

Submit 3 Copies To Appropriate District
Office
District I
1625 N French Dr, Hobbs, NM 88240
District II
1301 W Grand Ave, Artesia, NM 88210
District III
1000 Rio Brazos Rd, Aztec, NM 87410
District IV
1220 S St Francis Dr, Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
May 27, 2004

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. **30-025-11184**
5. Indicate Type of Lease
STATE ☒ FEE ☒
6. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A
DIFFERENT RESERVOIR USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH
PROPOSALS)

1. Type of Well: Oil Well ☐ Gas Well ☐ Other Injection

2. Name of Operator
ConocoPhillips Company ATTN: Celeste Dale

3. Address of Operator
3303 N. "A" Street, Bldg. 6 #247, Midland, Texas 79705-5406

4. Well Location
Unit Letter M : 660 feet from the South line and 660 feet from the West line
Section 21 Township 24-S Range 37-E NMPM County Lea

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3,237' GL; 3,248' RKB

Pit or Below-grade Tank Application ☒ or Closure ☐

Pit type STEEL Depth to Groundwater Distance from nearest fresh water well Distance from nearest surface water N/A

Pit Liner Thickness: STEEL mil Below-Grade Tank: Volume 180 bbls; Construction Material STEEL

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☒
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐
OTHER: ☐ PLUGBACK ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

SEE ATTACHED PROPOSED PLUGGING PROCEDURE, CURRENT & PROPOSED PLUGGED DIAGRAMS

RECEIVED

MAY 28 2008

HOBBS OCD

THE OIL CONSERVATION DIVISION **MUST**
BE NOTIFIED 24 HOURS PRIOR TO THE
BEGINNING OF PLUGGING OPERATIONS

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☒, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE James F. Newman TITLE **James F. Newman, P.E. (Triple N Services)** DATE **05/22/08**

Type or print name
For State Use Only

E-mail address: **jim@triplenservices.com** Telephone No. **432-687-1994**

APPROVED BY: Chris Williams
Conditions of Approval (if any):

OCD DISTRICT SUPERVISOR/GENERAL MANAGER
TITLE

DATE **JUN 06 2008**

WELLBORE SKETCH
ConocoPhillips Company -- Lower 48 - Mid-Continent BU / Permian Operations

Date Dec 20 2007

RKB @ 3248'
 DF @ 3247'
 GL @ 3237'

Subarea Hobbs
 Lease & Well No Jack A-21 No 1
 Legal Description 660' FSL & 660' FWL, Sec. 21, T24S, R37E
 Unit Letter M
 County Lea State New Mexico
 Field Jalmat, Tan Yates-7 Rvrs (Pro Gas)
 Date Spudded 10/20/37 Rig Released 11/18/37
 API Number 30-025-11184
 Status _____
 State Oil & Gas Lease No. NMNM7486

Stimulation History:

Interval	Date	Type	Gals	Lbs. Sand	Max Press	ISIP	Max Rate	Down
3400-3556	11/18/37	Nitro	380 Quarts					
3550-3685	5/10/46	Deepen to 3705' with 4-3/4" bit						
	5/12/46	Nitro	190 Quarts					
	4/16/49	Set Retainer @ 3255'; sqz below w/100 sx (3705-3255)						
		Perforate 3000' - 3200'						
3000-3200	10/23/58	Waterfrac	60,000	60,000				
	12/7/67	Cleanout to 3560'						

WELLBORE IS CURRENTLY A DUAL COMPLETION WITH MCDONNOLD OPERATING, INC, WHO IS UTILIZING WELL AS AN ACTIVE INJECTOR INTO A LOWER FORMATION (LANGLIE JACK # 16)

15" Hole
10-3/4" 32.75# Nat'; Smls @ 211'
 Cmt'd w/225 sx, circ
 TOC @ Surface

9-7/8" Hole
7-5/8" 26.4# Smls @ 1186'
 Cmt'd w/425 sx
 TOC @ 200' (Calc)
 Top Salt @ 1230'
 TOC 5-1/2" Csg @ 1300' (Calc.)

Base of Salt @ 2680'

3000' - 3100'
 3115' - 3160'
 3176' - 3200'
 8-3/4" Hole
5-1/2" 17# Smls @ 3269'
 Cmt'd w/425 sx
 TOC @ 1300' (Calc)

CICR @ 3255' - Sqz w/100 sx below
 4-3/4" Hole
 OH 3269'-3556'

Formation Tops:

Top Salt	1230'
Yates	2802'
Base Salt	2680'
Seven Rivers	3240'

PBTD 3556'
 OTD 3560'
 NTD 3705'

ConocoPhillips Company

Proposed Plugging Procedure

Jack A-21 #1

API #30-025-11184

Jalmat; Tan Yates – 7 Rivers (Pro Gas)

Lea County, New Mexico

See attached wellbore diagrams for wellbore configuration

Casings 10 $\frac{3}{4}$ " 32.75# casing @ 211' cmt'd w/ 225 sx. TOC @ surface
7 $\frac{5}{8}$ " 26.4# casing @ 1,186' cmt'd w/ 425 sx. TOC @ 200' (Calc.)
5 $\frac{1}{2}$ " 17# casing @ 3,269' cmt'd w/ 425 sx. TOC @ 1,300' (Calc.)
Perforations 3,000 – 3,100', 3,115 – 3,160', 3,176 – 3,200'
Tubulars none

