

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**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.*

5. Lease Serial No.  
**Jicarilla Contract 65**  
6. If Indian, Allottee or Tribe Name  
**Jicarilla Apache**

**SUBMIT IN TRIPLICATE** - Other instructions on page 2.

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

7. If Unit of CA/Agreement, Name and/or No.

8. Well Name and No.  
**Jicarilla 22 #6**

2. Name of Operator

**ConocoPhillips Company**

9. API Well No.  
**30-039-20442**

3a. Address

**PO Box 4289, Farmington, NM 87499**

3b. Phone No. (include area code)

**(505) 326-9700**

10. Field and Pool or Exploratory Area

**W. Lindrith Gallup Dakota/Blanco MV**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**Surface UNIT A (NENE), 830' FNL & 670' FEL, Sec. 22, T25N, R4W**

11. Country or Parish, State

**Rio Arriba New Mexico**

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input 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 checked="" 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 must 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 must be filed once Testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

The subject well was P&A'd on 12/15/14 per the attached report.

Approved as to plugging  
of the well bore. Liability  
under bond is retained until  
surface restoration is completed.

RECEIVED

FEB 03 2015

NMOCD  
DISTRICT III

ACCEPTED FOR RECORD

FEB 03 2015

FARMINGTON FIELD OFFICE  
BY: *TL Solvers*

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

**DENISE JOURNEY**

Title **Staff Regulatory Technician**

Signature

*Denise Journey*

Date

**12/31/2014**

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

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

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.

# A-PLUS WELL SERVICE, INC.

P.O. BOX 1979

Farmington, New Mexico 87499

505-325-2627 \*fax: 505-325-1211

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Jicarilla 22 #6

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830' FNL and 670' FEL, Section 22, T-25-N, R-4-W

Rio Arriba County, NM

Lease Number: Contract 65

API #30-039-20442

**Plug and Abandonment Report**  
Notified NMOCD and BLM on 11/13/14

## Plug and Abandonment Summary:

- Plug #1** with CR at 7677' spot 20 sxs (23.6 cf) Class B cement inside casing from 7677' to 7414' to cover the Perforations, Dakota and Graneros tops. Tag TOC at 7423' ✓
- Plug #2 (1<sup>st</sup> stage)** with CR at 6829' spot 25 sxs (29.5 cf) Class B cement inside casing from 6829' to 6500' to cover the Gallup top.
- Plug #2 (2<sup>nd</sup> stage)** with CR at 6482' spot 53 sxs (62.54 cf) Class B cement with 39 sxs out 4-1/2" casing, 2 sxs below CR and 12 sxs above CR from 6511' to 6324' to cover the Gallup top. Tag TOC at 6137' ✓
- Plug #3** with CR at 6016' spot 51 sxs (60.18 cf) Class B cement with 39 sxs out 4-1/2" casing, 4 sxs below CR, 8 sxs above CR from 6074' to 5911' to cover the Mancos top. Tag TOC at 5890' ✓
- Plug #4** with 42 sxs (49.56 cf) Class B cement inside casing from 5655' to 5101' to cover the Mesaverde top. Tag TOC at 5117' ✓
- Plug #5** with 20 sxs (23.6 cf) Class B cement inside casing from 4455' to 4196' to cover the Chacra top. Tag TOC at ~~5210'~~ 4210' ✓
- Plug #6** with 20 sxs (23.6 cf) Class B cement inside casing from 3565' to 3302' to cover the Pictured Cliffs top. Tag TOC at 3340' ✓
- Plug #7 (1<sup>st</sup> stage)** with 12 sxs (14.16 cf) Class B cement inside casing from 3314' to 3156' to cover the Fruitland Coal formation bottom. Tag TOC low at 3227' ✓
- Plug #7 (2<sup>nd</sup> stage)** with CR at 3120' started mixing 48 sxs and centrifugal pump failed. Stopped pumping cement reverse circulated with 20 bbls of water. RU pump to tubing sting into CR insure clean and rate at 1.3 bpm at 700 PSI sting out TOH to 2350'.
- Plug #7 (2<sup>nd</sup> stage)** with CR at 3120' spot 121 sxs (142.78 cf) Class B cement squeeze 3 sxs below CR and 61 outside 4-1/2" casing and 57 sxs above from 3160' to 2361' to cover the Fruitland and Ojo Alamo tops. Tag TOC at 2365' ✓
- Plug #8** with 20 sxs (23.6 cf) Class B cement inside casing from 1760' to 1497' to cover the Nacimiento top. ✓
- Plug #9** with CR at 260' spot 145 sxs (171 cf) Class B cement inside casing from 297' to surface with 23 sxs inside 4-1/2" casing, 110 sxs outside 4-1/2" casing and approximately 12 sxs good cement returns to pit to cover the surface casing shoe and set surface plug. Tag TOC at 20'.
- Plug #10** with 20 sxs Class B cement top off casings and weld on P&A marker with coordinates N 36° 23' 24.39" / W 107° 13' 57.54" ✓

## Plugging Work Details:

11/14/14 Rode rig and equipment to location. Spot in and RU. SI well. SDFD.

