

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

MAY 01 2013

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

Farmington Field Office  
Bureau of Land Management

5. Lease/Serial No.

Jicarilla Contract 106

**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.**

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 B 13M

2. Name of Operator

ConocoPhillips Company

9. API Well No.

30-039-25773

3a. Address

PO Box 4289, Farmington, NM 87499

3b. Phone No. (include area code)

(505) 326-9700

10. Field and Pool or Exploratory Area

Blanco MV / Basin DK

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

Surface Unit D (NWNW), 1060' FNL & 1040' FWL, Sec. 36, T26N, 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

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

BP

TYPE OF ACTION

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☒ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☐ Other

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.)

ConocoPhillips requests permission to P&A the subject well per the attached procedure, current and proposed wellbore schematics.

# Extend the Marcos plug down to 6360'

RCVD MAY 7 '13  
OIL CONS. DIV.  
DIST. 3

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

Dollie L. Busse

Title Staff Regulatory Technician

Signature

Date

4/30/13

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Original Signed: Stephen Mason

Title

Date

MAY 03 2013

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.

(Instruction on page 2)

NMOC D

**ConocoPhillips**  
**JICARILLA B 13M**  
**Expense - P&A**

Lat 36° 26' 50.168" N

Long 107° 12' 30.96" W

**PROCEDURE**

Note: This project requires a NMOCD C-144 CLEZ Closed-Loop System Permit for the use of a steel tank to handle waste fluids circulated from the well and cement wash up. All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be ASTM Type II (Class B) mixed at 15.6 ppg with a 1.18 cf/sk yield.

1. Hold pre-job safety meeting. Comply with all NMOCD, BLM, and COPC safety and environmental regulations. Test rig anchors prior to moving in rig.
2. MIRU work over rig. Check casing, tubing, and bradenhead pressures and record them in Wellview.
3. RU blow lines from casing valves and begin blowing down casing pressure. Kill well with water, if necessary.
4. ND wellhead and NU BOPE. Pressure test and function test BOP. PU and remove tubing hanger and tag for fill, adding additional joints as needed. Record fill depth in Wellview.
5. TOOH with tubing (per pertinent data sheet). PU mill and bit sub for 7" 23# casing and run to 7896', or as deep as possible. POOH.

Rods:	No	Size:		Length:	
Tubing:	Yes	Size:	2-3/8"	Length:	7888.5'
Packer:	No	Size:		Depth:	

**6. Plug 1 (Dakota Perforations and Formation Top, 7846' - 7746', 29 Sacks Class B Cement):** PU cement retainer for 7" 23# casing and set at 7846'. Mix 29 sx Class B cement and spot inside the casing above CR to isolate the Dakota perforations and formation top. PUH.

**7. Plug 2 (Gallup Formation Top, ~~6979'~~ - ~~6879'~~, 29 Sacks Class B Cement):** Mix 29 sx Class B cement and spot a balanced plug inside casing to isolate the Gallup formation top. PUH.

**8. Plug 3 (Mancos Formation Top, ~~6350'~~ - ~~6230'~~, 29 Sacks Class B Cement):** Mix 29 sx Class B cement and spot a balanced plug inside casing to isolate the Mancos formation top. POOH.

**9. Plug 4 (Mesa Verde Perforations, 5769' - 5669', 29 Sacks Class B Cement):** PU cement retainer for 7" 23# casing and set at 5769'. Pressure test tubing to 1000#. Pressure test casing to 600#. If casing does not test, then spot and tag subsequent plugs as necessary. Mix 29 sx Class B cement and spot inside the casing above CR to isolate the Mesa Verde perforations. POOH.

**10. Plug 5 (Mesa Verde Formation Top, 5384' - 5284', 55 Sacks Class B Cement):** Perforate 3 HSC holes at 5384'. PU cement retainer for 7" 23# casing and set at 5334'. Establish injection rate into squeeze holes. Mix 55 sx Class B cement. Squeeze 26 sx into HSC holes and leave 29 sx inside the casing to isolate the Mesa Verde Formation Top. PUH.

**11. Plug 6 (Chacra Formation Top, 4662' - 4562', 29 Sacks Class B Cement):** Mix 29 sx Class B cement and spot a balanced plug inside casing to isolate the Chacra formation top. PUH.

**12. Plug 7 (Pictured Cliffs, Fruitland, and Ojo Alamo Formation Tops, 3726' - 3132', 121 Sacks Class B Cement):** Mix 121 sx Class B cement and spot a balanced plug inside casing to isolate the Pictured Cliffs, Fruitland, and Ojo Alamo formation tops. PUH.

