

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

MAY 22 2008

Bureau of Land Management
Farmington Field Office

Sundry Notices and Reports on Wells

1. **Type of Well**
GAS

2. **Name of Operator**

BURLINGTON

RESOURCES OIL & GAS COMPANY LP

3. **Address & Phone No. of Operator**

PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. **Location of Well, Footage, Sec., T, R, M**
Sec., T--N, R--W, NMPM

Unit H (SENE), 1520' FNL & 790' FEL, Sec. 11, T31N, R12W NMPM

5. **Lease Number**
NMSF- 077648

6. **If Indian, All. or
Tribe Name**

7. **Unit Agreement Name**

8. **Well Name & Number**

Davis #8E

9. **API Well No.**

30-045-23759

10. **Field and Pool**

11. **Basin DK/ Blanco MV
County and State
San Juan, NM**

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA**Type of Submission:**

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment

Type of Action:

- ☐ Abandonment
☐ Plugging
☐ Casing Repair
☐ Altering Casing
- ☐ Change of Plans
☐ Non-Routine Fracturing
☐ Water Shut-off
☐ Conversion to Injection

☒ Other : MIT**13. Describe Proposed or Completed Operations**

Burlington Resources intends to perform a MIT on the following well. Please see the attached procedure.

RCVD MAY 27 '08

OIL CONS. DIV.

DIST. 3

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

Signed

Philana Thompson

Title Regulatory Tech

Date 5/22/08

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason Title

Date MAY 23 2008

CONDITION OF APPROVAL, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

NMOCD



Davis #8E
Tubing Repair, Water Shut off & MIT
Latitude N36° 54' 57"; Longitude W108° 3' 30"

Prepared by: Curt Andersen
Peer reviewed by: Kassadie Gastgeb

4/23/2008

Scope of work: Pull tubing, remove obstruction, perform casing MIT, perform flow test to isolate water production, rerun tubing, swab well into production.

Estimated cost:
Estimated rig days: 5

Well data

API: 3004523759
Location: 1520' FNL & 790' FEL, Unit D, Section 11, T31N, R12W
PBTD: 7590' (sidetrack)
TD: 7594' (sidetrack)
Perforations: 7467-7502 (Graneros), 7533-7573' (Dakota), 4855-5053' (Menefee), & 3652-4257' (Lewis)

Well history: This well was spud and completed in 1979. There have been three workovers to date, a recompletion by sidetrack in 2001, and tubing repairs in 2003 and 2006. The well currently has tools stuck in the tubing and is logged off due to water production from an unknown source. It is recommended that the tubing be pulled, obstruction removed, casing MIT performed, flow test performed, water source shut off and tubing rerun.

B2 adapters are required on all wells other than pumping wells.

Artificial lift on well: None

Estimated reservoir pressure: 1200 psi (DK) 600 psi (MV)

Well failure date: 12/2007 (Demand Well)

Current rate: 0 Mcfd

Estimated post-remedial rate: 50 Mcfd

Earthen pit required: NO

Special requirements: None

BAE production engineer: Kassadie Gastgeb, Office: 505-324-5145, Cell 505-793-6312

BAE backup engineer: Curt Andersen, Office 505-599-3471

MSO: Ken Jones, Cell: 505-320-2535. Pager: 505-326-8637

Lead: Phil Betts, Cell: 505-486-1901, Pager: 505-949-0147

Area foreman: Jerry Loudermilk, Office: 505-599-3445, Cell: 505-320-0452, Pager: 505-949-0287



Davis #8E
Tubing Repair, Water Shut off & MIT
Latitude N36° 54' 57"; Longitude W108° 3' 30"

PBTD: 7590'

KB: 12'

