

RCVD DEC 12 '07

submitted in lieu of Form 3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OIL CONS. DIV.

DIST. 3

Sundry Notices and Reports on Wells

1. Type of Well
GAS

2. Name of Operator

BURLINGTON
RESOURCES

3. Address & Phone No. of Operator

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

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

Unit I (NESE), 1790' FSL & 740' FEL, Sec. 34, T30N, R10W, NMPM

5. Lease Number
USA NM-06738

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

8. Well Name & Number

Sanchez 3F

9. API Well No.

30-045-34451

10. Field and Pool

Basin Dakota

11. County and State
San Juan 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 - Depth for intermediate

13. Describe Proposed or Completed Operations

CHANGE OF PLANS:

Burlington Resources requests to change the intermediate casing setting depth from the APD approved depth of 2755 to 4453. In addition we will be using both the 7" 20# J-55 casing and 7" 23# J-55. This change is needed because we are anticipating a wet cliffhouse. Please see attached cement program. Verbal approval given by Troy Salyers 12/07/07.

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

Signed Sasha Spangler Sasha Spangler Title Regulatory Technician Date 12/07/07

(This space for Federal or State Office use)

APPROVED BY Troy L Salyers Title Petroleum Engineer Date 12/11/2007

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

NMOCB
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BURLINGTON RESOURCES

Well Name: Sanchez 3F AFE#
Formation: DK New Drill WAN.CDR 7232
Location: T - 30 N R - 10 W Sec.: 34 Network # 10195958
Footage: 1790' FSL & 740' FEL
County: San Juan State: New Mexico
Rig: H&P 281 API #: 30-045-34451
APD/BLM 10/22/07 Lease # :USA NM-06738 AFE \$580,514
GL: 6,039' OCD Phone #: 334-6178 Est. Cost/ft: \$86.15
KB: 6,055' BLM Phone #: 599-8908 Like Kind Cost \$616,231
TD: 7,153' EST DAYS: 9

San Juan Division - Drilling Program

In case of Major Emergency Call 911
Give the following information to Operator:
Well Name: Sanchez 3F County: San Juan
Latitude: 36 degrees, 45.9805'N State: New Mexico
Longitude: 107 degrees, 51.93' W (NAD 83)
From the Post Office in Blanco, NM, Go west on Hwy 64 for .15 miles, Turn right (northwesterly) on Hwy 575 for 3.8 miles, Turn right (northeasterly) 0.5 miles, Turn (easterly) 0.3 miles, Turn right (southerly) 0.05 miles, to the newly staked location twinned on existing well pad, Sanchez 3B

Environmental, Health & Safety
"A minute of thought is worth more than an hour of talk" - Author Unknown
Goal 0 0 0 0 0
Actual (11/14/07) 25 5 11 27 125
* TRIR - Total Recordable Incident Rate per 200,000 man-hours
Environmental Goals:
- Zero Spills on Location
- Remove Trash from Roads and Locations
Sanchez 3B, twin (Ptik. 2001, 0.5 mi. NW): No problems with surface. circulated 9 bbls to surface with 100% excess. Drilled intermediate hole with 8-3/4" bit and water with polymer. TD @ 2930'. Tight hole during short trip from 2875' to 2640', 5-40K overpull. Ran and cmt'd 7" csg @ 2926'. No problems with cement job. circulated 47 bbls to pit. 125% excess. Air drilled 6-1/4" production hole to TD of 5209' (WOB 2-4K, air pressure 550psi @ 2100 CFM, ROP 90"/hr). Ran 4 1/2" liner to TD. TOL was 2617'. Cmt'd in single stage with 40% excess.
Sanchez 3M (MV/DK, 2005, 0.5 mi. NW): Drilled 12 1/4" Surface hole to 220'. Ran and cmt'd 9 5/8" csg and circ 1 bbl to pit. Drilled 8 3/4" hole to 4341'. No problems. Ran 7" csg to 4320' unable to wash down any further. Cmt'd csg and circ 52 bbls to pit. 125% excess. Air drilled 6 1/4" production hole to 7025' TD. Ran and cmt'd 4 1/2" csg @ 7019'. 40% excess. Overlap of 320'.
Kelly #4M (MV/DK, 2001, 0.5 mi. NE): Drilled surface hole to 236', ran and cmt'd 9 5/8" csg and circ 16 bbls to pit. Drilled 8 3/4" intermediate hole with HTC GT 09C bit, (14, 14, 8), to TD of 3010'. Made a wiper trip and experienced a very tight hole. Ran and cmt'd 7" csg @ 3006' and circ 60 bbls to pits with 125% excess. Air drilled production hole to 7012' and had to switch over to mud system due to wet hole. Mud drilled to 7425' TD. ROP slowed to 4 ft/hr over the last 200ft. No drag experienced while tripping. Ran and cmt'd 4 1/2" csg @ 7422' with 40% excess and overlap of 200'.
This well is close to the wet cliffhouse line.

