

Submit 1 Copy To Appropriate District
Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised August 1, 2011

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

WELL API NO. 30-025-32128
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. B-2656
7. Lease Name or Unit Agreement Name HARDY 36 STATE
8. Well Number 01
9. OGRID Number 217817
10. Pool name or Wildcat SOUTH CASS STRAWN/MCKEE
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3489' GL

SUNDRY REPORTS 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
P. O. Box 51810
Midland, TX 79710

4. Well Location
Unit Letter K : 1980 feet from the SOUTH line and 2230 feet from the WEST line
Section 36 Township 20S Range 37E NMPM County LEA

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 ☐
DOWNHOLE COMMINGLE ☐

SUBSEQUENT REPORT OF:

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

OTHER: TEST STRAWN PRODUCTION/ extension ☒

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 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

ConocoPhillips requested in a NOI filed 7/20/12 to place a RBP @ 7760' over the McKee and test the Strawn for 90 days. A RBP was put in place and since that time COP has been trying to de-water without success. It has been determined that there must be a csg leak above the RBP. COP intends to isolate and fix the csg leak.
We would like to request an extension on the original 90 days to produce the Strawn after the leak has been isolated and repaired. Attached is the procedure to isolate and repair csg leak.

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Rhonda Rogers TITLE Staff Regulatory Technician DATE 10/03/2012

Type or print name Rhonda Rogers E-mail address: rogerr@conocophillips.com PHONE: (432)688-9174

For State Use Only

APPROVED BY: Rhonda Rogers TITLE Petroleum Engineer DATE OCT 09 2012

Conditions of Approval (if any):

OCT 09 2012



Permian Basin Asset
Odessa, Texas
October 2 2012

API # 30-025-32128
Hardy 36 Ste # 1
Lea County, New Mexico

WELL CATEGORY, BOP CLASS AND EXCEPTIONS

Well Category One:

H2S: 0 ppm.
Well Rate:

<u>H2S</u>	<u>ROE- ft.</u>
100 ppm	0
500 ppm	0

BOPE Class One: Hydraulic BOP w/ hydril.

GENERAL NOTES

1. No project or task is to be performed unless it can be done safely and without harm to the environment. All work must comply with all State and Federal regulations and with COPC Safety and Environmental Policies.
2. Conduct daily safety meetings and review all procedures with all contractors prior to performing the operation.
3. Report all activity on the Well-View Daily Completion Work-Over Report.
4. Insure contractors are familiar with and comply with all relevant COPC safety/environmental policies.
5. Spills are to be prevented. Utilize a vacuum truck as necessary.
6. Well control for this well will be Class 1, Category 1: manual BOP (hydraulic BOP recommended); 1 un-tested barrier.

PROCEDURE

1. MI & RU well service unit. The following is a summary of current well configuration:

Hardy 36 State 1 (API: 30-025-32128)			
1980 FSL & 2230 FWL, 36-20S-37E			
Elev : 3500 KB, 3489 GL (DF - GL: 11 ft)	Depth, RKB		
	top	btm	
9-5/8", 40#, K-55 (12-1/4" hole)	surface	3900	11.24.93 Cmt w/ 833 sx Circulated cmt to surface.
7", 26# , L80 (8-3/4" hole)	surface	9767	12.16.93: Cmt w/ 926 sx Reported TOC 1613
			03.14.1994: Sqzed perforations 6705-6746
Completion Interval.			
Perforated Interval	7562	7706	04.15.98. Perforate Strawn@ 1 spf.
RBP	7760	7770	07.18.2012
Perforated Interval	9940	10006	03.14.94. Perforate Mckee @ 1 spf
CIBP	10130	10135	03.20.1996
Perforated Interval	10165	10480	02.13.09 Perforate Ellenburger @ 1spf

2. Unseat pump. POOH w/ rods & pump.
3. Pump 40 barrels of 10# brine down tubing-casing annulus. Circulate bottoms up
4. ND Wellhead. NU hydril BOP. Rig down floor and tongs. RU HOT Oiler. Pump 70 bbls of hot water with 3 gallons of WRH/211, 5 gallons of M153 and 1.5 Gallons of Biocide.
5. RD hot oiler. RU scanning services.
6. POOH w/ 2-7/8", 6.50#, L80 production tbq. (If deemed necessary production tubing can be used as WS). RD scanning services. RU tubing testers.
7. PU & RIH w/ 7" Packer on 2-7/8", 6.5#, J-55 (testing tubing to 5000 # while going in hole) workstring. Set packer .Pressure test against RBP to 500# and verify it holds. Reset packer and start chasing leak. Establish rate and pressure and communicate results to Cement Services Company and PE. (Libardo Gonzalez 432 202 8536) POOH with 7" packer. LD packer.
8. PU 7" RBP # 2. RIH w/ RBP 7" on 2-7/8 tbq. Set RBP 100 ft below leak interval. Spot 20 ft of sand on top of RBP #2.

9. RIH w/ cement retainer on tbg and set cement retainer 150 ft. above perforations. Displace cmt to retainer w/ fresh water according to service company (**2-7/8" tbg capacity: 0.00579 bbl per ft**).
10. Sting out of retainer. Circulate bottoms up with 1.5 tubing volumes. POOH w WS.
11. WAIT on cement to cure.
12. RU reverse unit. RIH w/ 6-1/8" bit, 4: 3-1/2" DC and 2-7/8" tbg. Drill out cmt retainer and cmt. Circ well clean. POOH & LD bit & DC. Pressure test casing to 550# with pump/kill truck.
13. RIH w/ tbg and retrieve RBP # 2. POOH & LD 2-7/8" tbg.
14. RIH w/ 2-7/8" production tbg. ND BOP. NU wellhead. RIH w/ pump & rods according to well view. Space out pump. Load test to 550. Hang well on.
15. Return well to production.