

State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division

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
1640' FSL, 1000' FEL, Sec. 3, T-30-N, R-11-W, NMPM, San Juan County

API # (assigned by OCD)
30-045-23679

5. Lease Number
Fee

6. State Oil & Gas Lease #

7. Lease Name/Unit Name
Fee

8. Well No.
3

9. Pool Name or Wildcat
Aztec Pictured Cliffs/
Blanco Mesaverde

10. Elevation: 5797 GR

Type of Submission

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment

Type of Action

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other - Pay add

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut off

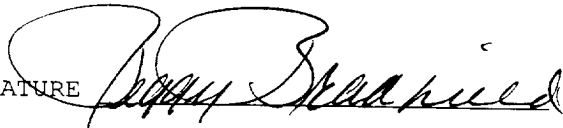
☐ Conversion to Injection

13. Describe Proposed or Completed Operations

It is intended to add pay the producing Mesaverde formation of the subject well according to the attached procedure and wellbore diagram.

RECEIVED
DEC - 6 1995
OIL CON. DIV.
DIST. 3

SIGNATURE

 (MEL5) Regulatory Administrator December 4, 1995

(This space for State Use)

Approved by

 Title DEPUTY OIL & GAS INSPECTOR, DIST. #3 Date DEC - 6 1995

Pertinent Data Sheet - Fee #3

Location: 1640' FSL, 1000' FEL. Unit I, Section 03, T30N, R11W, San Juan County, New Mexico

Field: Blanco Mesaverde
Blanco-Pictured Cliffs

Elevation: 5797' GR

TD: 5010'
PBTD: 4948'

Completed: 07-08-83

Prop #: 071088901

DP #: 11434A - MV
11434B - PC

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>
12 1/4"	13 3/8"	Conductor	73'	N/A	None
12 1/4"	9 5/8"	36.0# J-55	254'	225 sxs	Surface/Circ
8 3/4"	7"	23.0# J-55	4987'	300 sxs	TOC Above 250'
			2nd Stage	430 sxs	
			Stage Collar @ 2459'		

Tubing Record:

	<u>Tbg Size</u>	<u>Wt. & Grade</u>	<u>Depth Set</u>	
MV	2 3/8"	4.7# J-55	4562'	Packer @ 2420'
PC	1 1/4"	2.4#	2305'	

Formation Tops:

Ojo Alamo:	860'	Otero Chacra:	3326'
Kirtland:	944'	Upper CH:	3810'
Fruitland:	1830'	Massive CH:	3890'
Pictured Cliffs:	2268'	Menefee:	4060'
Lewis:	2490'	Massive PL:	4564'
Huer Bentonite:	3027'	Lower PL:	4700'
NC Chacra:	3110'		

Logging Record: IES, FDN, CBL

Stimulation:

