

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 checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. JIC65
2. Name of Operator CONOCO INCORPORATED		6. If Indian, Allottee or Tribe Name JICARILLA APACHE
3a. Address 3315 BLOOMFIELD HIGHWAY 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. JICARILLA 22 8
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 16 T25N R4W NESE		9. API Well No. 30-039-21280-00-S1
		10. Field and Pool, or Exploratory W LINDRITH
		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 recomple 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 recomple 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 current and proposed wellbore schematic.

*Add Chacra plug*

14. I hereby certify that the foregoing is true and correct.	
Electronic Submission #22228 verified by the BLM Well Information System For CONOCO INCORPORATED, sent to the Rio Puerco Committed to AFMSS for processing by Angie Medina-Jones on 06/02/2003 (03AMJ0467SE)	
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 <u>BRIAN W DAVIS</u>	Title <u>DIVISION OF MULTI-RESOURCES</u>	Date <u>06/10/2003</u>
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 <u>Rio Puerco</u>		

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 \*\***



## PLUG AND ABANDONMENT PROCEDURE

April 9, 2003

### Jicarilla 22 #8

West Lindrith Dakota/Gallup  
1795' FSL and 1080' FEL, Section 16, T25N, R4W  
Rio Arriba County, New Mexico, API 30-039-21280  
Lat: N 36° 23' 50.0" / Lat: W 107° 15' 6.84"

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. MOL 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. TOH, tally and visually inspect the 2-3/8" tubing. If necessary LD tubing and use a 2-3/8" workstring. Round trip scraper or wireline gauge ring to 6786'.
3. **Plug #1 (Dakota/Gallup perforations and Gallup top, 6786' – 6620')**: TIH and set a 4-1/2" CR at 6786'. Pressure test tubing to 1000#. Load casing with water and circulate the well clean. Pressure test casing to 800#. If casing does not test, then spot or tag subsequent plugs as appropriate. Mix 16 sxs cement and spot a balanced plug inside the casing above retainer to isolate the Dakota / Gallup perforations. PUH to 5216'.
4. **Plug #2 (Mesaverde top, 5216' – 5116')**: Mix 12 sxs cement and spot a balanced plug inside the casing to cover the Mesaverde top. PUH to 3520'.  
*Chacra Plug 4765' - 4566'*
5. **Plug #3 (Pictured Cliffs top, 3520' – 3420')**: Mix 12 sxs cement and spot a balanced plug inside the casing to cover the Pictured Cliffs top. TOH with tubing.
6. **Plug #4 (Fruitland, Kirtland, and Ojo Alamo tops, 3300' – 2930')**: Perforate 3 HSC holes at 3300'. If casing tested, then establish rate into squeeze holes. TIH and set 4-1/2" cement retainer at 3250'. Mix and pump 174 sxs cement, squeeze 143 sxs outside and leave 31 sxs inside casing to cover the Fruitland, Kirtland and Ojo Alamo tops. TOH with tubing.
7. **Plug #5 (Nacimiento top and surface casing shoe, 1460' – 989')**: Perforate 3 HSC holes at 1460'. Establish rate into squeeze holes. Set a cement retainer at 1410'. Mix and pump 220 sxs cement, squeeze 182 sxs outside casing and leave 39 sxs inside. TOH and LD tubing.
8. **Plug #6 (Surface)**: Perforate 2 HSC holes at 50'. Mix and pump approximately 20 sxs cement down the 4-1/2" casing, circulate good cement out the bradenhead. Shut in well and WOC.
9. 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.

# Jicarilla 22 #8

## Current

West Lindrith Dakota / Gallup  
1795' FSL, 1080' FEL, Section 16, T-25-N, R-4-W  
Rio Arriba County, NM API #30-039-21280  
Lat: N 36° 23' 50.0" / Long: W 107° 15' 6.84"

Today's Date: 4/9/03  
Spud: 10/28/76  
Completed: 3/24/77  
Elevation: 7103' GL

12-1/4" hole

Nacimiento @ 1410'

Ojo Alamo @ 2980'

Kirtland @ 3150'

Fruitland @ 3250'

Pictured Cliffs @ 3470'

Mesaverde @ 5166'

Gallup @ 6670'

Dakota @ 7692'

7-7/8" hole

TD 7994'  
PBTD 7955'

8-5/8" 32#, Csg set @ 1039'  
Cmt with 550 sxs (Circulated to Surface)

### Well History:

**Jul 00':** Pull tubing. Isolate casing leak from 2093' to 2155'. Squeeze with 12 bbls cement (60 sxs). Drill out and pressure test casing to 500# for 30 minutes. Land tubing.