- Verify anchors tested within last two years
- Notify NMOCD & BLM 48 hrs prior to move in, and 4 hrs prior to plugs
- Hold daily tailgate safety meetings w/ crews
- Contact NM Digtess (1-800-321-2537, Account # 6778) minimum 48 hrs prior to move-in

1. Set steel pit and flow down well as needed. Deliver 3,000' 2 $\frac{3}{8}$ " workstring.
2. MIRU plugging equipment. ND wellhead and NU 6" 3,000# manual BOP.
3. RU & test lubricator. RIH w/ gauge ring for 5 $\frac{1}{2}$ " 17# casing on wireline to 2,950'. POOH w/ wireline.
4. RIH w/ HM tbg-set CIBP on 2 $\frac{3}{8}$ " workstring tubing to 2,950'. RU cementer and set CIBP at 2,950'. Displace hole w/ ~70 bbls plugging mud, and pump 35 sx C cmt (1.32 ft³/sk yield, 46.2 ft³ slurry volume, calculated fill 354' in 5 $\frac{1}{2}$ " 17# casing) balanced plug 2,950 – 2,596'. POOH w/ workstring. **Base of Salt Plug**
5. RU & test lubricator. RIH w/ wireline & perforate 5 $\frac{1}{2}$ " casing @ 1,230'. POOH w/ wireline.
6. RIH w/ 5 $\frac{1}{2}$ " AD-1 packer on workstring to ~830'. Load hole w/ plugging, set packer, and establish rate. Squeeze 40 sx C cmt (1.32 ft³/sk yield, 52.8 ft³ slurry volume, calculated fill 200' in 7 $\frac{5}{8}$ " 26.4# casing). WOC & tag this plug no lower than 1,130'. POOH w/ packer. **Top of Salt & Casing Shoe Plug**
7. SI BOP and pressure-test 5 $\frac{1}{2}$ " casing to 500 psi. If casing does not test, squeeze plug in #9 under packer.
8. RU & test lubricator. RIH w/ wireline and perforate 5 $\frac{1}{2}$ " & 7 $\frac{5}{8}$ " casings @ 261'. POOH w/ wireline.
9. If casing tested in #7, ND BOP, NU wellhead. Establish rate through both 7 $\frac{5}{8}$ " & 10 $\frac{3}{4}$ " casings; circulate 120 sx C cmt (1.32 ft³/sk yield, 158.4 ft³ slurry volume, calculated fill 279' in 10 $\frac{3}{4}$ " 32.75# casing). If casing did not test in #7, RIH w/ packer to 30' and squeeze this plug under packer. **Fresh Water and Surface Plug**

10. RDMO location.

11. Cut off wellhead and anchors, install dry hole marker. Level location. Leave location clean and free of trash.

Proposed Plugged Wellbore Sketch
ConocoPhillips Company – Lower 48 - Mid-Continent BU / Permian Operations

Date Jan 29, 2008

RKB @ 3248'
 DF @ 3247'
 GL @ 3237'

Subarea Hobbs
 Lease & Well No Jack A-21 No 1
 Legal Description 660' FSL & 660' FWL, Sec 21, T24S, R37E
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PROPOSED PLUGGING PROCEDURE

- 1) Set CIBP @ 2,950'
- 2) circulate plugging mud from PBTD
- 3) 35 sx C cmt 2,950 - 2,596'
- 4) Perf & sqz 40 sx C cmt 1,230 - 1,130' WOC & TAG
- 5) Perf & sqz 120 sx C cmt 261' to surface

Capacities

5-1/2" 17# csg	7 661 ft/ft3	0 1305 ft3/ft
	43 01 ft/bbl	0 0232 bbl/ft
7-5/8" 26 4# csg	3 775 ft/ft3	0 2648 ft3/ft
	21 2 ft/bbl	0 0471 bbl/ft
10-3/4" 32 75# csg	1 765 ft/ft3	0 5665 ft3/ft
	9 91 ft/bbl	0 1009 bbl/ft
8-3/4" openhole	2 395 ft/ft3	0 4176 ft3/ft
	13 445 ft/bbl	0 0744 bbl/ft
9-7/8" openhole	1 880 ft/ft3	0 5319 ft3/ft
	10 556 ft/bbl	0 0947 bbl/ft

Formation Tops:

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Yates	2802'
Base Salt	2680'
Seven Rivers	3240'

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 Cmt'd w/225 sx, circ
 TOC @ Surface
 Perf & sqz 120 sx C cmt 261- surface

9-7/8" Hole
7-5/8" 26.4# Smls @ 1186'
 Cmt'd w/425 sx
 TOC @ 200' (Calc)

Perf & sqz 40 sx C cmt 1,230 - 1,130'
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 Top Salt @ 1230'

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Base of Salt @ 2680'

35 sx C cmt 2,950 - 2,596'
 Set CIBP @ 2,950', circulate plugging mud

3000' - 3100'
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 8-3/4" Hole
5-1/2" 17# Smls @ 3269'
 Cmt'd w/425 sx
 TOC @ 1300' (Calc)

CICR @ 3255' - Sqz w/100 sx below
 4-3/4" Hole
 OH 3269'-3556'

PBTD 3556'
 OTD 3560'
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