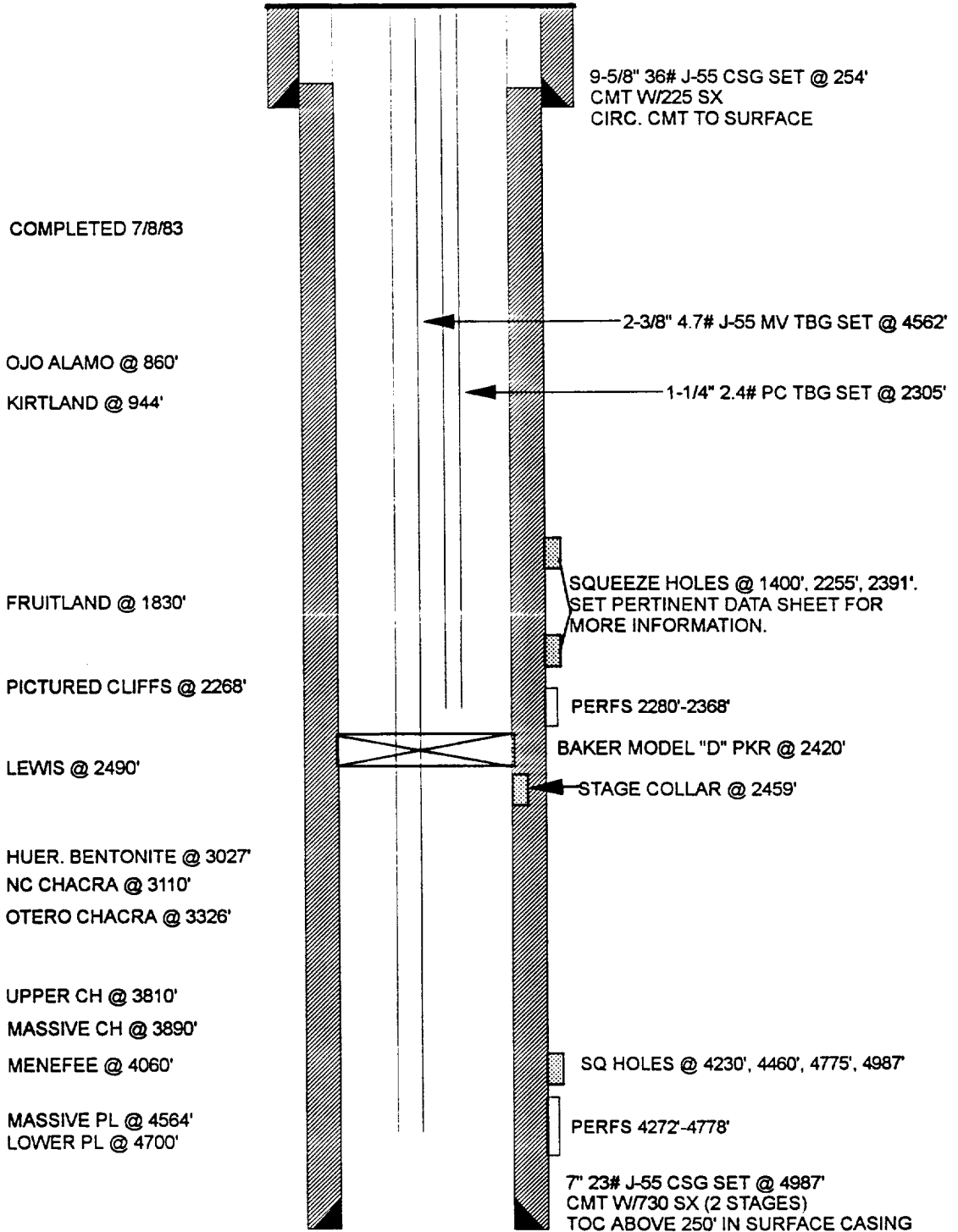
PC: Perf'd w/12 jets @ 2280', 2284', 2290', 2294', 2298', 2301', 2307', 2311', 2328', 2332', 2366', 2368'
Frac'd w/59,000# 20/40 sand, 31,000# 10/20 sand & 20,629 gal foam.
Sqz'd 225 sxs @ 1400'. re-sqz 75 sxs, sqz 31 sxs @ 2255', sqz 75 sxs @ 2391. re-squ 29 sxs,
stage collar cmt w/430 sxs.

MV: Perf'd w/40 jets @ 4272', 4302', 4340', 4343', 4346', 4382', 4386', 4403', 4408', 4412', 4416', 4474',
4508', 4512', 4516', 4573', 4577', 4595', 4598', 4602', 4606', 4610', 4612', 4617', 4620', 4630', 4632',
4634', 4645', 4648', 4652', 4654', 4673', 4674', 4689', 4692', 4695', 4698', 4773', 4778'.
Frac'd w/100,000# 20/40 sand, 55,000# 10/20 sand & 155,00 gal water.
Cmt relief holes @ 4230' (2). Sqz'd 150 sxs @ 4460', sqz w/125 sxs @ 4775' & 4776', re-sqz w/50 sxs,
cmt w/300 sxs @ 4987'.

