

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

NOV 08 2013

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

Farmington Field Office

SF-079947

SUNDRY NOTICES AND REPORTS ON WELLS of Land
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 page 2.

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		7. If Unit of CA/Agreement, Name and/or No.
2. Name of Operator ConocoPhillips Company		8. Well Name and No. Helen Jackson #2
3a. Address PO Box 4289, Farmington, NM 87499	3b. Phone No. (include area code) (505) 326-9700	9. API Well No. 30-045-07723
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Surface UNIT A (NENE), 790' FNL & 1265' FEL, Sec. 33, T29N, R9W		10. Field and Pool or Exploratory Area Blanco Mesaverde
		11. Country or Parish, State San Juan New Mexico

12. CHECK THE 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 recomplete 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 recompletion 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.)

Burlington Resources requests permission to P&A the subject well per the attached procedure, current and proposed wellbore schematics. The Pre-Disturbance Site Visit was held on 11/6/13 w/Bob Switzer, BLM Representative. The Re-Vegetation Plan is attached. A Closed Loop System will be used.

OIL CONS. DIV DIST. 3

NOV 25 2013

Notify NMOCD 24 hrs prior to beginning operations

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Denise Journey		Title Regulatory Technician
Signature <i>Denise Journey</i>		Date 11/7/2013

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by Original Signed: Stephen Mason	Title	Date NOV 21 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.

NMOCD A

ConocoPhillips
HELEN JACKSON 2
Expense - P&A

Lat 36° 41' 14.284" N

Long 107° 46' 53.652" W

PROCEDURE

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 P&A 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 and function test BOP to 200-300 psi and 1000 psi over SICP to a maximum of 2000 psi or as per COP Well Control Manual. PU and remove tubing hanger.
5. TOOH with tubing (per pertinent data sheet).
6. Change over to equipment for handling 2-3/8" tubing. Change pipe rams to 2-3/8" and retest.
7. Pick up 2-3/8" work string and round trip 3-7/8" watermelon mill to 3810' or as deep as possible.
8. Pick up cement retainer for 4-1/2" J-55 9.5 ppf casing. Set at 3810'. Load hole with water and circulate clean. Pressure test casing to 600 psi and pressure test tubing to 800 psi. If casing does not test, spot or tag subsequent plugs as appropriate. TOH.
9. Rig up wireline and run CBL on 4-1/2" casing under 500 psi pressure.

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 mixed at 15.6 ppg with a 1.18 cf/sk yield.

10. Plug 1 (Mesa Verde Perforations, 3810'-3710', 12 Sacks Class B Cement.)

Mix cement as described above and spot a balanced plug inside the casing to isolate the Mesa Verde perforations. TOOH with tubing.

11. Perforate 3 HSC holes at 3250'. Pull out of hole with wireline.
12. Establish circulation down casing, through squeeze holes, and out intermediate casing annulus valve. Circulate annulus clean.
13. Pick up cement retainer for 4-1/2 J-55 9.5 ppf casing and set at 3200'.

14. Plug 2 (Chacra Formation Tops, 3250'-3150', 30 Sacks Class B Cement.)

Mix cement as described above and pump 23 sacks of cement through squeeze holes. Sting out of cement retainer and spot 7 sacks of cement on top of cement retainer.

15. Perforate 3 HSC holes at 2387'. POOH with wireline.

16. Plug 3 (PC Formation Top and Intermediate Casing Shoe, 2387'-2167', 39 Sacks Class B Cement.)

Set Cement retainer at 2337'. Mix cement as described above and pump 39 sacks cement through squeeze holes. POOH with tubing.

17. RU free point and cut casing as close to 2100' as possible. POOH and LD cut 4-1/2" casing. Run a 7" gauge ring or casing scraper to 2100' (or top of 4-1/2" casing) If casing does not cut or will not POOH, call Rig Superintendent and Wells Engineer.

