

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
BLM

Sundry Notices and Reports on Wells

98 AUG 25 PM 1:19

070 FARMINGTON, NM

1. Type of Well

GAS

5. Lease Number

SF-077648

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

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

1650' FSL, 1650' FEL, Sec. 12, T-31-N, R-12-W, NMMPM

8. Well Name & Number

Davis #9

9. API Well No.

30-045-10878

10. Field and Pool

Blanco MV/Dusenberry
Gallup/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 recomplate in the Blanco Mesaverde (Point Lookout and Menefee intervals) and Dusenberry Gallup (Manços Shale interval) according to the attached procedure and wellbore diagram. The well will be down hole commingled upon recompletion, per DHC-1903.

RECEIVED
SEP 3 1998

OIL CON. DIV.
DIST. 3

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

Signed *[Signature]* (SMC) Title Regulatory Administrator Date 8/24/98
vkh

(This space for Federal or State Office use)

APPROVED BY /s/ Duane W. Spencer

Title _____

Date SEP - 1 1998

CONDITION OF APPROVAL, if any:

NMCO

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

0502

Form C-102
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

98 AUG 25 PM 1:19

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT
070 FARMINGTON, NM

*API Number 30-045-10878		*Pool Code 72319/76180/71599	*Pool Name Blanco MV. (Dusenberry GLP) Basin DK
*Property Code 18509	*Property Name DAVIS		*Well Number 9
*OGRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY		*Elevation 6264'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot	Feet from the	North/South line	Feet from the	East/West line	County
J	12	31N	12W		1650	SOUTH	1650	EAST	SAN JUAN

¹¹ Bottom Hole Location If Different From Surface

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

¹² Dedicated Acres GLP - 160/14.98 MV/DK - E 1320 278.78	¹³ or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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 *NOT RESURVEYED. PREPARED FROM A PLAT DATED 9-6-62 BY ERNEST V. ECHOHAWK.		¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
4	3	33.52 2	34.12 1
RECEIVED SEP 3 1998 OIL CON. DIV. DIST. 3		34.29 7	34.89 8
		Signature Peggy Bradfield Printed Name Regulatory Administrator Title 8/24/98 Date	
12	11	34.99 10	35.05 9
13		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.	
		JULY 31, 1998 Date of Survey Signature and Seal of Professional Surveyor NEALE C. EDWARDS NEW MEXICO 6857 Certificate Number	
15	14	35.93 15	35.99 16

Davis #9
Mesa Verde Payadd Procedure
J 12 31N 12W
San Juan County, NM
Latitude: 36 Deg., 54.63 Min
Longitude: 108 Deg., 2.73 Min.

Summary:

The subject well is a 1998 Mesa Verde payadd in 4-1/2" casing. This well was originally drilled in 1963 and was completed in the Dakota Formation. The Dakota Formation was perforated and stimulated w/ approximately 70,000 lbs. total sand and 70,000 gal. total slickwater. The Mesaverde Formation was bypassed during the 1963 completion. Due to possible water production in the Cliffhouse interval, it will be bypassed during the upcoming workover. The Mesaverde will be perforated and fracture stimulated in two (2) stages with the third stage, or Point Lookout interval, stimulated with 83,992 gal of 20# crossed-linked gel and 145,000# 20/40 mesh sand. The fourth stage, or Menefee interval, stimulated with 73,575 gal. of 20# crossed-linked gel and 125,000# 20/40 mesh sand. In addition to the Mesaverde Formation being added in the wellbore, the Mancos Shale interval will be perforated and fracture stimulated in two (2) stages with the first stage stimulated with 20,378 gal of 70Q N₂ foamed 20# "ClearFrac" gel and 125,000# 20/40 mesh sand. The second stage will be stimulated with 15,334 gal of 70Q N₂ foamed 20# "ClearFrac" gel and 110,000# 20/40 mesh sand. The Dakota, Mancos Shale and Mesaverde will be cleaned-up, tri- mingled and placed on production.

