

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
830' FNL, 1530' FWL, Sec. 22, T-30-N, R-11-W, NMPM, San Juan County

API # (assigned by OCD)
30-045-26626
5. Lease Number
Fee
6. State Oil & Gas Lease #
7. Lease Name/Unit Name
Fuller
8. Well No.
3
9. Pool Name or Wildcat
Blanco Mesaverde
10. Elevation: 5782 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 to the Mesaverde formation of the subject well according to the attached procedure and wellbore diagram.

RECEIVED
SEP - 5 1996
OIL CON. DIV.
DIST. 3

SIGNATURE *Ernie Busch* (PMP2) Regulatory Administrator September 4, 1996

(This space for State Use)

Approved by ORIGINAL SIGNED BY ERNIE BUSCH Title DEPUTY OIL & GAS INSPECTOR, DIST. #3 Date SEP - 5 1996

FULLER #3 MV
Workover Procedure
C 22 30 11
San Juan County, N.M.
Lat-Long: 36.802826 - 107.981995

1. Comply to all NMOCD, BLM, & MOI rules & regulations. MOL and RU completion rig. NU 6" 900 series BOP w/flow tee and stripping head. NU blooie line & 2-7/8" relief line.
2. TOH w/2-3/8" tbq. TIH w/4-1/2" csg scrapper & tbq tester on 2-3/8" tbq. Run to 4815' & test tbq to 3000 psi. TOH.
3. TIH w/4-1/2" ret BP on 2-3/8" tbq & set @ 4450'. Load hole w/1% KCL water. TOH. W/7" fullbore pkr @ 60' on 2-3/8" tbq pressue test csg to 3000 psi. TOH w/7" pkr. TIH w/2-3/8" tbq open ended to 4408'. Spot 300 gal 15% HCL acid across Menefee (4408'-4118'). Use same additives in acid as the acid breakdown. TOH.
4. MI wireline truck. Place 1 sx sand on ret BP @ 4450'. Perf additional Menefee @ 4118', 34', 43', 57', 62', 4203', 17', 58', 4307', 09', 27', 68', 98', 4404', 08' w/1 spf. Total 15 holes. Perf w/select fire HSC gun using HSC-3125-302T 10 gr Owen jets which should give a 0.29" hole & 16.64" of penetration in concrete.
5. TIH w/4-1/2" fullbore pkr on 2-3/8" tbq & set @ 3900'. Breakdown & attempt to balloff Menefee perms w/1500 gal 15% HCL acid & 38 RCN 7/8" 1.3 sp gr perf balls. (1 gal/1000 corrosion inhibitor). Max. pressure is 4500 psi. Lower pkr to 4420' to knock off perf balls. TOH.
6. Spot & fill 14-400 bbl. frac tanks w/2% KCL water. Filter all water to 25 microns. Thirteen tanks are for fracing & one tank is for breakdown water. Usable water required for frac is 4653 bbls.
7. W/ 7" pkr on 2 jts 2-7/8" N-80 tbq @ 60' to protect wellhead, frac MV down 7" & 4-1/2" csg w/190,000 gals. of slick water & 150,000# 20/40 Arizona sand. Pump at 55 BPM. Sand to be tagged w/ 0.4 mCi/1000# Ir-192 tracer. Max. pressure is 3000 psi & estimated treating pressure is 2400 psi. Treat per the folowing schedule:

<u>Stage</u>	<u>Water (Gals.)</u>	<u>Sand Vol. (lbs.)</u>
Pad	40,000	—
0.5 ppg	20,000	10,000
1.0 ppg	110,000	110,000
1.5 ppg	20,000	30,000
Flush	(4,930)	0
Totals	190,000	150,000#

If well is on vaccum near end of frac job, cut flush as necessary to avoid overflushing & slow rate during flush. Frac with the following additives per 1000 gal frac fluid.

