submitted in lieu of Form 3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
BLM

Sundry Notices and Reports on Wells

070 FARMINGTON, NM

1. **Type of Well**
GAS

5. **Lease Number**
SF-078336
6. **If Indian, All. or Tribe Name**
7. **Unit Agreement Name**

2. **Name of Operator**
MERIDIAN OIL

8. **Well Name & Number**
Lindsey #2
9. **API Well No.**
30-045-09760
10. **Field and Pool**
Blanco Mesaverde
11. **County and State**
San Juan Co, NM

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'FNL, 1450'FEL, Sec.11, T-30-N, R-9-W, NMPM

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

Type of Submission	Type of Action	
_X_ Notice of Intent	___ Abandonment	___ Change of Plans
	___ Recompletion	___ New Construction
___ Subsequent Report	___ Plugging Back	___ Non-Routine Fracturing
	___ Casing Repair	___ Water Shut off
___ Final Abandonment	___ Altering Casing	___ Conversion to Injection
	_X_ Other -Bradenhead repair	

13. **Describe Proposed or Completed Operations**

It is intended to repair the bradenhead on the subject well according to the attached procedure and wellbore diagram.

SEE ATTACHED FOR CONDITIONS OF APPROVAL

RECEIVED
AUG 2 8 1995
OIL CON. DIV.
DIST. 3

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

Signed [signature] (LWD5)Title Regulatory Administrator Date 8/14/95

(This space for Federal or State Office use)
APPROVED BY _____ Title _____ Date _____
CONDITION OF APPROVAL, if any:

APPROVED
AUG 23 1995
/s/ Duane W. Spencer
DISTRICT MANAGER

NMOCD

WORKOVER PROCEDURE

LINDSEY # 2
Mesaverde
NE/4 Sec. 11, T30N, R9W
San Juan Co., New Mexico
DPNO 48521A

1. Comply to all NMOCD, BLM, and MOI regulations. Conduct daily safety meetings for all personnel on location.

2. Test location rig anchors and repair if necessary. Prepare blow pit. MOL and RU daylight pulling unit. Install a 400 bbl frac tank and an atmospheric blow tank. NU blooie line to blow pit, and relief line to atmospheric tank. Fill frac tank with 1% KCl water.

3. Blow down tubing (160 jts of 2 3/8", 4.7#, EUE set at 5034') to atmospheric tank. Control well with 1% KCl water as needed. ND wellhead and NU BOP's. Test and record operation of BOP's. Send wellhead to A-1 Machine or WSI for inspection.

4. PU on tubing and strap out of hole. Visually inspect tubing, and replace joints that are in bad condition. Note any buildup of scale, and notify Operations Engineer.

5. PU 4 3/4" bit and scraper (5 1/2", 15.5 ppf) and CO to PBTD of 5068'. POOH. PU 5 1/2" RBP and TIH. Set RBP at 4300'. Load hole and pressure test casing to 1000 psig. Spot two sacks of sand on top of RBP. POOH.

6. RU wireline unit. Run CBL (with 1000 psig pressure) to determine TOC in 5 1/2" by 7" annulus. Estimated TOC is calculated at 2975' (75% efficiency). Also run CBL uphole to determine the BOC from surface squeeze into 5 1/2" by 7" annulus.

7. Perforate 4 squeeze holes at 2700', **through both strings of casing**. TIH with 5 1/2" fullbore packer and set 200' above perforations. Pressure up backside to 500 psi. Establish rate into perforations.

8. Mix and pump Plug # 1. (Plug # 1 - Fruitland and Pictured Cliffs tops: 2300' to 2700' with 100% excess - 100 sxs.) Displace cement to packer and squeeze cement into perforations. Maintain squeeze pressure and WOC 4 hours. POOH with packer.

9. Perforate 4 squeeze holes at 1778', through both strings of casing. TIH with 5 1/2" fullbore packer, set 200' above perforations. Pressure up backside to 500 psi. Establish rate into perforations.

10. Mix and pump Plug # 2. (Plug # 2 - Ojo Alamo and Kirtland tops: 1778' to 1590' with 100% excess - 50 sxs.) Displace cement to packer and squeeze cement into perforations. Maintain squeeze pressure and WOC 12 hours (overnite).

11. Release packer and POOH. TIH with 4 3/4" bit and drill out cement. Pressure test casing to 1000 psig. Re-squeeze as necessary to hold pressure.

12. TIH with retrieving tool and retrieve RBP. POOH and LD RBP.

13. TIH with production tubing (expendable check on bottom and seating nipple one joint off bottom), and CO to PBTD with air. Blow well clean and gauge production. Land tubing at 5035'.

