

submitted in lieu of Form 3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

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
990'FNL, 990'FWL, Sec.24, T-25-N, R-6-W, NMPM

5. Lease Number
SF-078879
6. If Indian, All. or
Tribe Name
7. Unit Agreement Name
Canyon Largo Unit
8. Well Name & Number
Canyon Largo U #53
9. API Well No.
30-039-05950
10. Field and Pool
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 & abandon the subject well according to the attached procedure & wellbore diagram.

RECEIVED
SEP 2 9 1994
OIL CON. DIV.
DIV. 3

RECEIVED
SEP 30 AM 10:04
070 FARMINGTON, NM

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

Signed Raymond B. Stachul (ROS3) Title Regulatory Affairs Date 8/22/94

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date _____

CONDITION OF APPROVAL, if any:

APPROVED
AS AMENDED

SEP 2 7 1994
By: STEPHEN M. M
DISTRICT MANAGER

NMOCD

PERTINENT DATA SHEET

WELLNAME: Canyon Largo Unit #53				DP NUMBER: 49006A PROP. NUMBER: 007972000																					
WELL TYPE: Ballard Pictured Cliffs				ELEVATION: GL: 6869' KB: 6882'																					
LOCATION: 990' FNL 990' FWL Sec. 24, T25N, R7W Rio Arriba County, New Mexico				INITIAL POTENTIAL: AOF 2,410 MCF/D SICP: June, 1985 141 PSIG																					
OWNERSHIP: GWI: 85.5905% NRI: 72.0807%				DRILLING: SPUD DATE: 07-05-54 COMPLETED: 07-19-54 TOTAL DEPTH: 2872' PBTD: 2835' COTD: 2835'																					
CASING RECORD:																									
<u>HOLE SIZE</u>	<u>SIZE</u>	<u>WEIGHT</u>	<u>GRADE</u>	<u>DEPTH</u>	<u>EQUIP.</u>	<u>CEMENT</u>	<u>TOC</u>																		
13-3/4"	9-5/8"	32.3#	H-40	177'	-	150 sx	surface																		
8-3/4" ?	7"	20.0#	J-55	2872'	-	150 sx	1989' (75%)																		
Tubing	1-1/4"	2.4#	WP-55	2761'																					
Ran 83 jts 1-1/4" 2.4#, WP-55, NU, IJ, Wheeling tbg set @ 2761'. Bottom 10' perf'd w/2-1/4" holes/ft w/"tbg stop" welded above top perf.																									
FORMATION TOPS:																									
	Nacimiento	350'																							
	Ojo Alamo	1880'																							
	Kirtland	2098'																							
	Fruitland	2394'																							
	Pictured Cliffs	2674'																							
LOGGING: ES-GRL, ML, RL																									
PERFORATIONS: 2673' - 2697', 2759' - 2776'																									
STIMULATION: Sand-Oil Frac #1 (Zone 2759 - 2776) L-W Pkr set @ 2787', Johnston Pkr @ 2712'. Filled tbg w/DO, broke fmtn w/5 bbls from 1400# - 1100#, mixed 2500# sand w/2500 gal. diesel & followed w/28 BDO flush. Max. Pr. 2500# & Pkr started leaking. FL 1000# Sand-Oil Frac #2 (Zone 2673 - 2697) Raised tbg and set L-W Pkr @ 2708' w/Johnston Pkr @ 2633'. Broke fmtn w/5 BDO from 2500# - 1800#. Mixed 2500# sand w/2500 gal. DO & followed w/36 BDO flush. Max. Pr. 1900/800# broke to 1400/800#. FP 600#																									
WORKOVER HISTORY: 7/13/55 - 7/16/55 Re-Frac: Mixed 20,000# Sd w/20,000 gal DO, flushed w/140 BDO. Broke fmtn at 1400#. Max. Pr. 1350/1400. FP 1050/1000. 6/9/73 Pulled 88 jts 2-7/8" tbg. Ran 83 jts 1-1/4" 2.4#, WP-55, NU, IJ, 10rd, Wheeling tbg, set @ 2761. Bottom 10' perf'd w/2-1/4" holes/ft w/"tbg stop" welded above to perf.																									
<table style="width: 100%; border: none;"> <tr> <td style="width: 20%;">PRODUCTION HISTORY:</td> <td style="width: 10%;"><u>Gas</u></td> <td style="width: 10%;"><u>Oil</u></td> <td style="width: 20%;">DATE OF LAST PRODUCTION:</td> <td style="width: 10%;"><u>Gas</u></td> <td style="width: 10%;"><u>Oil</u></td> </tr> <tr> <td>Cumulative as of May 94:</td> <td>1.69 Bcf</td> <td>0 MBbl</td> <td>Feb., 1991</td> <td>0.79 Mcf/D</td> <td>0 bbl/D</td> </tr> <tr> <td>Current Rate:</td> <td>0 Mcfd</td> <td>0 Bopd</td> <td></td> <td></td> <td></td> </tr> </table>								PRODUCTION HISTORY:	<u>Gas</u>	<u>Oil</u>	DATE OF LAST PRODUCTION:	<u>Gas</u>	<u>Oil</u>	Cumulative as of May 94:	1.69 Bcf	0 MBbl	Feb., 1991	0.79 Mcf/D	0 bbl/D	Current Rate:	0 Mcfd	0 Bopd			
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PIPELINE: EPNG																									

