyon Largo Wash 2.5 miles, turn left (easterly) across Largo Wash 4.2 miles, turn right (southerly) 0.1 miles to the location twinned on existing well pad, Klein 27.

Environmental, Health & Safety

"Opportunities are usually disguised as hard work, so most people don't recognize them." Ann Landers
"Nothing is particularly hard if you divide it into small jobs." Henry Ford

	TRIR*	FAT	Restrict'd Duty	OSHA Rec	1st Aid
Goal	1	0	0	0	0
Actual (12/14/07)	2.6	1	11	26	121

* TRIR - Total Recordable Incident Rate per 200,000 man-hours.

Environmental Goals:

- Zero Spills on Location
- Remove Trash from Roads and Locations

Offset Summary

Klein #27 (MV/DK, 1978, parent Well, mud drilled): Rig drilled 13-3/4" surface to 220'. Ran 9-5/8", 36#, K-55 to 214'. Pumped 63 bbls cmt, did not circulate cmt to surface. Pumped additional 16 bbls cmt down backside, circulated 5 bbls. Drilled 1/220'-5,480' w/ 8-3/4" STC F2 bit and from 5,480'-7150' with 7-7/8" bit. Max deviation = 1", average mud weight = 9.2 ppg. Ran 4-1/2", 10.5#/11 6#, K-55 casing to 7,134'. Pumped 63 bbls during first stage, 97 bbls during second stage, and 78 bbls during third stage. No mention of returns.

Vaughn #8M (MV/DK, 2007, 1.5 ml N, mud drilled): Drilled 12-1/4" hole to 133', ran & cmt'd 9-5/8" csg w/ 100% excess cmt & circ 4 bbls. Drilled 8-3/4" hole using Hughes Christensen GT-1 from 133' to 335'. Ran & cmt'd 7" csg w/ 150% excess & circ 10 bbls of cmt to surf. Mud drilled 6-1/4" hole w/ two Hughes Christensen HC505 bits to 7500'. Used a mud motor. While drilling @ 7250' well took 175 bbls & remedied by adding cedar fiber to stabilize the hole. Ran & cmt'd 4-1/2" N-80 in two stages w/ 50% excess cmt on the 1st stage and 45% excess cmt on the 2nd stage and returned 1 bbl of cmt to surf on 1st stage and 0 bbls on second stage, but did circulate gelled water to surface. TOC at 850'.

Klein 26N (MV/DK, 2007, 1.5 ml W, mud drilled): Preset surface. Drilled 1/337'-7,531' w/ 7-7/8" Hughes 506ZX, avg 80 fph, max dev=2.0 deg, 378 gpm, 9 ppg mud. Used a 6-1/2" Hunting mud motor. Ran 4-1/2", 11.6#, L-80, LTC casing to 7,529'. Performed foam cmt job, pumped 453 bbls and circulated 80 bbls to pit, 50% excess.

Operational Notes

Directional Info

Plan Sections					
Measured Depth (ft)	Inclination (d)	Azimuth (d)	Vertical Depth (ft)	Build Rate (d/100ft)	Casing Point
0	0	0	0	0	
400.0	0	0	400	0	
1250.5	25.51	237.23	1,222.70	3.0	
4081.2	25.51	237.23	3,777.30	0.0	
4931.7	0	0	4,600.00	0.3	
7,413.70	0	0	7,082.00	0	Prod. Csg Point

- Drill out surface cmt with directional equipment, drill to KOP of 400'
 - A 6-1/2" E-Field MWD tool will be used
 - Run an Hunting 6-1/2", 7-8, 0.28 rev/gal 5.0 stage motor without stabilizers.
 - If directional plan changes, recalculate position and drill to TVD. If deviation at int TD exceeds 5°, call office for further instruction.
 - At 4-1/2" casing point, TOH with drilling assembly and TIH with insert bit, collar, 7-1/8" 3-pt. reamer (if necessary)
- Target Info**
- Bottom hole location is 710' FSL and 710' FWL (Section 35)
 - Target is 861.6' S and 1,338.5' W from surface stake.
 - BHL is 1591.8' in azimuth of 237.23° from surface location
 - Target size is a 50' radius around the BHL. Do not cross hard lease line 660' from section lines.

Operational Info

- Run 6 fts of 6" spiral DC's and 19 fts of 4" HeviWate pipe for production hole (supplied by Weatherford).
- If a trip is necessary below 4800' TMD then LD directional tools and PU 6-1/2" straight mud motor before tripping back in the hole
- Pump cement job no greater than 4 BPM.
- Install drilling head rotating rubber once BHA is buried
- Caliper everything that goes through the table.
- Well should take an estimated 11 days to drill

- Estimated bottom of perfs @ 7307' TMD
- Call both regulatory agencies 24 hours in advance of BOP testing, spud, running csg, or cementing. Leave message if after hours.

