

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

| | | |
|---|--|---|
| 1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other | | 5. Lease Serial No. NMSF078640 |
| 2. Name of Operator CONOCOPHILLIPS COMPANY | | 6. If Indian, Allottee of Tribe Name |
| 3a. Address 5525 HIGHWAY 64 FARMINGTON, NM 87401 | | 7. If Unit or CA/Agreement, Name and/or No. |
| 3b. Phone No. (include area code) Ph: 832.486.2326 Fx: 832.486.2688 | | 8. Well Name and No. SJ 28-7 151 |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 21 T27N R7W NWNE 1090FNL 1450FEL 36.56305 N Lat, 107.57614 W Lon | | 9. API Well No. 30-039-20404-00-S1 |
| | | 10. Field and Pool, or Exploratory BASIN DAKOTA |
| | | 11. County or Parish, and State RIO ARRIBA COUNTY, NM |

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | | |
|--|---|--|--|---|
| <input checked="" type="checkbox"/> Notice of Intent | <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input type="checkbox"/> Other |
| | <input type="checkbox"/> Change Plans | <input checked="" type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | |
| | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

ConocoPhillips proposes to plug and abandon this well as per the attached procedure. Also attached is a current and proposed wellbore schematic.

| | |
|---|---------------------------------|
| 14. I hereby certify that the foregoing is true and correct. | |
| Electronic Submission #22249 verified by the BLM Well Information System For CONOCOPHILLIPS COMPANY, sent to the Farmington Committed to AFMSS for processing by Steve Mason on 05/23/2003 (03SXM0809SE) | |
| Name (Printed/Typed) DEBORAH MARBERRY | Title SUBMITTING CONTACT |
| Signature (Electronic Submission) | Date 05/22/2003 |

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

| | | |
|---|---------------------------------|--------------------------|
| Approved By STEPHEN MASON | Title PETROLEUM ENGINEER | Date 05/29/2003 |
| Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. | | Office Farmington |

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

NMOC

PLUG AND ABANDONMENT PROCEDURE

May 14, 2003

San Juan 28-7 Unit NP #151

Basin Dakota

1090' FNL & 1450' FEL, Unit B, Section 21, T27N, R7W

Rio Arriba County, NM / API #30-039-20404

Latitude: N 36° 33' 47" / Longitude: W 107° 34' 34"

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Note: All cement volumes use 100% excess outside pipe and 50' excess inside. 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/sx yield.

1. Install and test rig anchors. Prepare blow pit. Comply with all NMOCD, BLM and ConocoPhillips safety rules and regulations. Conduct safety meeting for all personnel on location. MO and RU daylight pulling unit. NU relief line and blow well down; kill with water as necessary. ND wellhead and NU BOP and stripping head; test BOP.
2. Release Oits packer at 7209'. TOH and tally 253 joints 2-3/8" tubing, total 7511'. LD packer. Visually inspect tubing and if necessary LD and PU workstring. If unable to release packer run a 4-1/2" wireline gauge ring or casing scraper.
3. **Plug #1 (Dakota perforations, 7272' - 7172')**: Set a 4-1/2" cement retainer CR at 7272'. Pressure test tubing to 1000#. Load casing with water and circulate well clean. Pressure test casing to 800#. If casing does not test, then spot or tag subsequent plug as appropriate. Mix 12 sxs cement and spot a balanced plug above the CR to isolate the Dakota perforations. TOH.
4. **Plug #2 (Gallup top, 6413' - 6313')**: Perforate 3 HSC squeeze holes at 6413'. Establish rate into squeeze holes. Set a 4-1/2" CR at 6363'. Mix and pump 51 sxs cement, squeeze 39 sxs outside casing and leave 12 sxs inside casing to cover Gallup top. TOH with tubing.
5. **Plug #3 (Mesaverde top, 4750' - 4650')**: Perforate 3 HSC squeeze holes at 4750'. Establish rate into squeeze holes. Set a 4-1/2" CR at 4700'. Mix and pump 64 sxs cement, squeeze 52 sxs outside casing and leave 12 sxs inside casing to cover Mesaverde top. PUH to 3063'.
→ Chacra Plug 3976' - 3876' inside + outside 4 1/2" casing
6. **Plug #4 (Pictured Cliffs top, 3063' - 2963')**: Mix 12 sxs cement and spot balanced plug inside the casing to cover the Pictured Cliffs top. TOH with tubing.
7. **Plug #5 (Fruitland top, 2780' - 2680')**: Perforate 3 HSC squeeze holes at 2780'. Establish rate into squeeze holes. Set a 4-1/2" CR at 2730'. Mix and pump 64 sxs cement, squeeze 52 sxs outside the casing and leave 12 sxs inside casing to cover the Fruitland top. TOH with tubing.

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Continued:

8. **Plug #6 (Kirtland and Ojo Alamo tops, 2385' – 2065'):** Perforate 3 HSC squeeze holes at 2385'. Establish rate into squeeze holes. Set a 4-1/2" CR at 2335'. Mix and pump 195 sxs cement, squeeze 167 sxs outside the casing and leave 28 sxs inside casing to cover through the Ojo Alamo top. TOH with tubing.
9. **Plug #7 (Nacimiento top, 960' – 860'):** Perforate 3 HSC squeeze holes at 960'. Establish rate into squeeze holes. Set a 4-1/2" CR at 910'. Mix and pump 64 sxs cement, squeeze 54 sxs outside the casing and leave 12 sxs inside casing to cover the Nacimiento top. TOH and LD tubing.
10. **Plug #8 (9-5/8" casing shoe, 286' - Surface):** Attempt to pressure test the bradenhead annulus to 300#. If it tests, then establish circulation out casing valve with water. Spot approximately 30 sxs cement from 286' to surface, circulate good cement out casing valve. TOH and LD tubing. Shut well in and WOC. If the BH annulus does not test, TOH and LD tubing. Perforate at appropriate depth and cement to surface, circulate good cement out bradenhead.
11. ND BOP and cut off wellhead below surface casing flange. Install P&A marker with cement to comply with regulations. RD, MOL and cut off anchors. Restore location per BLM stipulations.