Procedure

1. MIRU. Check casing and tubing pressures and record in WellView. RU relief line and blow well down. Kill well with 2% KCl water. ND wellhead NU BOP.
2. Release tubing hanger, tag for fill, PU additional joints as needed. Tubing is landed @ 7538', PBTD is @ 7590'. Record the fill depth in WellView.
3. TOOH with tubing (detail below).
 - 245 – 2-3/8" 4.7# J-55 Tubing Joints
 - 1 - 2-3/8" 4.7# J-55 Pup Joint (2')
 - 1 - 2-3/8" 4.7# J-55 Tubing Joint
 - 1 - 2-3/8" Seating Nipple
 - 1 - 2-3/8" Saw Tooth Collar
4. Visually inspect tubing, record findings in WellView, make note of corrosion or scale. Change out joints as necessary.
5. If fill is above 5' TIH with tubing bailer, clean out to PBTD @ 7590'. If sand or scale is hard packed pick up air package to clean out to PBTD. Notify engineer of any scale, corrosion or other damage to tubing. TOOH.
6. TIH with RBP and packer, in tandem, for 4-1/2" 10.5# K-55 casing, set RBP @ 7417' (50' above Graneros perms). Pressure test RBP then pull up to 5495' (50' below Point Lookout/Menefee perms) and set packer.
7. Pressure test casing between RBP and packer to 500 psi for 30 minutes on a two hour chart. If pressure does not hold contact engineer.
8. Release RBP and packer. Move RBP and set @ 4805' (50' above Point Lookout/Menefee perms). Pressure test RBP then TOOH, LD packer for 4-1/2" 10.5# K-55 casing. PU packer for 7" 23# K-55 casing. TIH to 4307' (50' below Lewis Perfs) and set packer.
9. Pressure test casing to 500 psi for 30 minutes on a two hour chart. If pressure does not hold contact engineer.
10. Release packer, move up to 3602' (50' above Lewis perms) and set packer. Test casing to 500 psi for 30 minutes on a two hour chart. If pressure does not hold contact engineer. Notify engineer with MIT results before proceeding as procedure may deviate from here.
11. Release packer. TOOH, LD packer for 7" 23# K-55 casing.
12. TIH to retrieve RBP @ 4805'. Release RBP, TOOH, and LD.
13. PU and TIH w/ packer for 4-1/2" 10.5# casing and set @ 7417' (50' above Graneros perms). Begin to flow test the Dakota and Graneros for water production (may need to circ air or swab to kick off).

Monitor and record water and gas production for 2 hours with stabilized production. Release packer (at 7417'). TOOH. LD packer for 4-1/2" casing.

14. TIH with RBP(for 4-1/2" 10.5# casing) and packer (for 7" 23# casing) in tandem. Set RBP 5500', and set packer at 3600' and begin to flow test Mesaverde and Lewis perforations. Monitor and record water and gas production for 2 hours with stabilized production. Once flow test is complete, TOOH, LD RBP for 4-1/2" casing. Notify engineer with flow test results before proceeding as procedure may deviate from here.
15. TIH with tubing (detail below). Recommended landing depth is 7563' +/- 5' (perforated interval is only 20' and would like to be inside the interval for critical lift reasons).
 - 1 - 2-3/8" Muleshoe/expendable check
 - 1 - 2-3/8" F-Nipple
 - 1 - 2-3/8" 4.7# J-55 Tubing Joint
 - 1 - 2-3/8" 4.7# J-55 Pup Joint (2')
 - 239 - 2-3/8" 4.7# J-55 Tubing Joints

Space out with pups as necessary, land with full joint on top of pups.

16. Run standing valve on shear tool, load tubing, and pressure test to 1000 psig. Pull standing valve. Pump off expendable check.
17. ND BOP. NU wellhead. Make swab run if necessary to kick off well. Notify lease operator that well is ready to be returned to production. RD, MOL.

