

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

890'FSL, 1830'FEL, Sec.13, T-26-N, R-11-W, NMPM

5. Lease Number

SF-078937

6. If Indian, All. or  
Tribe Name

7. Unit Agreement Name

8. Well Name & Number

P L Davis #3

9. API Well No.

30-045-20547

10. Field and Pool

Basin Dakota

11. County and State

San Juan 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 and abandon the subject well according to the attached procedure and wellbore diagram.

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

RECEIVED  
MAR - 6 1995  
OIL CON. DIV.  
DIST. 3

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

Signed [Signature] (ROS1) Title Regulatory Affairs Date 2/22/95

(This space for Federal or State Office use)

APPROVED BY \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

CONDITION OF APPROVAL, if any:

APPROVED

MAR 01 1995

DISTRICT MANAGER

NMOCD

# PERTINENT DATA SHEET

<b>WELLNAME:</b> P. L. Davis #3	<b>DP NUMBER:</b> 52307A <b>PROP. NUMBER:</b> 072261200																																
<b>WELL TYPE:</b> Basin Dakota	<b>ELEVATION:</b> GL: 6385' KB: 6397'																																
<b>LOCATION:</b> 890' FSL 1830' FEL SE Sec. 13, T26N, R11W San Juan County, New Mexico	<b>INITIAL POTENTIAL:</b> AOF 620 MCF/D  <b>SICP:</b> May, 1977 934 PSIG																																
<b>OWNERSHIP:</b> GWI: 100.000000% NRI: 70.000000%	<b>DRILLING:</b> SPUD DATE: 08-15-69 COMPLETED: 09-23-69 TOTAL DEPTH: 6485' PBTD: 6454' COTD: 6454'																																
<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>J-55</td> <td>232'</td> <td>-</td> <td>160 sx</td> <td>surface</td> </tr> <tr> <td>7-7/8"</td> <td>4-1/2"</td> <td>10.5#</td> <td>K-55</td> <td>6480'</td> <td>3rd stage @ 1941' 2nd stage @ 4498' 1st stage @ 6480'</td> <td>250 sx didn't open 280 cf</td> <td>620' (TS)  5313' (75%)</td> </tr> <tr> <td>Tubing</td> <td>2-3/8"</td> <td>4.7#</td> <td>J-55</td> <td>6288'</td> <td colspan="3"></td> </tr> </tbody> </table> <p style="text-align: center;">Baker Model "D" Packer @ 6288'. 199 jts 2-3/8". 4.7#, J-55, 8rd. tbg landed at 6288'</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#	J-55	232'	-	160 sx	surface	7-7/8"	4-1/2"	10.5#	K-55	6480'	3rd stage @ 1941' 2nd stage @ 4498' 1st stage @ 6480'	250 sx didn't open 280 cf	620' (TS)  5313' (75%)	Tubing	2-3/8"	4.7#	J-55	6288'			
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<b>PERFORATIONS</b> 6297' - 6305', 6338' - 54', 6414' - 22', w/16 SPZ, Total 48 holes																																	
<b>STIMULATION:</b> Frac w/40.000# 40/60 sand, 44,260 gal. wtr. Flushed w/4330 gal. wtr., dropped 2 sets of 16 balls.																																	
<b>WORKOVER HISTORY:</b> None Completion Note: After fracing found casing leak at 4850', sqz'd w/200 sx cmt, set Model "D" Packer.																																	
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## PLUG & ABANDONMENT PROCEDURE