San Juan 28-7 Unit NP #151

Proposed P&A

Basin Dakota

1090' FNL & 1450' FEL, Section 21, T-27-N, R-7-W

Rio Arriba County, NM / API #30-039-20404

Lat: N 36° 33' 47" / Long: W 107° 34' 34"

Today's Date: 5/14/03

Spud: 9/8/71

Completed: 10/15/71

Elevation: 6577' GL

12-1/4" hole

$$286 / 11.167(1.16) = 22 \text{ sxs}$$

Plug #8: 286' - Surface
Cement with 30 sxs inside

9-5/8" 32.3#, H-40 Csg set @ 236'
Cmt w/190 sxs (Circulated to Surface)

Casing leak 653' to 741', squeezed with
507 cf of cement; circ to surface. (Apr '82)

Nacimiento @ 910'
4

Cmt Ret @ 910'

Plug #7: 960' - 860'
Cement with 64 sxs, 52
outside and 12 inside

Ojo Alamo @ 2115'

Perforate @ 960'

Kirtland @ 2335'
6

Cmt Ret @ 2335'

Plug #6: 2385' - 2065'
Cement with 195 sxs, 167
outside and 28 inside

Perforate @ 2385'

$$(2385 - 2065) \times 50 / 14.167(1.16) = 28 \text{ sxs}$$

$$(2385 - 2065) \times 2 / 4.3699(1.16) = 124 \text{ sxs}$$

Fruitland @ 2730'

Cmt Ret @ 2730'

Plug #5: 2780' - 2680'
Cement with 64 sxs, 52
outside and 12 inside

Perforate @ 2780'

TOC @ 2840' (Calc, 75%)

Pictured Cliffs @ 3013'
3 2

Plug #4: 3063' - 2963'
Cement with 12 sxs

Chacra @ 3926'

DV Tool @ 3528'
Cmt with 170 sxs (280 cf)

Chacra plug 3976-3476
12 sxs inside
39 sxs outside
or greater

Mesaverde @ 4700'

Cmt Ret @ 4700'

Plug #3: 4750' - 4650'
Cement with 64 sxs, 52
outside and 12 inside

Perforate @ 4750'

TOC @ 5072' (Calc, 75%)

DV Tool @ 5490'

Cmt with 145 sxs (171 cf)

Gallup @ 6363'
5 6

8-3/4" Hole to 5777'

Cmt Retainer @ 6363'

Plug #2: 6413' - 6313'
Cement with 51 sxs, 39
outside and 12 inside

Perforate @ 6413'

TOC @ 6812' (Calc, 75%)

$$200 / 4.3699(1.16) = 39 \text{ sxs}$$

Dakota @ 7364'
7298

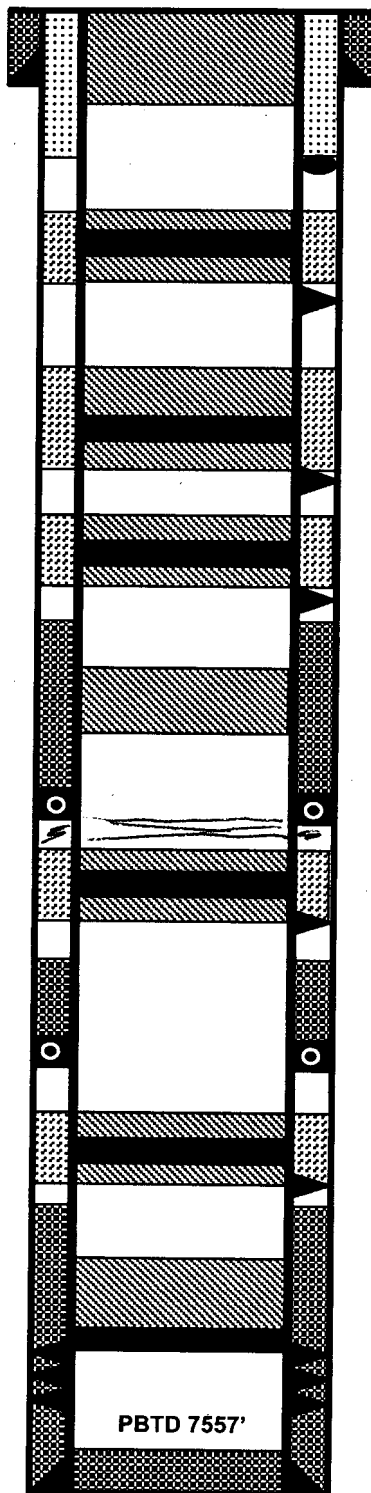
Plug #1: 7272' - 7222'
Cement with 12 sxs

Set CR @ 7272'

$$12(11.167)(1.16) = 158 \text{ '}$$

Dakota Perforations:
7322' - 7502'

4-1/2" 10.5#/11.6#, K-55 Casing set @ 7589'
Cmt with 200 sxs (236 cf)



TD 7589'

7-7/8" Hole to TD