- * 3/4 Gal - FR-30 (Friction Reducer)
- * 1.0 gal. Flowback 20 (Surfactant)
- * 0.38# - Fracide (Bacteriacide)

8. TOH w/2-7/8" tbq & pkr. TIH w/retrieving tool on 2-3/8" tbq & C.O. Menefee w/air/mist to ret BP @ 4450'. Take pitot gauges when possible.
9. When wellbore is sufficiently clean, retrieve BP @ 4450' & TOH.

FULLER #3 MV - MENELEE PAY ADD

10. TIH w/3-7/8" bit on 2-3/8" tbg & C.O. to PBTD4936' w/air/mist. Take pitot gauges when possible. When wellbore is sufficiently clean, TOH & run after frac gamma-ray log & Perf Eff. Log from 4936'-3900'.
11. TIH w/2-3/8" tbg w/standard seating nipple one joint off bottom & again cleanout to 4936'. Use expendable check if necessary. When wellbore is sufficiently clean, land tbg @ 4600' KB. Take final water & gas rates.
12. ND BOP & NU wellhead & tree. Rig down & release rig.

Archie J. Jellison Jr. 8/29/96

Recommended: *[Signature]* ^{8/29/96} Approve: *[Signature]* ^{9/3}
Production Engineer Drilling Superintendent

VENDORS:

Wireline	Basin	327-5244
Fracturing:	BJ	327-6222
RA Tag:	Pro-Technics	326-7133
Pkr & Ret BP	Schlum.	325-5096

PMP

Pertinent Data Sheet - FULLER #3 MV

Location: 830' FNL & 1530' FWL, Unit C, Section 22, T30N, R11W, San Juan County, New Mexico

Field: Blanco Mesaverde

Elevation: 5782' GL
14' KB

TD: 5046'

PBTD: 4936'

Completed: 1-14-86

Spud Date: 12-23-85

DP #: 54487A

LEASE: Fee

GWI: 100%

NRI: 83.76%

Prop#: 001258900

Initial Potential: AOF=6322 MCF/D; Q=3879 MCF/D; SICP=1072 PSI

Casing Record:

<u>Hole Size</u>	<u>Csg Size</u>	<u>Wt. & Grade</u>	<u>Depth Set</u>	<u>Cement</u>	<u>Cmt Top</u>
12-1/4"	9-5/8"	36# J-55	222'	165 cf	Circ Cmt
8-3/4"	7"	20.0# K-55	2480'	513 cf	600' - Survey
6-1/4"	4-1/2" liner	10.5# K-55	2328'-4956'	458 cf	Circ 10 Bbl Cmt

Tubing Record:

<u>Tbg. Size</u>	<u>Wt. & Grade</u>	<u>Depth Set</u>	
2-3/8"	4.70# J-55 EUE	4788'	145 Jts
	S.N. @ 4755'		

Formation Tops:

Ojo Alamo	770'		
Kirtland Shale	916'		
Fruitland:	1886'	Mesaverde:	3772'
Pictured Cliffs:	2444'	Menefee:	3890'
Chacra	3010'	Point Lookout:	4502'

Logging Record: Induction, Neutron-Density, Temp.

Stimulation: Perf Lower Point Lookout @ 4675', 79', 83', 86', 93', 4702', 05', 11', 15', 30', 36', 53', 82', 4809' w/14 holes & fraced w/51,000# sand in slick water.

Perfed Point Lookout @ 4518', 21', 24', 27', 30', 33', 36', 57', 63', 66', 70', 73', 77', 80', 83', 86', 89', 96', 4603', 15', 32', 42', 45' w/23 holes & fraced w/70,000# sand in slick water.

Workover History: NONE

Production History: 1st delivered 2/28/86. Current MV capacity is 80 MCF/D. Cum is 376 MMCF.

Pipeline: EPNG

FULLER #3 MV

UNIT C SECTION 22 T30N R11W
SAN JUAN COUNTY, NEW MEXICO

