

submitted in lieu of Form 3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells 20

1. Type of Well
GAS

2. Name of Operator
MERIDIAN OIL

3. Address & Phone No. of Operator
PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. Location of Well, Footage, Sec., T, R, M
910' FSL, 1665' FWL, Sec.27, T-25-N, R-7-W, NMPM

5. Lease Number
SF-078878

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name
Canyon Largo Unit

8. Well Name & Number
Canyon Largo U NP #172

9. API Well No.
30-039-20403

10. Field and Pool
Basin Fruitland Coal/
Ballard Pictured Cliffs

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 Back
☐ Casing Repair
☐ Altering Casing
☐ Other -

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut off
☐ Conversion to Injection

13. Describe Proposed or Completed Operations

It is intended to plug and abandon the subject well according to the attached procedure and wellbore diagram.

RECEIVED
AUG 2 1 1995
OIL CON. DIV.
DIST. 3

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

Signed [Signature] (ROS3) Title Regulatory Administrator Date 8/14/95

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date _____

CONDITION OF APPROVAL, if any:

APPROVED

AUG 17 1995
DISTRICT MANAGER

AMCOO

PERTINENT DATA SHEET

8/13/95

WELLNAME: Canyon Largo Unit NP #172	DP NUMBER: 44277B PROP. NUMBER: 071156701																																
WELL TYPE: Basin Fruitland Coal	ELEVATION: GL: 6970' KB: 6980'																																
LOCATION: 910' FSL 1665' FWL SW Sec. 27, T25N, R7W Rio Arriba County, New Mexico	INITIAL POTENTIAL: AOF 279 MCF/D SICP: N/A PSIG																																
OWNERSHIP: GWI: 100.000000% NRI: 85.000000%	DRILLING: SPUD DATE: 08-04-71 COMPLETED: 01-13-72 TOTAL DEPTH: 2757' PBTD: 2622' COTD: 2622'																																
CASING RECORD: <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="text-align: left;">HOLE SIZE</th> <th style="text-align: left;">SIZE</th> <th style="text-align: left;">WEIGHT</th> <th style="text-align: left;">GRADE</th> <th style="text-align: left;">DEPTH</th> <th style="text-align: left;">EQUIP.</th> <th style="text-align: left;">CEMENT</th> <th style="text-align: left;">TOC</th> </tr> </thead> <tbody> <tr> <td>12-1/4"</td> <td>8-5/8"</td> <td>24.0#</td> <td>J-55</td> <td>142'</td> <td>-</td> <td>90 sx</td> <td>surface</td> </tr> <tr> <td>6-3/4"</td> <td>2-7/8"</td> <td>6.4#</td> <td>J-55</td> <td>2757'</td> <td>-</td> <td>135 sx</td> <td>1610' (TS)</td> </tr> <tr> <td>Tubing</td> <td>1-1/4"</td> <td>2.4#</td> <td></td> <td>2607'</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p style="margin-top: 10px;">Pinned collar on bottom, 78 jts 1-1/4", 2.4#, IJ, 10rd, tbg set at 2607' (No Seating Nipple).</p>		HOLE SIZE	SIZE	WEIGHT	GRADE	DEPTH	EQUIP.	CEMENT	TOC	12-1/4"	8-5/8"	24.0#	J-55	142'	-	90 sx	surface	6-3/4"	2-7/8"	6.4#	J-55	2757'	-	135 sx	1610' (TS)	Tubing	1-1/4"	2.4#		2607'			
HOLE SIZE	SIZE	WEIGHT	GRADE	DEPTH	EQUIP.	CEMENT	TOC																										
12-1/4"	8-5/8"	24.0#	J-55	142'	-	90 sx	surface																										
6-3/4"	2-7/8"	6.4#	J-55	2757'	-	135 sx	1610' (TS)																										
Tubing	1-1/4"	2.4#		2607'																													
FORMATION TOPS: <table style="width: 100%; margin-top: 10px;"> <tr> <td style="width: 60%;">Nacimiento</td> <td style="text-align: right;">268'</td> </tr> <tr> <td>Ojo Alamo</td> <td style="text-align: right;">1965'</td> </tr> <tr> <td>Kirtland</td> <td style="text-align: right;">2083'</td> </tr> <tr> <td>Fruitland</td> <td style="text-align: right;">2430'</td> </tr> <tr> <td>Pictured Cliffs</td> <td style="text-align: right;">2612'</td> </tr> </table>		Nacimiento	268'	Ojo Alamo	1965'	Kirtland	2083'	Fruitland	2430'	Pictured Cliffs	2612'																						
Nacimiento	268'																																
Ojo Alamo	1965'																																
Kirtland	2083'																																
Fruitland	2430'																																
Pictured Cliffs	2612'																																
LOGGING: IES, FDC-GR, Diff. Temp., Temp. Survey																																	
PERFORATIONS (PC) 2640' - 46', w/16 holes, 2654' - 66', 2675' - 81', 2689' - 95', w/18 SPZ, Total 70 holes (FTC) 2469' - 74', 2488' - 96', 2508' - 10', 2521' - 22', 2549' - 50', 2553' - 54', 2588' - 91', 2600' - 08', w/2 SPF, Total 46 holes.																																	
STIMULATION: (PC) 1st Stg: Frac w/13,000# sand @ 1 1/4# per bbl. Dropped 18 balls when bradenhead started making fluid. 2nd Stg: Frac w/30,000# 10/20 sand and 28,162 gal. wtr. Dropped 3 set of 18 balls, flushed w/1092 gal. wtr. (FTC) Frac w/54,000# 20/40 sand and 528,000 SCF Nitrogen.																																	
WORKOVER HISTORY: Nov. '89: Plug back PC and recompleat to FTC. Set CIBP @ 2622'. PT csg, failed. Inj. wtr. down csg, obtained circ thru bradenhead. Hole @ 161'. Backed off csg below csg failure. Located hole @ 242'. Backed off @ 302'. PT csg to 3200 psi, for 15 min - OK. CO to 2622'. Perf. TOO H w/RBP & PKR. Swab. Frac. TIH w/78 jts, 1-1/4" tbg, set @ 2607', pinned collar on bottom (No Seating Nipple).																																	
<table style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> PRODUCTION HISTORY: Cumulative as of April 95: Gas 9.3 MMcf Oil 0 Bbl Current Rate: Gas 0 Mcfd Oil 0 Bopd </td> <td style="width: 50%; vertical-align: top;"> DATE OF LAST PRODUCTION: Nov., 1992 Gas 0.2 Mcf/D Oil 0 bbl/D </td> </tr> </table>		PRODUCTION HISTORY: Cumulative as of April 95: Gas 9.3 MMcf Oil 0 Bbl Current Rate: Gas 0 Mcfd Oil 0 Bopd	DATE OF LAST PRODUCTION: Nov., 1992 Gas 0.2 Mcf/D Oil 0 bbl/D																														
PRODUCTION HISTORY: Cumulative as of April 95: Gas 9.3 MMcf Oil 0 Bbl Current Rate: Gas 0 Mcfd Oil 0 Bopd	DATE OF LAST PRODUCTION: Nov., 1992 Gas 0.2 Mcf/D Oil 0 bbl/D																																
PIPELINE: EPNG																																	

