

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
BLM

Sundry Notices and Reports on Wells

95 MAY 10 AM 7:35

1. Type of Well
GAS

070 FARMINGTON, NM

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

1670' FSL, 1090' FEL, Sec.12, T-31-N, R-10-W, NMPM

5. Lease Number

SF-079909

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

San Juan 32-9 Unit

8. Well Name & Number

San Juan 32-9 U #4A

9. API Well No.

30-045-22907

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

☒ 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 plug and abandon the subject well according to the attached procedure and wellbore diagram.

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MAY 17 1995

OIL CON. DIV.
DIST. 3

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

Signed [Signature] (LWD5) Title Regulatory Affairs Date 5/9/95

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date _____

CONDITION OF APPROVAL, if any:

APPROVED

MAY 12 1995
DISTRICT MANAGER

NMOCD

PLUG & ABANDONMENT PROCEDURE

4/26/95

San Juan 32-9 Unit #4A
Blanco Mesaverde
DPNO 69840
SE Section 12, T-31-N, R-10-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 NMOC, BLM, and MOI safety regulations.
2. MOL and RU daylight pulling unit. 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. Run 4 1/2" casing scraper and round trip to 6072'. (Note: Gauge ring should not be used due to scale in liner).
4. **Plug #1 (Mesaverde perforations, 4870'--5121')**: PU 4 1/2" CR and RIH; set at 5121'; pressure test tubing to 1000#. Sting out of CR and load well with water and pressure test casing to 500#. Mix and spot 23 sxs Class B cement from top of CR to 4870'. POOH.
5. **Plug #2 (4 1/2" liner top, 7" casing shoe, Pictured Cliffs & Fruitland tops, 2976'--3640')**: TIH open ended to 3640'. (50' inside 4 1/2" liner). Mix 132 sxs Class B cement and spot a balanced plug from 3640' to 2976'. PUH to 1952'.
6. **Plug #3 (Kirtland and Ojo Alamo tops, 1817'--1952')**: Mix 71 sxs Class B cement and spot in 7" casing @ 1952'. POOH w/tubing and squeeze 35 sxs cement outside casing through casing leak and leave 36 sxs inside casing from 1952' -- 1817'. SIW and WOC. RIH and tag cement.
7. **Plug #4 (Nacimiento top, 519'--619')**: TIH. Perforate 2 holes @ 569'. PU 7" CR and TIH. Attempt to establish rate with water into perforations. If unsuccessful go to Step #7a.

If rate was established, set CR @ 569'. PT CR and casing to 500#. Sting into CR. Mix and pump 55 sxs Class B cement, squeeze 26 sxs cement outside casing and leave 29 sxs inside. POOH.

7a. Mix 29 sxs Class B cement and spot balanced plug from 619'--519'. POH with tubing.
8. **Plug #5 (Surface)**: Perforate 2 holes at 275'. Establish circulation out bradenhead valve. Mix and pump approximately 92 sxs Class B cement down 7" casing, and circulate good cement out bradenhead valve. 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

