

Submit 3 Copies To Appropriate District
Office
District I
1625 N French Dr., Hobbs, NM 88240
District II
1301 W Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S St Francis Dr., Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Jun 19, 2008

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-045-07831
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Mangum SRC
8. Well Number 5
9. OGRID Number 14538
10. Pool name or Wildcat Otero Chacra / Basin Dakota

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.) 1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other	
2. Name of Operator Burlington Resources Oil Gas Company LP	
3. Address of Operator P.O. Box 4289, Farmington, NM 87499-4289	
4. Well Location Unit Letter I : 1850 feet from the South line and 890 feet from the East line Section 29 Township 29N Range 11W NMPM San Juan County	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) GR	

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input checked="" type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> DOWNHOLE COMMINGLE <input type="checkbox"/> OTHER: <input type="checkbox"/>	SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/> OTHER: <input type="checkbox"/> RCVD JAN 18 '12 OIL CONS. DIV.
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13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Burlington Resources requests permission to P&A the subject well per the attached procedure, current and proposed wellbore schematics.

**Notify NMOCD 24 hrs
prior to beginning
operations**

Spud Date: 9/9/1961 Rig Released Date: 9/24/1961

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Crystal Tafoya TITLE Staff Regulatory Technician DATE 1/17/12
Type or print name Crystal Tafoya E-mail address: crystal.tafoya@conocophillips.com PHONE: 505-326-9837
For State Use Only

APPROVED BY: [Signature] TITLE Deputy Oil & Gas Inspector,
District #3 DATE 2/1/12
Conditions of Approval (if any):

A

ConocoPhillips
MANGUM SRC 5
Expense - P&A

Lat 36° 41' 40.272" N

Long 108° 0' 30.168" W

PROCEDURE

- 1 Hold pre-job safety meeting. Comply with all NMOCD, BLM, and COPC safety and environmental regulations. Test rig anchors prior to moving in rig.
- 2 MIRU work over rig. Check casing, tubing, and bradenhead pressures and record them in Wellview.
- 3 RU blow lines from casing valves and begin blowing down casing pressure. Kill well with water, as necessary, and at least pump tubing capacity of water down tubing.
- 4 ND wellhead and NU BOPE. Function test BOP. PU and remove tubing hanger.
- 5 TOOH with tubing/rods (per pertinent data sheet). LD tubing bailer (if applicable).

Rods:	No	Size:		Length:	
Tubing:	Yes	Size:	2-3/8"	Length:	6,020'
Packer:	No	Size:		Depth:	

If this well has rods or a packer, then modify the work sequence in step #2 as appropriate. Round trip casing scraper through deepest perforation or as deep as possible.

All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be ASTM Type II mixed at 15.6 ppg with a 1.18 cf/sk yield.

6. Plug 1 (Dakota, 5806-5906', 12 Sacks Class B Cement)

RIH w/ CR and set @ 5,906' TIH w/ 2-3/8" tbg. Pressure test tubing to 1000 psi. Load casing with water and attempt to establish circulation. Mix 12 sx Class B cement and spot a plug inside the casing to isolate the Dakota formation top. POOH.

7. Plug 2 (Gallup, 5060-5160', 50 Sacks Class B Cement)

Perforate 3 HSC holes at 5,160'. Set a 4-1/2" cement retainer at 5,110'. Establish injection rate into squeeze holes. Mix 50 sx Class B cement. Sqz 39 sx Class B cement into HSC holes and leave 11 sx cement inside casing to isolate the Gallup formation top. POOH.

8. Plug 3 (Mancos, 4168-4268', 50 Sacks Class B Cement)

Perforate 3 HSC holes at 4,268'. Set a 4-1/2" cement retainer at 4,218'. Establish injection rate into squeeze holes. Mix 50 sx Class B cement. Sqz 39 sx Class B cement into HSC holes and leave 11 sx cement inside casing to isolate the Mancos formation top. POOH.

9. Plug 4 (Mesaverde, 3070-3170', 50 Sacks Class B Cement)

Perforate 3 HSC holes at 3,170'. Set a 4-1/2" cement retainer at 3,120'. Establish injection rate into squeeze holes. Mix 50 sx Class B cement. Sqz 39 sx Class B cement into HSC holes and leave 11 sx cement inside casing to isolate the Mesaverde formation top. POOH.

10. Plug 5 (Chacra, 2279-2379', 12 Sacks Class B Cement)

RIH and set CIBP or CR @ 2,379'. Pressure test casing. Mix 12 sx Class B cement and spot a balance plug inside casing to isolate the Chacra top. PUH.

11. Plug 6 (Pictured Cliffs, 1440-1540', 12 Sacks Class B Cement)

Mix 12 sx Class B cement and spot a balance plug inside casing to isolate the Pictured Cliffs top. PUH.

12. Plug 7 (Fruitland, 900-1000', 12 Sacks Class B Cement)

Mix 12 sx Class B cement and spot a balance plug inside casing to isolate the Fruitland top. PUH.

13. Plug 8 (Kirtland/ Ojo Alamo/Surface Shoe, 0-448', 38 Sacks Class B Cement)

Attempt to pressure test the bradenhead annulus to 300 PSI, note the volume to load. If the BH annulus holds pressure, then establish circulation out casing valve with water. Mix approximately 38 sxs cement and spot a balanced plug from 448' to surface, circulate good cement out casing valve. TOH and LD tubing. Shut well in and WOC. If the BH annulus does not test, then perforate at the appropriate depth and attempt to circulate cement to surface filling the casing from 448' and the annulus from the squeeze holes to surface. Shut in well and WOC. Tag cement top and top out cement as necessary.