TVD	TMD	Geology	Hydraulics	Drig Fluids	Cement	Materials
0'	0'	San Jose	12 1/4" Retip	Spud Mud	Type III cement with 3% CaCl2 and 1/4 pps celloflake	1 Cameron 9 5/8" Wellhead 1 Wellhead fuzz cap 320 feet 9-5/8" 32.3# H-40 STC 1 9-5/8" sawtooth guide shoe 3 Bow Type Centralizers 1 Rubber Plug f/displacement
320'	320'	SCP	7.7/8" HCM506ZX 6-12's 10-30K WOB 430 GPM 65 RPM	Drill out from under surface w/ Clean Faze (Vis 33-35, WT 8.5-9.0 ppg, WL of 6-8 cc/30 min). Sweep hole with gel/fiber as needed. Don't hesitate to mud hole up!	250 sks 319.2 cu.ft 1.28 cu.ft/sk 5.77 gal per sk	
NA	NA	Nacimiento			2-Stage Production Cement Procedure	
1951'	2022'	Ojo Alamo			Stage 1 Preflush: 10 bbls FW+2 gal GW-3L @ 8.45 ppg, 2 bbls FW	
2058'	2147'	Kirtland	Teledrift 320' to TD Drill out from under surface with directional tools		Scavenger Premium Lite w/ 3% CaCl, 0.25 pps Cello-Flake, 5 pps LCM-1, 0.4% FL-52 and 0.4% SMS 20 sks 11 ppg 17.89 gal/sk 58.0 cu.ft 3.02 cu.ft/sk	
2318'	2455'	Fruitland			Production String 1 4-1/2" Float Shoe (Gemoco) 1 4-1/2" Float Collar (Gemoco) 427 feet 4-1/2" 11.6#, L-80 LT&C 10 feet 4-1/2" 11.6#, L-80 LT&C marker jt @ 150' above the Graneros 3794 feet 4-1/2" 11.6#, L-80 LT&C 10 feet 4-1/2" 11.6#, L-80 LT&C marker jt @ the Huerfano Bentonite 3173 feet 4-1/2" 11.6#, L-80 LT&C to surface 16' 4-1/2" x 7-7/8" tandem rise bowspring centralizers 1 on shoe jt, then 1 every 4th jt f/bottom to 4579' TMD 2 4-1/2" x 7-7/8" tandem rise bowspring centralizers 1 on joint below stage tool and 1 on joint above stage tool (if stage tool is used) 29' 4-1/2" x 7-7/8" tandem rise bowspring centralizers 1 every fourth joint and 1 inside the 6-5/8" shoe	
2510'	2682'	Pictured Cliffs		Start to Pre-treat before drig Fruitland @ 2,350' w/ 20% LCM, continue to carry 10% LCM through Pictured Cliffs, shake out of system once below the PC	Lead Premium Lite w/ 3% CaCl, 0.25 pps Cello-Flake, 5 pps LCM-1, 0.4% FL-52 and 0.4% SMS 200 sks 12.1 ppg 11.29 gal per sk 424.7 cu.ft 2.13 cu.ft/sk 50%	
2591'	2778'	Lewis	6-1/2" 7-8 lobe, 5.0 stg, 0.28 rev/gal, slick Hunting motor		Tail Type III cmt: w/ 1% CaCl, 0.25 pps Cello-Flake and 0.2% FL-52 250 sks 14.60 ppg 6.64 gal per sk 341 cu.ft 1.38 cu.ft/sk Top of Tail @ 5930.96 ft. TMD	
2933'	3183'	Huerfano Bentonite			Stage 2 Preflush: 10 bbls FW, 20 bbls MC	
3387'	3720'	Chacra		GPM range for motor 400-450 GPM	Scavenger: Premium Lite w/ 3% CaCl, 0.25 pps Cello-Flake, 5 pps LCM-1, 0.4% FL-52 and 0.4% SMS 20 sks 11 ppg 17.89 gal/sk 56.0 cu.ft 3.02 cu.ft/sk	
4177'	4564'	Massive Cliff House		If losses occur, stop drilling, cure losses w/45 vis gel w/ LCM in closed system and regain circulation before drilling ahead	Lead: Premium Lite FM w/ 8% bwoc bentonite, 3% CaCl, 0.25 pps Cello-Flake, 5 pps LCM-1, 0.4% FL-52A and 0.4% SMS 770 sks 12.1 ppg 11.29 gal per sk 1828.5 cu.ft 2.13 cu.ft/sk 50%	
4208'	4595'	Menelee			Mudlogg from 6,980' (TMD) to TD Muddloggers will be Softrock (970-247-8868)	
4631'	5018'	Stage Tool			No open hole logs.	
4761'	5168'	Point Lookout				
4078'	5465'	Mancos	Cliffhouse 10-15K WOB 60-70 RPM Rotary			
4803'	6190'	Gallup				
4693'	7080'	Greenhorn				
4749'	7136'	Graneros				
4805'	7192'	Two Wells	BHA: 6, 6" DC's & 19 jts. HWDP while running 506ZX PDC bit	@ TD make wiper trip to drill collars		
4896'	7283'	Upper Cubero				
4928'	7315'	Lower Cubero				
5002'	7389'	Encinal				
5126'	7307'	Est. Bottom of Perfs				
5182'	7414'	Total Depth				

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repared: 12/12/2007

Prepared: Ben Tolman- Drilling Engineer

Reviewed:

Approved: Ed Jackson - Drilling Superintendent