San Juan 32-9 Unit #4A

P & A

Blanco Mesaverde
DPNO 69840

1670' FSL, 1090' FWL,
Section 12, T-31-N, R-10-W, San Juan County, NM

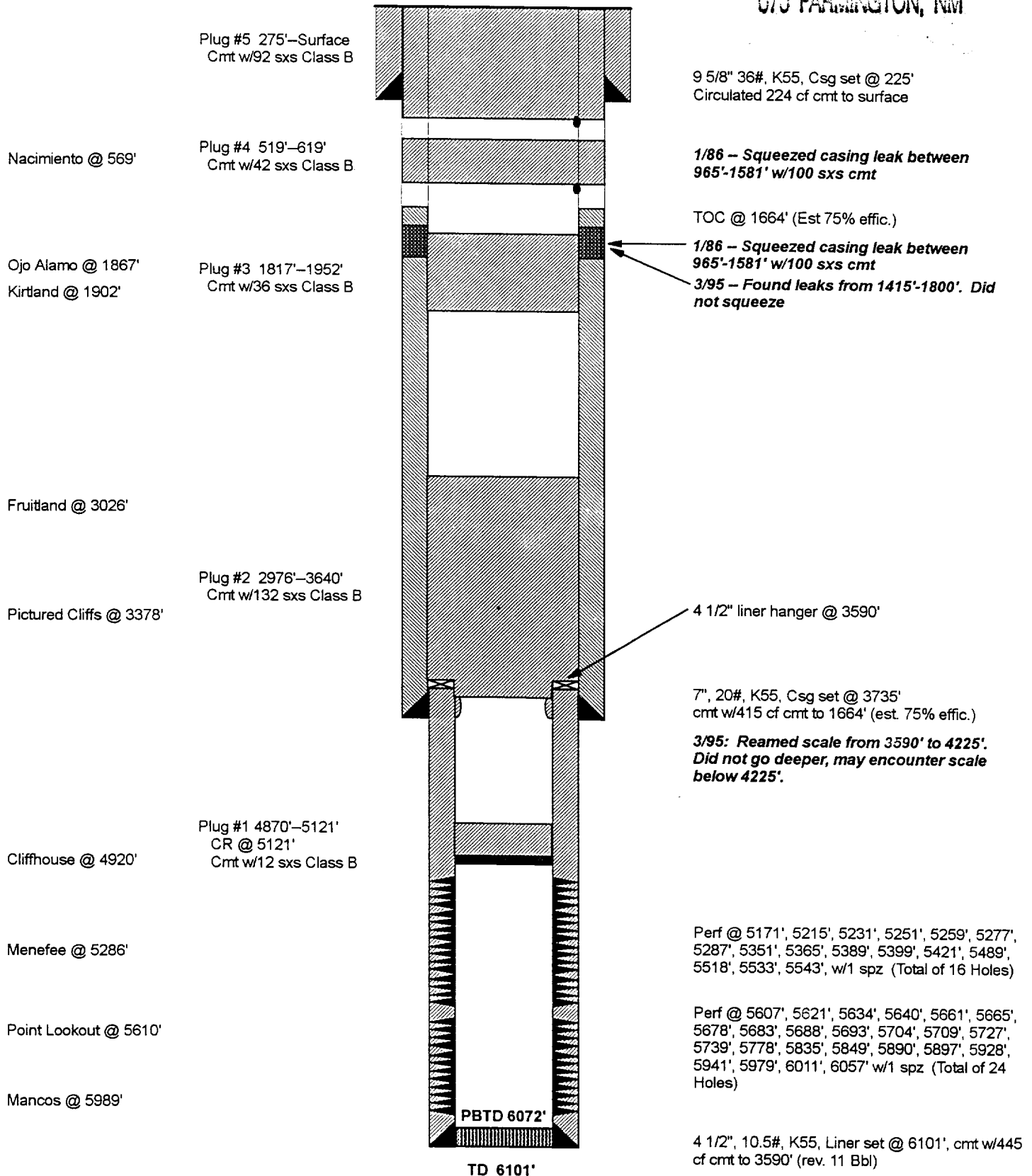
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070 FARMINGTON, NM

Spud: 6-10-78

Completed: 8-15-78



9 5/8" 36# K55, Csg set @ 225'
Circulated 224 cf cmt to surface

1/86 – Squeezed casing leak between
965'-1581' w/100 sxs cmt

TOC @ 1664' (Est 75% effc.)

1/86 – Squeezed casing leak between
965'-1581' w/100 sxs cmt

3/95 – Found leaks from 1415'-1800'. Did
not squeeze

4 1/2" liner hanger @ 3590'

7", 20# K55, Csg set @ 3735'
cmt w/415 cf cmt to 1664' (est. 75% effc.)

3/95: Reamed scale from 3590' to 4225'.
Did not go deeper, may encounter scale
below 4225'.

Perf @ 5171', 5215', 5231', 5251', 5259', 5277',
5287', 5351', 5365', 5389', 5399', 5421', 5489',
5518', 5533', 5543', w/1 spz (Total of 16 Holes)

Perf @ 5607', 5621', 5634', 5640', 5661', 5665',
5678', 5683', 5688', 5693', 5704', 5709', 5727',
5739', 5778', 5835', 5849', 5890', 5897', 5928',
5941', 5979', 6011', 6057' w/1 spz (Total of 24
Holes)

4 1/2", 10.5# K55, Liner set @ 6101', cmt w/445
cf cmt to 3590' (rev. 11 Bbl)

TD 6101'