- Comply to all NMOCDD, BLM and BR regulations. Conduct daily safety meetings for all personnel on location. Notify BR regulatory (Peggy Bradfield 326-9727) and the appropriate Regulatory Agency prior to pumping any cement job and after CBL is run. If an unplanned cement job is required, approval is required before the job can be pumped. If verbal approval is obtained, document the approval in Dims. Allow adequate notice prior to the pump time for the Agency to witness the cementing operation.
 - Inspect location and wellhead and install rig anchors prior to rig move.
 - Construct blow pit.
1. MOL, hold safety meeting and RU completion rig. Insure all safety equipment is strategically located and functioning properly. NU relief lines to blow pit. Set eight (8) 400 BBL frac tanks and fill w/ 2% KCL. Blow well down and kill well with 2% KCL water as necessary. ND wellhead and NU 7-1/16" 3M BOP, stripping head and blooie line. Operationally test BOP.
 2. TOOH w/ approximately 231jts. 2-3/8" Dakota tubing set at +/- 7266' and stand back. Inspect tubing and replace bad tubing as necessary.
 3. If tbg. appears in good condition, RU wireline company and RIH w/ 4-1/2" gauge ring. If tbg. is scaled up, carry out step #4 and proceed to step #5. If tubing is not scaled-up, skip step #4 and proceed to step #5.
 4. PU 3-7/8" bit and 4-1/2" 10.5# csg. scraper on 2-3/8" 4.7# J-55 workstring and CO to PBTD @ 7450'. TOOH and lay down bit and scraper. Stand back workstring.
 5. RU wireline w/ packoff and pump in tee. RIH and wireline set CIBP @ 7250'. Load hole w/ 2% KCL (90 bbls). Pressure up csg. to **1000** psi w/ rig pump and run USIGRICCL under pressure from 7250' to top of Ojo Alamo. @ 1490'.** Send logs to office immediately and perforations and setting depths will be supplied for the Mancos, Pt. Lookout and Menefee interval only. A squeeze procedure will be provided if TOC does not cover the Fruitland and Ojo Alamo interval (refer to step #35). Release pressure off csg. POOH w/ USIGRICCL. RIH w/ GRICCLTDT-P and log from 7220' to 4250'. POOH w/ GRICCLTDT-P. RD wireline company.
- ** NOTE:** Correlate to old Induction-Electric log suite
6. If wellhead needs repair or replaced, do prior to perforating. TIH w/ approximately 216 jts. 2-3/8" 4.7# J-55 workstring to +/- 6700'. Spot 400 gal. of 10% Acetic Acid + 5% NH₄CL**. TOOH

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**All acid to contain the following additives/1000 gal:

1000 gal.	10%	Acetic Acid
2 gal.	MSA II	corrosion inhibitor
5%	NH ₄ CL	clay control

7. RU wireline company. RIH w/ CCL on top of perforating guns.** Perforate approximately 30 holes with 3-1/8" HSC-3125-305 gun w/ 16 gram charges, 13.38" penetration and 0.37" perf diameter. Perforate bottom up in the 1st stage of the Mancos interval (+/- 6250' - +/- 6800'). Perforations will be provided after reviewing logs. RD wireline company.

**** NOTE:** Tie into GR\CCL\TDT-P log suite.

1st Stage Stimulation - Mancos

8. TIH w/ 4-1/2" fullbore pkr. and approximately 232 jts. **2-7/8" EUE 8rd 6.4# N-80 BUTTRESS** frac string and set @ 7200'. Pressure test CIBP set @ 7250' to **3800 psi**. Release pkr. and TOOH w/ approximately 34 jts. (17 stands), **2-7/8" 6.4# N-80 BUTTRESS** frac string and reset pkr. @ +/- 6150'. RU stimulation company. Hold pre-job safety meeting. Load annulus before breakdown w/ 48 bbl. and keep loaded during frac. Pressure annulus to **500 psi** and monitor annulus pressure during breakdown and frac. Pressure test surface lines to **10,000 psi**. Breakdown to maximum bottomhole pressure of **3800 psi**. Breakdown perforations @ 8 BPM w/ 1500 gal. 10% Acetic acid + 5% NH₄CL.** Drop sixty (60) 7/8" 1.1 SG RCN balls @ 4 balls per bbl. Displace acid w/ 2% KCL water to bottom perforation. Balloff to maximum pressure of **3800 psi**. Record breakdown pressure and ISIP. Prepare to fracture stimulate. Maximum surface treating pressure is **9000 psi**. Release pkr. and TIH knocking balls off perforations. Reset pkr. @ 6150'

