

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' FNL, 1460' FWL, Sec.3, T-30-N, R-9-W, NMPM

5. Lease Number
SF-081098
6. If Indian, All. or
Tribe Name
7. Unit Agreement Name
8. Well Name & Number
Riddle #2A
9. API Well No.
30-045-21990
10. Field and Pool
Blanco Mesaverde
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 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 checked="" type="checkbox"/> 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.

RECEIVED
JAN 30 1996
OIL CON. DIV.
DIST. 3

RECEIVED
JAN 22 11:10:55
SAN JUAN CO. NM

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

Signed [Signature] (VGW5) Title Regulatory Administrator Date 1/19/96

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date _____

CONDITION OF APPROVAL, if any:

APPROVED

JAN 22 1996
[Signature]
DISTRICT MANAGER

NMOCD

WORKOVER PROCEDURE - BRADENHEAD REPAIR

RIDDLE #2A
Blanco Mesaverde
NW/4 Sec. 3, T30N, R9W
San Juan Co., New Mexico
DPNO 48626A

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 (175 jts. of 2 3/8", 4.7 #, EUE set at 5482') 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 for inspection.
4. TIH with 2 3/8" tubing and tag bottom. Record depth and TOOH. Visually inspect tubing (on trip), and replace joints that are in bad condition. Note any buildup of scale, and notify Operations Engineer. Remove bull plug and perforated sub.
5. PU 3 7/8" bit and casing scraper, and CO liner (4 1/2", 10.23 ppf) to below perms. POOH. PU 4 1/2" RBP and TIH. Set RBP at 4600'. Pressure test casing to 1000 psig. Spot one sack of sand on top of RBP. TOOH with tubing.
6. RU wireline unit. Run CBL (with 1000 psig pressure) to determine TOC behind 7" casing. Estimated TOC is 1990' per temperature survey. Contact Operations Engineer for design of squeeze cement.
7. Perforate 4 squeeze holes 20' above TOC. TIH with 7" fullbore packer and set 150' above perforations. Pressure up casing/tubing annulus to 500 psig. Establish rate into perforations with bradenhead valve open. Max pressure 1000 psig.
8. Mix and pump cement. (If circulation has been established to surface, pump with turbulent flow behind pipe.) Displace cement to packer. Close bradenhead valve and squeeze cement into perforations. Maintain squeeze pressure and WOC 12 hours (overnite).
9. TIH with 6 1/4" bit and drill out cement. Pressure test casing to 1000 psig. Test bradenhead valve for flow. Re-squeeze as necessary to hold pressure, or to stop bradenhead flow.
10. TIH with retrieving tool and retrieve RBP from 4 1/2" liner. POOH and LD RBP. TIH with 3 7/8" bit and CO to PBTD with air. Blow well clean and gauge production. POOH.
11. RIH open ended with 2 3/8" tubing, SN with pump out plug one joint off bottom. Rabbit tubing in derrick before running in hole. Land tubing at 5492'.
12. ND BOP's and NU wellhead. Pump plug from tubing. Obtain final gauge.
13. Release rig.

Recommend: _____
Operations Engineer

Approve: 902 1/18/96
Drilling Superintendent

Contacts: Operations Engineer Gaye White 326-9875

Riddle #2A

Current -- 1/9/96

Blanco Mesaverde
DPNO 48626A

890' FNL, 1460' FWL

Sec. 3, T30N, R9W, San Juan Co., NM
Longitude/Latitude: 36.845032 - 107.771652

Spud: 2-22-76
Completed: 3-25-76
Elevation: 6141' (GL)
6151' (KB)
Logs: IND-GR; CDL-GR; TS
Workovers: None
Behind Compression: B6

Ojo Alamo @ 1626'

Kirtland @ 1746'

Fruitland @ 2596'

