

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
1650'FNL, 990'FWL Sec.36, T-28-N, R-10-W, NMPM

SF-077085
5. Lease Number
~~MOO-3266T~~
6. If Indian, All. or
Tribe Name
7. Unit Agreement Name
8. Well Name & Number
Omler #2
9. API Well No.
10. Field and Pool
Fulcher Kutz PC
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 Injectio
	<input type="checkbox"/> Other -	

13. Describe Proposed or Completed Operations

It is intended to repair the casing and fracture treat this well per the attached procedure and wellbore diagram.

RECEIVED
OLM
FEB 16 PM 3:22
FARMINGTON, NM

RECEIVED
FEB 16 1994
OIL CONTROLS
DISTRICT

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

Signed *James Shadwell* (SBD) Title Regulatory Affairs

Date 2/16/94

(This space for Federal or State Office use)

APPROVED BY _____ Title _____

CONDITION OF APPROVAL, if any:

APPROVED
FEB 17 1994
DISTRICT MANAGER

Pertinent Data Sheet - Omler #2

Location: 1650' FNL, 990' FWL, Section 36, T28N, R10W, San Juan County, New Mexico

Field: Fulcher Kutz Pictured Cliffs

Elevation: 5865' DF

TD: 1943'

PBTD: 1943'

Completed: 12-20-54

DP #: 50893A

Spud Date: 10-06-54

Casing Record:

<u>Hole Size</u>	<u>Csg Size</u>	<u>Wt. & Grade</u>	<u>Depth Set</u>	<u>Cement</u>	<u>Top/Cement</u>
10 3/4"	9 5/8"	44.0# J-55	103'	75 sxs	Unknown
	5 1/2"	14.0# J-55	1885'	200 sxs	Unknown

Tubing Record:

<u>Tbg Size</u>	<u>Wt. & Grade</u>	<u>Depth Set</u>
1"		1895'

Formation Tops:

Ojo Alamo:	895'
Kirtland:	1020'
Fruitland:	1573'
Pictured Cliffs:	1882'

Logging Record:

Stimulation:

Open Hole Frac: Sand/Oil frac.

Workover History:

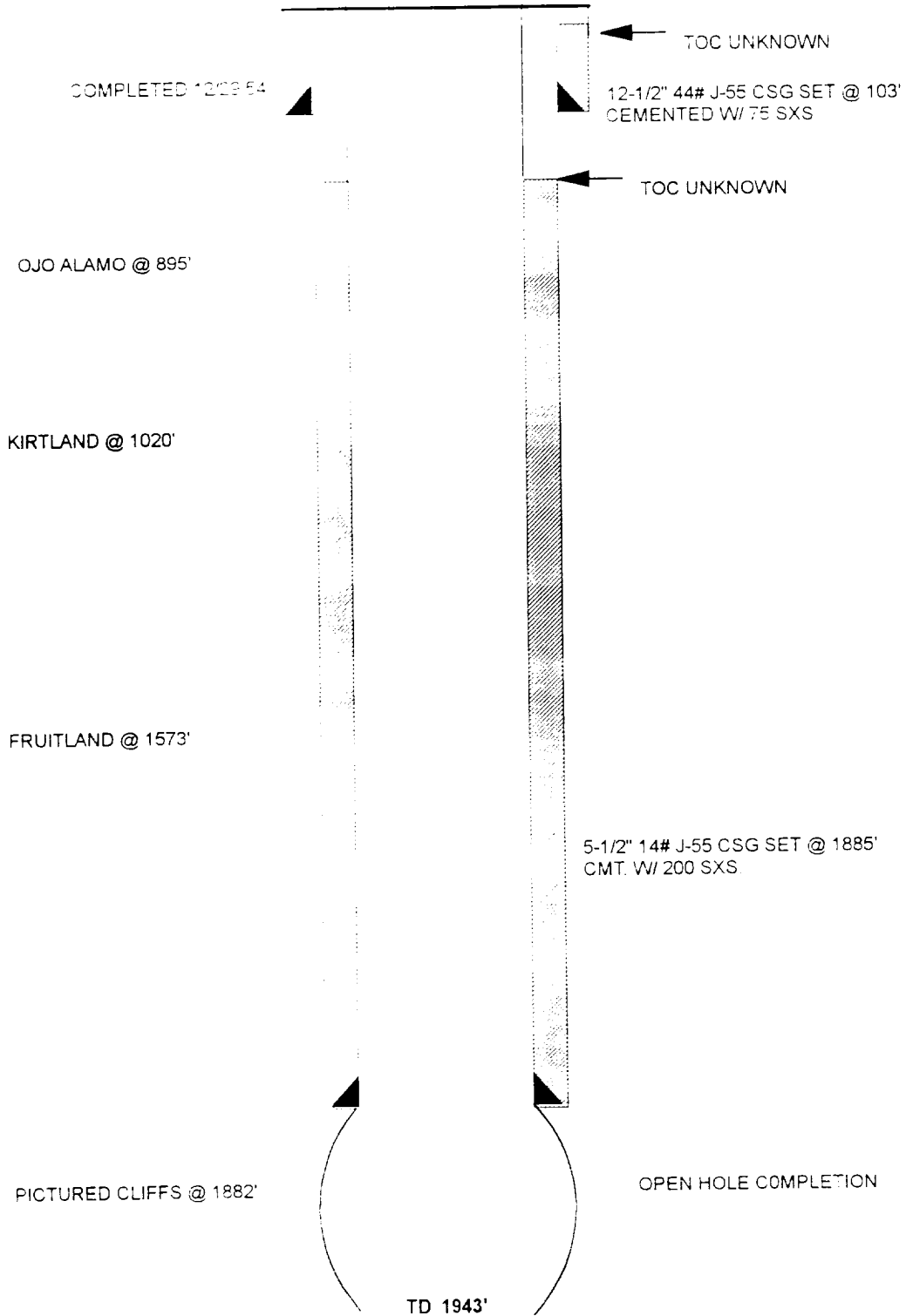
Production History:

