Form 3160-5 (August 1999)

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

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

5. Lease Serial No.

	is form for proposals to		450		
abandoned we	II. Use form 3160-3 (API	D) for such proposals.	6. If Indian, Allott		
SUBMIT IN TRI	PLICATE - Other instruc	tions on reverse side.	7. If Unit or CA/A	agreement, Name and/or No.	
1. Type of Well			8. Well Name and	No.	
Oil Well Gas Well Other			JICARILLA 22		
2. Name of Operator CONOCOPHILLIPS CO.		DEBORAH MARBERRY E-Mail: deborah marberry@c	Sonocophillips:com 30-039-2128	30	
3a. Address P O BOX 2197 WL3 6108 HOUSTON, TX 77252 3b. Phone No. (include area co			10. Field and Pool BASIN DAK		
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)			11. County or Par	11. County or Parish, and State	
Sec 16 T25N R4W NESE 1795FSL 1080FEL RIO ARRIBA COUNTY, NM					
12. CHECK APPI	ROPRIATE BOX(ES) TO) INDICATE NATURE (OF NOTICE, REPORT, OR OT	HER DATA	
TYPE OF SUBMISSION		TYPI	E OF ACTION		
Notice of Intent	☐ Acidize	Deepen	Production (Start/Resume	_	
, –	Alter Casing	☐ Fracture Treat	☐ Reclamation	■ Well Integrity	
☐ Subsequent Report	☐ Casing Repair	☐ New Construction	Recomplete	Other	
☐ Final Abandonment Notice	☐ Change Plans	Plug and Abandor	☐ Temporarily Abandon		
_	Convert to Injection	Plug Back	☐ Water Disposal		
testing has been completed. Final Al determined that the site is ready for f ConocoPhillips has approval and return to recomplete at a proves to be inadequate we were to be inadequate.	final inspection.) to plug and abandon this v later date. Attached is ou	well. We would like to po	ncluding reclamation, have been comple ssibly TA the well if the casing	ted, and the operator has	
	Electronic Submission #		e Rio Puerco		
Signature (Electronic S	Submission)	Date 02/0	03/2005		
THIS SPACE FOR FEDERAL OR STATE OFFICE USE					
Approved By	Style	 	of Multi-Resources	FEB Date 4 2005	
Conditions of approval, if any, are attache certify that the applicant holds legal or eq which would entitle the applicant to cond	uitable title to those rights in the	e subject lease Office		·	
Title 18 U.S.C. Section 1001 and Title 43	U.S.C. Section 1212, make it a	crime for any person knowingly	v and willfully to make to any departmen	nt or agency of the United	

TEMPORARY ABANDONMENT OR PLUG AND ABANDONMENT PROCEDURE

January 31, 2005

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^o 23' 50.0" / Lat: W 107^o 15' 6.8"

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 III, mixed at 14.8 ppg with a 1.32 cf/sx yield.

TEMPORARY ABANDONMENT:

- 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.
- 2. ND wellhead and NU BOP and stripping head; test BOP. This well is a Category 1 / Class 1 designation.
- 3. TOH, tally and visually inspect the 2.375" tubing. If necessary LD tubing and use a workstring. Round trip a wireline gauge ring to 6786'.
- 4. Plug #1 (Dakota/Gallup perforations and Gallup top, 6786' 6620'): Set a 4.5" wireline CIBP at 6786'. TIH with tubing and load casing with water. Circulate the well clean. Pressure test casing to 800#. If the casing tests, then mix 15 sxs cement and spot a balanced plug inside the casing above CIBP to isolate the Dakota / Gallup perforations. PUH above cement and reverse circulate the casing clean.
- 5. Notify the appropriate BLM and NMOCD representatives to witness the casing integrity test. Record on a chart with the appropriate clock speed a 30 minutes pressure test to 800#.
- Load casing with corrosion inhibited water and TOH and LD 2.375" tubing. ND BOP and NU wellhead. RD and MOL.

PLUG AND ABANDONMENT:

- 7. If the casing does not test, then spot or tag subsequent plugs as appropriate. Mix 15 sxs cement and spot a balanced plug inside the casing above CIBP to isolate the Dakota / Gallup perforations. PUH to 5216'.
- 8. Plug #2 (Mesaverde top, 5216' 5116'): Mix 10 sxs cement and spot a balanced plug inside the casing to cover the Mesaverde top. PUH to 3520'.