**All acid to contain the following additives/1000 gal:

1000 gal.	10%	Acetic Acid
2 gal.	MSA II	corrosion inhibitor
5%	NH ₄ CL	clay control

9. Fracture stimulate in 0.5 to 3.0 ppg stages @ 25 BPM constant downhole rate with 20,378 gal. of 70Q N₂ foamed 20# "ClearFrac" gel and 125,000# 20/40 mesh sand. When sand concentration begins to drop, call flush. Flush to top perf @ +/- 6250'**. Refer to frac schedule enclosed. Maximum bottomhole treating pressure is **3800 psi** (80% of burst). Estimated friction pressure is approximately **6250 psi @ 25 BPM**. Maximum surface treating is **9000 psi**.
10. Record ISIP, 5, 10 and 15 minute shut-in pressure. Shut-in frac valve. RD stimulation company. Install flowback line above frac valve. Lay flowback line to dual-choke manifold and pit. Wait 30 minutes to 1 hour before commencing flowback. Open well to pit in accordance to flowback schedule listed in the table below. Do not shut well in during flowback. When schedule dictates a larger choke size, open ball valve upstream of adjustable choke and open adjustable choke on manifold to pre-determined size listed in table and begin flowing through adjustable choke. Close ball valve upstream of positive flow bean and change out flow bean to next larger size in table. Open ball valve upstream of positive flow bean and begin flowing. Close ball valve upstream of adjustable choke and close adjustable choke.

8/64" choke from	Shut-in psi to 300 psi
10/64" choke from	300 psi to 150 psi
12/64" choke from	150 psi till well dies

Davis #9
Mesa Verde Payadd Procedure
J 12 31N 12W
San Juan County, NM
Latitude: 36 Deg., 54.63 Min
Longitude: 108 Deg., 2.73 Min.

11. After well cleans up and pressures allow, release pkr. and TOOH standing back approximately 198 jts. **2-7/8" 6.4# N-80 BUTTRESS** frac string and 4-1/2" fullbore pkr.
12. RU wireline w/ packoff and pump in tee. RIH and wireline set CIBP @ +/- 6100'. Load hole w/ 2% KCL (97 bbls). RU wireline company to perforate approximately 30 holes with 3-1/8" HSC-3125-305 gun w/ 16 gram charges, 13.38" penetration and 0.37" perf diameter. Perforate bottom up in the 2nd stage of the Mancos interval (+/- 5700' - +/- 6050'). Perforations will be provided after reviewing logs. RD wireline company.

2nd Stage Stimulation-Mancos

13. TIH w/ 4-1/2" fullbore pkr. and approximately 196 jts. **2-7/8" EUE 8rd 6.4# N-80 BUTTRESS** frac string and set @ 6080'. Pressure test CIBP set @ 6080' to **3800 psi**. Release pkr. and TOOH w/ approximately 16 jts. (7 stands), **2-7/8" 6.4# N-80 BUTTRESS** frac string and reset pkr. @ +/- 5584'. RU stimulation company. Hold pre-job safety meeting. Load annulus before breakdown w/ 46 bbl. and keep loaded during frac. Pressure annulus to **500 psi** and monitor annulus pressure during breakdown and frac. Pressure test surface lines to **10,000 psi**. Breakdown to maximum bottomhole pressure of **3800 psi**. Breakdown perforations @ 8 BPM w/ 1500 gal. 10% Acetic acid + 5% NH₄CL.** Drop sixty (60) 7/8" 1.1 SG RCN balls @ 4 balls per bbl. Displace acid w/ 2% KCL water to bottom perforation. Balloff to maximum pressure of **3800 psi**. Record breakdown pressure and ISIP. Prepare to fracture stimulate. Maximum surface treating pressure is **9000 psi**. Release pkr. and knock balls off perforations. Reset pkr. @ 5584'.

