

submitted in lieu of Form 3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
BLM

Sundry Notices and Reports on Wells

99 FEB 18 PM 1:28

070 FARMINGTON, NM

1. Type of Well

GAS

5. Lease Number

SF-077111

6. If Indian, All. or

Tribe Name

7. Unit Agreement Name

2. Name of Operator

**BURLINGTON
RESOURCES**

OIL & GAS COMPANY

RECEIVED
FEB 22 1999

3. Address & Phone No. of Operator

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

OIL CON. DIV.
DIST. 3

8. Well Name & Number

Lackey #1

9. API Well No.

30-045-07107

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

990' FSL 990' FWL, Sec. 26, T-28-N, R-9-W, NMPM

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.

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

Signed [Signature] (PMP) Title Regulatory Administrator Date 2/16/99

TLW

(This space for Federal or State Office use)

APPROVED BY [Signature] Title Act. Eng. Date 2/19/99

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

LACKEY #1 MV
Workover Procedure
M 26 28 9
San Juan County, N.M.
Lat-Long: 36-37.71' - 107-45.79'

PROJECT SUMMARY: This is a Menefee payadd in a 1950 MV well that was sidetracked in 1996.

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. TOH w/2-3/8" tbg. TIH w/4-1/2" csg scraper on 2-3/8" tbg. Run to 4460'. TOH.
3. MI Wireline. Set 4-1/2" drillable BP @ 4450'. Load hole w/1% KCL water. TIH w/4-1/2" pkr on 2-3/8" tbg and set 4400'. Pressure test drillable BP @ 4450' to 3800 psi. (**Bottom existing Menefee perfs @ 4381'**). TOH.
4. Set 4-1/2" retrievable BP @ 4250' on wireline and top w/1 sx sand (**Top Menefee perf is @ 4263'**). TIH w/4-1/2" pkr on 2 jts 2-3/8" tbg and set @ 60'. Pressure test 4-1/2" csg to 3800 psi. TOH w/ pkr. TIH w/4-1/2" retrieving tool on 2-3/8" tbg to retrieve BP @ 4250' and TOH.
5. TIH w/2-3/8" tbg to 4420' and spot 160 gal 15% HCL acid across Menefee (4189'-4419').
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
6. Perf Menefee w/1 spf @ 4189', 91', 93', 95', 4235', 37', 40', 59', 61', 64', 4302', 04', 06', 77', 86', 4410', 15', 19'. Total 18 holes. Two holes exist @ 4263', and 4381'. 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.
7. TIH w/4-1/2" pkr on 2-3/8" tbg and set @ 4000'. W/ 1000 psi on the annulus, breakdown and attempt to balloff Menefee perfs w/1500 gal 15% HCL acid and 50 RCN 7/8" 1.3 sp gr perf balls. Use same acid additives as Step #4. Max. pressure is 4550 psi. Lower pkr to 4420' to knock off perf balls. TOH.
8. Spot and fill 10-400 bbl. frac tanks w/1% KCL water. If necessary, filter all water to 25 microns. Nine tanks are for fracing and one tank is for breakdown water. Usable water required for frac is 3160 bbls.
9. TIH w/ 4-1/2" pkr on 2 jts 2-7/8" tbg w/shaved collars to protect wellhead and set @ about 60'. Frac Menefee down 4-1/2" csg w/130,000 gal of slick water & 100,000# 20/40 Arizona sand. Pump at 50 BPM. Sand to be tagged w/3 isotopes. Max. pressure is 3800 psi & estimated treating pressure is 2400 psi. Treat per the following schedule:




LACKEY #1 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	60,000	60,000
1.5 ppg	20,000	30,000
Flush	(2,680)	0
Totals	130,000	100,000#

If well is on vacuum near end of frac job, cut flush as necessary to avoid over-flushing 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)

10. TOH w/ tbg and pkr. TIH w/3-7/8" bit on 2-3/8" tbg and C.O. Menefee w/air/mist to BP @ 4450'. Take pitot gauges when possible.
11. When wellbore is sufficiently clean, drill BP @ 4450' and CO to PBTD 5048' w/air/mist. Take pitot gauges when possible.
12. When wellbore is sufficiently clean, TOH and run after frac gamma-ray log from 4850'-4000' and Perf Eff. Log for all MV intervals from 4850' to 4000'.
13. TIH w/2-3/8" tbg w/standard seating nipple one joint off bottom and again cleanout to 5048'. Use expendable check if necessary. When wellbore is sufficiently clean, land tbg @ 4500' KB. Take final water and gas rates.
14. ND BOP and NU wellhead and tree. Rig down and release rig.

Recommended:  4/5/99 Production Engineer
 Approve:  1/11/99 Drilling Superintendent
 Approve:  1/6/99 Team Leader

VENDORS:

Wireline	Basin	327-5244
Fracturing:	Howco	327-6222
RA Tag:	Pro-Technics	326-7133
Pkr	Schlum.	325-5096

PMP

LACKEY #1 MV

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