TEMPORARY ABANDONMENT OR PLUG AND ABANDONMENT PROCEDURE

January 31, 2005

Jicarilla 22 #8

P&A PROCEDURE CONTINUED:

- 9. Plug #3 (Pictured Cliffs top, 3520' 3420'): Mix 10 sxs cement and spot a balanced plug inside the casing to cover the Pictured Cliffs top. TOH with tubing.
- 10. 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 4.5" cement retainer at 3250'. Mix and pump 156 sxs cement, squeeze 128 sxs outside the casing and leave 28 sxs inside casing to cover the Fruitland, Kirtland and Ojo Alamo tops. TOH with tubing.
- 11. 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 198 sxs cement, squeeze 163 sxs outside casing and leave 35 sxs inside. TOH and LD tubing.
- 12. **Plug #6 (Surface)**: Perforate 2 HSC holes at 50'. Mix and pump approximately 20 sxs cement down the 4.5" casing, circulate good cement out the bradenhead. Shut in well and WOC.
- 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: 1/31/05 Spud: 10/28/76 Completed: 3/24/77 Elevation: 7103' GL 8.625" 32#, Csg set @ 1039' Cmt with 550 sxs (Circulated to Surface) 12-1/4" hole Well History: Jul 00': Pull tubing. Isolate casing leak Nacimiento @ 1410' from 2093' to 2155'. Squeeze with 12 bbls cement (60 sxs). Drill out and pressure test casing to 500# for 30 Casing Repair: 2093' minutes. Land tubing. to 2155', with 60 sxs cement (2000) Apr '04: Test casing: Pull tubing and set RBP at 6753'. Pressure test - small leak. Test casing with packer, no leaks; Ojo Alamo @ 2980' replaced leaking casing valve. Pull RBP and Co with air. Land tubing Kirtland @ 3150' Fruitland @ 3250' TOC @ 3384' (Calc., 75%) Pictured Cliffs @ 3470' 2.375" Tubing set at 7719' (250 joints, EUE with F nipple at 7717') Chacra @ 4715' Mesaverde @ 5166' DV Tool @ 5850' Cmt with 635 sxs (749 cf) TOC @ 5850' (DV Tool) Cement above DV tool (Calc., 75%) Gallup @ 6670' Gallup Perforations: 6836' - 7020' Dakota @ 7692' Dakota Perforations: 7692' - 7947' 7-7/8" hole 4.5" 11.6#, Casing set @ 7994' TD 7994' Cement with 596 sxs (703 cf)

PBTD 7761' (hard junk in well)

Jicarilla 22 #8

Proposed P&A

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: 1/31/05 Spud: 10/28/76 Completed: 3/24/77 Elevation: 7103' GL

12-1/4" hole

Nacimiento @ 1410'

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

Ojo Alamo @ 2980'

Kirtland @ 3150'

Fruitland @ 3250'

Pictured Cliffs @ 3470'

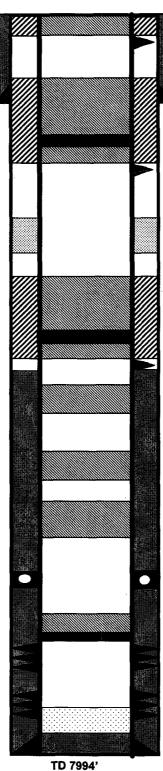
Chacra @ 4715'

Mesaverde @ 5166'

Gallup @ 6670'

Dakota @ 7692'

7-7/8" hole



PBTD 7761' (hard junk in well)

Perforate @ 50'

Plug #7: 50' to Surface Type III cement, 20 sxs

8.625" 32#, Csg set @ 1039' Cmt with 550 sxs (Circulated to Surface)

Cmt Rt @ 1410'

Plug #6: 1460' - 989'

Perforate @ 1460'

Type III cement, 198 sxs: 163 sxs outside casing and 35 sxs inside.

Plug #5: 3300' - 2930' Type III cement, 156 sxs:

128 sxs outside casing and 28 sxs inside.

Cmt Rt @ 3250' Perforate @ 3300'

TOC @ 3384' (Calc., 75%)

Plug #4: 3520' - 3420' Type III cement, 10 sxs

Plug #3: 4765' - 4665' Type III cement, 10 sxs

Plug #2: 5216' - 5116' Type III cement, 10 sxs

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

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

Set CIBP @ 6786'

Plug #1: 6786' - 6620' Type III Cement, 15 sxs

Gallup Perforations: 6836' - 7020'

Dakota Perforations: 7692' - 7947'

4.5" 11.6#, Casing set @ 7994' Cement with 596 sxs (703 cf)