

State of New Mexico  
Energy, Minerals and Natural Resources Department  
Oil Conservation Division

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  
1000'FSL, 1550'FEL, Sec.19, T-29-N, R-9-W, NMPM, San Juan County

API # (assigned by OCD)  
30-045-20681

5. Lease Number  
Fee

6. State Oil&Gas Lease #

7. Lease Name/Unit Name  
Lackey

8. Well No.  
3

9. Pool Name or Wildcat  
Aztec Pictured Cliffs

10. Elevation:

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 repair the casing on the subject well according to the attached procedure and wellbore diagram.

RECEIVED  
FEB 16 1995

OIL CON. DIV.  
DIST. 3

SIGNATURE Tom Bradwell (ROS3) Regulatory Affairs February 14, 1995

(This space for State Use)  
Approved by Johnny Robinson Title DEPUTY OIL & GAS INSPECTOR, DIST. #3 FEB 16 1995

# PERTINENT DATA SHEET

<b>WELLNAME:</b> Lackey #3	<b>DP NUMBER:</b> 52373A <b>PROP. NUMBER:</b> 072251801																																
<b>WELL TYPE:</b> Aztec Pictured Cliffs	<b>ELEVATION:</b> <b>GL:</b> 5634' <b>KB:</b> 5645'																																
<b>LOCATION:</b> 1000' FSL          1550' FEL SE Sec. 19, T29N, R9W San Juan County, New Mexico	<b>INITIAL POTENTIAL:</b> AOF      2,931      MCF/D  <b>SICP:</b> June, 1985      265      PSIG																																
<b>OWNERSHIP:</b> <b>GWI:</b> 52.471482% <b>NRI:</b> 43.813687%	<b>DRILLING:</b> <b>SPUD DATE:</b> 07-31-70 <b>COMPLETED:</b> 08-31-70 <b>TOTAL DEPTH:</b> 2165' <b>PBTD:</b> 2155' <b>COTD:</b> 2155'																																
<b>CASING RECORD:</b>  <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>HOLE SIZE</u></th> <th style="text-align: left;"><u>SIZE</u></th> <th style="text-align: left;"><u>WEIGHT</u></th> <th style="text-align: left;"><u>GRADE</u></th> <th style="text-align: left;"><u>DEPTH</u></th> <th style="text-align: left;"><u>EQUIP.</u></th> <th style="text-align: left;"><u>CEMENT</u></th> <th style="text-align: left;"><u>TOC</u></th> </tr> </thead> <tbody> <tr> <td>12-1/4"</td> <td>8-5/8"</td> <td>24.0#</td> <td>KS</td> <td>235'</td> <td>-</td> <td>180 sx</td> <td>surface</td> </tr> <tr> <td>6-3/4"</td> <td>2-7/8"</td> <td>6.4#</td> <td>JS-NU</td> <td>2165'</td> <td>-</td> <td>215 sx</td> <td>893' (75%)</td> </tr> <tr> <td>Tubing</td> <td>1-1/4"</td> <td>2.3#</td> <td>J-55</td> <td>2041'</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p style="text-align: center;">Ran 2 jts (tailpipe), Schlumberger Model AD-1 Packer, 60 jts 1-1/4", 2.3#, J-55, 10rd. tbg set @ 2165'.</p>		<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>	12-1/4"	8-5/8"	24.0#	KS	235'	-	180 sx	surface	6-3/4"	2-7/8"	6.4#	JS-NU	2165'	-	215 sx	893' (75%)	Tubing	1-1/4"	2.3#	J-55	2041'			
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<b>LOGGING:</b> IES, FDC-GR																																	
<b>PERFORATIONS:</b> 2006" - 14', 2026" - 42', w/32 SPZ, Total 64 Holes																																	
<b>STIMULATION:</b> Fraced w/26,000# 10/20 sand, 28,224 gal. wtr., dropped 1 set of 32 balls, flushed w/650 gal. wtr.																																	
<b>WORKOVER HISTORY:</b> June 1990: Emergency WO. Isolated csg failure. Ran 62 jts of 1-1/4", 2.3#, J-55, IJ, 10rd, tbg and Model AD-1 Pkr. Tbg set @ 2041'. Pkr set @ 1973'.																																	
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<b>PIPELINE:</b> EPNG																																	