14. ND BOP's and NU wellhead. Pump check from tubing. Obtain final gauge.

15. Release rig.

Recommend: _____
Operations Engineer

Approve: 8/8/95
Drilling Superintendent

Contacts: Operations Engineer Larry Dillon 326-9714

lwd 08/07/95

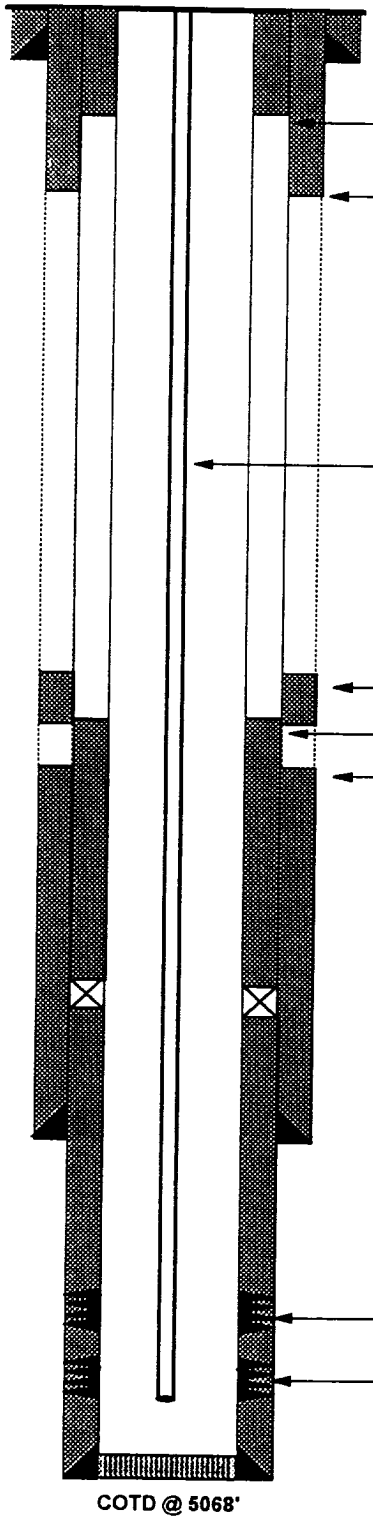
Lindsey #2

Current

Blanco Mesaverde
DPNO 48521A / Prop #: 012563900

790' FNL, 1450' FEL
Unit B, Sec. 11, T30N, R09W, San Juan Co., NM
Longitude/Latitude: 107.745422 - 36.830612

Spud:	3-29-53
Comp:	4-17-53
Workover:	1-27-58
Workover:	6-26-64
Initial AOF:	15,600 Mcf/d
Initial SICP:	293 psig



Elevation: GR 5882'
Surface: 9 5/8", 25.4#, SW Surface csg set @ 175'. Cmt with 150 sx to surf.

6/64: Sqz. 5-1/2" x 7" annulus with 30 sacks cmt.

10/58: Sqz Bradenhead w/400 sacks BOC @ 1100' (CBL)

Ojo Alamo @ 1640'

Kirtland @ 1728'

2 3/8" 4.7# J-55 tubing set @ 5034' below RT w/SN @ 4999'. Total 160 jts. 3" perf jt from 5000'-5003'

Fruitland @ 2353'

Pictured Cliffs @ 2672'

Lewis @ 2762'

6/64: 7" csg. failed PT @ 1946'-1950'. Perf 4 holes @ 2800' and sqz 10 sx to formation.

TOC 5 12" @ 2975' (Calc @ 75% Eff.)

TOC 7" @ 3125' (CBL)

Tieback: 5 1/2", 15.5#, J-55 csg set @ 4200'. Cmt w/91.6 cu. ft

Intermediate: 5 1/2" 23#, J55 csg. set @ 4315'. Cmt. w/300 sx.

Cliff House @ 4362'

Menefee @ 4535'

CH Perfs @ 4432'- 4524' Frac with 40,000# sand & 40,000 gal. water

PL Perfs @ 4764'-5036' Frac with 60,000# sand & 60,000 gal water

Point Lookout @ 4910'

Mancos @ 5014'

Liner: 5 1/2", 15.5#, J55 liner set @ 4202' - 5088'. Cmt w/200 sx. Sqz liner top with 100 sx cmt.