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### Plugging Work Details (continued):

- 11/17/14 Bump test H2S equipment. Open up well; no pressures. ND wellhead. Install tubing hanger with back pressure valve. NU BOP. Function test BOP. Pressure test BOP blind/pipe rams at 250 PSI and 1250 PSI, OK. TIH and tally 2-3/8", 4.7#, J-55 EUE tubing 4-1/2" retrieving head, 2-3/8" string float, 2 tubing jnts, 2' pump jnt 104 jnts tag fill at 3344'. Wash out 6" of fill and establish circulation with 26 bbls of water and wash out 6' of fill, tubing broke through. No tag existing RBP at 3350'. SI well. SDFD.
- 11/18/14 Bump test H2S equipment. Open up well; no pressures. RU relief lines. TIH and tag fill at 3354'. RU tubing swivel. Establish circulation with 23 bbls of water clean out 20' fill and latch onto existing 4-1/2" Select RBP with total 50 bbls of water used. Circulate well clean. Establish rate of 4 bpm at 700 PSI. Continue to TOH with RBP dragging over string weight. Hang up RBP at 2566'. Attempt to free RBP, unable to move release from RBP. LD 1 jnt and RU power swivel. Latch onto RBP. Establish circulation. Work tubing from 0-20K no movement. Pump 20 bbls of water and work tubing from 0-40K able to free tubing at 35K pull. LD power swivel. Continue to TOH. Unable to free RBP. SI well. SDFD.
- 11/19/14 Open up well; no pressures. Spot in power swivel. PU retrieving head. TIH with 2 jnts 2-3/8" tubing. PU and RU power swivel. Latch onto RBP 4-1/2" at 75'. Pump 5 bbls of water. Turn on RBP attempt to free work weight from 0 to 30K, unable to free RBP. Wait on orders. Note: COPC request to use drill collars and jars. Release retrieving head from RBP. RD power swivel. ND stripping head. Wait on annular BOP stack and drill collars. SI well. SDFD.
- 11/20/14 Bump test H2S equipment. Open up well; no pressures. Spot in Weatherford annular BOP. NU annular BOP. RU hydraulic hoses. PU 3-1/8" DC set above blind rams. Function test annular BOP, OK. PU and TIH with 4-1/2" RBP retrieving tool, set jars, bumper sub, 3 DC, 1 intensifier, latch on to RBP at 75'. Work string to beat down RBP. Free RBP. TOH and LD DC, bumper sub, intensifier, jars and retrieving head with 4-1/2" RBP. Note: 3 slips missing on RBP. PU 3-1/2" magnet, x-over to 2-3/8" tubing TIH with 106 tubing jnts. PU and tally 68 tubing jnts with magnet at 5522'. SI well. SDFD.
- 11/21/14 Bump test H2S equipment. Open up well; no pressures. PU jnts 2-3/8" 4.7#, J-55 EUE tag fill with jnt #177 set down 4K on magnet at 5633'. TOH with tubing and magnet. Note: small metal pieces in returns, no slips. MU sawtooth over magnet to wash over and down on slips. TIH and establish circulation. Wash down 1' pressure up to 500 PSI, lost circulation. Pump down tubing pressure to 1100 PSI and held pressure. Unable to free blockage from tubing LD 1 jnt tubing. TOH to 5396'. Wait on orders. TOH to displace water. SI well. SDFD.
- 11/24/14 Bump test H2S equipment. Open up well; no pressures. RU slickline. RIH with 1.906 GR stack out at 670'. POH with GR. RIH with 1.906 brouch to 3326' stack out. POH with brouch. RIH with junk basket to 1400' unable to pass. POH. TIH with collar stop and set at 3281'. POH. RIH with tubing punch. Pop hole at 3280'. POH. RIH with retrieving tool and retrieve collar stop at 3281'. POH. RD slickline. LD 1 magnet. PU globe tool, 2-3/8" flapper valves. TIH with 7 tubing jnts, 1 dump bailer, 1-2' perf sub, 2 tubing jnts. SI well. SDFD.