2-15-95

P. L. Davis #3  
Basin Dakota  
SE Section 13, T-26-N, R-11-W  
San Juan 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. Pull seal assembly with locator latch from Baker Model "D" Packer at 6288'; POH and tally 2-3/8", 4.7#, tubing (199 jts @ 6288'); LD seal assembly and visually inspect the tubing. If necessary, PU 2-3/8" workstring. PU 4-1/2" casing scraper or wireline gauge ring and round trip to 6250'.
4. **Plug #1 (Dakota perforations and Graneros top, 6422' - 6200')**: PU 4-1/2" cement retainer and RIH; set at 6250'. Pressure test tubing to 1000#. Establish rate into Dakota perfs. Mix and pump 34 sx Class B cement, squeeze 26 sx cement below retainer from 6422' to 6250' over Dakota perfs and leave 8 sx above retainer to 6200'. POH to 5377'. Load well and circulate clean. Pressure test casing to 500#.
5. **Plug #2 (Gallup top, 5377' - 5277')**: Mix 12 sx Class B cement and spot a balanced plug from 5377' to 5277' cement inside 4-1/2" casing. POH with tubing and LD setting tool. Pressure test casing to 500#.
6. **Plug #3 (Mesaverde top, 3360' - 3260')**: Perforate 4 squeeze holes at 3360'. Establish rate into squeeze holes if casing tested. PU 4-1/2" cement retainer and RIH; set at 3310'. Establish rate into squeeze holes. Mix and pump 51 sx Class B cement, squeeze 39 sx cement outside casing from 3360' to 3260' and leave 12 sx inside casing. POH to 1823'.
7. **Plug #4 (Pictured Cliffs and Fruitland tops, 1823' - 1478')**: Mix 30 sx Class B cement and set a balanced plug inside casing from 1823' to 1478' to cover the Pictured Cliffs and Fruitland formation tops. POH to 988'.
8. **Plug #5 (Kirtland and Ojo Alamo tops, 988' - 711')**: Mix 25 sx Class B cement and set a balanced plug inside casing from 988' to 711' to cover the Kirtland and Ojo Alamo formation tops. POH and LD tubing and setting tool.

PLUG & ABANDONMENT PROCEDURE

P. L. Davis #3

2-15-95  
Page 2

9. **Plug #6 (Surface):** Perforate 2 squeeze holes at 282'. Establish circulation out bradenhead valve. Mix approximately 81 sx Class B cement and pump down 4-1/2" casing, circulate good cement out bradenhead valve. Shut in well and WOC.
10. BOP and cut off wellhead below surface casing flange. Install P&A marker to comply with regulations. RD, MOL, cut off anchors, and restore location.

Recommended:

  
Operations Engineer

Approval:

\_\_\_\_\_  
Production Superintendent

# P. L. Davis #3

Current

Basin Dakota

SE Section 13, T-26-N, R-11-W, San Juan County, NM

Today's Date: 2/15/95

Spud: 8/15/69

Completed: 9/23/69

12-1/4" hole

8-5/8", 24.0#, 8rd, J-55, Csg set @ 232',  
Cmt w/160 sx (Circulated to Surface)

Top of Cmt @ 620' (TS)

Ojo Alamo @ 761'

Kirtland @ 938'

Fruitland @ 1528'

Pictured Cliffs @ 1773'

DV Tool @ 1941',  
Cmt 3rd stg w/250 sx

Mesaverde @ 3310'

DV Tool @ 4497'  
(did not open)

Csg Leak @ 4850',  
sqz'd w/200 sx cmt

Gallup @ 5327'

Top of Cmt @ 5313' (Calc @ 75%)

Graneros @ 6232'

199 jts, 2-3/8", 4.7#, J-55, 8rd, tbg set @ 6288'

Dakota @ 6339'

Model "D" Pkr @ 6288'

Dakota Perforations: 6297' - 6305',  
6338' - 54', 6414' - 22', w/16 SPZ, Total 48 holes

PBTD 6454'

7-7/8" Hole

TD 6485'

