

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. 30-025-32530
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. B-2656
7. Lease Name or Unit Agreement Name Hardy 36 State
8. Well Number 7
9. OGRID Number
10. Pool name or Wildcat North Hardy San Andres

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

2. Name of Operator

ConocoPhillips Company

3. Address of Operator

4001 Penbrook Street Odessa, Texas 79762

4. Well Location

Unit Letter E : 2,200 feet from the North line and 990 feet from the West line
Section 36 Township 20-S Range 37-E NMPM County Lea

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3,496' RKB

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type steel Depth to Groundwater 52' Distance from nearest fresh water well N/A 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:

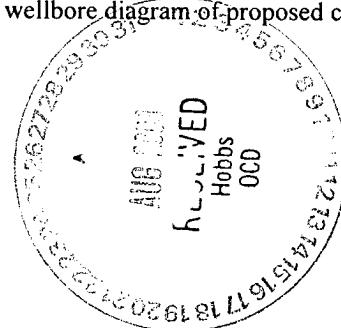
PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☒
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

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

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 wellbore diagrams and plugging procedure



THE COMMISSION MUST BE NOTIFIED 24
HOURS PRIOR TO THE BEGINNING OF
PLUGGING OPERATIONS FOR THE C-103
TO BE APPROVED.

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

TITLE James F. Newman, P.E. (Triple N Services) DATE 08/25/04

Type or print name
For State Use Only

James F. Newman

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

APPROVED BY:

TITLE

AUG 27 2004

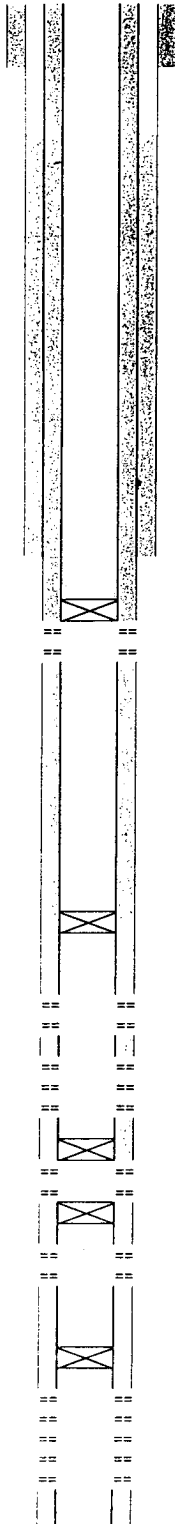
Conditions of Approval (if any):

WELLBORE SKETCH

ConocoPhillips Company -- Permian Basin Business Unit

Date: August 15, 2004

RKB @ 3496'
DF @
GL @



17-1/2" Hole
13-3/8" OD 54.5# K-55 @ 518' w/ 525 sx, circ.

TOC @ 855' (T.S.)
Top Salt @ 1,390'

Base Salt @ 2,510'

12-1/4" Hole

9-5/8" 36# K-55 @ 3,850' w/ 1,400 sx

CIBP @ 3,948'; TOC @ 3,913'
3998'-4024' 4052'-4076' 4134'-4140'
4146'-4154' 4170'-4204'

DV Tool @ 4,973'

CIBP @ 6,300'; TOC 6,215'

Tubb
6390'-6414' 6424'-6434' 6445'-6498'
6502'-6516' 6524'-6528' 6540'-6544'

Drinkard
6658'-6664' 6668'-6678' 6692'-6696'
6760'-6789'

6808'-6814' 6828'-6840'

CIBP @ 6,900' w/6 sx

Abo

7140'-7144' 7152'-7164' 7170'-7176'

7194'-7202' 7210'-7230'

CIBP @ 7,482'

Strawn

7532'-7546' 7554'-7560' 7592'-7596'

7638'-7646' 7692'-7708'

Stage Collar @ 7764'

CIBP @ 10,050'; TOC @ 10,015'

McKee

10083'-10092' 10095'-10100' 10194'-10204'

10210'-10215' 10240'-10244' 10284'-10290'

