

submitted in lieu of Form 3160-5

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

990' FSL, 1650' FWL, Sec. 11, T-31-N, R-12-W, NMPM

5. Lease Number
SF-077648

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

8. Well Name & Number
Davis #8

9. API Well No.
30-045-10857

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 - Commingle

13. Describe Proposed or Completed Operations

It is intended to add the Mesaverde formation to the subject well according to the attached procedure and wellbore diagram. After recompletion the well will be down hole commingled. A down hole commingle application will be applied for.

RECEIVED
MAY - 9 1997

OIL CON. DIV.
DIST. 3

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

Signed Duane W. Spencer (MEL4) Title Regulatory Administrator Date 4/26/97

(This space for Federal or State Office use)

APPROVED BY AS/Duane W. Spencer Title _____

Date MAY - 6 1997

CONDITION OF APPROVAL, if any:

NMOC

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

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97 APR 30 PM 1:13

Form C
Revised February 21, 1997
Instructions on Form C
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
30-045-10857	72319/71599	Blanco Mesaverde/Basin Dakota
Property Code	Property Name	Well Number
18509	Davis	8
OGRID No.	Operator Name	Elevation
14538	BURLINGTON RESOURCES OIL & GAS COMPANY	6353'

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
0	11	31-N	12-W		990	South	1650	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-E/305.96			
DX-E/305.96			

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

16	4	3	2	1	OPERATOR CERTIFICATION	
Not resurveyed, prepared from a plat by Ernest V. Echohawk dated 9-6-62.					I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
RECEIVED MAY - 8 1997 OIL CON. DIV. DIST. 3					Signature Peggy Bradfield	
					Printed Name Regulatory Administrator	
5					Title	
6					Date 4-28-97	
12					18 SURVEYOR CERTIFICATION	
11					I hereby certify that the well location shown on this was plotted from field notes of actual surveys made or under my supervision, and that the same is true, correct to the best of my belief.	
10					Date of Survey 4/24/97	
9					Signature and Seal of Professional Surveyor	
13					NEALE C. EDWARDS NEW MEXICO 6857	
14					6857	
15					Certificate Number	
16						

Davis 8 - Mesaverde
Recompletion/Commingle Procedure
Lat-Long: 36° - 54.52' / 108° - 3.72'
Unit O, Section 11, T31N-R12W
March 21, 1997

1. Hold safety meeting. Comply with all MOI, BLM and NMOCD rules and regulations. Install 14 frac tanks and 1x400 bbl rig tank. Fill each frac tank with 3#'s of biocide and filtered (25 micron) 2% KCl water.
2. Obtain and record all wellhead pressures. NU relief line. Blow well down and kill with 2% KCL water as necessary. ND WH and NU BOP.
3. TOOH w/ 2-3/8" Dakota tubing set at $\pm 7318'$ and stand back. Inspect tubing and replace bad tubing as necessary.
4. PU 3-7/8" bit and 4-1/2" (11.6#) casing scraper on 2-3/8" tubing and clean out to PBTD of $\pm 7569'$. Blow hole clean with air/mist. Obtain pitot gauge and record on morning report. TOOH.
5. RIH and wireline set a 4-1/2" CIBP @ $\pm 7300'$. Load hole from surface with 2% KCL water.
6. Run CBL/CCL/GR from 5600' to surface. Send logs immediately to office. (The logs will be used to select perforations and verify BP setting depths.)
7. TIH w/ 4-1/2" fullbore packer and two joints of 2-7/8" N-80 buttress frac string. Pressure test casing to 3800 psi. TOOH and stand back frac string and packer.
8. Perforate the Point Lookout interval ($\pm 5185' - \pm 5550'$) using 3-1/8" HSC guns with 10 gram charges and 0.29" diameter holes. (Perforations will be provided after reviewing logs.)
9. Inspect guns to ensure all perforations fired.
10. TIH w/ 4-1/2" fullbore packer and two joints of 2-7/8" N-80 buttress frac string.
11. Balloff Point Lookout perforations with 2000 gallons of 15% HCL acid and RCN balls (2 balls per perforation hole). Maximum allowable treating pressure is 3800 psi. . TOOH and stand back frac string and packer. RU wireline, retrieve balls w/ 4-1/2" junk basket and report number of hits.
12. TIH w/ 4-1/2" fullbore packer and two joints of 2-7/8" N-80 buttress frac string.

13. RU frac company. Hold safety meeting. Pressure test surface lines to 4800 psi. **(Maximum allowable treating pressure is 3800 psi.)** Fracture Stimulate Point Lookout interval at 50 BPM using slickwater and 100,000 #'s of 20/40 Arizona sand tagged w/ Iridium. (See attached procedure.) Do not over displace during flush. Shut in well immediately after completion of the stimulation until pressure falls to zero.
14. Release packer and TOOH standing back frac string and packer. Check and inspect packer.
15. TIH w/ 4-1/2" RBP and set @ $\pm 5150'$. TIH w/ 4-1/2" fullbore packer, load hole with 2% KCL water and pressure test CIBP to 3800 psi. TOOH and stand back frac string and packer.
16. Perforate the Menefee interval ($\pm 4820' - \pm 5100'$) using 3-1/8" HSC guns with 10 gram charges and 0.29" diameter holes. (Perforations will be provided after reviewing logs.)
17. Inspect guns to ensure all perforations fired.
18. TIH w/ 4-1/2" fullbore packer and two joints of 2-7/8" N-80 buttress frac string.
19. Balloff Menefee perforations with 1500 gallons of 15% HCL acid and RCN balls (2 balls per perforation hole). Maximum allowable treating pressure is 3800 psi. TOOH and stand back frac string and packer. RU wireline, retrieve balls w/ 4-1/2" junk basket and report number of hits.
20. TIH w/ 4-1/2" fullbore packer and two joints of 2-7/8" N-80 buttress frac string.
21. RU frac company. Hold safety meeting. Test surface lines to 4800 psi. **(Maximum allowable treating pressure is 3800 psi.)** Fracture stimulate Menefee @ 40 BPM using slickwater and 75,000 #'s of 20/40 Arizona sand tagged w/ Iridium. Do not over displace during flush. Shut in well immediately after completion of the stimulation until pressure falls to zero.
22. Release packer and TOOH laying down packer and frac string.
23. TIH w/ 2-3/8" tubing w/ notched collar and CO to RBP @ $\pm 5150'$. Obtain pitot gauge for Menefee interval. TOOH. TIH w/ retrieving head and release RBP @ $\pm 5150'$. TOOH.
24. TIH w/ 3-7/8" mill and CO to CIBP @ 5150'. Obtain pitot gauge for Mesaverde formation. TOOH. Drill out CIBP @ $\pm 5150'$. TOOH.