PLUG & ABANDONMENT PROCEDURE

Canyon Largo Unit #53
Ballard Pictured Cliffs
NW Section 24, T-25-N, R-07-W
Rio Arriba Co., 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 test location rig anchors. Prepare blow pit. Comply to all NMOCD, BLM, and MOI regulations.
2. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line. Blow down well and kill with water as necessary. ND wellhead and NU BOP. Test BOP.
3. POH and tally 1-1/4" tubing (83 jts bottom 10' perforated w/2-1/4" holes/ft w/"tbq stop" welded above top perf. @ 2761'). PU and RIH with 7" casing scraper to PBTD at 2835'; POH and LD.
4. **Plug #1 (Pictured Cliffs top):** PU 7" cement retainer and set at 2644'; pressure test tubing to 1000#. Establish a rate into perforations with water. Mix 55 sx Class B cement and squeeze 51 sx below retainer from 2776' to 2644', then spot 4 sx above retainer from 2644' to 2624'. POH above cement and spot water to 2444'.
5. **Plug #2 (Fruitland top):** Mix and spot a balanced plug from 2444' - 2344' using 29 sx Class B cement. POH above cement and spot water to 2148'.
6. **Plug #3 (Kirtland top):** Mix and spot a balanced plug from 2148' - 2048' using 29 sx Class B cement. POH above cement and spot water to 1930'.
7. **Plug #4 (Ojo Alamo and Kirtland tops):** Perforate 2 holes at 1930'. PU 7" cement retainer and set at 1880'. Establish a rate into perforations with water. Mix 66 sx Class B cement, squeeze 26 sx outside pipe below retainer from 1930' to 1830', squeeze 20 sx inside pipe below retainer from 1930' to 1880', and spot 20 sx inside pipe above retainer from 1880' to 1830'. POH above cement and spot water to 227'. POH with setting tool.
8. **Plug #5 (Surface):** Perforate 2 holes at 400'. Establish circulation out bradenhead valve. Mix approximately 137 sx Class B cement and pump down 7" casing, circulate good cement out bradenhead valve. Shut in well and WOC.
9. ND BOP and cut off well head below surface casing. Install P&A marker to comply with regulations. RD, MOL, cut off anchors, and restore location.

Recommended:


Operations Engineer

Approval:

Production Superintendent

Canyon Largo Unit #53

CURRENT

Ballard Pictured Cliffs

Section 24, T-25-N, R-7-W, Rio Arriba County, NM

Today's Date: 7/27/94

Spud: 7/5/54

Completed : 7/19/54

Nacimiento @ 350'

13-3/4" hole

9-5/8" 24# H-40 Csg set @ 177'
Cmt w/150 sx (Circulated to Surface)

Ojo Alamo @ 1880'

Top of Cmt @ 1989' (75% efficiency)

Kirtland @ 2098'

Fruitland @ 2394'

Pictured Cliffs @ 2674'

83 jts 1-1/4", 2.4#, WP-55, NU, IJ, Wheeling tbg
set @ 2761', Bottom 10' perf'd w/2-1/4" holes/ft
w/"tbg stop" welded above top perf.
Perforations 2673' - 2697', 2759' - 2776'

PBTD 2835'

8-3/4" hole

TD 2872'

7" 20.0# J-55 set @ 2872'
Cmt w/150 sx

Canyon Largo Unit #53

PROPOSED

Ballard Pictured Cliffs

Section 24, T-25-N, R-7-W, Rio Arriba County, NM

Today's Date: 8/8/94

Spud: 7/5/54

Completed : 7/19/54

Nacimiento @ 350'

Ojo Alamo @ 1880'

Kirtland @ 2098'

Fruitland @ 2394'

Pictured Cliffs @ 2674'

