

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, 1650'FEL, Sec.22, T-27-N, R-3-W, NMPM

5. Lease Number

Jic Contract 94

6. If Indian, All. or

Tribe Name

Jicarilla Apache

7. Unit Agreement Name

8. Well Name & Number

Jicarilla 94 #1

9. API Well No.

30-039-07016

10. Field and Pool

Gavilan Pictured Cliffs/

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 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 workover the subject well and add pay to the Pictured Cliffs zone according to the attached procedure and wellbore diagram. After the workover the well will be commingled. A down-hole commingling order has been applied for with the New Mexico Oil Conservation Division.

RECEIVED
JAN 25 1995
OIL CON. DIV.
BUREAU

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

Signed [Signature] (CAN9) Title Regulatory Affairs Date 12/29/94

(This space for Federal or State Office Use)
APPROVED BY [Signature] Title Chief, Lands and Mineral Resources

CONDITION OF APPROVAL, if any: _____ Date JAN 24 1995

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JICARILLA 94 #1
Unit B, Section 22, T27N, R03W
Recommended Recompletion Procedure
Pictured Cliffs Pay Add & Completion

Inspect location and install and/or test rig anchors. Install 1 - 400 bbl rig tank and fill w/ 2% KCl water. Approximately 199 jts. 2-3/8" 4.7# J-55 tubing will be required (MOI, District Tools) for cleanout and production. Comply with all BLM, NMOCD, Jicarilla Apache, and MOI rules and regulations. Notify engineering when work has commenced. Hold Safety Meetings on a regular basis.

*******All vendors/service companies on location will be responsible for protection of the environment, any questions call _____ at ____ - _____.*******

1. Install 1 X 400 bbl frac tanks and fill with 380 bbls 2% KCl water.
2. Hold Safety Meeting. MIRU. Place fire and safety equipment in easily accessible locations. NU relief line and blooie line to laydown flow tank. Obtain and record all wellhead pressures.
3. Blow down tubing. If tubing will not blow down, kill well with KCl water. ND WH, NU BOP. PBTD is 6250'.
4. TOOH with 3984'(PC) laydown then 6197'(MV) of 2-3/8" 4.70# tubing (Pluck Model D @ 5700'), CO to COTD (6250') visually inspect and tally tubing.
5. RU wireline. RIH with 7-5/8" 24# gauge ring to 4065' then RIH with 5-1/2" 15.5# gauge ring to 5720' and check pipe. PU 7-5/8" Retrievable bridge plug, TIH and set bridge plug at 3870'. Dump 2 sx sand on RBP. Run GR - CBL - CCL in 7-5/8" casing from bridge plug to Surface pipe (Estimated TOC at 3470' by Temp. Survey). Good TOC must be above 3700' to continue. Evaluate GR - CBL - CCL and send copy to production engineering.
6. TIH w/ pkr and one stand 2-7/8" tbg. Pressure test pkr and one stand 2-7/8" tbg, RBP, and casing to 3000 psi. for 15 min. If pressure test fails, prepare to test and repair casing. Contact Production Engineering and a casing repair will be submitted. TOOH with pkr and one stand 2-7/8" tbg.

Pictured Cliffs Stimulation:

7. Select-Fire Perf. the following intervals w/ 3-1/8" HSC -3125-306, 12 gram Owen charges 0.31" holes w/ 12.02 " penetration, 2 spf - 180° phasing:

3756' - 3850'. (30 Holes) Actual settings for Select-Fire will be picked prior to giving the logs to the Perforating Company.
8. RD wireline. TIH w/ pkr and 2-3/8" tbg and set pkr at +/-3700'.
9. RU stimulation company. Hold Safety Meeting. Pressure test surface treating lines to 5000 psi. **Maximum STP during acid job is 4000 psi.** Pump 1,000 gals 15% HCl w/additives (DAD) at a rate of 5-7 BPM, attempt to ball-out the perforations. Drop a total of 50 7/8" RCN ball sealers (1.3sp.gr.) spaced evenly throughout the job. Record rates and pressures while attempting to achieve ball-out.
10. RD stimulation company. Knock off balls w/ pkr, then TOOH w/ pkr and 2-3/8" tbg. TIH w/ pkr and one stand 2-7/8" tbg. RU stimulation company. Prepare to fracture stimulate the Pictured Cliffs.

