

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

**RCVD DEC 7 '07
OIL CONS. DIV.**

Sundry Notices and Reports on Wells

DIST. 3

1. **Type of Well**
GAS

RECEIVED

5. **Lease Number**
I-149-IND-7971
6. **If Indian, All. or**
Tribe Name
ALLOTTED
7. **Unit Agreement Name**

2. **Name of Operator**

DEC 03 2007

CONOCOPHILLIPS COMPANY

Bureau of Land Management
Farmington Field Office

3. **Address & Phone No. of Operator**

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

8. **Well Name & Number**

9. **Mudge Federal #2**
API Well No.

30-045-33290

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

10. **Field and Pool**

Basin Fruitland Coal

Unit A (NENE), 11415' FNL & 690' FEL, Sec. 31, T26N, R11W, NMPM

11. **County and State**
San Juan Co., NM

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

Type of Submission

Type of Action

☒ Notice of Intent ☐ Abandonment ☒ Change of Plans
☐ Subsequent Report ☐ Recompletion ☐ New Construction
☐ Final Abandonment ☐ Plugging ☐ Non-Routine Fracturing
 ☐ Casing Repair ☐ Water Shut off
 ☐ Altering Casing ☐ Conversion to Injection

☒ Other -drilling plans changed

13. Describe Proposed or Completed Operations

The subject well was permitted in 2005 and our drilling procedures have changed since then. We are proposing to change the casing and cement design and follow our Master Drilling Plan on this well. This is an Example 2 well of the master plan. See attached Project Proposal for the new setting depths and cement volumes.

CONDITIONS OF APPROVAL
Adhere to previously issued stipulations.

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

Signed Patsy Clugston Patsy Clugston Title Sr. Regulatory Specialist Date 9/27/07

(This space for Federal or State Office use)

APPROVED BY Troy L. Salvors

Title Petroleum Engineer

Date 12/6/07

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 4

PROJECT PROPOSAL - New Drill / Sidetrack

MUDGE FED 2

DEVELOPMENT

Lease:		AFE #: WAN.CNV.5137		AFE \$: 210,000.13	
Field Name: NEW MEXICO-WEST		Rig: Aztec Rig 580		State: NM	County: SAN JUAN
Geologist:		Phone:		Geophysicist:	
Geoscientist: Brain, Ted H.		Phone: 832-486-2592		Prod. Engineer: Fontenot, Jessie C	
Res. Engineer: Harrington, Tim R.		Phone: 832-486-2207		Phone: +1 832-486-3483	
Proj. Field Lead:				Phone:	

Primary Objective (Zones):

Zone	Zone Name
R20001	FRUITLAND COAL(R20001)

Location: Surface Datum Code: NAD 27

Latitude: 36.448670	Longitude: -108.038130	X:	Y:	Section: 31	Range: 011W
Footage X: 690 FEL	Footage Y: 1145 FNL	Elevation: 6203	(FT)	Township: 026N	
Tolerance:					

Location Type: Year Round	Start Date (Est.): 1/1/2007	Completion Date:	Date In Operation:
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Formation Data: Assume KB = 6219	Units = FT
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Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	120	6099	<input type="checkbox"/>			8-3/4 hole. 7" 20.0 ppf, J-55, STC casing. Circulate cement to surface. Cement with 50 cuft.
OJAM	194	6025	<input type="checkbox"/>			Possible water flows.
KRLD	284	5935	<input type="checkbox"/>			
FRLD	1159	5060	<input type="checkbox"/>			Possible gas.
PCCF	1239	4980	<input type="checkbox"/>	200		Possible gas.
Total Depth	1399	4820	<input type="checkbox"/>			6-1/4" hole. 4 1/2", 10.5 ppf, J-55, STC Casing. Circulate cement to surface. Cement with 215 cuft.

Reference Wells:

Reference Type	Well Name	Comments
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Logging Program:

Intermediate Logs: ☐ Log only if show ☐ GR/ILD ☐ Triple Combo

TD Logs: ☐ Triple Combo ☐ Dipmeter ☐ RFT ☐ Sonic ☐ VSP ☒ TDT

Additional Information:

Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks
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Comments: Zones - Drilling Mud Program:

Surface: spud mud

Intermediate: fresh water mud with bentonite and polymer as needed

Centralizer Program:

Surface: centralizers placed 10' above the shoe latched over a stop collar and at the top of the 2nd, 3rd, & 4th joints

Intermediate: centralizers placed 10' above the shoe latched over a stop collar and at the top of the 2nd, 4th, 6th, 8th, & 10th joints

Turbolizers placed one per joint from the top of the Ojo Alamo to the top of the Kirtland Shale

PROJECT PROPOSAL - New Drill / Sidetrack**MUDGE FED 2****DEVELOPMENT**

General/Work Description - Notify Aztec OCD 24 hrs prior to casing & cement KR

Project moved from 2008 to 2007 to get drilled. 6/11/07 - LM

Subtask were recompleted back to APD approval. see attached documentation 6/11/07 - LM

Drill and complete a 160 acre Fruitland Coal well. Estimate TD = 1379. 2/16/07 moved to 2008 due to title issues. wfp.

6/4/07 un-do subtasks back to Company Ownership due to dedication wrong (wfp).