4-1/2", 10.5#, K-55, Csg set @ 6480',  
Cmt w/353 cf

# P. L. Davis #3

## Proposed P & A

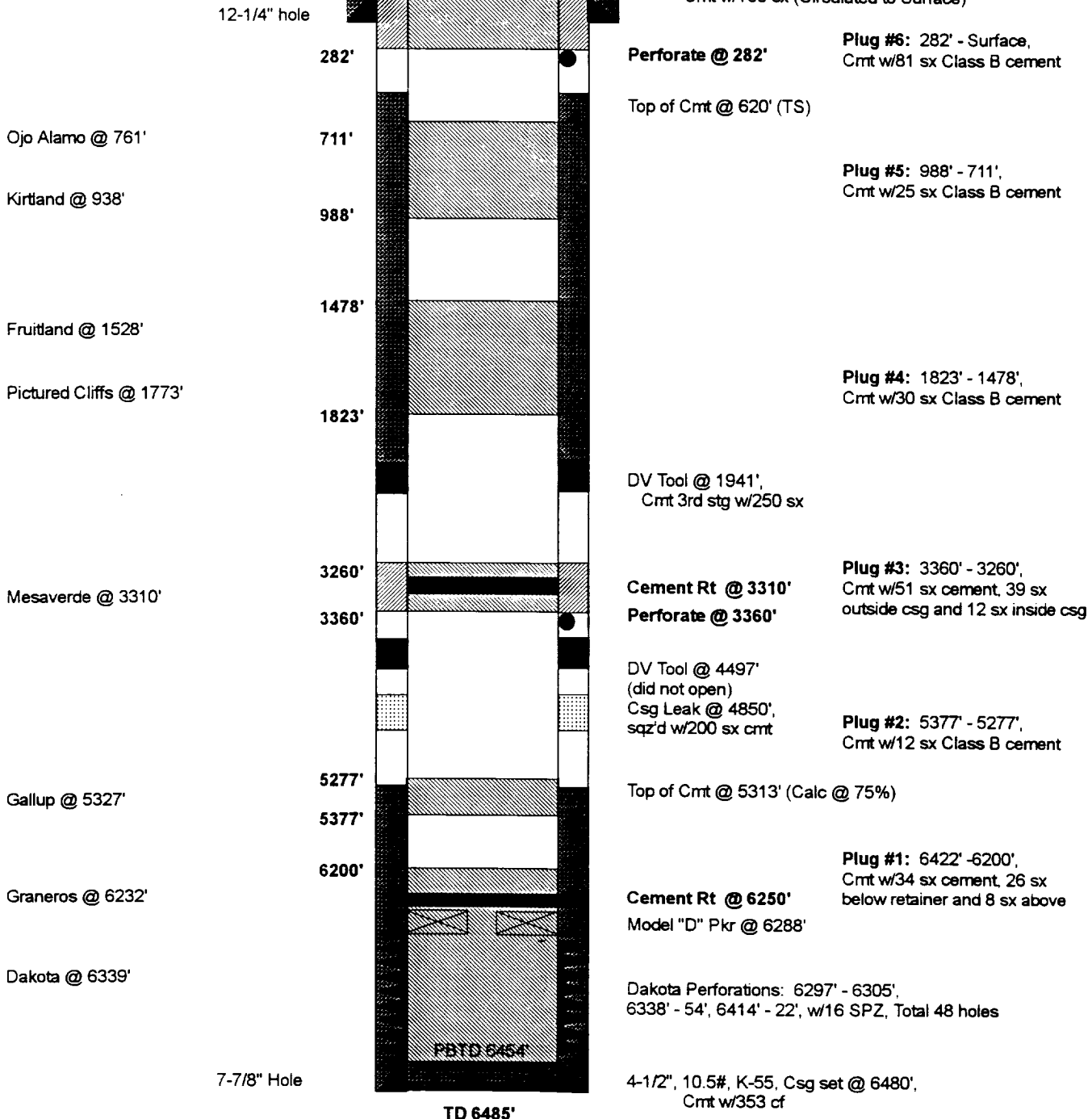
Basin Dakota

SE Section 13, T-26-N, R-11-W, San Juan County, NM

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**UNITED STATES DEPARTMENT OF THE INTERIOR**

**BUREAU OF LAND MANAGEMENT  
FARMINGTON DISTRICT OFFICE**

1235 La Plata Highway  
Farmington, New Mexico 87401

**Attachment to Notice of**

**Re: Permanent Abandonment**

**Intention to Abandon**

**Well: 3 P. L. Davis**

**CONDITIONS OF APPROVAL**

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Leases."
2. **Mike Flaniken** with the Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 599-8907.
3. The following modifications to your plugging program are to be made (when applicable):