**All acid to contain the following additives/1000 gal:

1000 gal.	10%	Acetic Acid
2 gal.	MSA II	corrosion inhibitor
5%	NH ₄ CL	clay control

14. Fracture stimulate in 0.5 to 3.0 ppg stages @ 25 BPM constant downhole rate with 15,334 gal. of 70Q N₂ foamed 20# "ClearFrac" gel and 110,000# 20/40 mesh sand. When sand concentration begins to drop, call flush. Flush to top perf @ +/- 5700'**. Refer to frac schedule enclosed. Maximum bottomhole treating pressure is **3800 psi** (80% of burst). Estimated friction pressure is approximately **5700 psi @ 25 BPM**. Maximum surface treating is **9000 psi**.
15. Record ISIP, 5, 10 and 15 minute shut-in pressure. Shut-in frac valve. RD stimulation company. Install flowback line above frac valve. Lay flowback line to dual-choke manifold and pit. Wait 30 minutes to 1 hour before commencing flowback. Open well to pit in accordance to flowback schedule listed in the table below. Do not shut well in during flowback. When schedule dictates a larger choke size, open ball valve upstream of adjustable choke and open adjustable choke on manifold to pre-determined size listed in table and begin flowing through adjustable choke. Close ball valve upstream of positive flow bean and change out flow bean to next larger size in table. Open ball valve upstream of positive flow bean and begin flowing. Close ball valve upstream of adjustable choke and close adjustable choke.

8/64" choke from	Shut-in psi to 300 psi
10/64" choke from	300 psi to 150 psi
12/64" choke from	150 psi till well dies

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Mesa Verde Payadd Procedure
J 12 31N 12W
San Juan County, NM
Latitude: 36 Deg., 54.63 Min
Longitude: 108 Deg., 2.73 Min.

16. After well cleans up and pressures allow, release pkr. and TOOH standing back approximately 180 jts. **2-7/8" 6.4# N-80 BUTTRESS** frac string and 4-1/2" fullbore pkr.
17. RU wireline w/ packoff and pump in tee. RIH and wireline set CIBP @ +/- 5410'. Load hole w/ 2% KCL (86 bbls). RU wireline company to perforate approximately 30 holes with 3-1/8" HSC-3125-306T gun w/ 12 gram charges, 17.48" penetration and 0.30 perf diameter. Perforate bottom up in the Pt. Lookout interval (+/- 5080' - +/- 5400'). Perforations will be provided after reviewing logs. RD wireline company.

3rd Stage Stimulation-Pt. Lookout

18. TIH w/ 4-1/2" fullbore pkr. and approximately 174 jts. **2-7/8" EUE 8rd 6.4# N-80 BUTTRESS** frac string and set @ 5400'. Pressure test CIBP set @ 5410' to **3800 psi**. Release pkr. and TOOH w/ approximately 14 jts. (7 stands), **2-7/8" 6.4# N-80 BUTTRESS** frac string and reset pkr. @ +/- 4980'. RU stimulation company. Hold pre-job safety meeting. Load annulus before breakdown w/ 41 bbl. and keep loaded during frac. Pressure annulus to **500 psi** and monitor annulus pressure during breakdown and frac. Pressure test surface lines to **10,000 psi**. Breakdown to maximum bottomhole pressure of **3800 psi**. Breakdown perforations @ 8 BPM w/ 1500 gal. 15% HCL.** Drop sixty (60) 7/8" 1.1 SG RCN balls @ 4 balls per bbl. Displace acid w/ 2% KCL water to bottom perforation. Balloff to maximum pressure of **3800 psi**. Record breakdown pressure and ISIP. Prepare to fracture stimulate. Maximum surface treating pressure is **9000 psi**. Release pkr. and knock balls off perforations. Reset pkr. @ 4980'.

** All acid to contain the following additives/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

19. Fracture stimulate in 1.0 to 4.0 ppg stages @ 25 BPM constant downhole rate with 83,992 gal. of 20# crossed-linked gel and 145,000# 20/40 mesh sand. When sand concentration begins to drop, call flush. Flush to top perf @ +/- 5080'**. Refer to frac schedule enclosed. Maximum bottomhole treating pressure is **3800 psi** (80% of burst). Estimated friction pressure is approximately **4500 psi** @ 25 BPM. Maximum surface treating is **9000 psi**.