COTD @ 5068'

Production Rates:
Rate: 120 Mcf/d
Cum.: 5.6 cf
Resv.: 441.8 MMcf (Gross)

Lindsey #2

After Workover

Blanco Mesaverde
DPNO 48521A / Prop #: 012563900

790' FNL, 1450' FEL
Unit B, Sec. 11, T30N, R09W, San Juan Co., NM
Longitude/Latitude: 107.745422 - 36.830612

Spud: 3-29-53
Comp: 4-17-53
Workover: 1-27-58
Workover: 6-26-64

Initial AOF: 15,600 Mcf/d
Initial SICP: 293 psig

Ojo Alamo @ 1640'

Kirtland @ 1728'

Fruitland @ 2353'

Pictured Cliffs @ 2672'

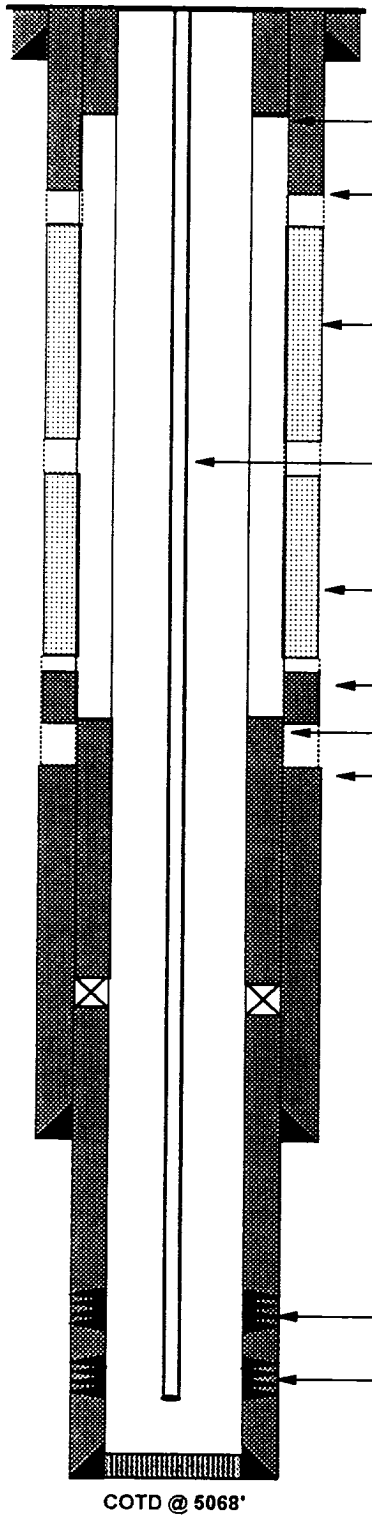
Lewis @ 2762'

Cliff House @ 4362'

Menefee @ 4535'

Point Lookout @ 4910'

Mancos @ 5014'



COTD @ 5068'

Elevation: GR 5882'
Surface: 9 5/8", 25.4#, SW Surface csg set @ 175'. Cmt with 150 sx to surf.

6/64: Sqz. 5-1/2" x 7" annulus with 30 sacks cmt.

10/58: Sqz Bradenhead w/400 sacks BOC @ 1100' (CBL)

Plug #2

2 3/8" 4.7# J-55 tubing set @ 5034' below RT w/SN @ 4999'. Total 160 jts. 3" perf jt from 5000'-5003'

Plug #1

6/64: 7" csg. failed PT 946'-1950'. Perf 4 holes @ 2800' and sqz 10 sx to formation.

TOC 5 12" @ 2975' (Calc @ 75% Eff.)

TOC 7" @ 3125' (CBL)

Tieback: 5 1/2", 15.5#, J-55 csg set @ 4200'. Cmt w/91.6 cu. ft

Intermediate: 5 1/2" 23#, J55 csg. set @ 4315'. Cmt. w/300 sx.

CH Perfs @ 4432'- 4524' Frac with 40,000# sand & 40,000 gal. water

PL Perfs @ 4764'-5036' Frac with 60,000# sand & 60,000 gal water

Liner: 5 1/2", 15.5#, J55 liner set @ 4202' - 5088'. Cmt w/200 sx. Sqz liner top with 100 sx cmt.

Production Rates:
Rate: 120 Mcf/d
Cum.: 5.6 Bcf
Resv: 441.8 MMcf (Gross)

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

Intention to Repair Bradenhead

Re: Bradenhead Repair

Well: 2 Lindsey

CONDITIONS OF APPROVAL

1. **Mike Flaniken** with the Farmington Office is to be notified at least 24 hours before the workover operations commence (505) 599-8907.

2. The following modifications to your bradenhead repair program are to be made (when applicable):

1. Move the Ojo Alamo - Kirtland cement plug from 1778' - 1590' to 1621' - 1349'. (top of Kirtland at 1571', top of Ojo Alamo at 1399')