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### Plugging Work Details (continued):

- 11/25/14 Bump test H2S equipment. Open up well; no pressures. TIH with Globe tool and tubing bailer. Tag fill at 5633'. Clean out with bailer to 5648'. TOH and LD bailer. Recovered 2 sets of slips and metal fragments. PU 4-1/2" RBP retrieving head 2 - 2-3/8" flapper valves, 7 tubing jnts, 1 tubing bailer, 2 stands tubing with retrieving head at 2995'. SI well. SDFD.
- 11/26/14 Bump test H2S equipment. Open up well; no pressures. Continue TIH with tubing, sand bailer, flapper and RH. Sand bailed and cleaned out fill and latched onto RBP. TOH and stand back pipe, disassembled down hole tools. ND annular. SI well. SDFD.
- 12/1/14 Bump test H2S equipment. Check well pressures: 4.5" SICP 350 PSI and SI BHP 0 PSI. RU relief lines. Blow well down. PU 3-7/8" bit and string mill. TIH to 7709'. TOH and LD string mill and bit. PU 4-1/2" Select CR and set at 7677'. Establish circulation. Establish rate of 3 bpm at 900 PSI. SI well. SDFD.
- 12/2/14 Bump test H2S equipment. Open up well; no pressures. Establish circulation. Circulate well clean. Spot plug #1 with calculated TOC at 7414'. WOC. Slip drill line. Change out PT's. Cut off 20' sand line. TIH and tag TOC at 7423'. SI well. SDFD.
- 12/3/14 Bump test H2S equipment. Open up well; no pressures. RU A-Plus wireline. Ran CBL from 7000' to 830' free casing for plug #2 from 6511' to 6410'. PU 4-1/2" Select Oil CR and set at 6829'. SI well. SDFD.
- 12/4/14 Bump test H2S equipment. Open up well; no pressures. Establish circulation. Spot plug #2 (1<sup>st</sup> stage) with calculated TOC at 6500'. Reverse circulate well clean. RU A-Plus wireline. Perforated 3 HSC squeeze holes at 6505' (collar at 6511'). PU 4-1/2" Select Oil CR and set at 6482'. Establish circulation. Sting into CR. Establish rate of 1.5 bpm at 600 PSI. Spot plug #2 (2<sup>nd</sup> stage). SI well. SDFD.
- 12/5/14 Bump test H2S equipment. Open up well; no pressures. TIH and tag TOC at 6137'. Note: R. Velarde, Jicarilla BLM approved procedure change. RU A-Plus wireline. Perforate 3 HSC squeeze holes at 6074'. PU 4-1/2" Select Oil CR and set at 6016'. Establish circulation. Establish rate of 1.2 bpm at 600 PSI. Spot plug #3 with calculated TOC at 5911'. SI well. SDFD.
- 12/8/14 Open up well; no pressures. TIH and tag TOC at 5890'. Establish circulation. Spot plug #4 with calculated TOC at 5101'. WOC. TIH and tag TOC at 5117'. Establish circulation. Spot plug #5 with calculated TOC at 4196'. WOC. SI well. SDFD.
- 12/9/14 Bump test H2S equipment. Open up well; no pressures. TIH and tag TOC at 5210'. Establish circulation. Spot plug #6 with calculated TOC at 3302'. WOC. TIH and tag TOC at 3340'. Establish circulation. Spot plug #7 (1<sup>st</sup> stage) with calculated TOC at 3156'. Reverse circulate well clean. SI well. SDFD.

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### Plugging Work Details (continued):

- 12/10/14 Bump test H2S equipment. Open up well; no pressures. TIH and tag TOC at 3227'. Wait on orders. Note: Tag TOC low 67'. Establish circulation. Establish rate of 1 bpm at 700 PSI. Note: J. Vasquez, COPC and R. Velarde, Jicarilla BLM approved procedure changes. RU A-Plus wireline. Perforate 3 HSC squeeze holes at 3160'. PU 4-1/2" Select Oil CR and set at 3120'. Establish circulation. Establish rate into perfs at 3160' at 1.4 bpm at 700 PSI. Attempt to spot plug #7 started mixing 48 sxs and centrifugal pump failed. Stopped pumping cement reverse circulated with 20 bbls of water. RU pump to tubing sting into CR insure clean and rate at 1.3 bpm at 700 PSI sting out TOH to 2350'. SI well. SDFD.
- 12/11/14 Bump test H2S equipment. Open up well; no pressures. TIH to CR at 3120'. Establish rate of 1.3 bpm at 700 PSI. Spot plug #7 (2<sup>nd</sup> stage) with calculated TOC at 2361'. WOC. Reverse circulate. Establish circulation. Pressure test tubing to 600 PSI, OK. SI well. SDFD.
- 12/12/14 Bump test H2S equipment. Open up well; no pressures. TIH and tag TOC at 2365'. Establish circulation. Pressure test casing to 600 PSI. PK. Spot plug #8 with calculated TOC at 1497'. RU A-Plus wireline. Perforate 4 HSC squeeze holes at 297'. Establish circulation with 32 bbls of water circulate well clean at rate of 3.5 bpm at 500 PSI. Spot plug #9 with TOC at surface. SI well. SDFD.
- 12/15/14 Bump test H2S equipment. Tag TOC at 20'. Fill out Hot Work Permit. Cut off wellhead. Found cement down 5' in bradenhead and 20' in 4-1/2" casing from ground level. Spot plug #10 top off casings and weld on P&A marker with coordinates N 36° 23' 24.39" W 107° 13' 57.54". RD and MOL.

Rod Velarde, Jicarilla BLM representative, was on location. ✓