

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

1680' FSL 1580' FEL, Sec. 28, T-28-N, R-9-W, NMPM

5. Lease Number

SF-077107-A

6. If Indian, All. or  
Tribe Name

Unit Agreement Name

8. Well Name & Number

Hancock B #1A

9. API Well No.

30-045-26375

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

RECEIVED  
BLM  
99 MAR -4 PM 2:35  
OTO FARMINGTON, NM

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

Signed *John Starbuck* (PIP) Title Regulatory Administrator Date 3/2/99

TLW

(This space for Federal or State Office use)

APPROVED BY *Chip Haraden* Title Acting Team Lead Date 3/12/99

CONDITION OF APPROVAL, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOCD

HANCOCK B #1AMV  
Workover Procedure  
J 28 28 9  
San Juan County, N.M.  
Lat-Long: 36 – 37.81' – 107 – 47.38'

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

1. Comply to all NMOCD, BLM, and BROG rules and regulations. MOL and RU completion rig. NU 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 @ 5628' 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 5290'. TOH.
3. MI wireline. TIH w/4-1/2" top drillable BP and set @ 5290'. Load hole w/1% KCL water. Run CBL from 5290' to top of cmt in 4-1/2" csg and to TOC in 7" csg. TIH w/4-1/2" pkr on 2 jts 2-3/8" tbg & set @ 60'. Pressure test csg and BP to 3000 psi.
4. TIH w/2-3/8" tbg to 5258' and spot 170 gal 15% HCL acid across Menefee (5015'-5258'). 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
5. Perf Menefee w/ 2 spf @ 5015', 17', 40', 43', 63', 68', 75', 78', 85', 88', 5109', 5254', 56', 58'. Total 28 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 @ 5250'. Pressure test BP @ 5290' to 4550 psi. PU and reset pkr @ 4800'. W/1000 psi on backside, breakdown and attempt to balloff MV perfs w/1500 gal 15% HCL acid and 70 RCN 7/8" 1.3 sp gr perf balls. Use same acid additives as Step #4. Max. pressure is 4550 psi. Lower pkr to 5270' to knock off perf balls. TOH.
7. Spot and fill 14-400 bbl. frac tanks w/1% 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 4603 bbls.
8. TIH w/ 4-1/2" pkr on 2 jts 2-7/8" N-80 tbg and set @ 60' to protect wellhead. Frac Menefee down 4-1/2" csg 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 2200 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	<u>(3,345)</u>	<u>0</u>
Totals	190,000	150,000#

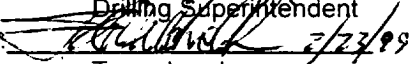
If well is on vacuum near end of frac job, cut flush as necessary to avoid overflushing and slow rate during flush. Frac with the following additives per 1000 gal frac fluid.

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

9. TOH w/2-7/8" tbg and pkr. TIH w/3-7/8" bit on 2-3/8" tbg and C.O. Menelee w/air/mist to BP @ 5290'. **Take pitot gauges when possible.**
10. When wellbore is sufficiently clean, drill BP @ 5290'.
11. C.O. to PBTD5730' w/air/mist. **Take pitot gauges when possible.** When wellbore is sufficiently clean, TOH and run after frac gamma-ray log 5400'-4900'.
12. TIH w/2-3/8" tbg w/standard seating nipple one joint off bottom and again cleanout to 5730'. Use expendable check if necessary. When wellbore is sufficiently clean, land tbg @ 5500' KB. **Take final water and gas rates.**
13. ND BOP and NU wellhead and tree. Rig down and release rig.

Recommended:  2/23/99  
Production Engineer

Approve:  2/23/99  
Drilling Superintendent

Approve:  2/23/99  
Team Leader

VENDORS:

Wireline	Basin	327-5244
Fracturing:	Howco	325-3575
RA Tag:	Pro-Technics	326-7133
Pkr	Schlum.	325-5006

PMP

# HANCOCK B #1A MV

UNIT J SECTION 28 T28N R9W  
SAN JUAN COUNTY, NEW MEXICO

