

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. 8, T-27-N, R-10-W, NMPM

5. Lease Number
SF-077875

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

8. Well Name & Number
Rowley #1

9. API Well No.
30-045-06697

10. Field and Pool
Fulcher Kutz Pict. 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

☒ Notice of Intent

☐ Abandonment

☐ Change of Plans

☐ Subsequent Report

☐ Recompletion

☐ New Construction

☐ Final Abandonment

☐ Plugging Back

☐ Non-Routine Fracturing

☒ Casing Repair

☐ Water Shut off

☐ Altering Casing

☐ Conversion to Injection

☐ Other -

13. Describe Proposed or Completed Operations

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

RECEIVED
JUN - 5 1995
OIL CON. DIV.
DIST. 2

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

Signed *Peggy Stahl* (LWD2) Title Regulatory Affairs Date 5/22/95

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date _____

CONDITION OF APPROVAL, if any:

APPROVED

MAY 25 1995
DISTRICT MANAGER

NMCO

WORKOVER PROCEDURE - CASING REPAIR

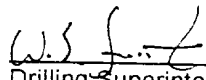
ROWLEY # 1
Fulcher Kutz Pictured Cliffs
NE/4 Sec. 8, T27N, R10W
San Juan Co., New Mexico
DPNO 50868A

1. Comply to all NMOC, 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. NU blooie line to blow pit. Fill frac tank as needed with 1% KCl water.
3. Blow down production tubing (61 jts of 2 3/8", 4.7# set at 1942') 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, release packer (Schlumberger fullbore set at 1907'), 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 5 1/2" retrievable bridge plug and packer in tandem and TIH. Set RBP at 1800'. Pressure test RBP, and dump one sack of sand on top of RBP. Isolate casing failure.
6. Set packer 200' above casing failure. (Estimated TOC is 695' per temperature survey). Pressure up backside to 500 psig. Establish rate into perforations with bradenhead valve open. If circulation is established out bradenhead valve, circulate hole clean.
7. Mix cement and pump cement slurry with turbulent flow behind pipe. Displace cement to packer, close bradenhead valve and squeeze cement into perforations. (Max pressure 1000 psi). WOC 12 hours (overnite).
8. Release packer and TOH. TIH with 4 3/4" bit and drill out cement. Pressure test casing to 1000 psig. Test for bradenhead flow. Re-squeeze as necessary to hold pressure, or to stop bradenhead flow.
9. TIH with retrieving tool and retrieve RBP. POOH and LD RBP. TIH with 4 3/4" bit and CO to PBTD with air. Blow well clean and gauge production. POOH.
10. TIH with production tubing (open-ended, with seating nipple and pump out plug one jt off bottom). Land tubing at 1990'.
11. ND BOP's and NU wellhead. Pump plug from tubing and obtain final gauge. Release rig.

Recommend:

Operations Engineer

Approve:


Drilling Superintendent

Contacts:

Cement
Operations Engineer

Cementers Inc.
Larry Dillon

632-3683
326-9714

lwd 05/18/95

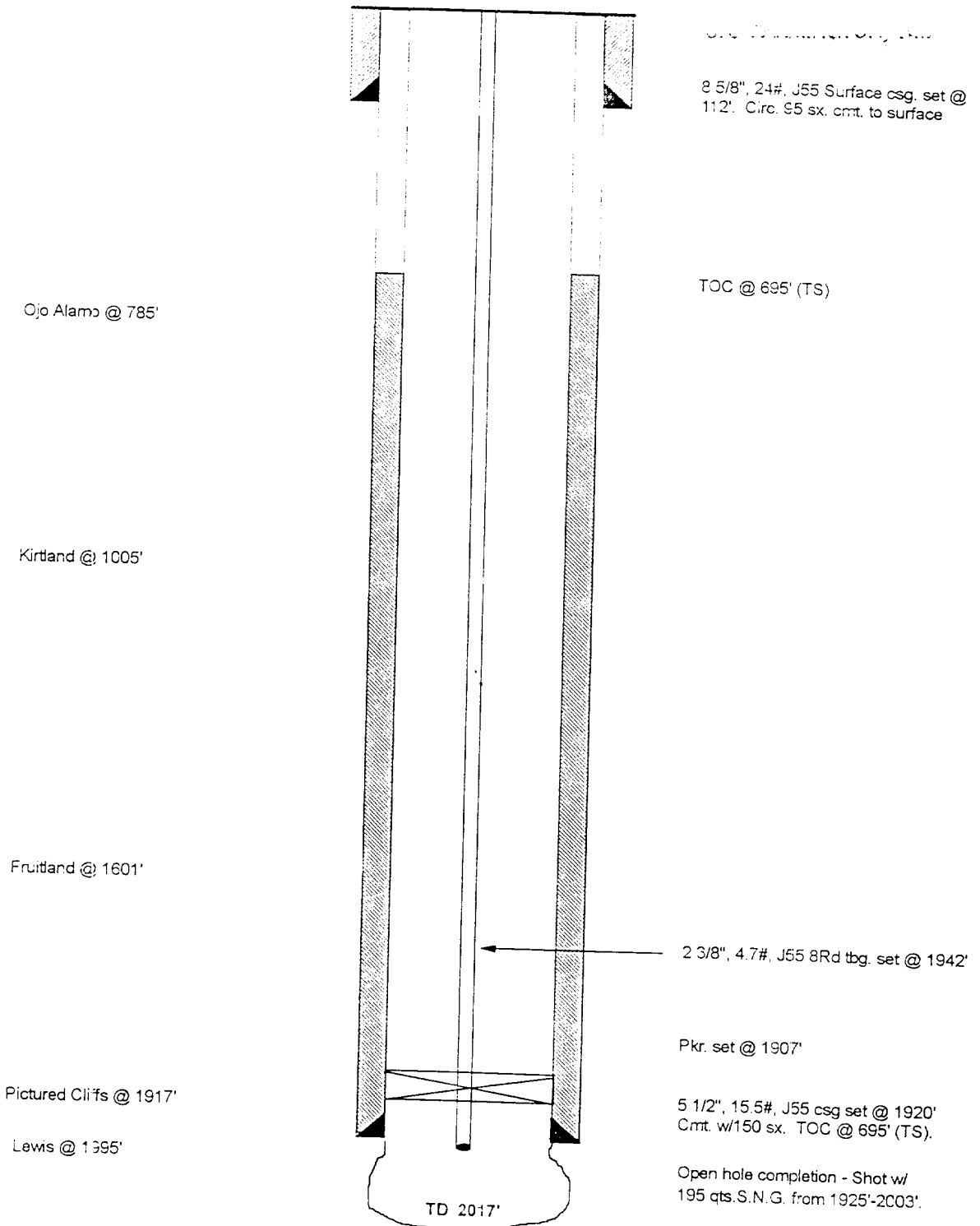
Rowley # 1
CURRENT -- 5-3-95

Pictured Cliffs
DPNO: 50868A

1650' FNL, 990' FWL,
Section 8, T-27-N, R-10-W, San Juan County, NM

Spud: 11-12-52

Completed: 11-29-52



PERTINENT DATA SHEET

5/22/95

WELLNAME: Rowley #1				DP NUMBER: 50868A PROP. NUMBER: 012569300			
WELL TYPE: Pictured Cliffs				ELEVATION: GL: 6075' KB: 6085'			
LOCATION: 1650' FNL, 990 FWL Sec. 8, T27N, R10W San Juan County, New Mexico				INITIAL POTENTIAL: 458 MCF/D AOF 1/5/53 INITIAL SITP: 524 LAST AVAILABLE SICP: 283 psig 1/5/53 7/24/85			
OWNERSHIP: GWI: 100.0000% NRI: 72.0000% SJBT: 0.0000%				DRILLING: SPUD DATE: 11/12/52 COMPLETED: 11/29/52 TOTAL DEPTH: 2017'			
CASING RECORD							
<u>HOLE SIZE</u>	<u>SIZE</u>	<u>WEIGHT</u>	<u>GRADE</u>	<u>DEPTH</u>	<u>EQUIP.</u>	<u>CEMENT</u>	<u>TOC</u>
12 1/4"	8 5/8"	24#	J55	112'		75 sx	Circ. to surf
7 7/8"	5 1/2"	15.5#	J55	1920'		150 sx	695' (TS)
Tubing	2 3/8"	4.7#	J55	1942'	8Rd, 59 jts, SN, 1 jt., pkr. set @ 1907', 1 jt.		
FORMATION TOPS:							
Ojo Alamo			785'	Gallup			
Kirtland			1005'	Greenhorn			
Fruitland			1601'	Graneros			
Pictured Cliffs			1917'	Dakota			
Lewis			1995'				
Cliff House							
Point Lookout							
LOGGING: ES, TS							
PERFORATIONS: None.							
STIMULATION: Open hole. Shot well w/ 195 qts. S.N.G. from 1925'-2003'.							
WORKOVER HISTORY: Feb-95 Pull 1800' 1" tbg., leave 200' tbg in hole. PU 2 3/8" workstring. TIH, tag fill @ 2013'. PU 5 1/2" pkr. set @ 1896'. Test csg to 500 psi - - failed. Release rig. Acidize w/ 15% HCL & N2							
PRODUCTION HISTORY							
	<u>Gas</u>	<u>Oil</u>	DATE OF LAST PRODUCTION:		<u>Gas</u>	<u>Oil</u>	