**Jicarilla 94 #1
Pictured Cliffs Pay-Add**

11. Pressure test surface treating lines to 4000 psi. **Maximum treating pressure is 2800 psi.** Fracture stimulate the PC according to the attached procedure. Flow-back the well immediately using a variable choke manifold. Increase choke size as needed to keep the well from logging off, if possible. When pressures and flow rates allow, TOOH w/ pkr and one stand 2-7/8" tbg.
12. TIH w/ retrieving head and 2-3/8" 4.70# workstring and clean out to the retrievable bridge plug @ 3970' with air until sand and water production is minimal. Obtain flow gauge for the Pictured Cliffs formation. Record flow gauge as the Pictured Cliffs formation only. Latch onto the retrievable bridge plug and TOOH.
13. TIH w/ one joint 2-3/8" 4.7# J-55 tubing, seating nipple, expendable check and 2-3/8" production tubing. Cleanout to 6250' with air. Land tubing @ +/-6200' (50' of rathole) and obtain final flow gauge. ND BOP, NU WH. Contact Production Operations for well tie-in. RD and MOL.

Approved: _____

Drilling Superintendent

Suggested Contacts/Vendors:

Trucking/Water haul:	Dawn Trucking	327-6314
Wireline:	Blue Jet	325-5584
Radioactive Tag:	ProTechnics, Intl	326-7133
Tubing:	MOI, District Tools	326-9826
Stimulation:	Schlumberger, Dowell	325-5096
Packer and RBP:	Mountain States	326-5141
Rig Supervisor:		
Production Oper.:	Bruce Voiles	326-9571
Engineering:	Brian Ault	326-9871 w 326-6613 h

Pertinent Data Sheet - Jicarilla 94 #1

Location: 990' FNL, 1650' FEL, Unit B, Section 22, T-27-N, R-03-W; Rio Arriba County, NM
Lat. 36.563309, Long. 107.128174: GITI

Field: Blanco Mesaverde
Gavilan Pictured Cliffs

Elevation: 7147' GL

TD: 6300'
PBTD: 6250'

Spud Date: 04/25/56

Completed: 06/11/56

DP#: 29192A & B (MV & PC)

Prop. #: 07133700

GWl: 100%

NRI: 87.5%

Casing Record:

<u>Hole Size</u>	<u>Casing Size</u>	<u>Weight & Grade</u>	<u>Depth Set</u>	<u>Cement</u>	<u>Top/Cement</u>
13-3/4"	10-3/4"	32.75# H-40	274'	200 sx	Surface
9-7/8"	7-5/8"	24 & 26.4# H-40, J-55	4150'	150 sx	3470' (TS)
6-3/4"	5-1/2"	15.5 # J-55	6300'	100 sx	5915' (Calc) **

** 5-1/2" liner set @ 6300' and top of liner @ 4084'. Circ. 0 bbl to surface.
Sqz'd liner @ 4084' w/ 175 sx, TOC @ 4078'.

Tubing Record:

<u>Tubing Size</u>	<u>Weight & Grade</u>	<u>Depth Set</u>	<u>PKR</u>	<u>S. N.</u>	<u>GLV's</u>
2-3/8"	4.70# J-55	6197' (MV)	5700'	6169'	1321', 2143'
2-3/8"	4.70# J-55	3984' (PC)		3953'	2963', 3782'

Formation Tops:

Ojo Alamo	3380'
Kirtland	3577'
Pictured Cliffs	3878'
Cliffhouse	5701'
Menefee	5750'
Point Lookout	6030'
Mancos	6270'

Logging Record: Electric Log, Microlog, Gamma Ray - Neutron, TS

Stimulation:

<u>Perfed Mesaverde:</u>	5738' - 6214'
<u>Fraced Mesaverde:</u>	175,000 lbs sand and 175,000 gallons water. (3 Stages)
<u>Perfed Pictured Cliffs:</u>	3880' - 3989'
<u>Fraced Pictured Cliffs:</u>	75,000 lbs sand and 60,000 gallons water.

Transporter: Gas - Williams Field Service
Oil - Gary Williams Energy

Jicarilla 94 #1

Unit B, Sec. 22, T27N, R03W
Lat. 36.563309 Long. 107.128174

Pictured Cliffs Pay Add and Stimulation

CURRENT

PROPOSED