10304'-10321' 10326'-10334' 10557'-10564'

10566'-10570' 10608'-10612' 10621'-10634'

10656'-10676'

Float Collar @ 10842'

8-3/4" Hole

7" OD @ 10890' =====>

Cmt'd w/1895 sx (3 stages)

TOC @

Casing

26# L-80 2858.8'

263 K-55 5580.5'

26# L-80 2443.7'

Cement

1st Stg 895 sx

2nd Stg 200 sx

3rd Stg 800 sx; circ 81 sx

Subarea : Hobbs
Lease & Well No. : Hardy 36 State No. 7
Legal Description : 2200' FNL & 990' FWL, Section 36, T-20-S, R-37-E
County : Lea State : New Mexico
Field : Cass South Reservoir : Hardy San Andres North
Date Spudded : September 25, 1994 IPP:
API Number : 30-025-32530
Status :

Stimulation History:

Interval	Date	Type	Gals	Lbs. Sand	Max Press	ISIP	Max Rate
10083-10676	11/17/94	Perf McKee 2 JSPF 10083-10676					
	11/21/94	15% NEFE	4,200	195 BS		1100	4.2
	12/14/94	Set CIBP @ 10050' w/35' cement					
		Perf Strawn 2 JSPF 7532-7708					
	12/16/94	Perfs 7554-7596 communicating					
7692-7708	12/19/94	Acid	672		3080		1.0
7638-7646	12/19/94	Acid	336		2550'		1.2
7554-7596	12/19/94	Acid	420		3400		1.3
7532-7546	12/19/94	Acid	420		2900	2750	1.9
7532-7708	1/5/95	15% HCl	3,000	144 BS	3550	2650	4.5
7532-7708	1/30/95	Frac Dummy	10,000		4000		24.0
		Pad	22,000	4,200	4000		20.0
		Trace Oil					
	2/2/95	Set CIBP @ 7482'					
	2/6/95	Shot sqz holes @ 7100' & 6880'; could not circ					
	2/7/95	Shot sqz holes @ 6985'; could not circ					
	2/8/95	Perf Abo 7140'-7230' - 55 shots					
7140-7230	2/9/95	15% HCl	5,880		6000	4900	6.5
	2/14/95	Set CIBP @ 6900' w/6 sx					
	2/15/95	Perf Drinkard/Tubb 6390-6789, 1 JSPF					
6658-6789	2/16/95	15% NEFE HCl	7,500				
		15% Crosslink	9,000	40 BS			
6390-6544	2/20/95	15% HCl	6,000	175 BS			
6390-6544	2/21/95	Frac	39,552	223,200	3000	2725	40.05
	3/31/95	Test: 14 BO, 42 BW, 34 Mcf					
	5/9/95	Perf Drinkard 6808-6840 - 40 holes					
6808-6840	5/10/95	15% HCl	4,200	125 BS	4800	2450	4.4
		Trace Oil					
	5/24/95	Set CIBP @ 6300'; TOC @ 6215'					
		Perf San Andres 3998-4204 - 1 JSPF					
3998-4204	5/25/95	15% Acid	3,600	155 BS	3100	350	6.4
3998-4204	5/26/95	Frac	52,332	130,174	2559	985	45.1
	8/9/95	Test 20 BO, 1156 BW, 215 Mcf					
	8/23/99	Set CIBP @ 3948', cap w/35' cmt; TOC @ 3913'					
	10/29/99	Sundry Notice to Temporarily Abandon					
		OCD Sundry Notice Expires 11/8/04					
	8/23/04	Prepare Application for Abandonment of Well					

Formation Tops:

Yates	Penn	7490'
7 Rivers	Canyon	7490'
Queen	Miss	8024'
Grayburg	Devonian	8053'
San Andres	Silurian	9006'
Glorieta	3998'	Montoya 9590'
Blinberry	5765'	Simpson 9893'
Tubb	6341'	McKee 10250'
Drinkard	6632'	Ellenburger 10768'
Abo	6924'	Gr. Wash 10830'