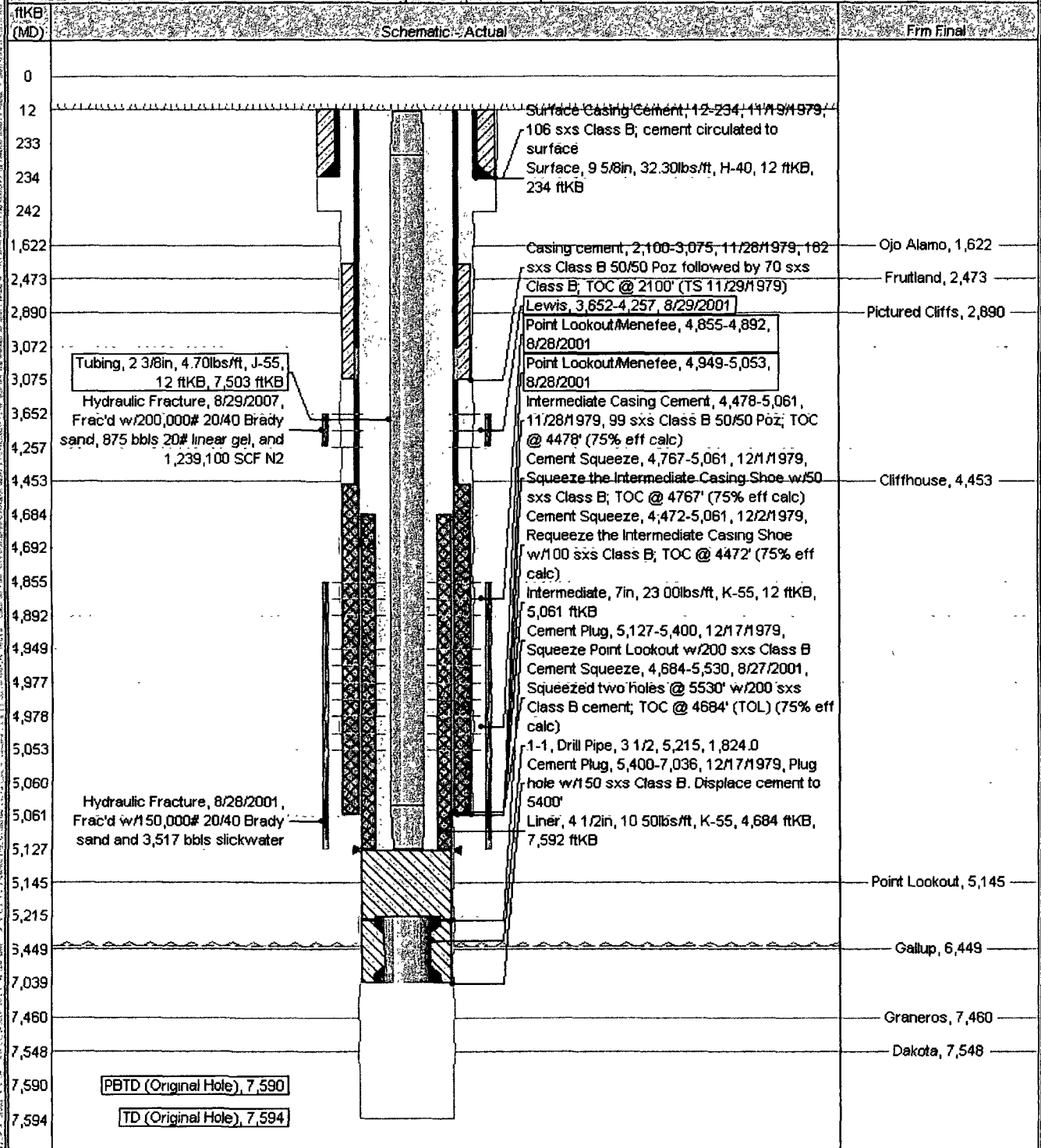
Current Schematic

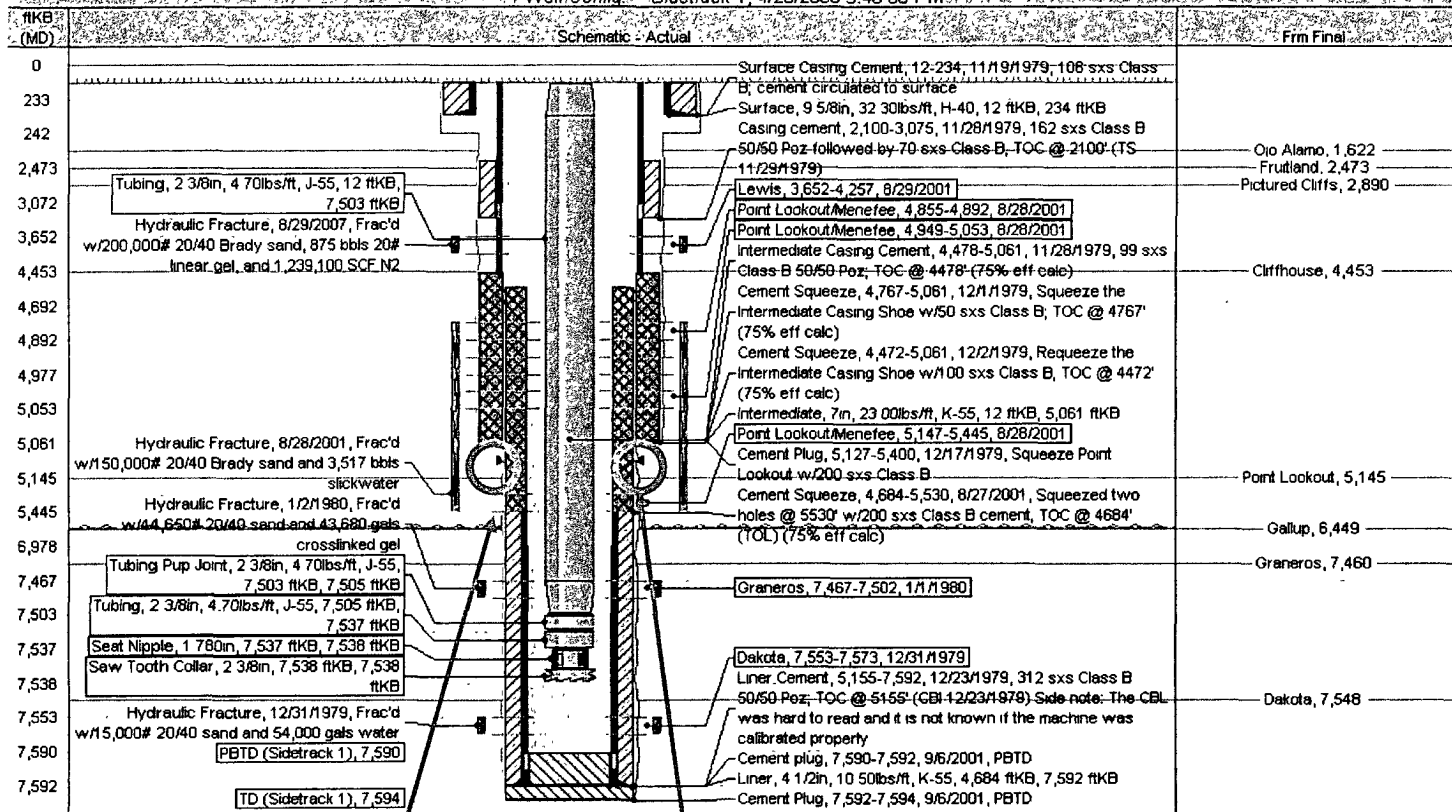
ConocoPhillips

Well Name: DAVIS #8E

API/UVI 3004523759	Surface Legal Location NMPM,011-031N-012W	Field Name BLANCO MESA VERDE (PROTECTED)	License No	State/Province NEW MEXICO	Well Configuration Type	Edit
Ground Elevation (ft) 6,324.00	Original KB Elevation (ft) 6,336.00	KB-Grout Distance (ft) 12.00	KB-Casing Flange Distance (ft) 6,336.00	KB-Tubing Hanger Distance (ft) 6,336.00		

Well Config: Original Hole, 4/23/2008 5:47:39 PM





Note that the indicated point is where the sidetrack begins (indicated by the arrows and circles above)