**13. Plug 8 (Nacimiento Formation Top, ~~1730'~~ - ~~1630'~~, 29 Sacks Class B Cement):** Mix 29 sx Class B cement and spot a balanced plug inside casing to isolate the Nacimiento formation top. POOH.

**14. Plug 9 (Surface Casing Shoe, 558' - 458', 56 Sacks Class B Cement):** Perforate 3 HSC holes at 558'. Set a cement retainer at 508'. Establish injection rate into squeeze holes. Mix 56 sx Class B cement. Squeeze 27 sx into HSC holes and leave 29 sx inside the casing to isolate the surface casing shoe. POOH.

**15. Plug 10 (Surface Plug, 50' - Surface, 34 Sacks Class B Cement):** Perforate 3 HSC holes at 50'. Establish circulation out the bradenhead with water and circulate BH annulus clean. Mix 34 sx Class B cement and pump down production casing to circulate good cement out bradenhead. Shut in well and WOC.

**16. Nipple down BOP and cut off casing below the casing flange. Install P&A marker with cement to comply with regulations. Rig down, move off location, cut off anchors, and restore location.**

# Current Schematic - Version 3

ConocoPhillips

Well Name: JICARILLA B#13M

API/UGI	State Legal Location	Field Name	License No.	State/Province	Well Configuration Type	Edit
3003925773	NMPM-26N-04W-36-D	MV/DK COM		NEW MEXICO	Vertical	
Gross Elevation @	Original R/W Elevation @	Rd-Gross Distance @	Rd-Casing Flange Distance @	Rd-Tubing Hanger Distance @		
7,090.00	7,103.00	13.00	13.00	13.00		

Well Config: Vertical - Original Hole, 2/8/2013 6:48:42 AM

ftKB (MD)	Schematic - Actual	From Final
13	Item 5-1, 13 ftKB, 13 ftKB	
507		
508		
1,630		
1,680		NACIMIENTO, 1,680
2,206		
3,182		OJO ALAMO, 3,182
3,410		
3,483		FRUITLAND, 3,410
3,484		
3,484	DV Tool set @ 3483'	
3,676		
3,754	Tubing, 2 3/8in, 4.70lbs/ft, J-55, 13 ftKB, 7,833 ftKB	PICTURED CLIFFS, 3,676
4,612		LEWIS, 3,754
5,152		
5,152	DV Tool set @ 5152'	CHACRA, 4,612
5,153		
5,334		
5,476		CLIFFHOUSE, 5,334
5,600		MENELEE, 5,476
5,810		
5,819		POINT LOOKOUT, 5,810
5,930		
5,930	Perforated, 5,819-5,930, 4/24/2001	
6,280		MANCOS, 6,280
6,929		U. GALLUP, 6,929
7,170		M. GALLUP, 7,170
7,490		SANOSTEE, 7,490
7,799		GREENHORN, 7,799
7,833	Marker Jt, 2 3/8in, 4.70lbs/ft, J-55, 7,833 ftKB, 7,837 ftKB	
7,837		
7,852	Tubing, 2 3/8in, 4.70lbs/ft, J-55, 7,837 ftKB, 7,869 ftKB	GRANEROS, 7,852
7,868	F-Nipple, 2 3/8in, 7,869 ftKB, 7,869 ftKB	
7,869		
7,894	Tubing, 2 3/8in, 4.70lbs/ft, J-55, 7,869 ftKB, 7,901 ftKB	DAKOTA, 7,894
7,896		
7,901		
7,902	Notched collar, 2 3/8in, 7,901 ftKB, 7,902 ftKB	
8,073		
8,116		
8,120		
8,122	Bridge Plug - Permanent, 8,120-8,122	
8,134		
8,135		
8,138		
8,155	TD, 8,155, 6/18/2007	

# Proposed Schematic

ConocoPhillips

Well Name: JICARILLA B#13M

API/UVI 3003925773	Corruse Legal Location NMPM-26N-04W-36-D	Field Name MV/DK COM	License No.	State/Province NEW MEXICO	Well Configuration Type Vertical	Edit
Ground Elevation (ft) 7,090.00	Original E.P.T. Elevation (ft) 7,103.00	1st-Grout Depth (ft) 13.00	1st-Casing Plug Depth (ft) 13.00	1st-Tabling Hanger Depth (ft) 13.00		

