

HOBBS OCD

Submit 1 Copy To Appropriate District Office

State of New Mexico

Form C-103

District I - (575) 393-6161

APR 29 2013

Geology, Minerals and Natural Resources

Revised August 1, 2011

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

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

WELL API NO.	30-025-40415
5. Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name	Red Hills West 16 State
8. Well Number	006H
9. OGRID Number	217817
10. Pool name or Wildcat	Bone Spring;Shale Jennings;upper
11. Elevation (Show whether DR, RKB, RT, GR, etc.)	3202' GR

**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  **HOBBS OCD**

2. Name of Operator  
ConocoPhillips Company

3. Address of Operator  
P. O. Box 51810  
Midland, TX 79710

4. Well Location  
Unit Letter C : 180 feet from the North line and 2010 feet from the West line  
Section 16 Township 26S Range 32E NMPM County Lea

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
3202' GR

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

NOTICE OF INTENTION TO:

- PERFORM REMEDIAL WORK
- TEMPORARILY ABANDON
- PULL OR ALTER CASING
- DOWNHOLE COMMINGLE
- PLUG AND ABANDON
- CHANGE PLANS
- MULTIPLE COMPL

SUBSEQUENT REPORT OF:

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

OTHER: remedial cmt

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 respectfully request to perform a remedial cmt job for this well.

Procedures attached.

Spud Date:

[Empty box for Spud Date]

Rig Release Date:

[Empty box for 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 04/26/2013

Type or print name Rhonda Rogers

E-mail address: rogers@conocophillips.com

PHONE: (432)688-9174

For State Use Only

APPROVED BY:

*[Signature]*

TITLE

Petroleum Engineer

DATE

APR 29 2013

Conditions of Approval (if any):

APR 29 2013

ConocoPhillips Company Lower 48	Asset: Permian - Avalon	Engineer Kase Braun 432-385-5867	Page 1	Date: April 25, 2013
Red Hills West 16 State 6H – Remedial Cement Procedure				

## REMEDIAL CEMENT PROCEDURE

### RED HILLS WEST 16 STATE 6H

Lea County, New Mexico

April 25, 2013

API NUMBER	30-025-40415	H <sub>2</sub> S	5 ppm
Ground Level Elevation (GL)	3,202'	KB Elevation (KB)	3,218'
ZERO	16' AGL	Spud Date	1/10/2013
Total Vertical depth (TVD)	9,340'	Volume to Liner Top	343.21 BBL
4-1/2" Casing Top	9,241'	Volume to PBDT	416.89 BBL
PBDT	13,970'		
<b>Surface Location &amp; Coordinates</b>			
Latitude	N 32° 02' 58.70"	Longitude	W 103° 40' 53.90"
Sec., Town., Range	Sec 16,T-26S,R-32E	County, ST	LEA, NM

#### A. OBJECTIVE & APPLICATION

##### Objective

To raise the TOC from 5,896' to a minimum of 4,353' by performing a remedial circulation cement job to the Primary Cement job on the 7" 29# P-110 casing to meet OCD standards. The current TOC is at ~5,896' and the New Mexico OCD requires that the TOC be a minimum of 200' into the 9-5/8" shoe at 4,553.

#### B. MECHANICAL DETAILS

Capacity Input						
String	Size	Weight	Grade	Thread	Top (ft.)	Bottom (ft.)
Surface	13-3/8"	54.5	J-55		16.0'	904.9'
Intermediate	9-5/8"	36	J-55		16.0'	4,552.9'
Intermediate	7"	29	P-110	BTC	16.0'	9,719.2'
Liner	4-1/2"	11.6	P-110	BTC	9,241.0'	13,982.0'

ConocoPhillips Company Lower 48	Asset: Permian - Avalon	Engineer Kase Braun 432-385-5867	Page 2	Date: April 25, 2013
Red Hills West 16 State 6H -- Remedial Cement Procedure				