Workover History:

Transporter: EPNG

FEE #3
AS OF 12/01/94
BLANCO MESAVERDE/BLANCO PICTURED CLIFFS
UNIT I, SEC 3, T30N, R11W, SAN JUAN COUNTY, NM



TD 5010'
PBTD 4948'

Fee #3 - Mesaverde
Menefee Payadd
Lat-Long by TDG: 36.838196 - 107.972321
SE/4 Section 3, T30N-R11W
August 24, 1995

1. Hold safety meeting. MIRU. Comply with all MOI, BLM and NMOC rules and regulations. Install 6 frac tanks and 1x400 bbl rig tank. Fill each frac tank with 5#s of biocide and filtered (25 micron) 1% KCl water.
2. Obtain and record all wellhead pressures. ND WH, NU BOP. TOOH w/ 1-1/4" tubing set @ 2305'. TOOH w/ 2-3/8" tubing set @ 4562'. Replace bad tubing as necessary.
3. TIH w/ Baker packer plucker and pull packer @ 2420'. TOOH.
4. PU 6-1/4" bit, 7" (23#) casing scraper and TIH. CO to PBTD of 4948'. TOOH.
5. TIH w/ 7" CIBP and set CIBP @ 4220'. Load hole w/ 1% KCL water. Spot Menefee interval (\pm 4060' - \pm 4200') w/ 270 gallons of inhibited 15% HCL acid. TOOH.
6. RU wireline and run CNL from 4210' to 3800'. Send copy of logs to engineering and perforation intervals will be provided.
7. Perforate the Menefee interval (\pm 4060' - \pm 4200') top down using 3-1/8" HSC guns with 12 gram charges and 0.31" diameter holes. (Intervals will be provided after reviewing logs.) Inspect guns to ensure all perforations fired. RD wireline.
8. TIH w/ 7" fullbore packer and 3-1/2" N-80 frac string. Set packer @ \pm 4210'. Load hole w/ water and pressure test casing and CIBP to 3450 psi. Release packer, PUH to \pm 150' above top perforation and reset packer.
9. **Maximum allowable treating pressure is 3450 psi during acid job.** Pump 1500 gallons of 15% HCL acid @ 8 Bls/min dropping 7/8" diameter RCN ball sealers spaced evenly throughout the job (2 balls per perforation hole). Release packer, TIH and knock balls off. TOOH to \pm 2500' and reset packer.
10. Hold safety meeting. **Maximum allowable surface treating pressure is 3450 psi.**
11. Pressure test surface lines to 4450 psi. (1000 psi over maximum treating pressure but less than the working pressure of the lines.) Fracture stimulate the Menefee interval @ 30 BPM using 30# linear gel and 80m lbs of sand tagged w/ Iridium. (Final stimulation procedure will be attached after reviewing logs.) Do not over displace during flush. Shut in well immediately after completion of the stimulation until pressure falls to zero.
12. Release packer and TOOH laying down frac string.
13. TIH w/ 6-1/4" bit and drill up CIBP set @ 4220'. CO to PBTD (4948'). PU above the Mesaverde perforations and flow the well naturally, making short trips for clean up when necessary. Obtain pitot gauge for Mesaverde after clean up.
14. When sand has diminished, TOOH.
15. RU wireline company. Run After Frac GR from 4778' to top of tracer activity.
16. Set a Model D production packer @ 2420'. RD wireline company.

Fee #3
Mesaverde Payadd
August 24, 1995

17. TIH with one joint of 2-3/8" tubing w/ expendable check, an F-nipple, then approximately 2300' of tubing, model G locator seal assembly and then the remaining 2-3/8" production tubing. Land tubing near bottom perforation (4778').
18. TIH w/ one joint of 1-1/4" tubing w/ expendable check, an F-nipple, then the remaining 1-1/4" tubing. Land tubing near bottom PC perforation (2368').
19. ND BOP's, NU WH. Pump off expendable checks. Obtain final pitot. RD and MOL. Return well to production.

Approval:

Drilling Superintendent

Approval:

Gerald P. Fisher
Northwest Basin Team Leader

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