

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

Sundry Notices and Reports on Wells


<p>1. Type of Well GAS</p> <hr/> <p>2. Name of Operator <b>BURLINGTON RESOURCES</b> OIL &amp; GAS COMPANY</p> <hr/> <p>3. Address &amp; Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700</p> <hr/> <p>4. Location of Well, Footage, Sec., T, R, M 1050' FNL, 1190' FEL, Sec. 18, T-30-N, R-11-W, NMPM, San Juan County</p>	<p>API # (assigned by OCD) 30-045-09562</p> <p>5. Lease Number Fee</p> <p>6. State Oil&amp;Gas Lease #</p> <p>7. Lease Name/Unit Name James Scott</p> <p>8. Well No. 1</p> <p>9. Pool Name or Wildcat Blanco MV/Basin DK</p> <p>10. Elevation: 5560 GR</p>
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Type of Submission	Type of Action
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment <input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input checked="" type="checkbox"/> Recompletion <input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment	<input checked="" type="checkbox"/> Plugging Back <input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair <input type="checkbox"/> Water Shut off
	<input type="checkbox"/> Altering Casing <input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other - abandon Dakota

13. Describe Proposed or Completed Operations

It is intended to plug back the subject well to the Mesaverde formation according to the attached procedure and wellbore diagram. The Dakota formation will be abandoned.

**RECEIVED**  
NOV 15 1996  
OIL CON. DIV.  
DIST. 3

SIGNATURE  (PMP2) Regulatory Administrator November 14, 1996

(This space for State Use)

Approved by Original Signed by FRANK I. CHAVEZ Title SUPERVISOR DISTRICT #3 Date NOV 15 1996

District I  
PO Box 1980, Hobbs, NM 88241-1980  
District II  
PO Drawer DD, Artesia, NM 88211-0719  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
PO Box 2088  
Santa Fe, NM 87504-2088

Form C-107  
Revised February 21, 1990  
Instructions on back:  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
30-045-09562	72319/71599	Blanco Mesaverde/Basin Dakota
Property Code	Property Name	Well Number
7496	James Scott	1
OGRID No.	Operator Name	Elevation
14538	BURLINGTON RESOURCES OIL & GAS COMPANY	5560'

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	18	30-N	11-W		1050	North	1190	East	S.J.

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

12 Dedicated Acres	13 Joint or Infill	14 Consolidation Code	15 Order No.
MV-N/325.90			
DK N/325.90			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

Not resurveyed, prepared from a plat by D.E. Baxter dated 2-23-68.	1050'	1190'	17 OPERATOR CERTIFICATION
			I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief
			Signature Peggy Bradfield Printed Name Regulatory Administrator Title 11-14-96 Date
18	RECEIVED NOV 15 1996 OIL CON. DIV. DIST. 3	1190'	18 SURVEYOR CERTIFICATION
			I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.
			11/13/96 Date of Survey Signature and Seal of Professional Surveyor NEALE C. EDWARDS NEW MEXICO 6857 Certificate Number

SCOTT JAMES #1 MV  
Recompletion Procedure  
A 18 30 11  
San Juan County, N.M.  
Lat-Long: 36.816635 - 108.026535

1. Comply to all NMOCD, BLM, & MOI rules & regulations. MOL and RU completion rig. NU 6" 900 series BOP w/flow tee and stripping head. Test operation of rams. NU blooie line & 2-7/8" relief line.
2. TOH w/2-3/8" tbg. Make 5-1/2" scraper run w/tbg tester to 6343' on 2-3/8" tbg & test tbg to 3000 psi. TOH. Run 5-1/2" cmt ret on tested 2-3/8" tbg & set @ 6343'. Sq DK perfs w/50 sx cmt. This will fill inside csg from bottom perf to cmt retainer w/100% excess cmt. Sting out of ret & dump 2 sx cmt on top cmt ret.
3. PU tbg & spot 16 sx cmt 5563'-5463'. This will fill inside the csg 50' above & below top of Gallup w/50% excess. Reverse out cmt & roll hole w/1% KCL water. TOH.
4. MI Blue Jet. Run CBL & an advanced integrated data processing GSL neutron log 4550'-3500' & 2050'-1500'. Set CIBP @ 4600'. Pressure test 5-1/2" csg to 300 psi.