PLUG AND ABANDONMENT PROCEDURE

8-7-95

Canyon Largo Unit NP #172
Fruitland Coal
SW Sec. 27, T25N, R7W
Rio Arriba County, New Mexico

Note: All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures.

1. Install and/or test rig anchors. Prepare blow pit. Comply to all NMOC, BLM and Meridian safety rules and regulations.
2. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line to flow back tank. Blow well down; kill with water as necessary. ND wellhead and NU BOP and stripping head; test BOP. POH and LD 78 jts of 1-1/4" tubing, (2607', Pinned collar on bottom, no seating nipple).
3. Install cementing valve. Open bradenhead valve. Establish rate down 2-7/8" casing with 15 bbls water, record pump rate and pressure. Monitor bradenhead for flow. If no flow or blow, then pump 10 7/8" RCN balls (total of 48 perforations) in additional water and monitor pressure, rate and volumes pumped, to confirm perforations taking water and there is not a casing leak. If bradenhead flows water or there are other indications of a casing leak, then use 1-1/4" tubing to plug well.
4. **Plug #1 (Fruitland Coal perforations, Kirtland and Ojo Alamo tops, 2608' - 1000'):** Establish rate into Fruitland Coal perforations with water. Mix and pump 53 sx Class B cement (20% excess) and bullhead down 2-7/8" casing from surface; displace inside casing with water to 1000' to cover Fruitland Coal perforations, Kirtland and Ojo Alamo tops. Shut in Fruitland Coal casing valve and WOC. RU A-Plus wireline truck. RIH with wireline gauge ring and tag top of cement. POH with wireline. Pressure test 2-7/8" casing to 500#.
5. **Plug #2 (Surface):** Perforate 2 squeeze holes at 318'. Establish circulation out bradenhead valve. Mix approximately 77 sx Class B cement and pump down 2-7/8" casing, circulate good cement out bradenhead valve. Shut in well and WOC.
6. ND BOP and cut off well head below surface casing flange. Install P&A marker with cement to comply with regulations. RD, MOL and cut off anchors. Restore location per BLM stipulations.