EXHIBIT DATA SHEET

5/3/95

WELLNAME: San Juan 32-9 Unit #4A				DP NUMBER: 69840 PROPERTY NUMBER: 0023423			
WELL TYPE: Blanco Mesaverde				ELEVATION: GL: 6574' KB: 6586'			
LOCATION: 1670' FSL, 1090' FEL Sec. 12, T31N, R10W San Juan County, New Mexico				INITIAL POTENTIAL: AOF Mcf/d INITIAL SICP: 8/91 721 psig CURRENT SICP: 3/89 361 psig			
OWNERSHIP: GWI: 42.4988% NRI: 32.8615% SJBT: 0.4158%				DRILLING: SPUD DATE: 06-10-78 COMPLETED: 08-15-78 TOTAL DEPTH: 6101' PBTD: 6072'			
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>
13 3/4"	9-5/8"	36#	K55	225'	-	224 cf Circ.	Surface
8 3/4"	7"	20#	K55	3735'		415 cf Est. 75%	1664'
6 1/4"	4 1/2"	10.5#	K55	6101'	Liner Top @ 3590'	445 cf Rev. 11 Bbl	3590'
FORMATION TOPS: Nacimiento 569' Ojo Alamo 1867' Kirtland 1902' Fruittland 3026' Pictured Cliffs 3378' Lewis 3622' Chacra 4153' Cliffhouse 4920' Menefee 5286' Point Lookout 5610' Mancos 5989'							
LOGGING: CDL-GR; IND-GR; CBL, TS							
PERFORATIONS A) 5607', 5621', 5634', 5640', 5661', 5665', 5678', 5683', 5688', 5693', 5704', 5709', 5727', 5739', 5778', 5835', 5849', 5890', 5897', 5928', 5941', 5979', 6011', 6057' w/1 spz (Total of 24 holes) B) 5171', 5215', 5231', 5251', 5259', 5277', 5287', 5351', 5365', 5389', 5399', 5421', 5489', 5518', 5533', 5543 w/1 spz (Total of 16 holes)							
STIMULATION: A) 80,000# 20/40 sand & 164,801 gal. water B) 72,500# 20/40 san d& 149,856 gal. water							
WORKOVER HISTORY:							
Mar-95	RU wireline & run freepoint, @ 3790' 86% free. PU on tubing; tubing parted w/55,000#. POH w/3304' bad tubing. PU overshot. Blow well w/air. Unload mud & black H2O. TIH to top of fish. Latch onto fish. Run tubing cutter and cut tubing @ 4075'. Tubing 62% free @ this depth. Work tubing free. TOH w/763' of very bad tubing. PU & TIH w/ 3 7/8" overshot. Work through tight spot @ 3695'. Tag fill @ 4010'. CO fill to top fish. Latch on fish. Run spud tool in tubing 4150'-4190', tool sticking. Pull to 60,000#. TOH, overshot pulled off. CO grapple & TIH. Fish came free. TOOH & LD fishing tools. PU scrapper and TIH. CO scale top liner 3590'-37 Ream scale out of liner 3745'-4224'. Blow well. PU RBP & TIH and set @ 3550'. TIH w/F-Bore packer (would not go below 1412'). Test back side to 800#, OK. TOH & LD packer. Run 7" casing scrapper to 3550'. TOH. PU 7" F-Bore packer and TIH. Test casing for leaks. Found leaks from 1800'-1415'. Received instructions to move. TIH w/retrievable head. TOH w/RBP. TOH w/tubing and release rig.						
Feb-94	Perforate tubing @ 5922'-5949'. Swab well, recovered some water. Tight spot in tubing from 3574'-4270'.						
Aug-86	Attempt to recover downhole pump. Pump stuck. Backoff rods above pump. Attempt to pull tubing. Pull 80,000# over and attempt to rotate, no success. NU wellhead.						
Feb-86	Install downhole pump and set pumping unit.						
Jan-86	Fish temporary packer, squeeze casing leak between 965'-1581' w/100 sxs cement.						
Dec-85	Temporary packer set @ 3500' to isolate casing failure.						
PRODUCTION HISTORY:							
<u>Gas</u>	<u>Oil</u>	<u>DATE OF LAST PRODUCTION:</u>				<u>Gas</u>	<u>Oil</u>
Cumulative as of 1995:	730.1 MMcf	16.5 MBo					
Current:	0 Mcf	0 Bo	June, 1991	3 Mcf	0 Bo		
PIPELINE: EPNG							

San Juan 32-9 Unit #4A

CURRENT -- 4/25/95

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DPNO 69840

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Kirtland @ 1902'

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