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JUL 21 2010

submitted in lieu of Form 3160-5

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Farmington Field Office  
Bureau of Land Management

Sundry Notices and Reports on Wells

1. Type of Well GAS	5. Lease Number JIC64
2. Name of Operator CONOCOPHILLIPS COMPANY	6. If Indian, All. or Tribe Name
3. Address & Phone No. of Operator  PO Box 4289, Farmington, NM 87499 (505) 326-9700	7. Unit Agreement Name
4. Location of Well, Footage, Sec., T, R, M  Surf: Unit E (SWNW), 1785' FNL & <sup>3</sup> 335' FWL, Section 18, T25N, R4W, NMPM	8. Well Name & Number Jicarilla 2012
	9. API Well No.  30-039-24271
	10. Field and Pool  Lindrith Gallup/Dakota West
	11. County and State Rio Arriba Co., NM

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission	Type of Action	
<input checked="" type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection

RCVD JUL 26 '10  
OIL CONS. DIV.  
DIST. 3

13. Describe Proposed or Completed Operations

ConocoPhillips Company wishes to P&A the subject well per attached procedure and current well bore schematic.

14. I hereby certify that the foregoing is true and correct.

Signed Jamie Goodwin Jamie Goodwin Title Regulatory Technician Date 7/21/10

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason Title \_\_\_\_\_ Date JUL 22 2010

CONDITION OF APPROVAL, if any:

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

NMOCD

## PLUG AND ABANDONMENT PROCEDURE

July 12, 2010

### Jicarilla Apache #20-12

West Lindrieth Gallup/Dakota

1785' FNL, 335' FWL, Section 18, T25N, R4W, Rio Arriba County, New Mexico

API 30-039-24271 / Long: - 107° 18' 0.972" W / Lat: 36° 24' 6.804" N

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

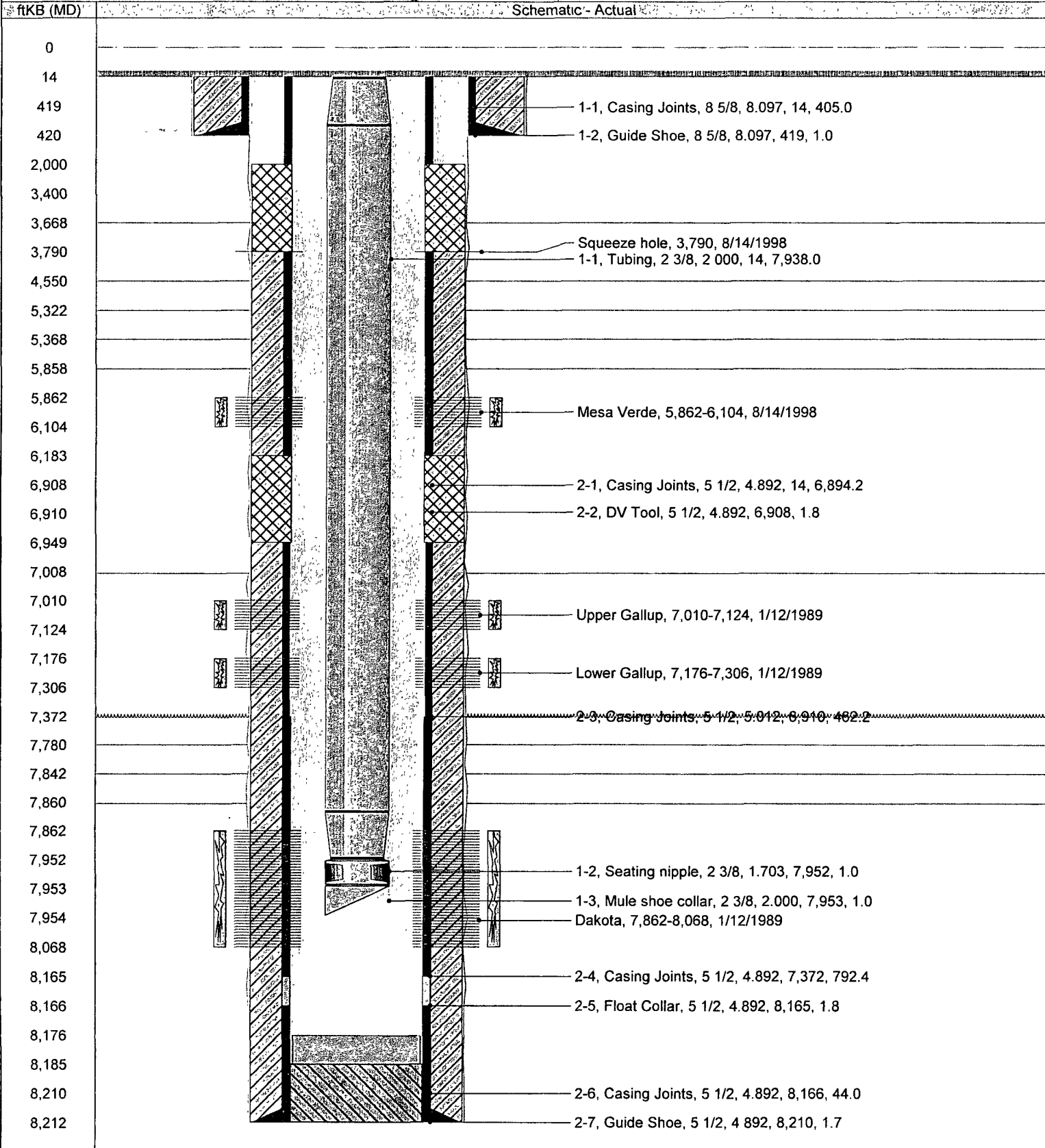
1. This project requires a NMOCD C-144 CLEZ Closed-Loop System Permit for the use of an A-Plus steel tank to handle waste fluids circulated from the well and cement wash up.
2. Install and test location rig anchors. Comply with all NMOCD, BLM, and Operator safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. Record casing, tubing and bradenhead pressures. NU relief line and blow down well. Kill well with water as necessary and at least pump tubing capacity of water down the tubing. ND wellhead and NU BOP. Function test BOP.
3. Rods: Yes ☐ , No ☒ , Unknown ☐ .  
Tubing: Yes ☒ , No ☐ , Unknown ☐ , Size 2.375" , Length 7954' .  
Packer: Yes ☐ , No ☒ , Unknown ☐ , Type ☐ .  
If this well has rods or a packer, then modify the work sequence in step #2 as appropriate.
4. **NOTE: BLM requires a CBL log to be run on all wells where the cement did not circulate to surface or where a T.S. or CBL log was not previously run. This procedure is prepared with the understanding that it may be modified based on the TOC from the CBL.**
5. **Plug #1 (Dakota/Gallup perforations and top, 6960' - <sup>6624</sup>6960')**: RIH and set CR at 6960'. Pressure test tubing to 1000 PSI. Spot ~~17~~ sxs Class B cement and spot a balanced plug inside the casing above CR to isolate the Dakota and Gallup intervals. TOH.
6. **Plug #2 (Mesaverde perforations, 5812' - 5712')**: RIH and set CR at CR at 5812'. Pressure test casing to 800 PSI. If casing does not pressure test, then spot or tag subsequent plugs as appropriate. Spot 17 sxs Class B cement and spot a balanced plug inside the casing above CR to isolate the Mesaverde perforations. PUH.
7. **Plug #3 (Mesaverde top, 5372' - 5272')**: Mix 17 sxs Class B cement and spot a balanced plug inside casing to cover the Mesaverde top. PUH.  
→ **Chaco plug 4602' - 4502'**
8. **Plug #4 (Picture Cliffs, Fruitland, Kirtland and Ojo Alamo tops, 3718' - 3072')**: Mix 79 sxs Class B cement and spot a balanced plug inside casing to cover from the Pictured Cliffs top to through the Ojo Alamo top. TOH.
9. **Plug #5 (Nacimiento top, <sup>1889 1789</sup>1637' - <sup>1589</sup>1537')**: Perforate 3 HSC holes at ~~1637'~~ TIH and set a CR at ~~1587'~~ 1587'. Establish a rate into the squeeze holes. Mix 47 sxs Class B cement, squeeze 30 sxs outside the casing and leave 17 sxs inside casing to cover the Nacimiento top. TOH and LD tubing.

10. **Plug #6 (8.625" Surface casing shoe, 470' to Surface):** Perforate 3 squeeze holes at 470'. Establish circulation out bradenhead with water and circulate the BH annulus clean. Mix approximately 145 sxs Class B cement and pump down the 5.5" casing to circulate good cement out bradenhead. Shut in well and WOC.
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.

### Most Recent Job

Jobs				
Job Category	Primary Job Type	Secondary Job Type	Actual Start Date	End Date
	Re-completion			

Well Config: Vertical - Main Hole, 7/21/2010 8:51:07 AM



**UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
FARMINGTON DISTRICT OFFICE  
1235 LA PLATA HIGHWAY  
FARMINGTON, NEW MEXICO 87401**

Attachment to notice of  
Intention to Abandon:

Re: Permanent Abandonment  
Well: 12 Jicarilla 20

**CONDITIONS OF APPROVAL**

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."

2. Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 599-8907.

3. The following modifications to your plugging program are to be made:

- a) Bring the top of the Dakota/Gallup plug to 6624'.
- b) Place a cement plug from 4602' – 4502' to cover the Chacra top.
- c) Place the Nacimiento plug from 1889' – 1789' inside and outside the 5 ½" casing.

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements.

Office Hours: 7:45 a.m. to 4:30 p.m.