**After 75% of flush volume has been pumped (1119 gal.), cut rate to 10 BPM. If well goes on a vacuum, shut down. Otherwise, flush to top perf @ +/- 5080'.

20. Record ISIP, 5, 10, and 15 minute shut-in pressure. Shut-in frac valve. RD stimulation company.
21. After well cleans up and pressures allow, release pkr. and TOOH standing back approximately 160 jts. **2-7/8" 6.4# N-80 BUTTRESS** frac string and 4-1/2" fullbore pkr.
22. RU wireline w/ packoff and pump in tee. RIH and wireline set CIBP @ +/- 5080'. Load hole w/ 2% KCL (80 bbls). RU wireline company to perforate approximately 30 holes with 3-1/8" HSC-3125-306T gun w/ 12 gram charges, 17.48" penetration and 0.30 perf diameter. Perforate bottom up in the Menefee interval (+/- 4720' - +/- 5060'). Perforations will be provided after reviewing logs. RD wireline company.

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4th Stage Stimulation-Menefee

23. TIH w/ 4-1/2" fullbore pkr. and approximately 163 jts. **2-7/8" EUE 8rd 6.4# N-80 BUTTRESS** frac string and set @ 5060'. Pressure test CIBP set @ 5080' to **3800 psi**. Release pkr. and TOOH w/ approximately 14 jts. (7 stands), **2-7/8" 6.4# N-80 BUTTRESS** frac string and reset pkr. @ +/- 4640'. RU stimulation company. Hold pre-job safety meeting. Load annulus before breakdown w/ 41 bbl. and keep loaded during frac. Pressure annulus to **500 psi** and monitor annulus pressure during breakdown and frac. Pressure test surface lines to **10,000 psi**. Breakdown to maximum bottomhole pressure of **3800 psi**. Breakdown perforations @ 8 BPM w/ 1500 gal. 15% HCL.** Drop sixty (60) 7/8" 1.1 SG RCN balls @ 4 balls per bbl. Displace acid w/ 2% KCL water to bottom perforation. Balloff to maximum pressure of **3800 psi**. Record breakdown pressure and ISIP. Prepare to fracture stimulate. Maximum surface treating pressure is **9000 psi**. Release pkr. and knock balls off perforations. Reset pkr. @ 4640'.

** All acid to contain the following additives/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

24. Fracture stimulate in 1.0 to 4.0 ppg stages @ 25 BPM constant downhole rate with 73,575 gal. of 20# crossed-linked gel and 125,000# 20/40 mesh sand. When sand concentration begins to drop, call flush. Flush to top perf @ +/- 4720'**. Refer to frac schedule enclosed. Maximum bottomhole treating pressure is **3800 psi** (80% of burst). Estimated friction pressure is approximately **4200 psi** @ 25 BPM. Maximum surface treating is **9000 psi**.

**After 75% of flush volume has been pumped (1056 gal.), cut rate to 10 BPM. If well goes on a vacuum, shut down. Otherwise, flush to top perf @ +/- 5080'.

25. Record ISIP, 5, 10, and 15 minute shut-in pressure. Shut-in frac valve. RD stimulation company.
26. After well cleans up and pressures allow, release pkr. and TOOH laying down approximately 149 jts. **2-7/8" 6.4# N-80 BUTTRESS** frac string and 4-1/2" fullbore pkr.
27. TIH w/ 3-7/8" bit and 2-3/8" 4.7# J-55 workstring and clean up to CIBP @ +/- 5080' with air/mist. When well is sufficiently clean (less than 1 BWPH), gauge the Menefee interval for one (1) hour. Obtain an accurate pitot gauge for the Menefee interval.
28. Drill out CIBP @ +/- 5080' w/ 3-7/8" bit on 2-3/8" workstring.
29. Clean up to CIBP @ +/- 5410' with air/mist. When well is sufficiently clean (less than 1 BWPH), gauge the Pt. Lookout interval for one (1) hour.
30. Set test unit and NU flowline to pit. Hold 150 psi backpressure on test unit and obtain a three (3) hour test for the Mesaverde interval (Menefee and Pt. Lookout). This will be used for allocation purposes.

