

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, 1650' FEL, Sec.13, T-28-N, R-11-W, NMPM

5. Lease Number
SF-047017B

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

8. Well Name & Number
Angel Peak B #14

9. API Well No.
30-045-07490

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

☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment

Type of Action

☒ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other -
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut off
☐ Conversion to Injection

13. Describe Proposed or Completed Operations

It is intended to plug and abandon the subject well according to the attached procedure and wellbore diagram.

RECEIVED
MAY 17 1995
OIL CON. DIV.
DIST. 3

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

Signed [Signature] (LWD2) Title Regulatory Affairs Date 5/11/95

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date _____

CONDITION OF APPROVAL, if any:

APPROVED
AS AMENDED

NMOCD

MAY 15 1995
DISTRICT MANAGER

PLUG & ABANDONMENT PROCEDURE

5/11/95

Angel Peak B #14
Fulcher Kutz Pictured Cliffs
DPNO 32137A
NE Section 13, T-28-N, R-11-W
San Juan County, New Mexico

Note: All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures.

1. Install and test location rig anchors. Prepare blow pit for cement washout only. Comply to all NMOCD, BLM, and MOI safety regulations.
2. Conduct safety meeting for all personnel on location. NU relief line. Blow down well and kill with water as necessary. ND wellhead and NU BOP. Test BOP.
3. PU on 1 1/4" tubing and TOOH. Run gauge ring (3 1/2", 10.3#) to 1940'. POOH and PU 3 1/2" CR and TIH.
4. **Plug #1 (Pictured Cliffs perforations, 1825'--1935')**: Wireline set 3 1/2" CR @ 1825' Establish rate and squeeze Pictured Cliffs perforations with 9 sxs Class B cement. Sting out of retainer and spot 2 sxs on top of retainer. Pressure test casing to 500 psi and PUH to 1658'.
5. **Plug #2 (Fruitland top, 1558'--1658')**: Mix 10 sxs Class B cement and spot balanced plug from 1658' -- 1558'. TOOH with workstring.
6. **Plug #3 (Kirtland and Ojo Alamo tops, 1088'--1248')**: Perforate 6 holes @ 1248' through both the 3 1/2" and 5 1/2" casing. If casing tested, establish rate with water into squeeze holes. PU 3 1/2" CR and TIH. Set CR @ 1198'. Establish rate with water into perms. Pressure test CR and casing to 500# psi. Sting into CR. Mix and pump 56 sxs Class B cement, squeeze 47 sxs cement outside 5 1/2" casing annulus and leave 9 sxs inside 3 1/2" casing. POOH.
7. **Plug #4 (Surface -- 152')**: Perforate 6 holes @ 152' through both the 3 1/2" and 5 1/2" casing. Establish rate out both the intermediate and bradenhead valves. Mix and pump approximately 39 sxs Class B cement down 3 1/2" casing. Circulate good cement out bradenhead valve, then shut bradenhead valve. Continue cementing until cement circulates out intermediate valve then shut in well and WOC.
9. ND BOP and cut off wellhead below surface casing. Note the cement level in the casing and annulus; fill as necessary. Install P&A marker to comply with regulations.
10. Rig down, cut off anchors, move off location, and restore location per BLM stipulations.

