

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

**BURLINGTON
RESOURCES**

OIL & GAS COMPANY

3. Address & Phone No. of Operator

PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. Location of Well, Footage, Sec., T, R, M

1500' FSL, 1190' FEL, Sec. 15, T-30-N, R-11-W, NMMP

5. Lease Number

SF-078138

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

8. Well Name & Number

Morris A #13A

9. API Well No.

30-045-26586

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

☒ 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
DEC 11 1997
OIL CON. DIV.
DIST. 2

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

Signed [Signature] (PMPOpps) Title Regulatory Administrator Date 12/3/97

(This space for Federal or State Office use)

APPROVED BY AV Duane W. Spencer Title _____

Date DEC - 9 1997

CONDITION OF APPROVAL, if any:

MORRIS A #13A MV
Workover Procedure
I 15 30 11
San Juan County, N.M.
Lat-Long: 36-48.55 - 107-58.38

PROJECT SUMMARY: This is a Menefee payadd in a 1985 vintage MV well.

1. Comply to all NMOCD, BLM, and BROG rules and regulations. MOL and RU completion rig. NU 7-1/16" 3000 psi BOP w/flow tee and stripping head. NU blooie line and 2-7/8" relief line.
2. Set blanking plug in S.N. of 2-3/8" tbg @ 4923' and test to 3000 psi. TOH w/2-3/8" tbg. TIH w/4-1/2" csg scraper on 2-3/8" tbg. Run to 4570'. TOH.
3. MI Wireline. Set 4-1/2" RBP @ 4570' and top w/1 sx sand. Load hole w/1% KCL water. Run CBL 4570'-2494' and correlate to attached open hole log. Pressure to 800 psi during CBL, if necessary. Hot shot log to Mike Pippin (326-9848). Pressure test csg to 800 psi.
4. TIH w/2-3/8" tbg to 4460' and spot 170 gal 15% HCL acid across Menefee (4460'-4206').
Caution: Care should be taken not to get acid on old wet Cliffhouse sq perms @ 4033'-65'.
All acid on this well to contain the following additives per 1000 gal:

2 gal	CI-22	corrosion inhibitor
5 gal	Ferrotrol-300L	iron control
1 gal	Flo-back 20	Surfactant
0.5 gal	Clay Master-5C	clay control
5. Perf Menefee w/1 spf @ 4206', 11', 35', 42', 55', 4315', 19', 37', 60', 91', 95', 4411', 15', 17', 37', 44', 50', 54'. Total 18 holes. Perf w/select fire HSC gun using HSC-3125-302T 10 gr Owen jets which should give a 0.29" hole and 16.64" of penetration in concrete.
6. TIH w/4-1/2" pkr on 2-3/8" tbg and set @ 4100'. W/ 500 psi on the annulus, breakdown and attempt to balloff Menefee perms w/1500 gal 15% HCL acid and 45 RCN 7/8" 1.3 sp gr perf balls. Use same acid additives as Step #4. Max. pressure is 4700 psi. Lower pkr to 4460' to knock off perf balls. TOH.
7. Spot and fill 5-400 bbl. frac tanks w/2% KCL water. If necessary, filter all water to 25 microns. Thirteen tanks are for fracing and one tank is for breakdown water. Usable water required for frac is 1460 bbls.
8. TIH w/ 4-1/2" pkr, 1700' 2-7/8" 6.5# N-80 w/shaved collars (3.5" O.D. 2.441" I.D.) and 2450' 3-1/2" 9.3# N-80 rental frac string and set @ 4150'. W/500 psi on annulus, frac Menefee w/60,000 gals. of 30# gel and 90,000# 20/40 Arizona sand. Pump at 40 BPM. Sand to be tagged w/ 3 RA tracers. Max. pressure is 4700 psi and estimated treating pressure is 4200 psi. Pipe string friction @ 40 BPM is 2559 psi. Treat per the following:

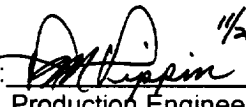
Stage	Water (Gals.)	Sand Vol. (lbs.)
Pad	15,000	---
1.0 ppg	10,000	10,000
2.0 ppg	25,000	50,000
3.0 ppg	10,000	30,000
Flush	(1,308)	0
Totals	60,000	90,000#

