

RECEIVED

Form 3160-5
(August 2007)

SEP 28 2015

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

Farmington Field Office
Bureau of Land Management

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.

SUBMIT IN TRIPLICATE - Other instructions on page 2.

1. Type of Well

☐ Oil Well

☒ Gas Well

☐ Other

2. Name of Operator

ConocoPhillips Company

3a. Address

PO Box 4289, Farmington, NM 87499

3b. Phone No. (include area code)

(505) 326-9700

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

UL M (SWSW), 970' FSL & 870' FWL, SEC. 29, T29N, R9W

5. Lease Serial No.

SF-080245

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

Hamner #3E

9. API Well No.

30-045-24800

10. Field and Pool or Exploratory Area

Basin Dakota

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

☒ Notice of Intent

☐ Acidize

☐ Deepen

☐ Production (Start/Resume)

☐ Water Shut-Off

☐ Subsequent Report

☐ Alter Casing

☐ Fracture Treat

☐ Reclamation

☐ Well Integrity

☐ Casing Repair

☐ New Construction

☐ Recomplete

☐ Other

☐ Change Plans

☒ Plug and Abandon

☐ Temporarily Abandon

☐ Final Abandonment Notice

☐ Convert to Injection

☐ Plug Back

☐ 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 recompleate 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 recompleation 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 Company 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 9/21/15 with Bob Switzer/BLM. The Re-Vegetation Plan is attached. A Closed Loop System will be used.

Notify NMOCD 24 hrs
prior to beginning
operations

OIL CONS. DIV DIST. 3

OCT 16 2015

BLM'S APPROVAL OR ACCEPTANCE OF THIS ACTION DOES NOT RELIEVE THE LESSEE AND OPERATOR FROM OBTAINING ANY OTHER AUTHORIZATION REQUIRED FOR OPERATIONS ON FEDERAL AND INDIAN LANDS

SEE ATTACHED FOR CONDITIONS OF APPROVAL

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

Patsy Clugston

Staff Regulatory Technician

Title

Signature

Patsy Clugston

Date

9/24/2015

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

PE

Date

10/13/15

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

FFO

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)

NMOCD

6
aw

ConocoPhillips
HAMNER 3E
Expense - P&A

Lat 36° 41' 31.589" N

Long 107° 48' 31.32" W

PROCEDURE

NOTE: This is a dual well with a Model F packer set at 6,460'

This project requires the use of an A-Plus steel tank to handle waste fluids circulated from the well and cement wash up.

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. **Before RU, run WL remove downhole equipment. If an obstruction is found, set a locking-3-slip-stop in the tubing.**

2. MIRU workover rig. Check casing, tubing, and bradenhead pressures and record them in Wellview. **If there is pressure on the BH, contact the Wells Engineer.**

3. Remove existing piping on casing valve. **NOTE: This is a dual well with a packer.** RU blow lines from casing valves and begin blowing down casing pressure. Kill well as necessary, down casing and down Dakota tubing. Ensure well is dead or on a vacuum.

4. ND wellhead and NU normal double BOP with 2-3/8" pipe rams and a single BOP with offset 1-1/4" pipe rams and offset spool for short string. Pressure and function test BOP to 250 psi low and 1,000 psi over SICP high to a maximum of 2,000 psi held and charted for 10 minutes as per COP Well Control Manual. PU and remove tubing hanger

5. Unseat the short string of tubing. TOOH and LD short string from the Chacra formation. Remove the offset spool and offset rams.

NOTE ON PACKER: Packer is a 4-1/2" Model "F" packer set in 1981. Straight pickup should release the assembly.

6. PU on tubing and release the seal assembly on 4-1/2" Model "F" packer with straight pickup. If seal assembly does not release or POOH, contact Wells Engineer. TOOH with tubing (per pertinent data sheet.) **Blast joints are placed in tubing string at 3,094' and 3,196'.**

Tubing size: 2-3/8" 4.7# J-55 EUE

Set Depth: 6,484'

KB: 13'

7. PU 3-7/8" bit and watermelon mill and round trip as deep as possible above top Dakota perforation at 6,482'.

8. PU 4-1/2" CR on tubing, and set a 6,432'. Pressure test tubing to 1,000 psi. Sting out of CR. Load hole, and pressure test casing to 800 psi. *If casing does not test, then spot or tag subsequent plugs as appropriate.* POOH w/ tubing.

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

9. Plug 1 (Dakota Perforations, Dakota and Graneros formation tops, 6332-6432', 12 Sacks Class B Cement)

Mix 12 sx Class B cement and spot a balanced plug inside the casing to cover the Dakota perforations and Dakota and Graneros formation tops. PUH.