PBTD: 3913'
TD: 10890'

ConocoPhillips

Proposed Plugging Procedure

Hardy 36 State #7
North Hardy San Andres Field
API #30-025-32530; Section 36, T20S, R37E
Lea County, New Mexico

See attached wellbore diagrams for wellbore configuration

TA'd injector

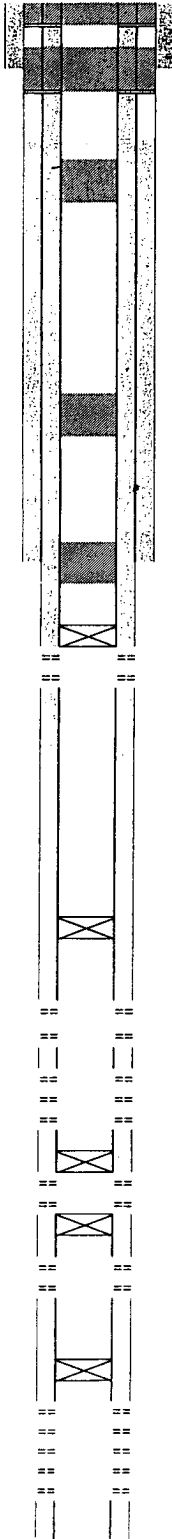
- Notify BLM & OCD 24 hrs prior to move in, and 4 hrs prior to plugs
 - Hold daily tailgate safety meetings w/ crews
 - Contact NM Digtess (1-800-321-2537, Account # 6778) minimum 48 hrs prior to move-in
 - Test rig anchors if last test over 2 years old
1. Set steel pit and flow well down as needed.
 2. MIRU plugging equipment. ND wellhead and NU 6" 3,000# manual BOP.
 3. RIH w/ 2 $\frac{3}{8}$ " workstring, tag CIPB @ 3,900'. RU cementer and load hole w/ 120 bbls plugging mud, pump 25 sx C cmt on CIBP 3,900 – 3,750'. POOH w/ tbq to 2,610'. **San Andres / Grayburg plug**
 4. Pump 25 sx C cmt 2,610 – 2,460'. POOH w/ tbq to 1,390'. **Base of salt plug**
 5. Pump 25 sx C cmt w/ 2% CaCl₂ @ 1,390'. WOC & tag this plug no deeper than 1,290'. POOH w/ tbq. **Top of salt plug**
 6. RU lubricator and RIH w/ wireline, perforate casing @ 568'. POOH w/ wireline.
 7. RIH w/ AD-1 packer to 120'. Load hole, set packer, and establish rate into squeeze perforations. Squeeze 115 sx C cmt w/ 2% CaCl₂ 568 – 468'. If unable to establish rate at 1,000 psi or less, pump 25 sx C cmt balanced plug minimum 50' below perforations. WOC & tag this plug no deeper than 468'. **Surface casing shoe plug**
 8. RIH w/ wireline, perforate casing @ 50'. POOH w/ wireline.
 9. ND BOP and NU wellhead. Establish circulation in 5 $\frac{1}{2}$ x 8 $\frac{5}{8}$ " annulus and circulate 30 sx C cmt 50' to surface. **surface plug**
 10. SI well. RDMO. Clean steel pit and dispose of bottoms.
 11. Cut off wellhead and anchors, level location. Leave location clean and free of trash.

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30 sx C cmt 50' to surface, perf & sqz

13-3/8" OD 54.5# K-55 @ 518' w/ 525 sx, circ.

115 sx C cmt 568 - 468', perf & sqz

WOC & TAG

TOC @ 855' (T.S.)

25 sx C cmt 1,390 - 1,240', WOC & TAG

Top Salt @ 1,390'

Base Salt @ 2,510'

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- 2) 25 sx C cmt 2,610 - 2,460'
- 3) 25 sx C cmt 1,390 - 1,240', WOC & TAG
- 4) 115 sx C cmt 568 - 468', perf & sqz, WOC & TAG
- 5) 30 sx C cmt 50' to surface, perf & sqz



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