## Well Config: Vertical - Original Hole, 1/1/2020

ftKB (MD)	From Final	Schematic - Actual	
13			Plug #10, 13-50, 1/1/2020, Mix 34 sx Class B cement and pump down production casing to circulate good cement out bradenhead.
458		[SQUEEZE PERFS, 50, 1/1/2020]	Casing cement, 13-508, 7/9/2000, Cemented w/ 300 sx Class "B". Circulated 94 sx to surface.
508		Surface, 9 5/8in, 8.920in, 13 ftKB, 508 ftKB	
558		[Cement Retainer, 508-509]	Plug #9, 458-558, 1/1/2020, Mix 56 sx Class B cement, squeeze 27 sx behind casing and leave 29 sx inside casing to isolate the surface casing shoe.
1,680	NACIMIENTO, 1,680	[SQUEEZE PERFS, 558, 1/1/2020]	Plug #8, 1,630-1,730, 1/1/2020, Mix 29 sx Class B cement and spot a balanced plug inside casing to isolate the Nacimiento formation top.
2,206			Casing cement, 1,630-3,484, 8/8/2000, Stage 3: cmt w/ 271 sxs Class B @ 11.4 ppg. TOC @ 1630' CBL 8/22/2000.
3,182	OJO ALAMO, 3,182		Plug #7, 3,132-3,726, 1/1/2020, Mix 121 sx Class B cement and spot a balanced plug inside casing to isolate the Pictured Cliffs, Fruitland, and Ojo Alamo formation tops.
3,483	FRUITLAND, 3,410	[DV Tool set @ 3483']	Plug #6, 4,562-4,662, 1/1/2020, Mix 29 sx Class B cement and spot a balanced plug inside casing to isolate the Chacra formation top.
3,676	PICTURED CLIFFS, 3,676		Casing cement, 3,484-5,152, 8/8/2000, Stage 2: cmt w/ 282 sxs 50/50 POZ Class "B", 12.4 ppg TOC @ 3484' CBL 8/22/2000.
3,754	LEWIS, 3,754		Plug #5, 5,284-5,384, 1/1/2020, Mix 55 sx Class B cement, squeeze 26 sx behind casing and leave 29 sx inside casing to isolate the Mesaverde perforations.
4,612	CHACRA, 4,612	[DV Tool set @ 5152']	Plug #4, 5,669-5,769, 1/1/2020, Mix 29 sx Class B cement and spot inside the casing above CR to isolate the Mesaverde perforations.
5,152			Plug #3, 6,230-6,330, 1/1/2020, Mix 29 sx Class B cement and spot a balanced plug inside casing to isolate the Mancos formation top.
5,284	CLIFFHOUSE, 5,334	[Cement Retainer, 5,334-5,335]	Plug #2, 6,879-6,979, 1/1/2020, Mix 29 sx Class B cement and spot a balanced plug inside casing to isolate the Gallup formation top.
5,335		[SQUEEZE PERFS, 5,384, 1/1/2020]	Plug #1, 7,746-7,846, 1/1/2020, Mix 29 sx Class B cement and spot inside the casing above CR to isolate the Dakota perforations and formation top.
5,476	MENELEE, 5,476		
5,669		[Cement Retainer, 5,769-5,770]	
5,770	POINT LOOKOUT, 5,810		
5,819		[Perforated, 5,819-5,930, 4/24/2001]	
6,230	MANCOS, 6,280		
6,330			
6,929	U. GALLUP, 6,929		
7,170	M. GALLUP, 7,170		
7,446	SANOSTEE, 7,490		
7,799	GREENHORN, 7,799		
7,833			
7,846		[Cement Retainer, 7,846-7,847]	
7,852	GRANEROS, 7,852		
7,869			
7,896	DAKOTA, 7,894		
7,902		[Perforated, 7,896-8,073, 8/22/2000]	
8,116			
8,122		[Bridge Plug - Permanent, 8,120-8,122]	[Display Cement Fill, 8,116-8,120, 2/1/2013]
8,135		Production, 7in, 6.280in, 13 ftKB, 8,135 ftKB	Casing cement, 5,600-8,135, 8/8/2000, Stage 1: cmt w/ 252 sxs Lite Crete cement 9 ppg. TOC 5600' CBL 8/22/2000
8,155		[TD, 8,155, 6/18/2007]	

UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
FARMINGTON DISTRICT OFFICE  
6251 COLLEGE BLVD.  
FARMINGTON, NEW MEXICO 87402

Attachment to notice of  
Intention to Abandon:

Re: Permanent Abandonment  
Well: 13M Jicarilla B

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) 564-7750.
3. The following modifications to your plugging program are to be made:
  - a) Place the Gallup plug from 6784' – 6684'.
  - b) Place the Mancos plug from 6251' – 6151'.
  - c) Place the Nacimiento plug from 2006' - 1906'.

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.