18. Run CBL from 2100' to surface to identify TOC on intermediate casing.

19. Plug 4 (4-1/2" Casing Top and Fruitland Top, 2337'-1683', 119 Sacks Class B Cement.)

RIH with tubing. Mix cement and spot balanced plug inside casing as described above. Pull up hole.

20. Plug 5 (Kirtland Formation Top, ^{1330'-1230'}~~4347'-4217'~~, 29 Sacks Class B Cement.)

Mix cement and spot balanced plug as described above. TOOH.

21. Perforate 3 HSC holes at ^{1172'}~~1453'~~ (depth may be adjusted once CBL is run). POOH with wireline.

Combine PC & Fruitland plugs from 2387' - 1876'

1172' - 1072'

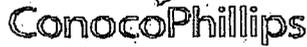
22. Plug 6 (Ojo Alamo, ~~1453'-1053'~~, 55 Sacks Class B Cement.)

Set 7" cement retainer at 1103'. Establish circulation through squeeze holes. Pump 40 sacks. Sting out of cement retainer and spot 15 sacks on top of cement retainer. POOH.

23. Plug 7 (Surface Casing Shoe, 252' -0', 140 Sacks Class B Cement.)

RIH and perforate 3 HSC holes at 252'. POOH with wireline. Establish circulation out intermediate casing valve. Set 7" cement retainer at 202'. Mix cement as described above and circulate good cement out casing valve. Sting out of retainer and spot a plug from 202' to surface. Shut in well and WOC. Tag and top out as necessary.

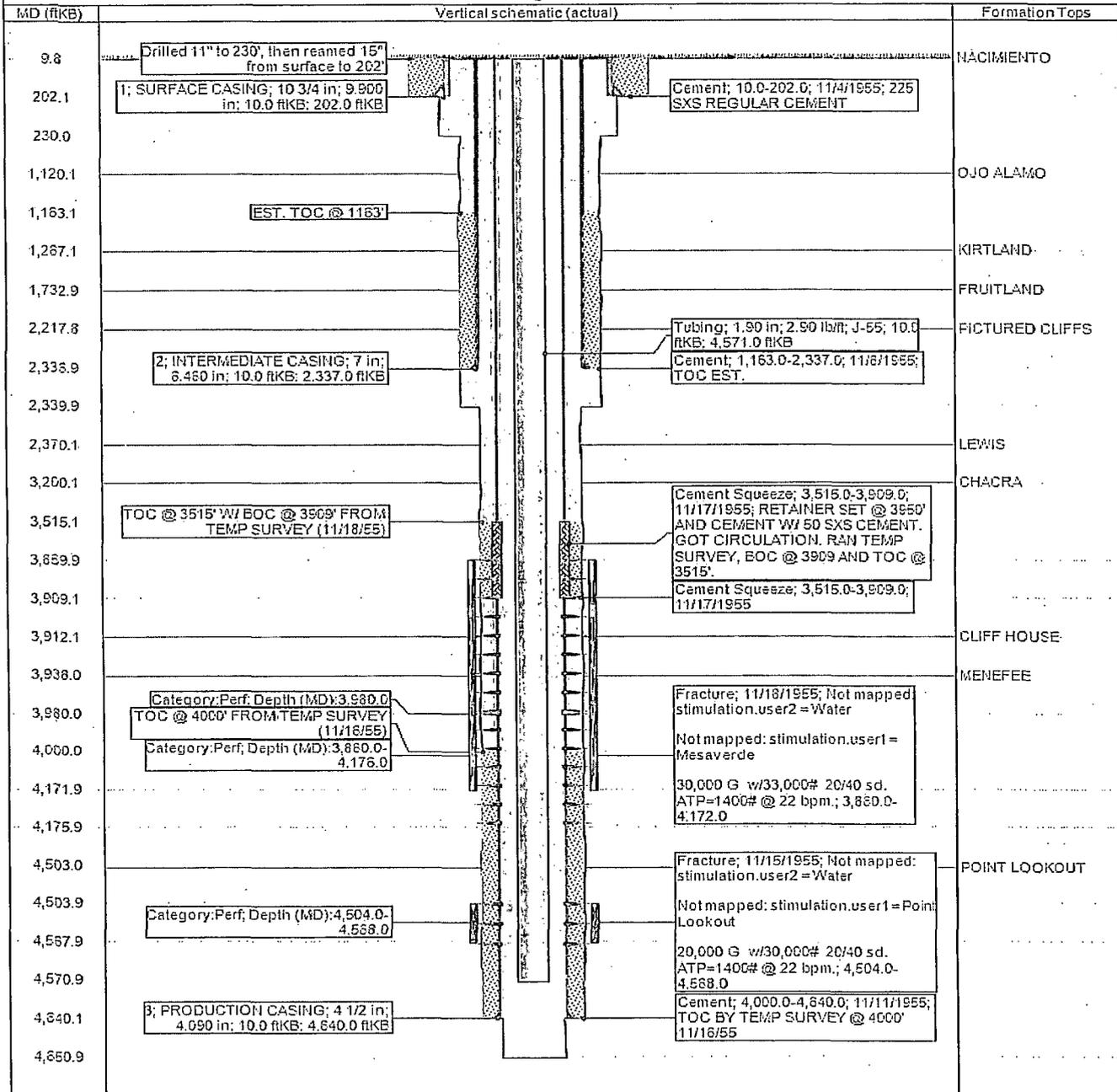
24. Nipple down BOP and cut off casing below the casing flange. Install P&A marker with cement to comply with regulations. RDMO, cut anchors, and restore location.