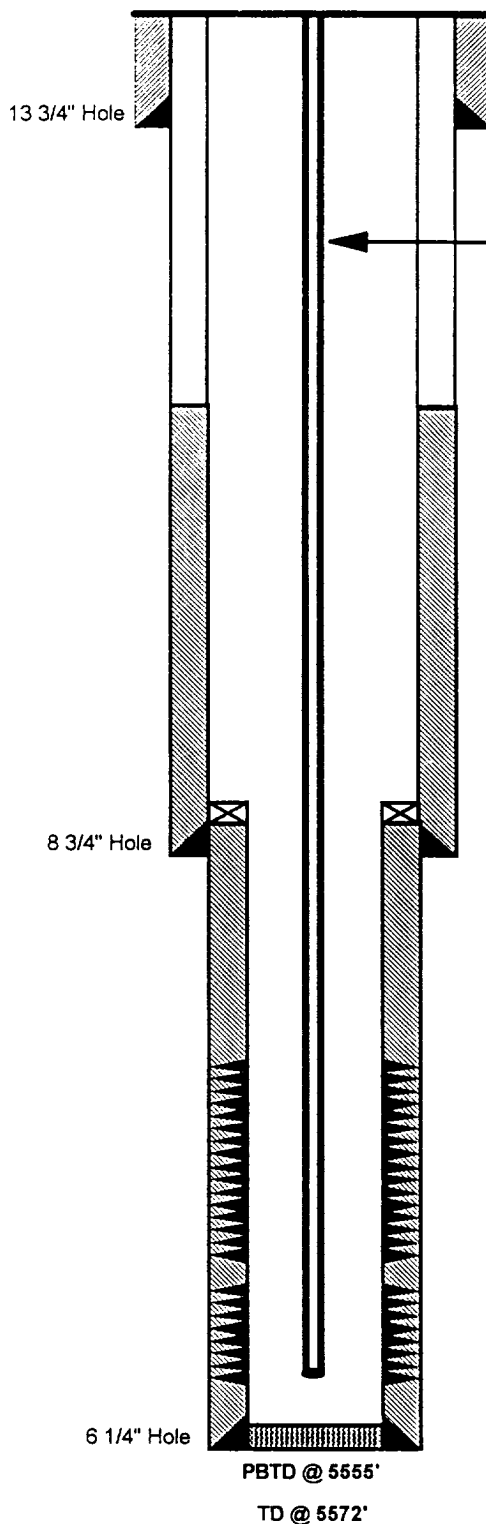
Pictured Cliffs @ 2946'

Lewis @ 3020'

Mesaverde @ 4700'

Point Lookout @ 5170'

Mancos @ 5530'



9 5/8", 32.3#, KS Surface csg set @ 223'.
Circ. 263 cf cmt to surface
(263 cf Class "B" w/1/4" gel flake/sx & 3% CaCl.)

2 3/8", 4.7#, J55, 8rd, EUE Tubing set @ 5482'
(175 jts) (Bull Plug on bottom) (3' Perf pup jt.)
(Common Pump SN @ 5448')

TOC @ 1990' (TS)

Burns Liner Hanger @ 3085'

7", 23#, KE Surface csg set @ 3221'.
Cmt w/356 cf cmt to 1990' (TS)
(106 sxs Class "B" 65/35 Poz w/12% gel & 70
sxs Class "B" w/2% CaCl)

Cliff House/Menefee Perfs @ 4699', 4711',
4721', 4761', 4785', 4794', 4830', 4850', 4862',
4896', 4928', 5031', 5048' w/1 spz

Faced w/27,500# 20/40 sand & 28,690 gal.
water

Point Lookout Perfs @ 5106', 5169', 5183',
5214', 5224', 5234', 5265', 5276', 5301', 5313',
5333', 5409', 5437', 5458', 5492' w/1 spz

Faced w/72,000# 20/40 sand & 72,000 gal.
water

4 1/2", 10.23#, X-52EE Liner set @ 3085' --
5572'. Cmt w/427 cf cmt to 3085' (Rev. out
18 Bbl)
(247 sxs Class "B" w/4% gel, 1/4 cf
gilsonite/sx & .6% D-19)

PBTD @ 5555'

TD @ 5572'

Initial Potential			Production History	Gas	Oil	Ownership	Pipeline
Initial AOF:	2,047 Mcf/d	(3/76)	Cumulative:	1.4 Bcf	6.9 MBo	GW:	100.00%
Initial SICP:	576 psi	(3/76)	Current	255 Mcf/d	0 Bo	NRI:	83.50%
Current SICP:	314 psi	(7/93)				SRC:	00.00%