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Mesa Verde Payaod Procedure
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31. TIH w/ 3-7/8" bit and 2-3/8" 4.7# J-55 workstring and clean up to CIBP @ +/- 6100' with air/mist. When well is sufficiently clean (less than 1 BWPH), gauge the Upper Mancos interval for one (1) hour. Obtain an accurate pitot gauge for the Mancos interval.
32. Drill out CIBP @ +/- 6100' w/ 3-7/8" bit on 2-3/8" workstring.
33. Clean up to CIBP @ +/- 7250' with air/mist. When well is sufficiently clean (less than 1 BWPH), gauge the entire Mancos interval for one (1) hour.
34. Drill out CIBP @ +/- 7250' w/ 3-7/8" bit on 2-3/8" workstring w/ air/mist and CO to PBTD @ 7450**. TOO H w/ 2-3/8" 4.7# J-55 workstring and stand back. Lay down 3-7/8" bit.

**NOTE: If tbg. was scaled-up, as indicated in step #2 of procedure, acid wash the existing Dakota perforations w/ treatment specified by service company.
35. Perform squeeze procedure as needed to ensure TOC covers Fruitland and Ojo Alamo.
36. Broach in tubing on sandline. TIH with one joint of 2-3/8", 4.7#, J-55 tubing w/ expendable check, seating nipple, then the remaining 2-3/8" production tubing. Land tubing @ 7266'.
37. ND BOP's, NU single tubing hanger wellhead. Pump off expendable check. Obtain final pitot up tubing. If well will not flow on it's own, make swab run to seating nipple. If swab run is not necessary, RD and MOL. Place well on production.

Approve: *JV Caldwell* 7/7/98
Team Leader

Approve: *JCA* 7/7/98
Drilling Superintendent

Recommend: *Steve Campbell* 7/2/98
Production Engineer

VENDORS:

Wireline:	Schlumberger	325-5006
Stimulation:	Dowell/Schlumberger	325-5096
Packer:	Arrow Completion Systems	326-5141
Bridge Plug:	Arrow Completion Systems	326-5141

Steve Campbell

Home 325-8218

Office 326-9546

Pager 564-1902

Davis #9
Pertinent Data Sheet

Location: 1650' FSL, 1650' FEL, Unit J, Section 12, T31N, R12W, San Juan County, New Mexico

Latitude: 36° - 54.63'

Longitude: 108° - 2.73'

Field: Basin Dakota

Elevation: 6264' GL
6474' KB

TD: 7549'
PBTD: 7450'

Spud Date: 11/10/63

Completed: 12/28/63

DP No: 11608

Lease: NMSF-077648

GWI: 25%

NRI: 21.75%

Prop#: 0020263

Initial Potential: 4222 MCF/D

Casing/Liner Record:

<u>Hole Size</u>	<u>Casing Size</u>	<u>Weight & Grade</u>	<u>Depth Set</u>	<u>Cement</u>	<u>Top/Cement</u>
12-1/4"	8-5/8"	24# H-40	293'	225 sx	Circ. Cmt.
7-7/8"	4-1/2"	10.5# J-55	7532'	800 sx	2756' Calc.

Tubing Record:

<u>Tubing Size</u>	<u>Weight & Grade</u>	<u>Depth Set</u>	<u>Number of jts.</u>
2-3/8"	4.7#	7266'	231

Formation Tops: Estimated

Ojo Alamo	1490'	Menefee	4630'
Fruitland	2732'	Point Lookout	5079'
Pictured Cliffs	2850'	Gallup	6447'
Cliffhouse	4405'	Greenhorn	7147'
		Graneros	7202'
		Dakota	7338'

Logging Record: Induction, ES

Stimulation: 12/28/63 - Perfs in Dakota @ 7262'-7280', 7348'-7376', 7402'-7410' w/ 4 SPF. Frac w/ 70,000 gal. water and 50,000 lbs. 20/40 sand and 20,000# 10/20 sand.

Workover History: None

Pipeline: WFS

Davis #9

Unit J, Section 12, T31N, R12W
San Juan County, NM

Current Schematic

Proposed Schematic

