

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED  
BLM

Sundry Notices and Reports on Wells

9775712 PM 12:33

1. Type of Well  
GAS

2. Name of Operator

**BURLINGTON  
RESOURCES**

OIL &amp; 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

1120'FNL, 1550'FWL, Sec. 25, T-30-N, R-11-W, NMPM

5. Lease Number  
SF-079962

6. If Indian, All. or  
Tribe Name

7. Unit Agreement Name

8. Well Name & Number  
Payne #8

9. API Well No.  
30-045-26643

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

<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other - Pay add	

13. Describe Proposed or Completed Operations

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

RECEIVED  
NOV 20 1997  
OIL & GAS DIV.

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

Signed Nancy Olthman (PMPOps) Title Regulatory Administrator Date 11/10/97

(This space for Federal or State Office use)

APPROVED BY /s/ Duane W. Spencer Title \_\_\_\_\_ Date NOV 18 1997

CONDITION OF APPROVAL, if any:

PAYNE #8 MV  
Workover Procedure  
I 25 30 11  
San Juan County, N.M.  
Lat-Long: 36.787186 - 107.945724

**PROJECT SUMMARY:** This is a Menefee pay add workover in a 1986 vintage MV well.

1. Comply to all NMOCD, BLM, and MOI 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. @ 5035' and pressure test 2-3/8" tbg to 2000 psi. TOH w/2-3/8" tbg. TIH open ended w/ 4-1/2" csg scraper on 2-3/8" tbg to 4760'. TOH.
3. MI Wireline. Set 4-1/2" RBP @ 4760' and top w/1 sx sand. Load hole w/1% KCL water. Run CBL 4760' to top of cmt and correlate to attached open hole log. **NOTE:** Upper Menefee perms will be open 4200'-06'.
4. TIH w/4-1/2" pkr on 2-3/8" tbg and set @ 4220' and pressure test RBP and 4-1/2" csg to 3000 psi. TOH.
5. Set 4-1/2" RBP @ 4180' on wireline and top w/1 sx sand.
6. TIH w/7" fullbore pkr on 2-3/8" tbg and set @ 60', pressure test RBP @ 4180', 4-1/2" csg, and 7" csg to 3000 psi. TOH. TIH w/retrieving tool on 2-3/8" tbg and retrieve BP @ 4180'. TOH.
7. TIH w/2-3/8" tbg to 4703' and spot 250 gal 15% HCL acid across Menefee (4703'-4367'). TOH.  

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
8. Perf Menefee w/1 spf from top down @ 4367', 86', 93', 4403', 26', 32', 55', 87', 4506', 20', 46', 4615', 24', 31', 39', 43', 48', 87', 92', 98', 4703'. Total 21 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.
9. TIH w/4-1/2" pkr on 2-3/8" tbg and set @ 4100'. Breakdown and attempt to balloff Menefee perms w/1500 gal 15% HCL acid and 53 RCN 7/8" 1.3 sp gr perf balls. Use same acid additives as Step #7. Max. pressure is 4500 psi. Lower pkr to 4710' to knock off perf balls. TOH.
10. TIH w/Baker 4-1/2" FH hydraulic set isolation pkrs w/1 jt 2-3/8" tbg between. Set pkrs @ ~4190' and ~4220'. The perms to be isolated are 4200'-06'. TOH.
11. Spot and fill 14-400 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 4657 bbls.

PAYNE #8 MV - MENELEE PAY ADD

12. W/ 7" pkr on 2 jts 3-1/2" N-80 tbg @ 60' to protect wellhead, frac Menefee down 7" and 4-1/2" csg and through isolation pkrs w/190,000 gals. of slick water and 150,000# 20/40 Arizona sand. Pump at 50 BPM. Sand to be tagged w/ 3 RA tracers. Max. pressure is 3000 psi and estimated treating pressure is 2400 psi. Treat per the following 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	(5,610)	0
Totals	190,000	150,000#

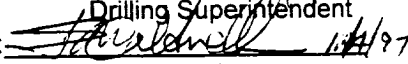
If well is on vaccum near end of frac job, cut flush as necessary to avoid overflushing and slow rate during flush. Frac with the following additives per 1000 gal frac fluid.

