

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' FSL, 2400' FWL, Sec.10, T-27-N, R-13-W, NMPM

5. Lease Number
SF-077972

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

8. Well Name & Number
Richardson #6

9. API Well No.
30-045-26065

10. Field and Pool
Wildcat Gallup

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. A procedure will be filed by 5-1-96.

RECEIVED
JAN 19 1996

OIL CON. DEVL
DIST. 3

RECEIVED
FEDERAL ROOM
JAN 16 1996
OIL CON. DEVL, NM

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

Signed [Signature] (LWD1) Title Regulatory Administrator Date 1/16/96

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date _____

CONDITION OF APPROVAL, if any:

NMOCD

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DEPARTMENT OF THE INTERIOR
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Unnamed Gallup

11. County and State
San Juan 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 checked="" 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 Injection
	<input type="checkbox"/> Other -	

13. Describe Proposed or Completed Operations

It is intended to plug and abandon the subject well according to the attached procedure and wellbore diagram.

RECEIVED
MAY - 2 1996

OIL CON. DIV.
BUREAU

RECEIVED
BUREAU OF LAND MANAGEMENT
MAY 2 1996
OIL CON. DIV. NM

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

Signed *David M. Shadwick* (VGW2) Title Regulatory Administrator Date 4/24/96

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date _____

CONDITION OF APPROVAL, if any:

APPROVED

MAY 2 1996
David M. Shadwick
FEDERAL BUREAU OF LAND MANAGEMENT

NMOCD

PLUG & ABANDONMENT PROCEDURE

Richardson #6

DPNO: 32747A

Gallup

Sec. 10, T-27-N, R-13-W, San Juan Co., New Mexico

Lat. / Long.: 108.206711 - 36.585693

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 Meridian safety 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. POH and tally 2-3/8" tubing; visually inspect the tubing. If necessary, PU 2" workstring. Run a 4-1/2" gauge ring or casing scraper to 5200'
4. **Plug #1 (Gallup perforations and top, 5200' - 5150')**: PU and RIH with wireline 4-1/2" bridge plug; set at 5200'. RIH with 2-3/8" tubing (open-ended) to 5200'. Load casing with water and pressure test to 500#. Mix 10 sxs Class B cement and spot a balanced plug inside casing above bridge plug to cover Point Lookout top. PUH to 2397'.
5. **Plug #2 (Cliffhouse top, 2397' - 2297')**: Mix 12 sxs Class B cement and spot a balanced plug inside casing to cover Cliffhouse top. PUH to 1508'.
6. **Plug #3 (Pictured Cliffs top, 1508' - 1408')**: Mix 12 sxs Class B cement and spot a balanced plug inside casing to cover Pictured Cliffs top. PUH to 671'
7. **Plug #4 (Kirtland and Ojo Alamo tops, 671' - Surface)**: Establish circulation out casing valve with tubing at 671'. Mix and pump approximately 51 sxs Class B cement down tubing, circulate good cement out casing valve. POH and LD tubing, WOC.
8. BOP and cut off wellhead below surface casing. Install P&A marker to comply with regulations. RD, MOL, cut off anchors, and restore location.

Recommended: _____
Operations Engineer

Approval: _____
Production Superintendent

Contacts: Operations Engineer Gaye White 326-9875

Richardson #6

Current 4/12296

Gallup

DPNO: 32747A

1190' FSL, 2400' FWL

Unit N, Sec. 10, T27N, R13W, San Juan County, NM

Lat. / Long.: 108.206711 - 36.685693

Spud: 9/13/84
Completed: 4/29/89
Recomp'd: 4/29/89 (Oil well)
Elevation: 6045' (GL)
6058' (KB)
Logs: Dual IGL, CGL, GR
CBL

Ojo Alamo @ Surface

12-1/4 Hole

Kirtland @ 621'

Pictured Cliffs @ 1458'

Mesaverde @ 2347'

Gallup @ 5189'

Greenhorn @ 5947'

Graneros @ 6052'

Dakota @ 6061'

7-7/8" Hole

TD 6356'

8-5/8", 24#, K55 csg. set @ 326'
Cmt. w/230 sxs Class B cmt. w/ 2% CaCl.
Circulate to surface

DV Tool @ 2930'

2-3/8", 4.7#, K55 EUE tbg. set @ 5565'
SN @ 5496' (176 jts.)