Recommended: _____
Operations Engineer

Approval: _____
Production Superintendent

LWD/CRF/cf

Angel Peak B #14

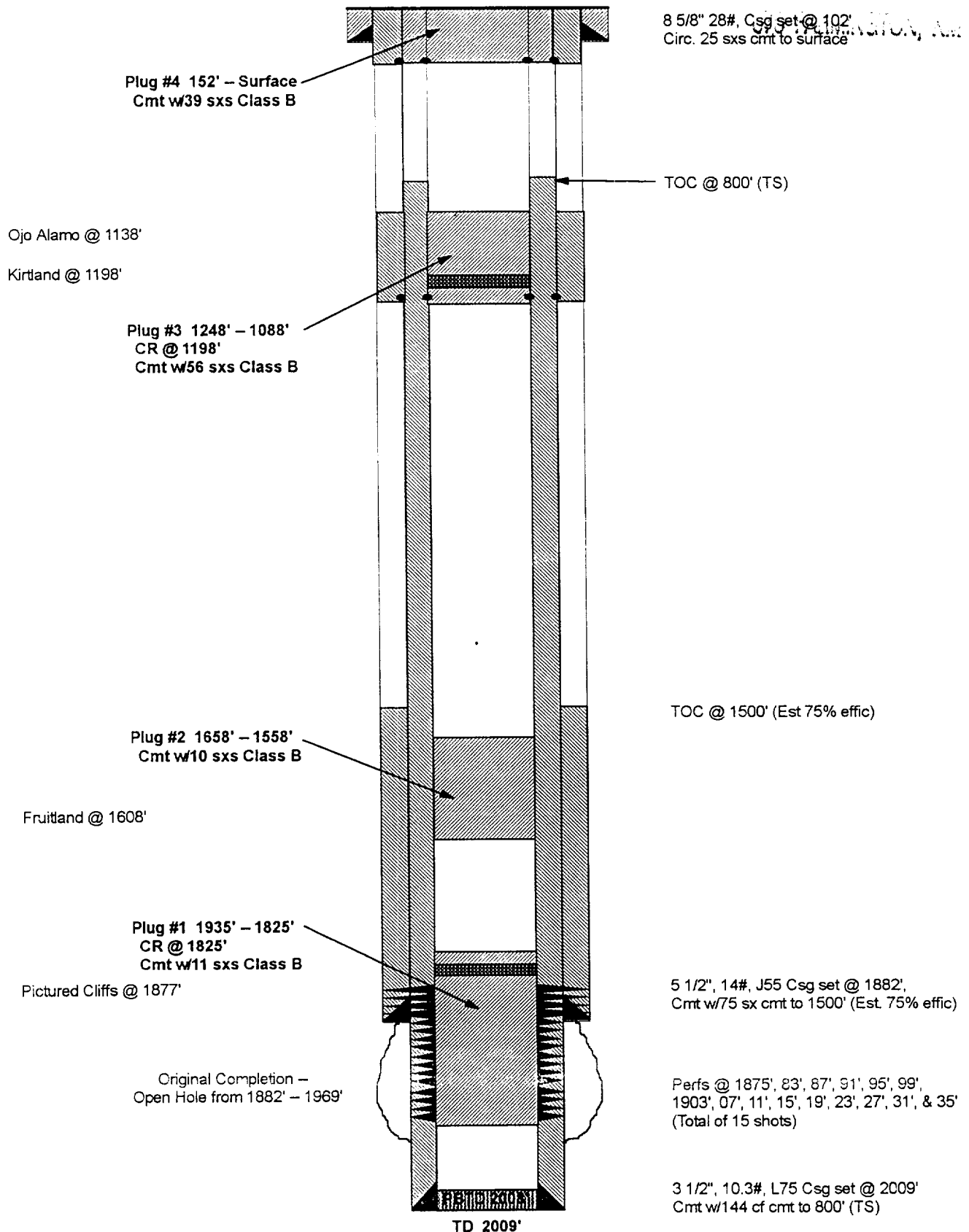
P & A

Fulcher Kutz Pictured Cliffs
DPNO 32137A

1650' FNL, 1650' FEL,
Section 13, T-28-N, R-11-W, San Juan County, NM

Spud: 4-3-50

Completed: 4-20-50



PERTINENT DATA SHEET

5/10/95

WELLNAME: Angel Peak B #14				DP NUMBER: 32137A			
WELL TYPE: Fulcher Kutz Pictured Cliffs				PROPERTY NUMBER: 071243300			
LOCATION: 1650' FNL; 1650' FEL Sec. 13, T28N, R11W San Juan County, New Mexico				ELEVATION: GL: 5805' KB: 5815'			
INITIAL POTENTIAL: AOF 1,500 Mcf				INITIAL SITP: 5/50 350 psig CURRENT SITP:			
OWNERSHIP: GWI: 100.0000% NRI: 87.5000% SJB: 0.0000%				DRILLING: SPUD DATE: 04-03-50 COMPLETED: 04-22-50 TOTAL DEPTH: 2009' PBD: 2008'			
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>
10 3/4"	8 5/8"	28#		102'	-	25 sx	Circ. Surface
7 7/8"	5 1/2"	14#	J55	1882'		75 sx	Est 75% 1500'
4 3/4"	3 1/2"	10.3#	L75	2009'		144 cf	TS 800'
Tubing	1 1/4"	2.4#	J55	1929'	Total of 59 jts. EUE -- SN 1 jt. off bottom		
FORMATION TOPS:							
		Nacimiento	Surface				
		Ojo Alamo	1133'		Point Lookout		
		Kirtland	1198'		Mancos		
		Fruitland	1608'		Gallup		
		Pictured Cliffs	1877'		Graneros		
		Lewis			Dakota		
		Cliff House					
		Menefee					
LOGGING: DIL, GR, CBL, TS, CCL, Tracer Log, & Gas Spectrum Log							
PERFORATIONS (1950) Open Hole 1882' -- 1969' (1983) 1875'; 83', 87', 91', 95', 99', 1903', 07', 11', 15', 19', 23', 27', 31', & 35' (Total of 15 shots)							
STIMULATION: (1950) Open Hole Shot w/210 qts. SNG (1983) 70,000# 20/40 sand & 66,000 gal. 70 Q Foam							
WORKOVER HISTORY:							
1983	TIH w/2 3/8" tubing and tag @ 1889'. Circulate hole w/foam and clean out old shot hole from 1882' -- 1969'. Run logs. TOH w/workstring. Run 3 1/2" casing & cement w/144 cf cement. TOC @ 800' (TS). Perf & fraced w/66,000 gal. Q foam and 70,000# 20/40 sand. Clean out and land 1 1/4" tubing @ 1913'.						
1989	Found scale on tubing (soluble in 15% HCl). RIH w/ 1 1/4" (61 jts.) tubing and packer and tag bottom @ 1976'. Pull packer back to 1860' & pump 16,000 SCF nitrogen @ 2000 SCFPM @ 1200 psi, followed by 200 gal. 15% HCl & flush w/ 750 SCF nitrogen @ 1100 psi. Open tubing to atmosphere and blew down in 1 minute. Release packer and POOH. Ran 1 1/4" tubing and landed @ 1929'						
PRODUCTION HISTORY:							
	<u>Gas</u>	<u>Oil</u>	<u>DATE OF LAST PRODUCTION:</u>		<u>Gas</u>	<u>Oil</u>	
Cumulative as of 1995:	856.5 MMcf	8 Bo	March, 1989		729 Mcf	0 Bo	
Current:	0 Mcf	0 Bo					
PIPELINE: SUG							