Transporter: EPNG

OMLER #2

CURRENT
PICTURED CLIFFS

UNIT E, SEC 36, T28N, R10W, SAN JUAN COUNTY, NM



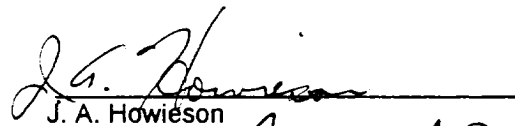
OMLER #2
Recommend Remediation/Completion Procedure
NW/4 Section 36 T28N R10W

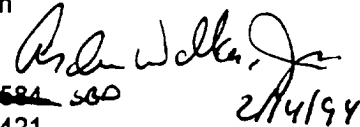
1. Test rig anchors and repair if necessary. Install 1-400 bbl frac tank on location and fill with 2% KCl water. Filter all water to 25 microns.
2. MOL and RU. Comply to all NMOC, BLM and MOI rules & regulations. Hold safety meeting. ND wellhead. NU BOP. Test operation of rams. NU two relief lines.
3. TOOH w/ 1895' of 1" tbg, tally & inspect. PU 2-3/8" workstring.
4. TIH w/ 4-3/4" bit and 5-1/2" casing scraper on 2-3/8" tbg and clean out to 5-1/2" casing shoe @ 1885'. TOOH. RIH and set 5-1/2" CIBP @ 1880'. Load hole w/ water.
5. Pressure test csg to 500 psi to assure that holes exist in csg. TIH w/ workstring and pkr and pressure test under pkr to determine depth of deepest hole. TOOH.
6. RU wireline and run CBL-CCL-GR from PBTD (1880') to 150'. Run MTT-Calliper csg inspection log from PBTD to 150'. Send copy of CBL and MTT logs to production engineering.
7. PU and install csg spear. PU 5-1/2" csg to release csg slips. RU wireline and run "Free-Point". Determine csg Free-Point. Run chemical cutter through spear and cut casing at depth to be determined from MTT-Caliper log and "Free-Point".
8. Condition and circulate hole clean with mud. TOOH w/ 5-1/2" casing.
9. PU skirted mill. RIH and polish off top of 5-1/2" csg. TOOH.
10. RIH w/ new 5-1/2" csg w/ "Bowen Lead Seal" casing patch, 1 10' jt of 5-1/2" 15.5# K-55 casing, 1 DV stage tool, followed by 5-1/2" 15.5# K-55 casing to surface, tie into existing csg in well. Set seal. Pressure test csg and patch to 500 psi. If seal and casing hold pressure Drop ball to open stage tool. Cement w/ **(0.85 sxs/ft of replacement casing)** class "B" neat cement w/ 2% CaCl₂ (100% excess to circulate to surface). Set csg in slips and cut off top of csg.
11. TIH w/ 4-3/4" bit and four 3-1/2" drill collars on 2-3/8" tbg and drill out stage tool, then drill out CIBP (set @ 1880') and clean out to TD (@1943'). TOOH.
12. TIH w 4-3/4" bit on 2-3/8" to 1880 ft. Unload hole and clean out open hole portion of well bore to TD with air and foam sweeps. TOOH to 1880'.
13. Close wing valves and pipe rams, pump into formation with air, monitoring pressure, do not exceed 500 psi, for 1 hours. Shut well in for 30 minutes. Open wing valve and flow well to pit. TIH and cleanout to TD. TOOH to 1880'. Continue process for 8 hours.
14. Flow well overnight.
15. TIH to TD and clean out fill.

OMLER #2
Recommend Remediation/Completion Procedure
NW/4 Section 36 T28N R10W
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16. PU 5-1/2" fullbore packer on 2-7/8", 6.5#, N-80 Frac string. TIH to 1880' set packer, load backside w/ 2% KCl water, pressure test annulus to 500 psi to test packer.
17. RU treatment company for frac. Hold safety meeting with all personnel. Pressure test surface lines to 5000 psi. Fracture treat lower coal according to attached schedule w/ 70Q foam at 20 BPM with 65,000 lbs of 20/40 mesh Arizona sand. Flush with 10 bbls 2% KCl water. Estimated treating pressure is 1600 psi. **MAXIMUM PRESSURE IS LIMITED TO 4000 PSI!** Monitor backside and braden head pressures during frac. Monitor bottomhole and surface treating pressure, rate, foam quality and sand concentration with computer van. Frac during daylight only.
18. SI well for 3 hours for gel break.
19. After gel break, open well through choke manifold & monitor flow. Flow @ 20 bbls/hr, or less if sand is observed.
20. When well ceases to flow, TOO H w/ pkr and frac string. TIH w/ 2-3/8" tbg and 4-3/4" bit and clean out to TD until sand flow stops. Take Pitot gauge. TOO H.
21. TIH w/ 2-3/8" tbg and seating nipple, notched collar on bottom, 1 jt 2-3/8, std seating nipple (1.78" ID), tbg to surface. Tag bottom, pick up no more than 10'. Land tbg @ 1940'.
22. ND BOP, NU wellhead. RD move to next location.

Approve:


J. A. Howieson


2/14/94

Wireline:	Oil Field Rentals	327-4421
Casing Patch:	Oil Field Rentals	327-4421
Chemical Cut:	Wireline Specialties	327-7141
Wireline:	PETRO	326-6669
Fracturing:	B. J. Services	327-6288

SBD: