| | Submit 2 Conice To Appropriate District | C () | | • | | г | C 102 |
|---|--|---|---------------|----------------|--------------------------------------|--------------------|---------------------------|
| | Office | State of New Mexico | | | | F | orm C-103 Jun 19, 2008 |
| 0 | District I 1625 N. French Dr., Hobbs, NM 88240 | Energy, Winera | iis anu ivatu | Tai Resources | WELL API NO. | | |
| | District II 1301 W. Grand Ave. Artesia NM 88210 | OIL CONSERVATION DIVISION 1220 South St. Francis Dr. | | | 30-045-09863 | | |
| | District III | | | | 5. Indicate STAT | FEE FEE | \boxtimes |
| | 1000 Rio Brazos Rd., Aztec, NM 87410 District IV | Santa | Fe, NM 87 | 7505 | 6. State Oil | & Gas Lease No. | |
| | 1220 S. St. Francis Dr., Santa Fe, NM 87505 | | | | | | |
| | SUNDRY NOTICES AND REPORTS ON WELLS | | | | 7. Lease Name or Unit Agreement Name | | |
| | (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) | | | | Abrams | | |
| | 1. Type of Well: Oil Well Gas Well Other | | | | 8. Well Number #1 | | |
| | 2. Name of Operator | | | | 9. OGRID Number | | |
| | Burlington Resources Oil Gas Company LP | | | | 14538 | | |
| | P.O. Box 4289, Farmington, NM 87499-4289 | | | | Aztec Pictured Cliffs | | |
| | 4. Well Location | | | | | | |
| | Unit Letter \mathbf{J} : 167 | <u>3</u> feet from the | South | _line and183 | teet fro | om the <u>East</u> | line |
| | Section 5 | 11 Elevation (Show | whether DR | RKR RT GR etc. |) NMPM | San Juan County | |
| | 11. Elevation (Show whether DK, KKB, K1, GK, etc.) 'GR | | | | | | |
| | 12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data | | | | | | |
| | | | | | | | |
| | PERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL WORK | | | | | | |
| 2 | TEMPORARILY ABANDON | CHANGE PLANS | | COMMENCE DRI | LLING OPNS. | P AND A | |
| 5 | PULL OR ALTER CASING UMULTIPLE COMPL CASING/CEMENT JOB | | | | | | |
| | | | | | | | |
| | OTHER: OT | | | | | | |
| | 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 | | | | | | |
| | A Closed Loop System will be utilized. | | | | | | |
| | Notify NMOCD 24 hrs | | | | | | |
| | prior to beginning operations | | | | | | |
| | | | | | | | |
| | Spud Date: | | Rig Rele | ased Date: | | | |
| | | | | | | | |
| | I hereby certify that the information above is true and complete to the best of my knowledge and belief. | | | | | | |
| | SIGNATURE COMUSTING GALLANDICK TITLE Regulatory Specialist DATE 415117 | | | | | | |
| | Type or print name Christine Brock E-mail address: christine.brock@conocophillips.com PHONE: 505-326-9775 | | | | | | |
| | For State Use Only | 1 | De | puty Oil & Ga | s Inspecto | or, | |
| | APPROVED BY: The | VIII | | District | #3 | DATE 4/ | 21/17 |
| | Conditions of Approval (if any): | | FV | | | | |
| | | | | | | | |
| | | | | | OIL COM | | |
| | | | | | | DIV DICT | |
| | | | | | | -101.3 | |
| | | | | | 1 0 | Divil | |

4 dib

ConocoPhillips ABRAMS 1 Expense - P&A

Lat 36° 50' 18.6" N

Long 108° 0' 38.376" W

PROCEDURE

This project requires the use of an A-Plus steel tank to handle waste fluids circulated from the well and cement wash up.

1. Hold pre-job safety meeting. Comply with all NMOCD, BLM, and COP safety and environmental regulations. Test rig anchors prior to moving in rig.

2. MIRU workover rig. Check casing, tubing, and bradenhead pressures and record them in WellView. If there is pressure on the BH, contact the Wells Engineer.

3. Remove existing piping on casing valve. RU blow lines from casing valves and begin blowing down casing pressure. Kill well as necessary. Ensure well is dead or on a vacuum.

4. ND wellhead and NU BOPE. Pressure and function test BOP to 250 psi low and 1000 psi over SICP high to a maximum of 2000 psi held and charted for 10 minutes per COP Well Control Manual. PU and remove tubing hanger.

| 5. TOOH with tubing (per pertinent data sheet). | | | | |
|---|------------|-------|-----|-----|
| Tubing size: 1.9", 2.75 ppf, J-55 | Set Depth: | 2160' | KB: | 11' |

6. PU 2-3/4 bit and watermelon mill and round trip as deep as possible above top perforation at 2129'.

7. Rig up wireline. Set 3-1/2" cement retainer at 2079'. Pull out of hole with wireline.

8. Load casing and pressure test to 800 psi. If casing does not test, spot or tag subsequent plugs as appropriate Run CBL with 500 psi on casing from CR at 2079' to surface to identify TOC. Adjust plugs as necessary for new TOC. *Email log copy to Wells Engineer, Troy Salyers (BLM) at tsalyers@blm.gov, and Brandon Powell (NMOCD) at brandon.powell@state.nm.us upon completion of logging operations.*

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 Class B mixed at 15.6 ppg with a 1.18 cf/sk yield.

9. Plug 1 - Pictured Cliffs Perforations and Pictured Cliffs and Fruitland Formation Tops, 1845' - 2079', 11 Sacks Class B Cement Trip in hole with tubing and sting into cement retainer. Pressure test tubing to 1000 psi. Sting out of cement retainer. Mix cement as described above. Spot a balanced plug inside casing. Pull out of hole.

10. Plug 2 - Kirtland and Ojo Alamo Formation Tops and Surface Plug, 610' - 785', 74 Sacks Class B Cement

Rig up wireline. Perforate 3 squeeze holes at 785'. Pull out of hole with wireline. Establish circulation through squeeze holes. Pick up 3-1/2" cement retainer on wireline and set at 735'. Pull out of hole with wireline. Trip in hole with tubing. Sting into cement retainer. Squeeze 67 sacks of cement under retainer. Sting out and balance 7 sacks of cement on top of retainer. Pull out of hole.

11. Plug 3 - Surface Plug, 0' - 134', 49 Sacks Class B Cement

Rig up wireline. Perforate 3 squeeze holes at 134'. Pull out of hole and rig down wireline. Establish circulation through squeeze. Nipple down BOP and flow tee. Nipple up master valve. Mix cement as described above and pump until good cement is returned out bradenhead valve. Close bradenhead valve and open 3-1/2"x5-1/2" casing valve. Continue squeezing until good cement is returned to surface. Close casing valve, pressure up to approximately 300 psi, and shut in master valve.

12. Nipple down BOP and cut off casing below the casing flange. Install P&A marker with cement to comply with regulations. RDMO.



| ConocoPh | illips | Schematic - P | oposed | | | |
|--|-------------------------------|---------------------------------|--|--|-----------|-------------------|
| District | Field Name | ABRAMS API/UWI 3004509863 | #1 County SAN JU | AN | State/Pro | vince XICO |
| Original Soud Date | CLIFFS (G #0037 | tWest Distance (ff) Fast/ | Nest Reference | N/S Dist (ft) | Nort | h/South Reference |
| 5/25/1954 | 005-030N-011W-J | 1,831.00 FEL | 0.45.00 AM | 1,67 | 3.00 FSL | |
| | U | Iginal Hole, 1/1/202 | U 2.15.00 AM | | MD | |
| | Vertical | schematic (actual) | | | (ftKB) | Formation Tops |
| stare is a firm of the second start of the sec | | | Plug #3; 11.0-134 Surface Casing C | .0; 1/1/2020 | 10.8 | |
| | | | 4.0; 5/26/1954; C | Cmt'd w/ 50 sx | 11.2 | |
| 1: Surface: 8 5/8 | lin: 8 097 in: | | crete. Circ to surf | ace. | 83.0 | |
| 11.0 ftK | B; 84.0 ftKB | | Aix 49 sx Class E | 3 cmt and pump | 84.0 | |
| SQUEEZE PE | 1/1/2020 | | ntil good crnt is alve, open csg v | returned out bh alve, cont sqz | 133.9 | |
| | | | ntil good cmt is | returned to | 609.9 | |
| | | E | Plug #2; 610.0-78 | 5.0; 1/1/2020 | 660.1 | OJO ALAMO |
| Cement Retainer, | 735.0-737.0 | | | | 734.9 | KIRTLAND S |
| SQUEEZE PE | RFS; 785.0; | | Plug #2; 610.0-78 Szq 67 sx of cmt | 5.0; 1/1/2020; under retainer, | 795.1 | |
| | 1/1/2020 | s a | ting out and bala in top of retainer | ance 7 sx of cmt | 1 527 9 | |
| | | | ning,, pris 🖲 | | 1,606.0 | |
| | | | | | 1,845.1 | |
| | | | | and a second | 1,895.0 | FRUITLAND |
| | | | | | 1,906.8 | |
| | | F1 | 2/lug #1; 1,845.0-2 /1/2020; Mix 11 s | 2,079.0; sx Class B cmt, | 1,820.6 | |
| Cement Retai | ner; 2,079.0- | | pot a blanced pl | ug inside csg. | 2,079.1 | |
| | 2,081.0 | | ,606.0-2,117.0; 7 | /3/1954; Cmt'd | 2,081.0 | |
| | | | 2 1606' per 75% | eff calc. | 2,114.5 | |
| | | | uto cement plug 253.0; 10/14/19 | ; 2,251.0- 98; | 2,115.2 | PICTURED C |
| 2; Intermediate1; 5 | 1/2 in; 4.950 | | utomatically creating from the case | ated cement | 2,116.5 | |
| in; 11.0 ftKB; 3 | 2,117.0 ftKB | | ecause it had a t | tagged depth. | 2,117.1 | |
| PERF - PICTUR 2,129.0-2,144.0 | ED CLIFFS; | | ,528.0-2,253.0; 1 | 0/14/1998; | 2,128.7 | |
| | | | % ECONOLITE I | EAD, GEL 6 | 2,147.0 | |
| 2,147.0-2,181.0 | ; 10/21/1998 | | PS GILSONITE, LOCELE. TAILEI | 0.25 PPS D W/ 25 SX | 2,181.1 | |
| | D | | OF 1% ECONOLI EL, 6 PPS GILS | TE W/ 1% ONITE, 0.25 | 2,200.1 | |
| PE | 3TD; 2,251.0 | F | PS FLOCELE. | DID NOT CMT BACK | 2,251.0 | |
| | | | O SURFACE, CI | RCULATED | 2.252.0 | |
| 3; Production1; 3 1/2 11.0 ftKB; 2 | in; 2.992 in; 2,253.0 ftKB | | O SURFACE. | USH DAUK | 2,253.0 | |
| | | 2 | isplay Cement F ,269.0; 10/14/199 | Fill; 2,253.0- 98 | 2,258.0 | |
| Page 1/1 Re | | | | | | ted: 2/1/20 |