10. Plug 2 (Gallup formation top, 5538-5638', 12 Sacks Class B Cement)

Mix 12 sx Class B cement and spot a balanced plug inside the casing to cover the Gallup formation top. PUH.

11. Plug 3 (Mancos formation top, 4710-4810', 12 Sacks Class B Cement)

Mix 12 sx Class B cement and spot a balanced plug inside the casing to cover the Mancos formation top. PUH.

12. Plug 4 (Mesaverde formation top, 3750-3850', 12 Sacks Class B Cement)

Mix 12 sx Class B cement and spot a balanced plug inside the casing to cover the Mesaverde formation top. POOH.

13. Plug 5 (Chacra Perforations, Chacra formation top, 2955-3055', 12 Sacks Class B Cement)

RIH with a 4-1/2" CR and set at 3,065'. Mix 12 sx Class B cement and spot a balanced plug inside the casing to cover the Chacra formation top and Chacra perforations. POOH.

14. RU wireline and run CBL with 500 psi on casing from CR to surface to identify TOC. *Adjust plugs as necessary for new TOC. Email log copy to Troy Salyers (BLM) at tsalyers@blm.gov and Brandon Powell (NMOCD) at brandon.powell@state.nm.us upon completion of logging operations.*

15. Plug 6 (Production Liner Top, 2477-2577', 27 Sacks Class B Cement)

Mix 29 sx Class B cement and spot a balanced plug inside the casing to cover the production liner top. PUH.

16. Plug 7 (Pictured Cliffs formation top, 2071-2171', 29 Sacks Class B Cement)

Mix 29 sx Class B cement and spot a balanced plug inside the casing to cover the Pictured Cliffs formation top. PUH.

17. Plug 8 (Fruitland Coal formation top, 1712-1812', 29 Sacks Class B Cement)

Mix 29 sx Class B cement and spot a balanced plug inside the casing to cover the Fruitland Coal formation top. PUH.

18. Plug 9 (Kirtland and Ojo Alamo formation top, 923-1203', 29 Sacks Class B Cement)

Mix 62 sx Class B cement and spot a balanced plug inside the casing to cover the Kirtland and Ojo Alamo formation tops. POOH.

19. Plug 10 (Surface casing shoe and Surface plug, 0-328', 131 Sacks Class B Cement)

RU WL and perforate 4 big hole charge (if available) squeeze holes at 328'. TOOH and RD wireline. Observe well for 30 minutes per BLM regulations. RU pump, close blind rams and establish circulation out bradenhead with water. Circulate BH clean. TIH with 7" CR and set at 278'. Mix 60 sx Class B cement and squeeze until good cement returns to surface out BH valve. Shut BH valve and squeeze to max 200 psi. Sting out of CR and reverse circulate cement out of tubing. TOOH and LD stinger. TIH with open ended tubing to 278'. Mix 71 sx Class B cement and pump inside plug. TOOH and LD Tubing. SI well and WOC.

20. 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.