14. Nipple down BOP and cut off casing below the casing flange. Install P&A marker with cement to comply with regulations. Rig down, move off location, cut off anchors, and restore location.

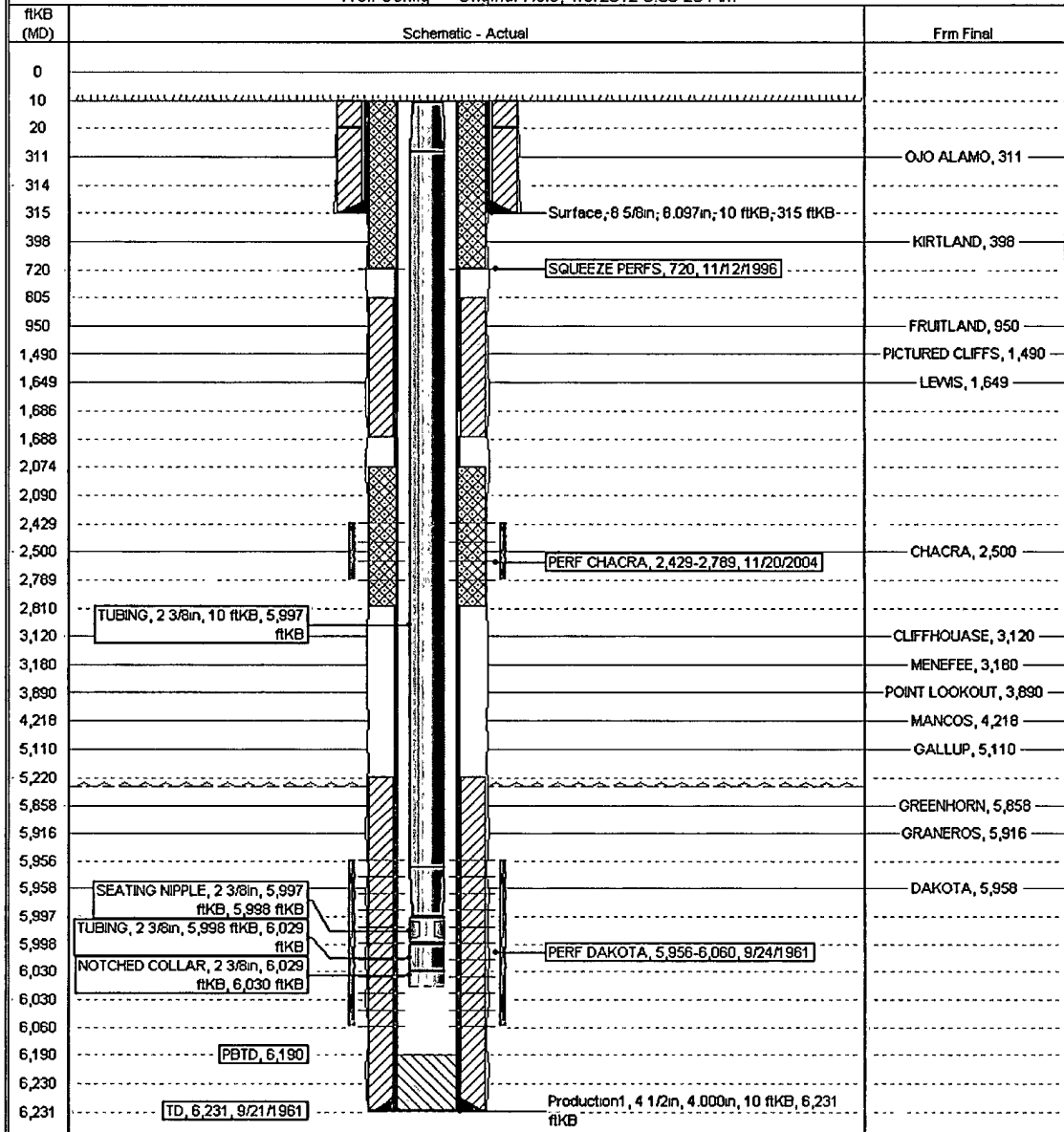
ConocoPhillips

Schematic - Current

MANGUM SRC #5

District SOUTH	Field Name BSN DK(PRO GAS) #0068	API / UWI 3004507831	County SAN JUAN	State/Province NEW MEXICO	Edit
Original Spud Date 9/9/1961	Surface Legal Location 1850' FSL & 890' FEL 29-029N-011W	East/West Distance (ft) 890 00	East/West Reference E	North/South Distance (ft) 1,850 00	North/South Reference N

Well Config - Original Hole, 1/9/2012 8:00 28 AM



Current Schematic

ConocoPhillips

Well Name: MANGUM SRC#5

API/OWI 3004507831	Surface legal location SHERB & HERRICK SUBDIVISION	Field Name SHERB & HERRICK GAS	License No. #0098	State/Province NEW MEXICO	Well Configuration Type Edit
Ground Elevation (ft) 5,401.00	Original B.P.T. Elevation (ft) 5,411.00	IS-Ground Elevation (ft) 10.00	IS-Set by (ft) 5,411.00	IS-Total by (ft) 5,411.00	

Well Config: - Original Hole, 1/1/2020