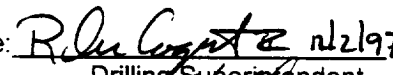
MORRIS A #13A MV - MENELEE PAY ADD

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

- * 30# J-48 (Guar Gel mix in full tank - 16,000 gal)
- * 1.0 gal. Aqua Flow (Non-ionic Surfactant mix in full tank)
- * 1.0# gvw-3 (Enzyme Breaker mix on fly)
- * 1.0# B-5 (Breaker mix on fly)
- * 0.38# - Fracide 20 (Bactericide in full tank)

9. TOH w/frac string and pkr. TIH w/retrieving tool on 2-3/8" tbg and C.O. Menelee w/air/mist to ret BP @ 4570'. **Take pitot gauges when possible.**
10. When wellbore is sufficiently clean, retrieve BP @ 4570' and TOH.
11. TIH w/3-7/8" bit on 2-3/8" tbg and C.O. to PBTD5040' w/air/mist. **Take pitot gauges when possible.** When wellbore is sufficiently clean, TOH and run after frac gamma-ray log from 4700'-3800' and Perf Eff. Log for all MV intervals from 5002' to 4000' including the sq holes from 4033'-65'.
12. TIH w/2-3/8" tbg w/standard seating nipple one joint off bottom and again cleanout to 5040'. Use expendable check if necessary. When wellbore is sufficiently clean, land tbg @ 4800' KB. **Take final water and gas rates.**
13. ND BOP and NU wellhead and tree. Rig down and release rig.

Recommended:  11/24/97
Production Engineer

Approve:  11/24/97
Drilling Superintendent

Approve:  11/25/97
Team Leader

VENDORS:

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

PMP

Pertinent Data Sheet - MORRIS A #13A MV

Location: 1500' FSL & 1190' FEL, Unit I, Section 15, T30N, R11W, San Juan County, New Mexico

Field: Blanco Mesaverde

Elevation: 5868' GL
14' KB

TD: 5155'
PBTD: 5040'

Completed: 12/17/85

Spud Date: 11/16/85

DP #: 54401A
LEASE: Fed: SF 078138
GWl: 100%
NRI: 84.375%
Prop#: 012648700

Initial Potential: SICP=1097 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"	32.3# H-40	206'	138 cf	Circ Cmt
8-3/4"	7"	20.0# K-55	2658'	529 cf	600' - Survey
6-1/4"	4-1/2" liner	10.5# K-55	2494'-5058'	446 cf	Circ 30 Bbl Cmt

Tubing Record:

<u>Tbg. Size</u>	<u>Wt. & Grade</u>	<u>Depth Set</u>	
2-3/8"	4.70# J-55 EUE	4954'	159 Jts
	S.N. @ 4923'		

Formation Tops:

Mesaverde	3849'
Menefee:	4102'
Point Lookout:	4600'

Logging Record: Induction, Density, Temp

Stimulation: Perf Lower Point Lookout w/1 spf @ 4776', 88', 94', 4802', 08', 14', 21', 27', 42', 60', 93', 4906', 22', 46', 53', 58', 5002' & fraced w/64,300# sand in slick water. Perfed upper Point Lookout w/1 spf @ 4605', 10', 14', 18', 26', 32', 37', 42', 47', 52', 69', 74', 85', 91', 96', 4720', 36', 41' & fraced w/66,600# sand in slick water. Perfed Cliffhouse w/4 spf @ 4033', 63', 64', 65' & fraced w/7610 gals slickwater. Sq Cliffhouse perfs (4033'-65') w/100 sx cmt.

Workover History: NONE

Production History: 1st delivered 1/15/85. Current MV capacity is 86 MCF/D. Cum is 487 MMCF & 1740 BO.

Pipeline: EPNG

MORRIS A #13A MV

UNIT I SECTION 15 T30N R11W
SAN JUAN COUNTY, NEW MEXICO