Geology		0	Hydraulics	Drig Fluids	Cement	Analysis	Materials	
Stage Tool	216'		12 1/4"	Spud	Type III cement with 3% CaCl2 and 1/4 pps Cello-Flake		1 Wood Group wellhead 1 Wellhead trash cap 216 feet 9-5/8" 32.3# H-40 STC 1 9-5/8" sawtooth guide shoe	
	1310'	Ojo Alamo	Baker 8-3/4" PDC 506ZX 5 x 13 jets 15-30K WOE Spin Top Drive 70 RPM	Drill out from under surface w/ clean faze keeping M/W as low as possible 8.4-8.8 ppg. Keep water loss less than 12 above. Nacimiento then -8 to TD. Sweep w/ gel and fiber as needed. Start mud up 200' from intermediate TD. If losses occur mix gel to 45 vis w/ 35% LCM in closed system.	262 sks 1.28 cu ft/sk 335 cu ft 5.77 gal/sk 15.2 ppg Excess 200% PF: 20 bbls mudflush. Top of tail is planned at 3562 Lead: Premium Lite FM + 3% CaCl + 0.25pps Celloflake + 5 pps LCM-1 + 8% Bentonite + 0.4% Sodium Metacillate + 0.4% FL-52A 557 sks 1187 cu ft Density 12.1 ppg Yield 2.13 cu ft/sk Mix Water 11.29 gal/sk Tail: Type III Cement + 1% Calcium Chloride + 0.25pps Celloflake + 0.2% FL-52A 97 sks 134 cu ft Density 14.6 ppg Yield 1.38 cu ft/sk Mix Water 6.64 gal/sk 178.2 bbls displacement	Praset by Mole NONE	3 Bow Type Centralizers 1 Wooden Plug for Displacement if Mo-Te sets 1 7" float shoe flapper type (Gemoco) 42 feet Shoe Joint 7" 23.0#, J-55 LT&C 1 7" float collar flapper type (Gemoco) 411 feet 7", 23.0#, J-55 LT&C 4000 feet 7", 20.0#, J-55 ST&C to surface	
	1435'	Kirtland						Centralizers:
	1920'	If needed						6 7" x 8-3/4" bow type every other joint off bottom 2 7" x 8-3/4" turbo centralizers at base of the Ojo Alamo 1 7" x 8-3/4" bow type in bottom of surface csg
	2220'	Fruitland						Casing total: 4000 feet 7", 20.0#, J-55 ST&C w/ 150' extra 603 feet 7", 23.0#, J-55 LT&C w/ 150' extra
	2515'	Pic. Cliffs						1 4-1/2" Float Shoe (Gemoco) 1 4-1/2" Ft Clir w/ Insert & Latch in Wiper Plug
	2655'	Lewis						
	3235'	Huerfanito Bent	Back Ream each connection					
	3539'	Chacra						
	4202'	Massive Cliff Hou						
4303'	Menefee			500+ GPM				
4453'	Int TD							
4815'	Massive Pt Lookou	6-1/4" New Marquis CV462& Halco hammer			Excess Cement: 40%	Mud Logs Mud fogs 100' from Greenhorn.		
5163'	Mancos Shale				PF 10 bbls Chemwash, 2 bbls freshwater		6900 feet 4-1/2" 10.5#, J-55 ST&C 253 feet 4-1/2" 11.6#, J-55 LT&C to Surface	
6050'	Gallup	2 - 4K WOE 30-40 RPM Slow ROP	Nitrogen/Air: 400-500 psi 1800-2200 SCFM Use N2 membrane		Tail: Premium Lite HS FM + 0.25pps Cello-Flake, 0.3% CD-32, 6.25pps LCM-1, 1% FL-52A 208 sks 411 cu ft Density 12.5 ppg Yield 1.98 cu ft/sk Mix Water 9.80 gal/sk 113.7 bbls, displace	Open-Hole Logs: None	Centralizers: 7 total 4-1/2" x 6-1/4" bow spring One every other joint for first 12 joints then 1 in the 7" shoe	
6778'	Greenhorn	before drilling into the top of Greenhorn					Marker Joints: 1 10' marker joint 150' above Graneros & 1 10' marker joint @ Huerfanto Bentonite	
6835'	Graneros						Casing total: 6900 feet 4-1/2", 10.5#, J-55, ST&C 403 feet 4-1/2" 11.6#, J-55 LT&C w/ 150' extra	
6895'	Two Wells	Reduce WOE to 2,000 & RPM to 25				Notify Phoenix Service to acquire deviation survey at rig down. Phone # 325-1125	If mud drilling is necessary, deepen TD by ~100', run 40' shoe it and 4-1/2" x 6-1/4" centralizers as shown above to the base of the 7" casing	
6975'	Paguate							
7031'	Upper Cubero							
7150'	Est. PBD				Add 25lb. bag of sugar to 1st 10 bbls of displacement			
7153'	TD(Encinal Top)				If mud drilled, use 50% excess factor			