

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
790'FSL, 990'FEL Sec.27, T-27-N, R-3-W, NMPM

5. Lease Number
Jic Cont 94
6. If Indian, All. or
Tribe Name
Jicarilla Apache
7. Unit Agreement Name

8. Well Name & Number
Jicarilla 94 #6A
9. API Well No.

10. Field and Pool
Gavilan PC/
Blanco MV
11. County and State
Rio Arriba Co, NM

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

Type of Submission

Type of Action

<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injectio
	<input checked="" type="checkbox"/> Other - pay add	

13. Describe Proposed or Completed Operations

The Pictured Cliffs will be perforated and stimulated in the following manner: TOOH w/tbg. Set RBP above existing M perfs. Run CBL to verify TOC. If good top is not seen at least 50' above proposed top PC perf, remedial cmt work will be performed. The PC will be perf'd 3827-3982' and stimulate w/approx 1500 gal acid and fracture stimulated. Run after frac GR log to verify if frac stayed in zone. TIH w/2 3/8" tbg landed @ 6200 Application is being made to NMOCD for commingling. Attached is a procedure and wellbore diagram.

RECEIVED

MAR - 91994

OIL CON. D.D.

DIST.-3

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

Signed [Signature] (BA) Title Regulatory Affairs Date 1/6/94

(This space for Federal or State Office use)

APPROVED BY [Signature] Title Acting Area Manager Date 2/16/94
CONDITION OF APPROVAL, if any:

JICARILLA 94 #6A
Unit P, Section 27, T27N, R03W
Recommended Recompletion Procedure
Pictured Cliffs Pay Add & Completion

Note: Notify BLM (761-8762) and NMOCD (334-6178) 24 hours prior to rig activity.

Inspect location and install and/or test rig anchors. Install 1 - 400 bbl rig tank and fill w/ 2% KCl water. Approximately 203 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.

1. Install 1 X 400 bbl frac tanks and fill with 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. PBTD is 6278'.
4. TOOH with 5634' of 2-3/8" 4.70# tubing, visually inspect and tally tubing.
5. RU wireline. RIH with 4-1/2" 10.5# gauge ring and check pipe. PU Baker Model G Retrievable bridge plug, TIH and set bridge plug at 4200'. Run GR - CBL - CCL in 4-1/2 casing from bridge plug to Surface pipe (Cmt circulated stg1, TOC @ 3750', (TS), stg 2). TOC must be above 3775' to continue. Evaluate GR - CBL - CCL and send copy to production engineering.
6. TIH w/ treesaver. Pressure test treesaver and casing to 3200 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 treesaver.

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:

3827' - 3982'. (22 Holes)

8. RD wireline. TIH w/ treesaver.
9. RU stimulation company. **Hold Safety Meeting.** Pressure test surface treating lines to 5000 psi. **Maximum STP during acid job is 3200 psi.** Pump 1,500 gals 15% HCl w/additives at a rate of 4-6 BPM, attempt to ball-out the perforations. Drop a total of 33 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. TOOH w/ treesaver. RU wireline, run junk basket to knock-off/retrieve as many ballsealers as possible. TIH w/ treesaver. RU stimulation company. Prepare to fracture stimulate the Pictured Cliffs.
11. Pressure test surface treating lines to 5000 psi. **Maximum treating pressure is 3200 psi.** Fracture and tag 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/ treesaver.

**Jicarilla 94 #6A
Pictured Cliffs Pay-Add**

12. TIH w/ retrieving head and 2-3/8" 4.70# workstring and clean out to the retrievable bridge plug @ 4200' with air until sand production is minimal. Obtain pitot gauge for the Pictured Cliffs formation. Record pitot gauge as the Pictured Cliffs formation only. Latch onto the retrievable bridge plug and TOOH.
13. RU wireline, run After-frac Tracer Survey-GammaRay (report if frac stayed in zone, if possible), POOH. RD wireline. Send copy of logs to Production Engineering.
14. TIH w/ one joint 2-3/8" 4.7# J-55 tubing, seating nipple, and 2-3/8" production tubing. Cleanout to 6278' with air. Land tubing @ +/-6200' (64' of rathole) and obtain final pitot gauge. ND BOP, NU WH. Contact Production Operations for well tie-in. RD and MOL.

Approved: _____
Drilling Superintendent

Suggested Vendors:

Wireline:	Blue Jet	325-5584
Radioactive Tag:	ProTechnics, Intl	326-7133
Tubing:	MOI, District Tools	326-9826
Stimulation:	BJ Services	327-6288
Treesaver:	WIT	599-5609
Production Oper.:	Bruce Voiles	326-9571
Engineering:	Brian Ault	326-9871 w 326-6613 h

Jicarilla 94 #6A

Unit P, Sec. 27, T27N, R3W

Pictured Cliffs Pay Add and Stimulation

CURRENT

PROPOSED

8-5/8" 20.0# ST & C CSG
SET @ 337"
CIRC. CMT TO SURFACE

8-5/8" 20.0# ST & C CSG
SET @ 337"
CIRC. CMT TO SURFACE

2-3/8" 4.7# J-55 tubing set @ +/- 5634'

2-3/8" 4.7# J-55 tubing set @ +/- 6200'

OJO ALAMO @ 3280'
(Approx.)

PICTURED CLIFFS @ 3866'
(Main)

LEWIS SHALE @ 3981'

CLIFFHOUSE @ 5665'
MENELEE @ 5748'

PT. LOOKOUT @ 6098'

MANCOS @ 6209'

TOC @ 3750' (TS)

**Proposed Pictured Cliffs
perforations: 3827' - 3982'**

DV tool @ 4098'

Existing
MV PERFS
5686' - 6208'

4-1/2" 10.5# K-55 8RD CSG SET @ 6300'

TD 6300'

TD 6300'