Cumulative as of 1955:	286.4 MMcf	0 bo	3- 95		827 Mcf	0 bo	
Current:	827 Mcf	0 bo					
PIPELINE: EPNG							

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<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
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	<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

8-29-95 MIRU. ND WH. NU BOP. TOO H w/60 jts 2 3/8" tbg & pkr. TIH w/5 1/2" RBP, set @ 1800'. Load hole w/wtr. PT RBP & pkr, failed. SDON.

8-30-95 TOO H, found csg leak @ 150'. Attempt to pump into csg leak. Pump 10 sx Class "G" cmt w/2% calcium chloride. Sqz to 1000 psi. Pressure up to 800 psi, held OK. WOC. SDON.

8-31-95 TIH, tag cmt @ 123'. Drill cmt @ 123-164'. PT csg, failed. Attempt to establish circ. TIH to 170'. Pump 20 sx Class "G" cmt w/2% calcium chloride. Displace w/1.25 bbl wtr. Sqz to 800 psi. WOC. SDON.

9-1-95 TIH, tag cmt @ 125'. Drill cmt @ 125-175'. Circ hole clean. TOO H. PT sqz, failed. Isolate leak @ 105-168'. TOO H w/pkr. TIH to 168'. Pump 20 sx Class "G" cmt w/2% calcium chloride. Displace w/0.25 bbl wtr. Sqz to 1000 psi. WOC. SDON.

9-2-95 TIH, tag cmt @ 39'. Drill cmt @ 39-175'. Circ hole clean. TOO H. PT to 1000 psi/15 min, OK. TIH w/retrieving tool. Latch RBP, TOO H. TIH to 2013'. Blow well clean. TOO H. TIH w/62 jts 2 3/8" 4.7# J-55 tbg, landed @ 1970'. ND BOP. NU WH. RD. Rig released.

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

Signed *Regina Starnfield* Title Regulatory Administrator Date 9/5/95

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date _____

CONDITION OF APPROVAL, if any: _____

ACCEPTED FOR RECORD

SEP 07 1995

FARMINGTON DISTRICT OFFICE
BY *215*

NMOCD