

State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division

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

2085' FNL 1330' FWL, Sec. 16, T-27-N, R-8-W, NMPM, San Juan County

API # (assigned by OCD)

30-045-29467

5. Lease Number

6. State Oil & Gas Lease #

E-6634

7. Lease Name/Unit Name

Schultz State

8. Well No.

#12A

9. Pool Name or Wildcat

Blanco Mesaverde

10. Elevation:

Type of Submission

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment

Type of Action

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other -

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut off

☐ Conversion to Injection

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.

SIGNATURE [Signature] (PMP) Regulatory Administrator February 16, 1999

TLW

(This space for State Use)

ORIGINAL SIGNED BY ERNIE BUSCH

DEPUTY OIL & GAS INSPECTOR, DIST. #3

Approved by

Title

Date

FEB 19 1999

J

SCHULTZ STATE #12A MV
Workover Procedure
F 16 27 8
San Juan County, N.M.
Lat-Long: 36-34.55' - 107-41.44'

PROJECT SUMMARY: This is a Menefee payadd in a 1998 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. TOH w/2-3/8" tbg. TIH w/4-1/2" csg scraper on 2-3/8" tbg. Run to 4450'. TOH.
3. MI Wireline. Set 4-1/2" drillable BP @ 4450'. Load hole w/1% KCL water. TIH w/7" pkr on 2 jts 2-3/8" tbg and set @ about 60'. Pressure test csg and BP to 3000 psi.
4. TIH w/2-3/8" tbg to 4420' and spot 200 gal 15% HCL acid across Menefee (4134'-4418').
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 @ 4134', 37', 54', 61', 68', 73', 83', 4203', 06', 52', 82', 4301', 49', 54', 85', 90', 94', 97', 4411', 15', 18'. 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.
6. TIH w/4-1/2" pkr on 2-3/8" tbg and set @ 3900'. W/ 1000 psi on the annulus, 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 #4. Max. pressure is 4550psi. Lower pkr to 4430' to knock off perf balls. TOH.
7. 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 3213 bbls.
8. TIH w/ 7" pkr on 2 jts 2-7/8" tbg to protect wellhead and set @ about 60'. Frac Menefee down 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 3000 psi & estimated treating pressure is 2400 psi. Treat per the following schedule:

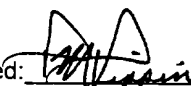
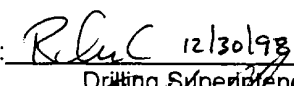
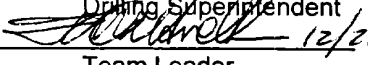
<u>Stage</u>	<u>Water (Gals.)</u>	<u>Sand Vol. (lbs.)</u>
Pad	30,000	—
0.5 ppg	20,000	10,000
1.0 ppg	60,000	60,000
1.5 ppg	20,000	30,000
Flush	<u>(4,954)</u>	<u>0</u>
Totals	130,000	100,000#

SCHULTZ STATE #12A MV - MENELEE PAY ADD

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)

9. TOH w/ tbg and pkr. TIH w/3-7/8" bit on 2-3/8" tbg and C.O. Menelee w/air/mist to BP @ 4450'. Take pitot gauges when possible.
10. When wellbore is sufficiently clean, drill BP @ 4450' and CO to PBTD 4926' w/air/mist. Take pitot gauges when possible.
11. When wellbore is sufficiently clean, TOH and run after frac gamma-ray log from 4926'-4000' and Perf Eff. Log for all MV intervals from 4926' to 4000'.
12. TIH w/2-3/8" tbg w/standard seating nipple one joint off bottom and again cleanout to 4926'. Use expendable check if necessary. When wellbore is sufficiently clean, land tbg @ 4500' KB. Take final water and gas rates.
13. ND BOP and NU wellhead and tree. Rig down and release rig.

Recommended:  12/18/98 Approve:  12/30/98
Production Engineer Drilling Superintendent
Approve:  12/22/98
Team Leader

VENDORS:

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

PMP

SCHULTZ STATE #12A MV

UNIT F SECTION 16 T27N R8W
SAN JUAN COUNTY, NEW MEXICO