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

13. TOH w/2-7/8" tbg and pkr. TIH w/retrieving tools on 2-3/8" tbg and C.O. Menefee w/air/mist to isolation pkrs @ 4190' and 4220'. **Take pitot gauges when possible.**
14. When wellbore is sufficiently clean, retrieve isolation pkrs and TOH.
15. TIH w/retrieving tool on 2-3/8" tbg and C.O. Menefee w/air/mist to ret BP @ 4760'. **Take pitot gauges when possible.**
16. When wellbore is sufficiently clean, retrieve BP @ 4760' and TOH.
17. TIH w/3-7/8" bit on 2-3/8" tbg and C.O. to PBDT 5228' w/air/mist. **Take pitot gauges when possible.** When wellbore is sufficiently clean, TOH and run after frac gamma-ray log and Perf Eff. Log from 5228'-4000'.
18. TIH w/2-3/8" tbg w/standard seating nipple one joint off bottom and again cleanout to 5228'. Use expendable check if necessary. When wellbore is sufficiently clean, land tbg @ 4900' KB. **Take final water and gas rates.**
19. ND BOP and NU wellhead and tree. Rig down and release rig.

Recommended:   
Production Engineer

Approve:  4/5/97  
Drilling Superintendent

Approve:  4/4/97  
Team Leader

VENDORS:

Wireline	Blue Jet	325-5584
Fracturing:	Howco	325-3575
RA Tag:	Pro-Technics	326-7133
Pkr and Ret BP	Schlum.	325-5096

PMP

### Pertinent Data Sheet - PAYNE #8 MV

**Location:** 1120' FNL & 1550' FWL, Unit C. Section 25, T30N, R11W, San Juan County, New Mexico

**Field:** Blanco Mesaverde      **Elevation:** 6032' GL  
13' KB      **TD:** 5239'  
**PBTD:** 5228'

**Completed:** 2/10/86      **Spud Date:** 1/14/86      **DP #:** 54503A  
**LEASE:** Fed: SF 079962  
**GWI:** 100%  
**NRI:** 82.5  
**Prop#:** 072018700

**Initial Potential:** AOF=9330 MCF/D; Q=4040 MCF/D; SICP=1177 PSI

#### **Casing Record:**

<u>Hole Size</u>	<u>Csg Size</u>	<u>Wt. &amp; Grade</u>	<u>Depth Set</u>	<u>Cement</u>	<u>Cmt Top</u>
12-1/4"	9-5/8"	36# J-55	223'	138 cf	Circ Cmt
8-3/4"	7"	20.0# J-55	2747'	509 cf	1000' - Survey
6-1/4"	4-1/2" liner	10.5# J-55	2605'-5239'	459 cf	2605' @ 59% Eff.

#### **Tubing Record:**

<u>Tbg. Size</u>	<u>Wt. &amp; Grade</u>	<u>Depth Set</u>	
2-3/8"	4.70# J-55 EUE	5068'	157 Jts
	S.N. @ 5035'		

#### **Formation Tops:**

Ojo Alamo	1080'
Kirtland Shale	1200'
Fruitland:	2155'
Pictured Cliffs:	2430'
Mesaverde	4013'
Point Lookout	4760'

**Logging Record:** Induction, Density-Neutron, Temp.

**Stimulation:** Perf lower Point Lookout w/16 holes @ 4896', 4908', 47', 54', 63', 74', 84', 90', 97', 5002', 17', 21', 47', 51', 71', 81' & fraced w/63,000# sand in slickwater. Perfed upper Point Lookout w/17 holes @ 4786', 90', 93', 96', 99', 4802', 05', 08', 22', 28', 34', 39', 44', 47', 57', 60', 70' & fraced w/64,000# sand in slick water. Perfed upper Menefee w/4 spf @ 4200', 02', 04', 06' & fraced w/3,500 # sand in slick water.

**Workover History:** NONE

**Production History:** 1st delivered 4/10/86. Current MV capacity is 55 MCF/D. Cum is 549 MMCF.

**Pipeline:** EPNG

# PAYNE #8 MV

UNIT C SECTION 25 T30N R11W  
SAN JUAN COUNTY, NEW MEXICO