Recommended:


Operations Engineer

Approval:

Production Superintendent

Canyon Largo Unit NP #172

CURRENT

Basin Fruitland Coal

SW Section 27, T-25-N, R-7-W, Rio Arriba County, NM

Today's Date: 8/7/95
Spud: 8/4/71
Completed: 1/13/72
Re-Completed: 11/22/89

12-1/4" hole

8-5/8", 24.0#, J-55, 8rd, Csg set @ 142',
Cmt w/90 sx (Circulated to Surface)

Nacimiento @ 268'

WORKOVER HISTORY

9/71: While fracing bradenhead started flowing; casing leak at 807'; cut off casing at 982', ran patch and fraced.

6/72: Ran 83 joints 1-1/4" 7.4# NU tubing set at 2667'.

11/89: Pull 1-1/4" tubing; set CIBP at 2622', pressure test casing ok, Perf and frac Ft. Coals, run 1-1/4" tubing and land at 2607'.

TOC @ 1610' (TS)

Ojo Alamo @ 1965'

Kirtland @ 2083'

78 jts, 1-1/4", 2.4#, IJ, 10rd, tbg @ 2607',
(Pinned Collar on bottom, No Seating Nipple)

Fruitland @ 2430'

Pictured Cliffs @ 2612'

Fruitland Coal Perforations:
2469' - 2600', Total 46 holes

CIBP @ 2622'

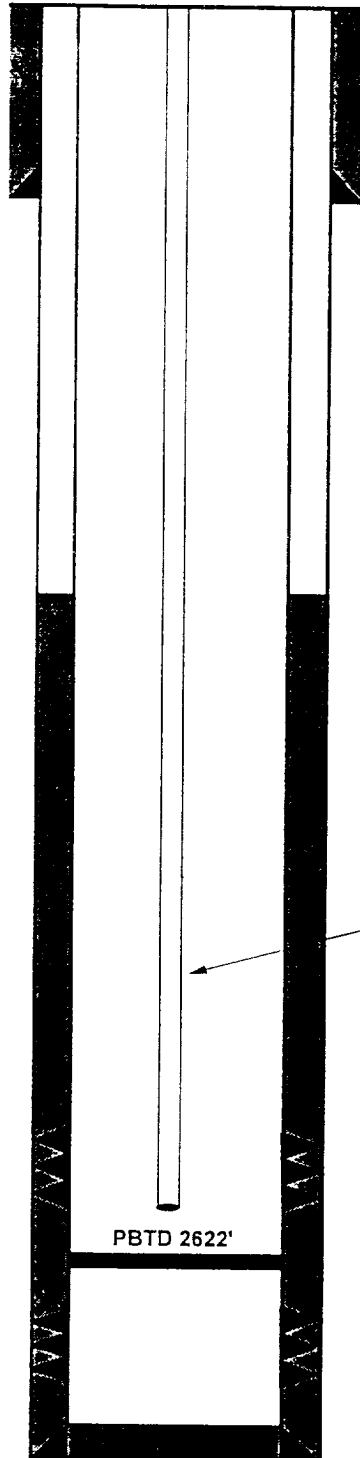
Pictured Cliffs Perforations:
2640' - 2695', Total 70 holes

PBTD 2622'

6-3/4" hole

2-7/8", 6.4#, J-55, 10rd, Csg set @ 2757',
Cmt w/135 sx

TD 2757'



Canyon Largo Unit NP #172

PROPOSED P&A

Basin Fruitland Coal

SW Section 27, T-25-N, R-7-W, Rio Arriba County, NM

Today's Date: 8/7/95
Spud: 8/4/71
Completed: 1/13/72
Re-Completed: 11/22/89