Angel Peak B #14

CURRENT -- 5/10/95

Fulcher Kutz Pictured Cliffs
DPNO 32137A

1650' FNL, 1650' FEL,
Section 13, T-28-N, R-11-W, San Juan County, NM

Spud: 4-3-50

Completed : 4-20-50

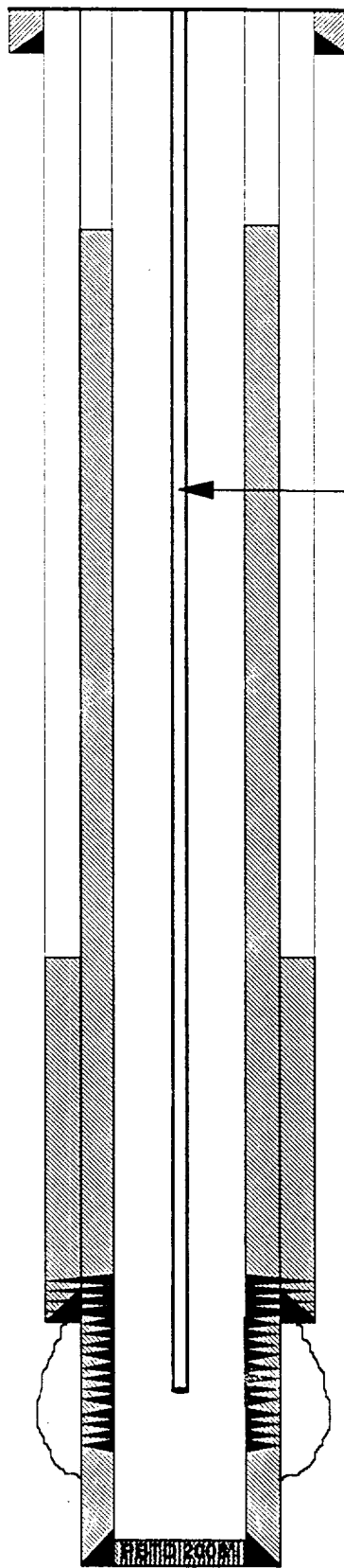
Ojo Alamo @ 1138'

Kirtland @ 1198'

Fruitland @ 1608'

Pictured Cliffs @ 1877'

Original Completion --
Open Hole from 1882' -- 1969'



8 5/8" 28#, Csg set @ 102'
Circ 25 sxs cmt to surface

TOC @ 800' (TS)

1 1/4", 2.4#, J-55, set @ 1929'

TOC @ 1500' (Est 75% effc)

5 1/2", 14#, J55 Csg set @ 1882'
Cmt w/75 sx cmt to 1500' (Est. 75% effc)

Perfs @ 1875', 83', 87', 91', 95', 99',
1903', 07', 11', 15', 19', 23', 27', 31', & 35'
(Total of 15 shots)

3 1/2", 10.3#, L75 Csg set @ 2009'
Cmt w/144 cf cmt to 800' (TS)

TD 2009'