

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  
1600' FSL, 1050' FEL Sec.3, T-31-N, R-10-W, NMPM

5. Lease Number  
SF-078389

6. If Indian, All. or  
Tribe Name

7. Unit Agreement Name

8. Well Name & Number  
Lucerne A #3A

9. API Well No.

10. Field and Pool  
Blanco Pic.Cliffs

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 checked="" 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 shut off the gas flow out of the bradenhead valve per the attached procedure and wellbore diagram.

RECEIVED  
AUG 24 1993  
OIL CON. DIV.  
DIST. 3

RECEIVED  
BLM  
02 AUG 17 PM 3:46  
OFTO INFORMATION, NM

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

Signed [Signature] (TJM) Title Regulatory Affairs Date 8/16/93

(This space for Federal or State Office use)

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

CONDITION OF APPROVAL, if any:

APPROVED

Date  
AUG 19 1993

DISTRICT MANAGER

NMOCD



**Pertinent Data Sheet - Lucerne A #3A**

**Location:** Unit I - Section 3 - T31N - R10W - San Juan County, New Mexico

**Field:** Blanco Pictured Cliffs

**Elevation:** 6004' GR  
6014' DF

**TD:** 5510'  
**PBTD:** 5493'

**SITP:** 713      **SICP:** 712

**AOF:**      MCFD

**Spud:** 9-13-77

**Completed:** 10-13-77

**DP #:** 53148B PC

**Casing Record:**

<u>Hole Size</u>	<u>Csg Size</u>	<u>Wt. &amp; Grade</u>	<u>Depth Set</u>	<u>Cement</u>	<u>Top/Cement</u>
13 3/4"	9 5/8"	32.3# H-40	238'	190 sxs	Surface/Circ
8 3/4"	7"	20.0# K-55	3222'	230 sxs	TOC @ 825' TS
6 1/4"	4 1/2"	10.5# K-55	3082' - 5510'	245 sxs	Liner Top @ 3082'

7" - Packer @ 3060'.

4 1/2" - Float Collar @ 5493', Bridge Collar @ 5204', Baffle @ 3135', Guide Shoe @ 5246'.

**Tubing Record:**

	<u>Tbg Size</u>	<u>Wt. &amp; Grade</u>	<u>Depth Set</u>	
Pictured Cliffs	1 1/4"	2.33# J-55	2878'	SN @ 2852', Bull Plug @ 2867'.
Pt. Lookout	2 3/8"	4.7# J-55	5429'	SN @ 5393', Bull Plug @ 5429'.

**Formation Tops:**

Ojo Alamo:	1258'
Kirtland:	1300'
Fruitland:	2383'
Pictured Cliffs:	2806'
Mesaverde:	4343'
Point Lookout:	5053'

**Logging Record:** IES, GR-Density, GR-IND, Temp. Survey

**Stimulation:**

**Perf'd:** Pictured Cliffs

2814' - 2822', 2828' - 2834', 2838' - 2856', 2862' - 2868', 2872' - 2882', w/16 SPZ.

**Frac'd:** 60,000# 20/40 sand, 62,370 gal water. Flush w/4900 gal water.  
Dropped 4 sets of 16 balls each.

**Perf'd:** Cliffhouse/Menefee

4487' - 4492', 4558' - 4564', 4580' - 4586', 4642' - 4651', 4661' - 4669', 4684' - 4698',  
4710' - 4728', 4823' - 4841', 4930' - 4940', w/14 SPZ.

**Frac'd:** 80,000# 20/40 sand, 81,100 gal water. Flush w/6230 gal water.  
Dropped 5 sets of 14 balls each.



**LUCERNE A #3A**  
**Pertinent Data Sheet**  
**Page Two**

Perf'd: Upper Point Lookout

5002' - 5012', 5022' - 5040', 5054' - 5064', 5084' - 5098', 5108' - 5137', 5148' - 5164',  
5179' - 5197', w/14 SPZ.

Frac'd: 110,000# 20/40 sand, 110,000 gal water. Flush w/6550 gal water  
Dropped 4 sets of 14 balls each.

Perf'd: Lower Point Lookout

5240' - 5249', 5272' - 5280', 5292' - 5302', 5326' - 5335', 5345' - 5354', 5382' - 5391',  
5443' - 5450', w/14 SPZ.

Frac'd: 50,000# 20/40 sand, 57,000 gal water. Flush w/7000 gal water.  
Dropped 1 set of 14 balls.