25. TIH with 2-3/8" tubing w/ notched collar and CO to PBTD. PU above the Mesaverde perforations and flow the well naturally, making short trips for clean up when necessary. Obtain pitot gauge for Mesaverde and Dakota after clean up.
26. When sand production has diminished, TOOH.
27. TIH with one joint of 2-3/8", 4.7#, J-55 tubing w/ expendable check, an F-nipple, then the remaining 2-3/8" tubing. CO to PBTD. Land tubing near bottom perforation (7481').
28. ND BOP's, NU WH. Pump off expendable check. Obtain final pitot up the tubing if possible. If well will not flow on it's own, make swab run to FN. If a swab run is not necessary, run a broach on slickline to ensure that the tubing is clear. RD and MOL. Return well to production.

Recommend: M.E. Lutey
Production Engineer

Approval: _____
Asset Team Leader

Approval: _____
Drilling Superintendent

Contacts:

Engineers: Mary Ellen Lutey
Office - (599-4052)
Home - (325-9387)
Pager - (324-2671)

Lori Lantz
Office - (599-4024)
Home - (324-0692)

Frac Consultants: Mark Byars
Pager - (327-8470)
Mobile - (320-0349)
Home - (327-0096)

Mike Martinez
Pager - (599-7429)
Mobile - (860-7518)
Home - (327-6161)

Davis #8
Sec. 11, T31N, R12W

Location: 990' FSL, 1650' FEL
 San Juan County, NM

Latitude: 36-54.52'
Longitude: 108-03.72'

Current Field: Basin Dakota
Spud: 9/15/62
Elev GL: 6353'
TD: 7594'

Logs Run: Ind.; Gammatron; TS
Completed: 10/13/62
Elev KB:
PBTD: 7569'

CASING RECORD:

<u>Hole Size</u>	<u>Casing Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Depth Set</u>	<u>Cmt Vol</u>	<u>Cmt Top</u>
12-1/4"	8-5/8"	24#	J-55	327'	250 sx	To surface
7-7/8"	4-1/2"	11.6# & 9.5#	J-55	7590'	840 sx (2 stg)	Unknown

LINER RECORD:

<u>Hole Size</u>	<u>Casing Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Depth Set</u>	<u>Cmt Vol</u>	<u>Cmt Top</u>
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TUBING RECORD:

<u>Tubing Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Depth Set</u>	<u>Joints</u>	<u>Other</u>	<u>Depth</u>
2-3/8"	4.7#	J-55	7318'	230		
					DV Tool @	5463'

FORMATION TOPS:

Ojo Alamo	—	Pictured Cliffs	2910'	Pt Lookout	5150'
Kirtland	—	Cliffhouse	4395'	Gallup	6507'
Fruitland	—	Menefee	—	Dakota	7408'

Completions:

Dakota

Perfs: 7334'-7481'

Frac'd w/32,760 gal water and 30,000# sand

Cementing Information

8-5/8" csg: 250 sx cmt w/2% CaCl₂

4-1/2" csg: 1st stg - 180 sx 4% gel w/.08% Halad-9 & 40 sx Neat w/.08% Halad-9; 2nd stg - 570 sx 8% gel w/12.5#/sx gilsonite, .25#/sx flocele & 50 sx Neat cmt

Workover History:

MEL:plh 3/21/97

DAVIS #8

Current 3-21-97

BASIN DAKOTA
SEC 11, T31N, R12W, SAN JUAN COUNTY, NM

SPUD: 09-15-62
COMPLETED: 10-13-62

12 1/4" HOLE

8-5/8" 24# J-55 CSG SET @ 327'
CEMENT WITH 250 SX. TO SURFACE

7 7/8" HOLE

FRUITLAND @ N/A

PICTURED CLIFFS @ 2910"

LEWIS @ N/A

← 2-3/8", 4.7# J-55 TBG SET @ 7318'

← TOC @ UNKNOWN

MASSIVE CLIFFHOUSE @ 4395'

MENEFEE @ N/A

MASSIVE POINT LOOKOUT @ 5150'

□ DV TOOL @ 5463"

GALLUP @ 6507'

DAKOTA @ 7408'

DAKOTA PERFS: 7334'-7481'
FRACTURE STIMULATED WITH 32,760 GAL WATER
AND 30,000# SAND

4-1/2" 11.6# & 9.5# J-55 CSG SET @ 7590'
CEMENT W/840 SX (2 STAGES)

PBTD 7569'
TD 7594'