Casing Repair: 2093' to 2155'  
With 60 sxs cement (2000)

TOC @ 3384' (Calc., 75%)

2-3/8" Tubing set at 7713'  
(250 joints, EUE)

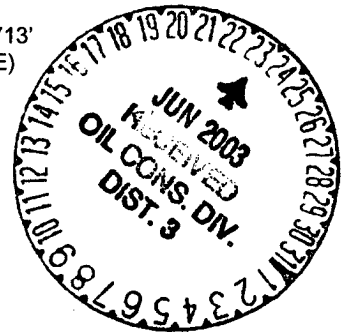
DV Tool @ 5850'  
Cmt with 635 sxs (749 cf)

TOC @ 5850' (DV Tool)  
Cement above DV tool (Calc., 75%)

Gallup Perforations:  
6836' - 7020'

Dakota Perforations:  
7692' - 7947'

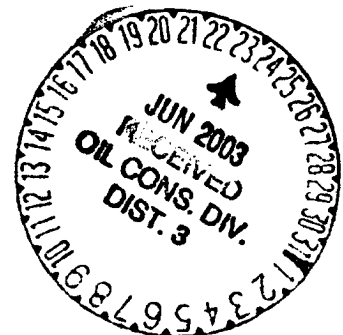
4-1/2" 11.6#, Casing set @ 7994'  
Cement with 596 sxs (703 cf)



# Jicarilla 22 #8

Proposed P&A

West Lindrith Dakota / Gallup  
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Rio Arriba County, NM API #30-039-21280  
Lat: N 36° 23' 50.0" / Long: W 107° 15' 6.84"



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12-1/4" hole

Nacimiento @ 1410'

Ojo Alamo @ 2980'

Kirtland @ 3150'

Fruitland @ 3250'

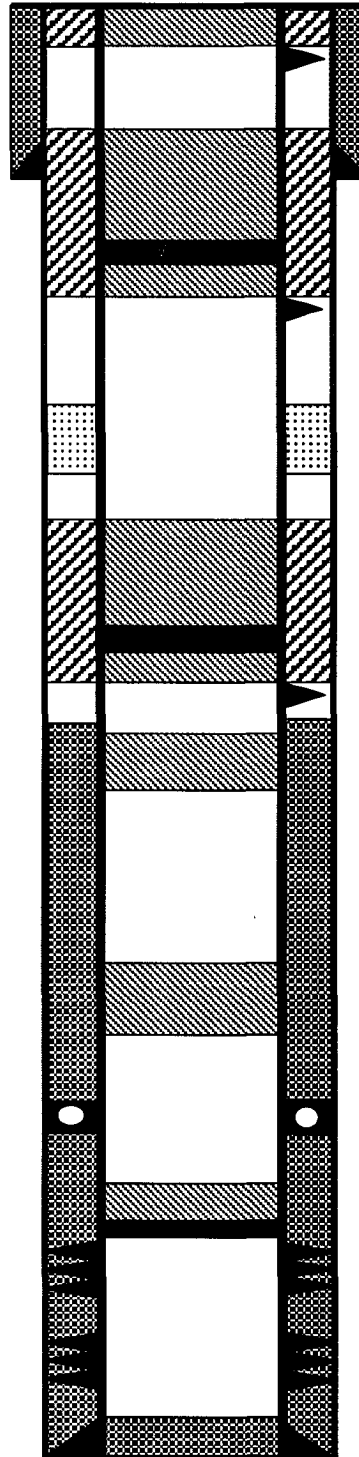
Pictured Cliffs @ 3470'

Mesaverde @ 5166'

Gallup @ 6670'

Dakota @ 7692'

7-7/8" hole



TD 7994'  
PBTD 7955'

Plug #6: 50' to Surface  
Cement with 20 sxs

Perforate @ 50'

8-5/8" 32#, Csg set @ 1039'  
Cmt with 550 sxs (Circulated to Surface)

Cmt Rt at 1410'

Perforate @ 1460'

Plug #5: 1460' - 989'  
Cement with 220 sxs,  
182 sxs outside casing  
and 39 sxs inside.

Casing Repair: 2093' to 2155'  
With 60 sxs cement (2000)

Cmt Rt @ 3250'

Perforate @ 3300'

Plug #4: 3300' - 2930'  
Cement with 174 sxs,  
143 sxs outside casing  
and 31 sxs inside.

TOC @ 3384' (Calc., 75%)

Plug #3: 3520' - 3420'  
Cement with 12 sxs

Plug #2: 5216' - 5116'  
Cement with 12 sxs

TOC @ 5850' (DV Tool)  
Cement above DV tool (Calc., 75%)

Set Cmt Rt @ 6786'

Plug #1: 6786' - 6620'  
Cement with 16 sxs

Gallup Perforations:  
6836' - 7020'

Dakota Perforations:  
7692' - 7947'

4-1/2" 11.6#, Casing set @ 7994'  
Cement with 596 sxs (703 cf)