

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

790' FSL 1850' FEL, Sec. 26, T-28-N, R-9-W, NMPM

5. Lease Number
NM-04209

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

8. Well Name & Number
Hancock A #2A

9. API Well No.
30-045-26413

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 ☐ Change of Plans
☐ Recompletion ☐ New Construction
☐ 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.

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

Signed [Signature] Title Regulatory Administrator Date 2/16/99
TLW

(This space for Federal or State Office use)

APPROVED BY [Signature] Title Reg. Eng. Date 2/18/99

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 A #2A MV
Workover Procedure
O 26 28 9
San Juan County, N.M.
Lat-Long: 36-37.67' - 107-45.29'

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 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 @ 4771' 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 4400'. TOH.
3. MI Wireline. Set 4-1/2" drillable BP @ 4400'. Attempt to load hole w/1% KCL. Run an advanced integrated data processed GSL neutron log 4400'-3700' and correlate to attached open hole log.
4. TIH w/4-1/2" pkr on 2-3/8" tbg and set 4350'. Pressure test drillable BP @ 4400' to 3000 psi. **(Bottom of existing Menefee perfs @ 4312')**. TOH.
5. MI wireline. Set 4-1/2" retrievable BP @ 4250' and top w/1 sx sand **(Top Menefee perf is @ 4292')**. TIH w/7" pkr and set @ 60' and pressure test 7" and 4-1/2" csg to 3000 psi. TOH w/7" pkr. TIH w/4-1/2" retrieving tool on 2-3/8" tbg to retrieve BP @ 4250' and TOH.
6. TIH w/2-3/8" tbg open ended to 4333' and spot 300 gal 15% HCL acid across Menefee (~3902'-4333'). 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
7. Using new GSL log perf Menefee w/1 spf w/ about 18 holes from ~3902' to 4333'. 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.
8. TIH w/4-1/2" pkr on 2-3/8" tbg and set @ 3700'. Breakdown and attempt to balloff Menefee perfs w/1500 gal 15% HCL acid and 45 RCN 7/8" 1.3 sp gr perf balls. Use same acid additives as Step #6. Max. pressure is 4550 psi. Lower pkr to 4340' to knock off perf balls. TOH.
9. Spot and fill 11-400 bbl. frac tanks w/2% KCL water. If necessary, filter all water to 25 microns. Ten tanks are for fracing and one tank is for breakdown water. Usable water required for frac is 3,450 bbls.
10. TIH w/ 7" pkr on 2 jts 2-7/8" 6.5 N-80 tbg and set @ 60'. Frac Menefee w/140,000 gals. of slick water and 120,000# 20/40 Arizona sand. Pump at 60 BPM. Sand to be tagged w/ 3 RA tracers. Max. pressure is 3000 psi and estimated treating pressure is 2500 psi. Treat per the following:

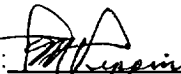
HANCOCK A #2A MV - MENELEE PAY ADD


<u>Stage</u>	<u>Water (Gals.)</u>	<u>Sand Vol. (lbs.)</u>
Pad	30,000	---
0.5 ppg	20,000	10,000
1.0 ppg	50,000	50,000
1.5 ppg	40,000	60,000
Flush	<u>(4,918)</u>	<u>0</u>
Totals	140,000	120,000#

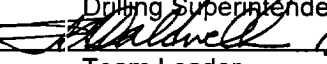
If well is on vacuum near end of frac job, cut flush as necessary to avoid overflushing and slow rate during flush. Frac with the following additives per 1000 gal frac fluid.

- * 0.75 gal FRW-30 (Friction Reducer)
- * 1.0 gal. Flowback 20 (Surfactant)

11. TOH w/2-7/8" tbg and pkr. TIH w/3-7/8" bit on 2-3/8" tbg and C.O. Menefee w/air/mist to BP @ 4400'. Take pitot gauges when possible.
12. When wellbore is sufficiently clean, drill BP @ 4400' and C.O. to PBT4822' w/air/mist.
13. When wellbore is sufficiently clean, TOH and run after frac gamma-ray log from 4822'-3700' and Perf Eff. Log for all MV intervals from 4822' to 3700'.
14. TIH w/2-3/8" tbg w/standard seating nipple one joint off bottom and again cleanout to 4822'. Use expendable check if necessary. When wellbore is sufficiently clean, land tbg @ 4600' KB. Take final water and gas rates.
15. ND BOP and NU wellhead and tree. Rig down and release rig.

Recommended:  1/5/99
Production Engineer

Approve:  1/11/99
Drilling Superintendent

Approve:  1/6/99
Team Leader

VENDORS:

Wireline	Blue Jet	325-5584
Fracturing:	Howco	325-3575
RA Tag:	Pro-Technics	326-7133
Pkrs and Ret BP	Schlum.	325-5006

PMP

HANCOCK A #2A MV

UNIT O SECTION 26 T28N R9W
SAN JUAN COUNTY, NEW MEXICO