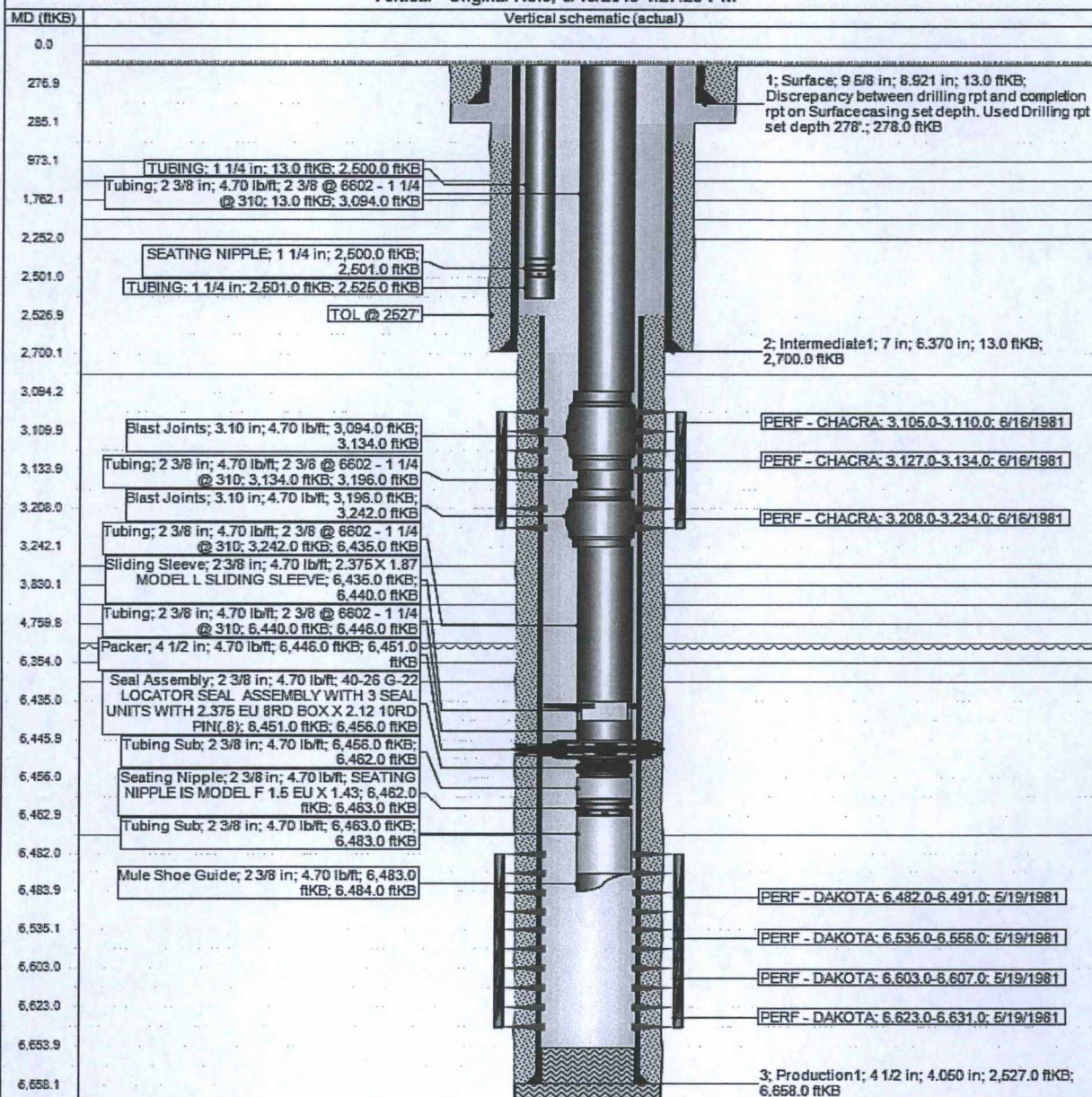


Basic - Schematic - Current

HAMNER #3E

District SOUTH	Field Name CH/DK DUAL	API / UWI 3004524800	County SAN JUAN	State/Province NEW MEXICO
Original Spud Date 4/2/1981	Surface Legal Location NMPM-29N-90W-29-M	East/West Distance (ft) 870.00	East/West Reference W	North/South Distance (ft) 970.00
				North/South Reference S

Vertical - Original Hole, 8/18/2015 4:27:23 PM



ConocoPhillips

Well Name: HAMNER #3E

Proposed Schematic

API / UWI 3004624800	Surface Legal Location NMPM-29N-90W-29-M	Field Name CH/DK DUAL	License No.	State/Province NEW MEXICO	Well Configuration Type Vertical
Ground Elevation (ft) 5,761.00	Original KBRT Elevation (ft) 5,774.00	KB-Ground Distance (ft) 13.00	KB-Casing Flange Distance (ft) 13.00	KB-Tubing Hanger Distance (ft) 13.00	