Gallup perms @ 5210', 5214', 5218', 5222', 5226', 5230',
5234', 5238', 5270', 5274', 5278', 5351', 5353', 5392',
5394', 5398', 5402', 5406', 5410', 5430', 5433', 5440',
5467', 5480', 5483', 5486', 5530', 5533', 5536', 5539',
and 5542' - 31 Holes - Frac w/150,000# 20/40 sd,
123,438 gl. 30# HPG gel.

4/20/89: Set CR @ 5708', szq Dakota perms w/50 sx
cmt. leave 1/4 barrel cmt. on top of retainer.

10/26/84: CR set @ 6212'

Morrison perms @ 6142' - 6260' - 19 Holes
Frac'd w/61,000 gl. 30# gelled wtr, 86,000# 20/40 sd.

10/13/84: CR set @ 6276'. Cmt/ 50 sx Class B cmt.
under retainer.

Perfs @ 6283' - 6285' - 1 SPF

4-1/2", 10.5#, ST&C csg. set @ 6355'

DV tool @ 2930'

1st Stage: 700 sx 50/50 Poz w/ 2% gel, 10# Gil/sx, tail
w/100 sx 50/50 Poz w/2% gel, 6% Fla and 10# salt/sx
2nd Stage: 650 sx 65/35 Poz w/12-1/4# gil/sx, 4% gel, tail
w/100 sx Class B w/2% CaCl. Circ. 20 bbls. good cmt. to
surface.

Richardson #6

Proposed P&A
Gallup

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6058' (KB)
Logs: Dual IGL, CGL, GR
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Ojo Alamo @ Surface

12-1/4 Hole

Kirtland @ 621'

Pictured Cliffs @ 1458'

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Graneros @ 6052'
Dakota @ 6061'

7-7/8" Hole

TD 6356'

8-5/8", 24#, K55 csg. set @ 326'
Cmt. w/230 sxs Class B cmt. w/ 2% CaCl.
Circulate to surface

Plug #4: 671' - Surface
Cmt. w/51 sxs Class B

Plug #3: 1508' - 1408'
Cmt. w/12 sxs Class

Plug #2: 2397' - 2297'
Cmt. w/12 sxs Class B

DV Tool @ 2930'

Plug #1: 5200' - 5150'
BP @ 5200'
Cmt. w/10 sxs Class B

Gallup perms @ 5210', 5214', 5218', 5222', 5226', 5230', 5234', 5238', 5270', 5274', 5278', 5351', 5353', 5392', 5394', 5398', 5402', 5406', 5410', 5430', 5433', 5440', 5467', 5480', 5483', 5486', 5530', 5533', 5536', 5539', and 5542' - 31 Holes - Frac w/150,000# 20/40 sd, 123,438 gl. 30# HPG gel.

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13. Describe Proposed or Completed Operations

8-6-96 MIRU. ND WH. NU BOP. TOO H w/177 jts 2 3/8" tbgs. TIH w/4 1/2" gauge ring to 5220' TOO H. TIH w/4 1/2" BP, set @ 5190'. TOO H. SDON.

8-7-96 TIH, tag BP @ 5190'. Circ hole clean w/83 bbl wtr. PT csg to 500 psi/5 min, OK. Plug #1: pump 10 sx Class "B" cmt inside csg @ 5058-5190'. TOO H to 2400'. Load hole w/wtr. Plug #2: pump 12 sx Class "B" cmt inside csg @ 2242-2400'. TOO H to 1527'. Load hole w/wtr. Plug #3: Pump 35 sx Class "B" cmt inside csg @ 1111-1527'. TOO H to 686'. Load hole w/wtr. Plug #4: pump 55 sx Class "B" cmt down csg & out bradenhead. Circ 1 bbl cmt to surface. ND BOP. Cut off WH. Fill 4 1/2" csg & 8 5/8" csg annulus w/10 sx Class "B" cmt. Install dry hole marker w/10 sx Class "B" cmt. RD. Rig released. Well plugged and abandoned 8-7-96.

Approved as to plugging of the well bore.
Liability under bond is retained until
surface restoration is completed.

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

Signed *Donna Bradfield* Title Regulatory Administrator Date 8/15/96

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date _____

CONDITION OF APPROVAL, if any: _____

RECEIVED
BLM
96 AUG 15 PM 3:00
070 FARMINGTON, NM

AUG 16 1996
for Duane Spencer