Schematic - Current
HELEN JACKSON #2

District SOUTH	Field Name NW	API UWI 3004607723	County SAN JUAN	State/Province NEW MEXICO	
Original Spud Date 11/30/1955	Surface Legal Location 033-029N-009W-A	East/West Distance (ft) 1,265.00	East/West Reference E	North/South Distance (ft) 790.00	North/South Reference N

Vertical - Original Hole, 1/1/2020



Proposed Schematic
HELEN JACKSON #2

District SOUTH	Field Name MV	API / UWI 3004507723	County SAN JUAN	State/Province NEW MEXICO
Original Spud Date 11/3/1955	Surf Loc 033-029M-009W-A	EastWest Distance (ft) 1,265.00	EastWest Reference E	N/S Dist (ft) 790.00
			North/South Reference N	

Vertical - Original Hole, 1/1/2020 6:45:00 AM

Vertical schematic (actual)	MD (ftKB)	Formation Tops
	9.6	NACIMIENTO
Cement Retainer; 202.0-203.0	203.1	
	252.0	
Cement Retainer; 1,103.0-1,104.0	1,103.0	
	1,120.1	OJO ALAMO
	1,163.1	
	1,267.1	KIRTLAND
	1,683.1	FRUITLAND
	2,099.7	
	2,167.0	
Cement Retainer; 2,337.0-2,338.0	2,335.9	PICTURED...
	2,339.9	
	2,367.1	LEWIS
Cement Retainer; 3,200.0-3,201.0	3,200.1	CHACRA
	3,250.0	
Cement Retainer; 3,810.0-3,811.0	3,710.0	
	3,811.0	
	3,909.1	CLIFF HOU...
	3,936.0	MENEFFEE
Fracture: 11/18/1955; Mesaverde 30,000 G w/33,000# 20/40 sd. ATP=1400# @ 22 bpm.	4,000.0	
	4,175.9	
Fracture: 11/15/1955; Point Lookout 20,000 G w/30,000# 20/40 sd. ATP=1400# @ 22 bpm.	4,503.9	POINT LOO...
	4,640.1	

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: 2 Helen Jackson**

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) Combine Pictured Cliffs & Fruitland plugs from 2387'-1870'.
 - b) Place the Kirtland plug from 1330'-1230'.
 - c) Perforate 3 HSC holes at 1172'.
 - d) Place Ojo Alamo plug from 1172'-1072'.

* If 4.5" casing cannot be pulled at $\pm 2100'$, contact BLM Engineer.

**See attachment for additional information.

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.