**Point Lookout Completion:**

5. Using GSL log, Perf about 25 0.29" holes in the (Point Lookout) MV w/1 spf from about 4460' to 4310'. Perf w/select fire HSC gun using HSC-3125-302T 10 gr Owen jets which should give a 0.29" hole & 16.64" of penetration in concrete.
6. Spot & fill 10-400 bbl. frac tanks w/2% KCL water. If necessary, filter all water to 25 microns. Nine tanks are for fracing & one tank is for breakdown water. Usable water required for frac is 3132 bbls.
7. 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 @ 4100'. (Run 2 jts 2-7/8" N-80 tbg above pkr). Load backside w/1% KCL water. Pressure backside to 300 psi & monitor during breakdown & frac job.
8. Breakdown (Point Lookout) MV perfs w/1500 gal. 15% HCL acid & 62 7/8" 1.3 sp gr RCN perf balls. Max. pressure is 5000 psi. Lower pkr to 4480' to knock off perf balls. Reset pkr @ 4200'.  

Acid Additives per 1000 gal:	2 gal CI-22	Corrosion Inhibitor
	5 gal Ferrotrol 300L	Iron Control
	1 gal Flowback 20	Surfactant
9. Frac (Point Lookout) MV down frac string w/130,000 gals. of slick water & 100,000# 20/40 Arizona sand. Pump at 40 BPM. Sand to be tagged w/ 0.4 mCi/1000# Ir-192 tracer. Max. pressure is 5000 psi & estimated treating pressure is 2850 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	(1,552)	0
Totals	130,000	100,000#

# SCOTT JAMES #1 MV - MV RECOMPLETION

If well is on vacuum near end of frac job, cut flush as necessary to avoid over-flushing & 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)
- \* 0.38# - X-Cide 207 (Bactericide)

10. Wait 2 hrs after frac. TOH w/5-1/2" pkr & frac string. Using wireline, set 5-1/2" ret BP @ 4270' & top w/1 sx sand. Load hole w/1% KCL. . Pressure test 5-1/2" csg to 300 psi.

## **Menefee Completion:**

11. Using GSL log, Perf about 25 0.29" holes in the (Menefee) MV w/1 spf from about 3875' to 4230'. Perf w/select fire HSC gun using HSC-3125-302T 10 gr Owen jets which should give a 0.29" hole & 16.64" of penetration in concrete.
12. Fill 8-400 bbl. frac tanks w/2% KCL water. If necessary, filter all water to 25 microns. Seven tanks are for fracting & one tank is for breakdown water. Usable water required for frac is 2414 bbls.
13. 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 @ 3700'. (Run 2 jts 2-7/8" N-80 tbg above pkr). Load backside w/1% KCL water. Pressure backside to 300 psi & monitor during breakdown & frac job.
14. Breakdown (Menefee) MV perfs w/1500 gal. 15% HCL acid & 62 7/8" 1.3 sp gr RCN perf balls. Max. pressure is 5000 psi. Lower pkr to 4250' to knock off perf balls. Reset pkr @ 3800'.  
 Acid Additives per 1000 gal:
 

2 gal CI-22	Corrosion Inhibitor
5 gal Ferrotrol 300L	Iron Control
1 gal Flowback 20	Surfactant
15. Frac (Menefee) MV down frac string w/100,000 gals. of slick water & 80,000# 20/40 Arizona sand. Pump at 40 BPM. Sand to be tagged w/ 0.4 mCi/1000# Ir-192 tracer. Max. pressure is 5000 psi & estimated treating pressure is 3000 psi. Treat per the following schedule:

<b><u>Stage</u></b>	<b><u>Water (Gals.)</u></b>	<b><u>Sand Vol. (lbs.)</u></b>
Pad	20,000	—
0.5 ppg	20,000	10,000
1.0 ppg	40,000	40,000
1.5 ppg	20,000	30,000
Flush	<u>(1,400)</u>	<u>0</u>
Totals	100,000	80,000#

If well is on vacuum near end of frac job, cut flush as necessary to avoid over-flushing & 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)
- \* 0.38# - X-Cide 207 (Bactericide)

16. TOH w/frac string & pkr. TIH w/retrieving head on 2-3/8" tbg & C.O. MV w/air/mist to ret BP @ 4270'. **Take pitot gauges when possible.**
17. When wellbore is sufficiently clean, retrieve BP @ 4270' & TOH.