Vertical - Original Hole, 1/1/2020

Vertical schematic (actual)	MD (ftKB)	Formation Tops
1: Surface: 9.58 in; 8.921 in; 13.0 ftKB; Discrepancy between drilling rpt and completion rpt on Surface casing set depth. Used Drilling rpt set depth 278.0; 278.0 ftKB Surface Casing Cement: 13.0-278.0; 4/2/1981; Mix 250 ex Class B Neat Circulated 100bl cement PERF - OTHER: 328.0; 1/1/2020	13.1	NACIMIENTO
Cement Retainer: 278.0-281.0	277.9	
Plug #10; 13.0-328.0; 1/1/2020; Mix 62 ex Class B cement spot balanced plug inside casing to cover Kirtland & Ojo Alamo formation tops.	285.1	
Plug #10; 328.0; 1/1/2020	922.9	
Plug #9; 923.0-1,023.0; 1/1/2020; Mix 62 ex Class B cement spot balanced plug inside casing to cover Kirtland & Ojo Alamo formation tops.	973.1	OJO ALAMO
	1,152.9	KIRTLAND
Plug #8; 1,712.0-1,812.0; 1/1/2020; Mix 29 ex Class B cement spot balanced plug inside casing to cover Fruitland Coal formation top.	1,762.1	FRUITLAND
Plug #7; 2,071.0-2,171.0; 1/1/2020; Mix 29 ex Class B cement spot balanced plug inside casing to cover Pictured Cliffs formation top.	2,070.9	PICTURED CLIFFS
Plug #6; 2,471.0-2,571.0; 1/1/2020; Mix 29 ex Class B cement spot balanced plug inside casing to cover production liner top.	2,170.9	LEWIS
2: Intermediate; 7 in; 6.570 in; 13.0 ftKB; 2,700.0 ftKB Intermediate Casing Cement: 950.0-2,700.0; AS1581; Cmrld w/500 ex 50/50 PCZ w/4% Gel 150 ex Class B.	2,477.0	
Plug #6; 2,950.0-3,055.0; 1/1/2020; Mix 12 ex Class B cement spot balanced plug inside casing to cover Chacra formation top & Chacra zone.	2,577.1	
	2,700.1	
Cement Retainer: 3,065.0-3,068.0	3,055.1	
Hydraulic Fracture; 6/18/1981; FRAC WITH 75000 GAL 70% QUAL FOAM AND 80000# 20/40 SAND Hydraulic Fracture; 6/18/1981; TREAT WITH 1800 GAL 15% HCL 114-1.1SPEC GRAV BALLS	3,067.9	CHACRA
	3,105.0	
PERF - CHACRA: 3,105.0-3,110.0; 6/18/1981	3,127.0	
PERF - CHACRA: 3,127.0-3,134.0; 6/18/1981	3,208.0	
PERF - CHACRA: 3,208.0-3,254.0; 6/18/1981	3,750.0	
Plug #4; 3,750.0-3,850.0; 1/1/2020; Mix 12 ex Class B cement spot balanced plug inside casing to cover Mesa Verde formation top.	3,830.1	CLIFF HOUSE MENEFFEE
Plug #3; 4,710.0-4,810.0; 1/1/2020; Mix 12 ex Class B cement spot balanced plug inside the casing to cover Mancos formation top.	4,399.9	POINT LOOKOUT
Plug #2; 5,538.0-5,638.0; 1/1/2020; Mix 12 ex Class B cement spot balanced plug inside casing to cover Gallup formation top.	4,759.8	MANCOS
	5,538.1	GALLUP
Plug #1; 6,332.0-6,432.0; 1/1/2020; Mix 12 ex Class B cement spot balanced plug inside casing to cover Dakota parts & Dakota & Graneros formation tops.	6,354.0	GREENHORN GRANEROS
	6,432.1	
PERF - DAKOTA: 6,432.0-6,491.0; 5/19/1981	6,474.1	TWO WELLS
PERF - DAKOTA: 6,535.0-6,556.0; 5/19/1981	6,491.1	
PERF - DAKOTA: 6,603.0-6,607.0; 5/19/1981	6,556.1	
PERF - DAKOTA: 6,623.0-6,631.0; 5/19/1981	6,607.0	
Liner Cement: 2,527.0-6,658.0; 4/11/1981; Cmrld w/500 ex 65/35, balled w/150 ex Class B Neat Reverse-out 500 cmt. Auto cement plug; 6,654.0-6,658.0; 4/11/1981; Automatically created cement plug from the casing cement because it had a tagged depth.	6,630.9	
3: Production; 4 1/2 in; 4,050 in; 2,527.0 ftKB; 6,658.0 ftKB	6,857.2	
Display Cement Fill: 6,658.0-6,659.0; 4/11/1981	6,659.1	

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: Hamner #3E

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) Set Plug #3 (4950-4850) ft. to cover the Mancos top. BLM picks top of Mancos at 4900 ft.
- b) Set a cement plug (3064-2964) ft. to cover the Chacra top. BLM picks top of Chacra at 3014 ft.
- c) Set Plug #8 (1917-1817) ft. to cover the Fruitland top. BLM picks top of Fruitland at 1867 ft.
- d) Set Plug #9 (1217-967) ft. to cover the Kirtland and Ojo Alamo tops. BLM picks top of Ojo Alamo at 1017 ft. BLM picks top of Kirtland at 1167 ft.

Low to high concentrations of H₂S (4 ppm -226 ppm GSV) have been reported in wells within a 1 mile radius of this location.

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.