

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

1190'FNL, 790'FWL, Sec.11, T-26-N, R-3-W, NMPM

5. Lease Number

Jic Contract 96

6. If Indian, All. or

Tribe Name

Jicarilla Apache

7. Unit Agreement Name

8. Well Name & Number

Jicarilla 96 #5A

9. API Well No.

30-039-21238

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 recomplete the subject well in the Pictured Cliffs formation according to the attached procedure and wellbore diagram. The Pictured Cliffs will then be commingled with the existing Mesaverde production. Application for down-hole commingling is being made to the New Mexico Oil Conservation Division.

RECEIVED
JAN 18 1995
OIL CON. DIV.
DIST. 2

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

Signed [Signature] (CAN9) Title Regulatory Affairs Date 1/5/95

(This space for Federal or State Office use) [Signature] Title Chief, Lands and Mineral Resources Date JAN 18 1995

APPROVED BY [Signature] Title _____ Date _____

CONDITION OF APPROVAL, if any:
Submit Sundry showing where top of cement is.

④
AHC-1065

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Huerfano Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C
Revised February 21,
Instructions on
Submit to Appropriate District Office
State Lease - 4 C
Fee Lease - 3 C
☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-039-21238	Pool Code 77360/72319	Pool Name Gavilan Pictured Cliffs/Blanco Mesaverde
Property Code 7165	Property Name Jicarilla 96	Well Number 5A
OGRID No. 14538	Operator Name MERIDIAN OIL INC.	Elevation 7056'

¹⁰ Surface Location

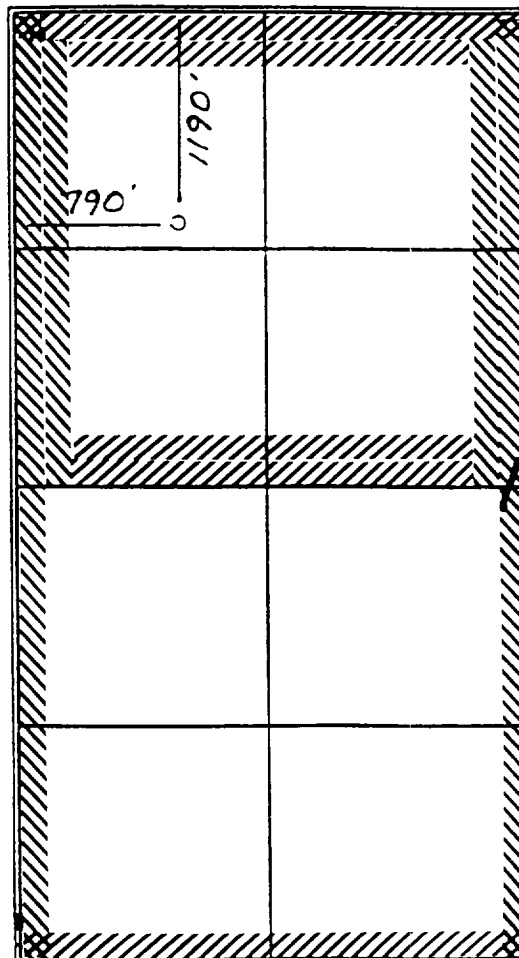
UL or lot no. D	Section 11	Township 26N	Range 3W	Lot Idn	Feet from the 1190	North/South line North	Feet from the 790	East/West line West	County R.A.
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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¹² Dedicated Acres 1/320-160	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	Not resurveyed, prepared from a plat dated 7-31-75 by H.A. Carson.	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature: <i>Peggy Bradfield</i> Printed Name: Peggy Bradfield Title: Regulatory Affairs Date: 1-5-95
		¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this was plotted from field notes of actual surveys made or under my supervision, and that the same is true correct to the best of my belief. 1-5-95 Date of Survey: _____ Signature and Seal of Surveyor: <i>HERE C. EDWARDS</i> Certificate Number: 8857

JICARILLA 96 #5A
Unit D, Section 11, T26N, 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 190 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 tank and fill with 350 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 5940'.
4. TIH, check PBTD, and obtain baseline flow guage if possible. TOOH with 5352' of 2-3/8" 4.70# tubing, visually inspect and tally tubing.
5. RU wireline. RIH with 4-1/2" 10.5# guage ring to 5370' and check pipe. PU 4-1/2" Retrievable bridge plug, TIH and set bridge plug at 3790'. Dump 2 sx sand on RBP. Run GR - CBL - CCL in 4-1/2 casing from bridge plug to Surface pipe (Circ. cmt stg 1, Circ. cmt. stg 2). Good TOC must be above 3600' to continue. Evaluate GR - CBL - CCL and send copy to production engineering.
6. TIH w/ pkr and one stand 2-7/8" buttress tbg. Pressure test pkr and one stand 2-7/8" tbg and casing to 2800 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:

3649' - 3726'. (28 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 +/-3600'.
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 3-5 BPM, attempt to ball-out the perforations. Drop a total of 48 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 96 #5A
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 @ 3790' 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 5940' with air. Land tubing @ +/-5800' (140' 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
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 96 #5A

Location: 1190' FNL, 790' FWL, Unit D, Section 11, T-26-N, R-03-W; Rio Arriba County, NM
Lat. 36-50-45, Long. 107-11-95 GITI

Field: Blanco Mesaverde Elevation: 7056' GL TD: 6000'
Gavilan Pictured Cliffs PBTD: 5940'

Spud Date: 07/18/76

DP#: 29230A (MV)

Completed: 10/13/76

Prop. #: 71337200

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>
12-1/4"	8-5/8"	20# 8rd ST&C	319'	250 sx	Surface
7-7/8"	4-1/2"	10.5# K-55	6000'	1733 sx	* Surface

* Two Stage, w/ DV tool @ 3844'. Stage 1, 765 sx, w/ cmt to surface
Stage 2, 968 sx, w/ 150+ bbls cmt cir.

Tubing Record:

<u>Tubing Size</u>	<u>Weight & Grade</u>	<u>Depth Set</u>
2-3/8"	4.70# J-55	5352'

Formation Tops:

Ojo Alamo (approx.)	3250'
Kirtland (approx.)	3450'
Pictured Cliffs (approx.)	3630'
Lewis (approx.)	3750'
Mesaverde	5349'
Point Lookout	5768'

Logging Record: IEL, Neutron, Caliper, Density, GR

Stimulation: Perfed Mesaverde: 5390' - 5840'
Fraced Mesaverde: 7,500 gal 15% acid, 1,043,000 lbs sand and 318,500 gallons

Transporter: Williams Field Service

Jicarilla 96 #5A

Unit D, Sec. 11, T26N, R03W

Lat. 36 - 50 - 45 Long. 107 - 11 - 95

Pictured Cliffs Pay Add and Stimulation