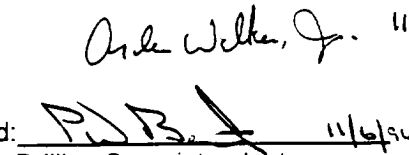
SCOTT JAMES #1 MV - MV RECOMPLETION

18. TIH w/4-3/4" bit on 2-3/8" tbg & clean out w/air/mist to 4600'. **Take pitot gauges when possible.** When wellbore is sufficiently clean, TOH & run after frac gamma-ray log & perf eff log from 4600'-3600'.
19. TIH w/2-3/8" 4.7# J-55 EUE tbg w/standard seating nipple one joint off bottom & again cleanout to 4600'. When wellbore is sufficiently clean, land tbg @ 4300' KB. **Take final water and gas rates.**
20. ND BOP & NU wellhead & tree. Rig down & release rig.

Recommended:

  
Production Engineer

Approved:

 11/4/96  
Drilling Superintendent

VENDORS:

Wireline:	Blue Jet	325-5584
Fracturing:	BJ	327-6222
RA Tag:	Pro-Technics	326-7133

PMP

**Pertinent Data Sheet - SCOTT JAMES #1**

**Location:** 1050' FNL & 1190' FEL, Unit A, Section 18, T30N, R11W, San Juan County, New Mexico

**Field:** Blanco Mesaverde

**Elevation:** 5560' GL  
11' KB

**TD:** 6682'  
**PBTD:** 6650'

**Completed:** 11-9-60    **Spud Date:** 10-13-60

**DP #:** DK=11008A  
MV=11008B

**Lease:** Fee

**GWl:** DK=50.00%

**NRI:** DK=35.51%

**Prop#:** MV=???3403  
DK=???9705

**Initial Potential:**

CAOF=4238 MCF/D; Q=3853 MCF/D; SICP=2406 PSI

**Casing Record:**

<u>Hole Size</u>	<u>Csg Size</u>	<u>Wt. &amp; Grade</u>	<u>Depth Set</u>	<u>Cement</u>	<u>Cement (Top)</u>
12-1/4"	9-5/8"	32.4# K-55	327'	250 sx.	N/A
e7-7/8"	5-1/2"	17# N-80	6682'	325 sx.	5022' @ 75% Eff.
			DV Tool @ 4553'	175 sx	3659' @ 75% Eff.
			DV Tool @ 2013'	125 sx	1375' @ 75% Eff.

**Tubing Record:**

<u>Tbg. Size</u>	<u>Wt. &amp; Grade</u>	<u>Depth Set</u>
2-3/8"	4.7# J-55	6564'

**Formation Tops:**

Ojo Alamo:	442'	Menefee	3655'
Kirtland Shale:	550'	Point Lookout	4300'
Fruitland:	1595'	Gallup	5513'
Pictured Cliffs:	1925'	Dakota	6452'

**Logging Record:** Induction

**Stimulation:** Perfed Lower DK @ 6624'-44' w/4 spf & squeezed w/50 sx cmt. Perfed DK @ 6553'-67' w/4 spf & fraced w/40,000# sand in water. Perfed DK @ 6462'-78', 6452'-56' w/4 spf & fraced w/17,500# sand in water. Perfed 6462'-78' w/2 bpf & 6478'-80' w/6 bpf& fraced w/5,000# sand in water. Perfed 6393'-6409'w/4 spf & 6497'-99', 6505'-09' w/4 bpf & fraced w/35,000# sand in water.

**Workover History:** NONE

**Production History:** 1st delivered 11/60 as a DK well. Cum is 707 MCF. DK capacity is 0 MCF/D.

**Pipeline:** EPNG

# SCOTT JAMES #1

UNIT A SECTION 18 T30N R11W  
SAN JUAN COUNTY, NEW MEXICO

