

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

1580' FNL 1670' FEL, Sec.13, T-30-N, R-11-W, NMPM

5. Lease Number
SF-078198

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

8. Well Name & Number
Nye #14E

9. API Well No.
30-045-24461

10. Field and Pool
Blanco MV/Basin DK

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 and commingle the Mesaverde and Dakota formations of the subject well according to the attached procedure and wellbore diagram.

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

Signed Duane W. Spencer (PMP) Title Regulatory Administrator Date 2/16/99
TLW

(This space for Federal or State Office use)

APPROVED BY /s/ Duane W. Spencer Title Team Lead, Petroleum Management Date FEB 24 1999
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

NYE #14E MV/DK
Workover Procedure
G 13 30 11
San Juan County, N.M.
Lat-Long: 36 – 48.87' – 107 – 56.34'

PROJECT SUMMARY: This is a Menefee payadd in a 1981 vintage dual MV/DK well. The MV and DK will be then be commingled.

1. Comply to all NMOC, 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/1-1/2" IJ MV tbq. Set blanking plug in S.N. of 1-1/2" tbq @ 7162' and test to 3000 psi. TOH w/1-1/2" DK tbq and 5-1/2" Otis Perma-Latch pkr which was set @ 5198'.
NOTE: Blast jts @ 4899'-5132'). Lay down blast jts. TIH w/5-1/2" csg scraper on 2-3/8" rental tbq work string. Run to 4850'. TOH.
3. TIH w/5-1/2" ret BP and set @ 4850' and top w/1 sx sand. Load hole w/1% KCL water. TOH. Pressure test 7-5/8" csg, 5-1/2" csg, and 5-1/2" RBP to 500 psi.
4. W/2-3/8" tbq @ 4800', spot 250 gal 15% HCL acid across Menefee perf interval (4582'-4793'). 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/ 1 spf @ 4582', 87', 93', 98', 4634', 39', 44', 69', 72', 93', 4704', 07', 21', 24', 46', 48', 63', 93'. 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/5-1/2" pkr on 3-1/2" 9.3# N-80 w/shaved collars (4.25" O.D. 2.992" I.D.) rental frac string & set @ 4440'. (Run 2 jts 2-7/8" N-80 tbq above pkr). W/ 500 psi on 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 4550 psi. Lower pkr to 4800' to knock off perf balls. Reset pkr @ 4520'.
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 4631 bbls.
8. Frac Menefee down 3-1/2" frac string w/190,000 gals. of slick water and 150,000# 20/40 Arizona sand. Pump at 40 BPM. Sand to be tagged w/ 3 RA tracers. Max. pressure is 6000 psi and estimated treating pressure is 4202 psi. Friction pressure due to frac string is 1788 psi. Treat per the folowing 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	(4,500)	0
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. Open well through choke manifold and monitor flow. Flow @ 20 bbl/hr. or less, if sand is observed. Take pitot gauges when possible. TOH w/3-1/2" tbg and pkr.
10. TIH w/retrieving tool on 2-3/8" tbg and C.O. MV w/air/mist to ret BP @ 4850'. Take pitot gauges when possible.
11. When wellbore is sufficiently clean, retrieve BP @ 4850' and TOH.
12. TIH w/4-3/4" bit on 2-3/8" tbg and C.O. to top of 4" liner @ 6806' 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 4800'-4400'.
13. TIH w/1-1/2" EUE production tbg (run 450' 1-1/2" IJ tbg on bottom; original 1-1/2" IJ tbg was only 354') w/standard seating nipple one joint off bottom (do not run blast jts) and cleanout to 7195'. Use expendable check and 3-1/4" bit, if necessary. When wellbore is sufficiently clean, land tbg @ 7150' KB. Take final water and gas rates.
14. ND BOP and NU wellhead and tree. Rig down and release rig.

Recommended:

 12/1/98
Production Engineer

Approve:

 12/14/98
Drilling Superintendent
Approve:  12/8/98
Team Leader

VENDORS:

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

PMP

NYE 14E MV/DK

UNIT G SECTION 13 T30N R11W
SAN JUAN COUNTY, NEW MEXICO