**Workover History:**

**Transporter: EPNG**

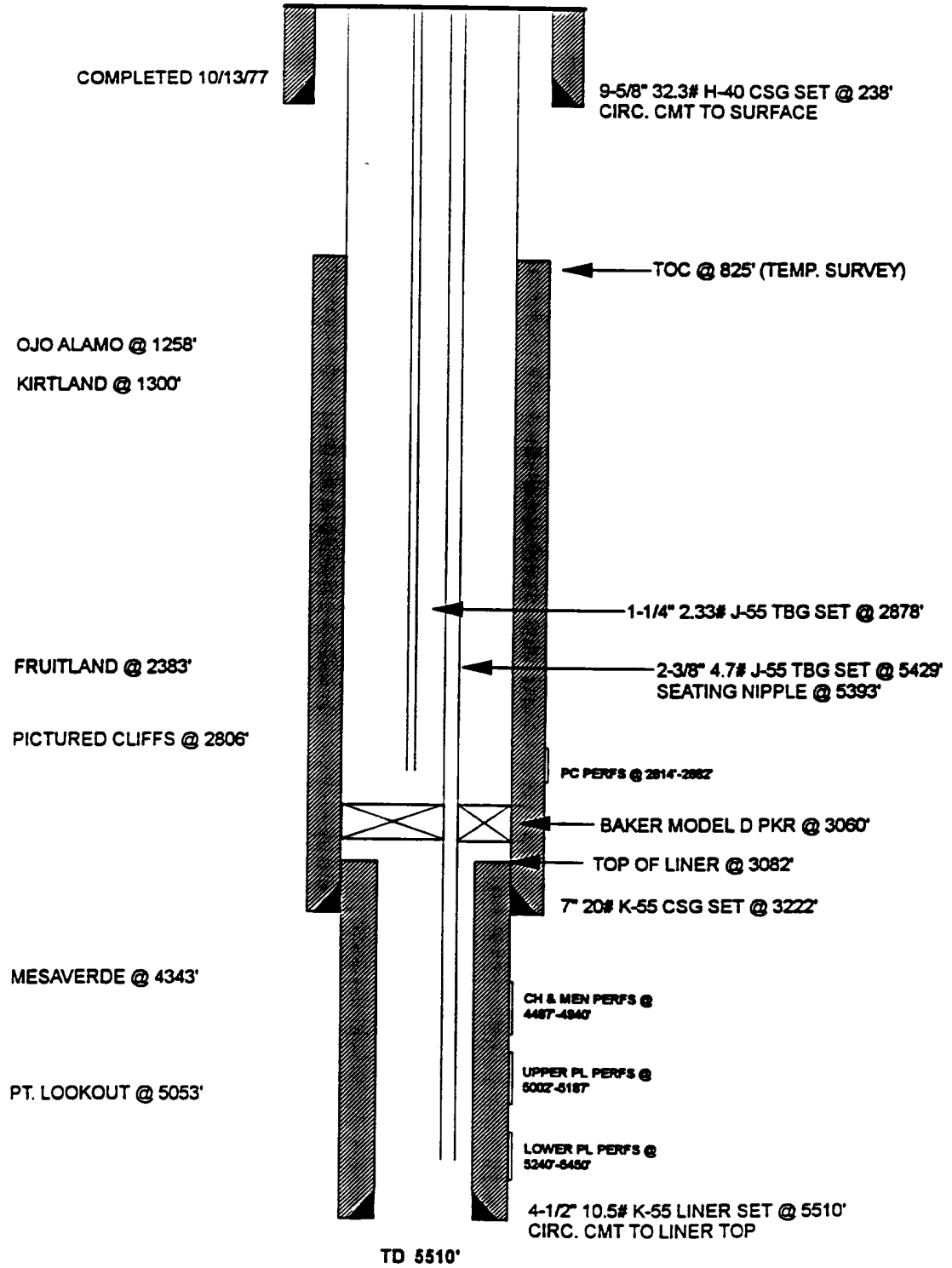


# LUCERNE A #3A

CURRENT

PICTURED CLIFFS/MESAVERDE

UNIT I, SEC 3, T31N, R10W, SAN JUAN COUNTY, NM







**Lucerne A #3A MV/PC  
Repair Procedure  
I Sec 3 T31N R10W  
San Juan County, New Mexico**

1. Comply with all NMOC, BLM, & MOI rules and regulations. Test rig anchors & MI blow pit. MOL and RU completion rig (**DAYLIGHT**). NU adapter flange & BOP with flow tee and stripping head. Test operation of rams. NU blooie line and 2-7/8" relief line. Blow well down. Only if necessary, kill well w/ water.

**NOTE: A 1993 packer test indicated a leak.**

2. PU 1-1/4" tubing and TOH laying down the tbg (2878' - SN @ 2852').
3. Release the Baker Model "D" packer seal assembly and TOH w/ the 2-3/8" tbg (5429' - SN @ 5393').
4. TIH w/ 7" csg scrapper on tested 2-3/8" tubing to 1800'. TOH.
5. TIH w/ 7" retrievable bridge plug on 2-3/8" tbg and set @ 1800'. Load hole. TOH. Dump 1 sx sand on RBP.
6. MI & RU Wireline truck. Run a Cement Bond log from 1750' to Surf. Apply 1000 psi if necessary to clarify bond. Pressure test csg to 1000 psi.
7. Perf 2 SQ holes in 7" csg 50' above the TOC. TIH w/ 2-3/8" tbg. and pkr. to 100' above SQ perfs. Load backside with water. W/ bradenhead valve open and the pipe rams closed establish rate down 2-3/8". If circ can be established w/ bradenhead valve, circ cmt out bradenhead valve. Cmt w/ class "B" w/ 0.6% F.L. additive and 2% CaCl. Max pressure is 1000 psi. Flush cmt w/ water to leave 50' above perfs. Pull 2 stands of pipe and repressurize. Rig down cement crew and wait 4 hours. Check for flow. If there is no flow TOH. Otherwise, test every hour thereafter. If circulation was not established then run a temperature survey and squeeze 50' above TOC.
8. TIH with 6-1/4" bit on 2-3/8" tbg. Drill out cmt w/ air/mist below the squeeze holes & pressure test to 500 psi. Resqueeze if necessary. When pressure test holds, circ sand off RBP @ 1800' w/ air/mist (2% KCL). Retrieve BP. TOH. TIH w/ 3-7/8" bit on 2-3/8" tbg & C.O. to PBTD 5493'. TOH.
9. Run 2-3/8" tbg w/ Model "D" production packer set @ 3060'. Set 2-3/8" tbg @ 5429' w/ S.N. one joint above bottom.
10. Run 1-1/4" tbg. Set @ 2878' w/ S.N. one joint off bottom.
11. Release rig & resume production.

Approve: \_\_\_\_\_  
J. A. Howieson

**VENDORS:**

Wireline:	Schlumberger	325-5006
Cement:	Dowell	325-5096