**Lackey #3  
Aztec Pictured Cliffs  
SE Section 19, T-29-N, R-9-W  
Recommended Casing Repair Procedure**

1. Comply with all NMOC, BLM and Meridian safety and environmental regulations. Test rig anchors and build blow pit prior to moving in rig.
2. MOL and RU workover rig. Blow well down. NU 7-1/16" 3000 psi (6" 900 series) BOP with stripping head. Test and record operation of BOP rams. Kill well with 1% KCL water only if necessary.
3. TOH with 1-1/4" IJ, 2.3#, J-55 tbg (62 jts @ 2041') and Schlumberger Model AD-1 packer (1973') (To release pkr go down, then turn right. Repeat if necessary. May need to push pkr to perms to equalize). Visually inspect tbg for corrosion. TIH with 2-7/8" casing scraper or gauge ring to PBTD at 2155' on 1-13/16" workstring. TOH.
4. TIH with 2-7/8" RBP and 2-7/8" retrievable packer on 1-13/16" workstring and set RBP at approx. 1906' (100' above top of PC perf). Pressure test RBP to 750 psig. Spot 10' of sand on top of RBP. Isolate casing failure and design squeeze cement job as appropriate. Establish a rate into hole with water and attempt to circulate to surface. Make sure bradenhead valve is open and a line is laid to the pit. If casing failure is shallow (1000' or less), bullhead cement down 2-7/8" casing and displace with newspaper wiper plug. If not, set 2-7/8" packer 600' above hole and establish a rate into hole with water. Establish 500 psig on backside. Make sure bradenhead valve is open. Mix and pump cement. Maximum pressure is 750 psig. If cement is circulated to surface, shut in bradenhead valve and squeeze. Displace cement 2 bbls below packer prior to attempting hesitation squeeze. Once squeezed, pull up hole, reverse circulate, and reapply pressure. Hold pressure for 4 hrs. and check for flowback. TOH with packer.
5. WOC 12 hrs. Clean out to below squeeze with 2-1/4" mill or bit. Pressure test to 750 psig. Re-squeeze as necessary.
6. TIH with 2-7/8" casing scraper to below squeeze. TOH. TIH with retrieving tool on 1-13/16" workstring blowing down with gas or air. Retrieve RBP and TOH.
7. TIH with 1-1/4" tubing with a seating nipple one jt off bottom and CO to PBTD at 2155'. Take and record gauges.
8. Land tbg near bottom perforation at 2042'. ND BOP and NU wellhead. Pump off expendable check valve and record final gauges. Return well to production.

Recommended: \_\_\_\_\_



Approved: \_\_\_\_\_

# Lackey #3

## CURRENT

Aztec Pictured Cliffs

1000'FSL, 1550' FEL

SE Section 19, T-29-N, R-09-W, San Juan County, NM

Today's Date: 2-6-95

Spud: 7-31-70

Completed : 8-31-70

12-1/4" hole

8-5/8", 24.0#, KS, 8rd, Csg set @ 235',  
Cmt w/180 sx (Circulated to surface)

Ojo Alamo @ 880'

Kirtland @ 1035'

Top of Cmt @ 893' (75% efficiency)

Fruitland @ 1755'

Pictured Cliffs @ 2018'

6-3/4" hole

Ran 62 jts 1-1/4", 2.3#, IJ 10rd, J-55, tbg  
set @ 2041'

Schlumberger Model AD-1 Pkr @ 1973'

Perforations: 2006' - 14', 2026' - 42',  
w/32 SPZ, Total of 64 holes

2-7/8", 6.4#, JS-NU, 10rd, Csg set @ 2165',  
Baffle @ 2155', cmt w/300 sx

PBTD 2155'

TD 2165'