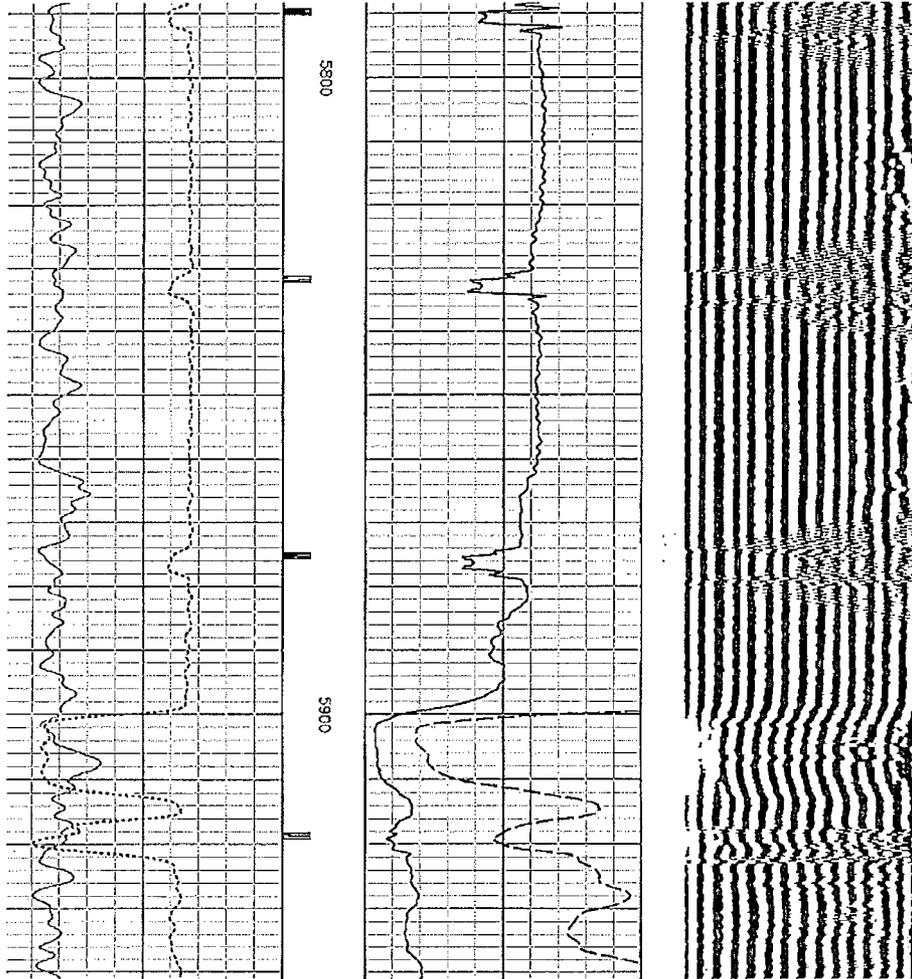
### C. PROCEDURE

1. MIRU Wireline Unit. RIH with GR/CCL and Gauge Ring to 8,660' POOH WL.
2. Set RBP#1 for 7" 29# P-110 casing at 8,600'. Note: Correlate plug setting depth with CBL dated 2/26/2013.
3. Set RBP#2 at 5,906'.
4. RIH Dump Bailer and dump bail +-334#'s of 20/40 sand to give a top of sand at 5,890'.
5. Perf Casing from 5,858-60' at 4 spf, 90° phasing. POOH. NOTE: Correlate to CBL/CCL dated 2/26/2013.
6. MIRU Pump Truck and RU iron to the flowcross. Attempt to establish circulation by pumping into squeeze perfs and taking returns from the 9-5/8" x 7" annulus.
7. Upon establishing circulation, MU GR/CCL, Retainer Setting Tool and Cement Retainer for 7" 29# P-110 casing. RIH and set Retainer at 5,848'.
8. RDMO WL.
9. MIRU Well Service Unit with pipe racks, catwalk, etc.
10. MI Unload, Strap and Talley 8,800' of 2-7/8" 6.5# L-80 tubing
11. PU Stinger for cement retainer. TIH with Stinger and Tubing to 5,848' and sling into retainer. Pump thru retainer to verify circulation. Sling Out and sting back in to the retainer to verify functionality.
12. MIRU Cementers. Test surface lines to 5000 psi.
  - a. Pump into squeeze perfs to ensure circulation
  - b. Pump 30 BBL water spacer
  - c. Mix and Pump:
    - Lead: 520 sks (Tuned Lite 10.5 ppg, 2.75 cuft/sx, 254 bbls of slurry) cement and
    - Tail: 100 sks (Class C Neat with Fluid Loss add, 14.8 ppg, 1.34 cuft/sk, 24 bbls of slurry)
  - d. Displace with 33 BBLs of fresh water. (1 bbl- 173' under displaced assuming 2-7/8" 6.5# tbg)
  - e. Sling out of retainer.
  - f. Stand Back 3 jts and reverse circulate the tubing clean leaving 27' of cement above retainer). Add 50#'s of sugar to flow back tank to ensure any cement does not set up in tank.
13. POOH standing back tubing.
14. MIRU WL unit and Run CBL to verify TOC. TOC needs to be at least 4,353'. Assuming TOC above 4,353' RDMO Wireline.
15. PU Bit for 7" 29# P-110 Casing, drill collars as required and TIH. Clean Out to ~5,890'.
16. Pressure Test squeeze perfs to 1,500 psi and hold for 15 min.
17. POOH Standing Back tubing.
18. TIH and retrieve RBP#2 at 5,906'.
19. TIH and retrieve RBP#1 at 8,600'.
20. MU and install Homco Casing Patch. Set patch so that the squeeze holes at 5858-60' are centered in the patch.
21. Resume Artificial Lift Procedure.

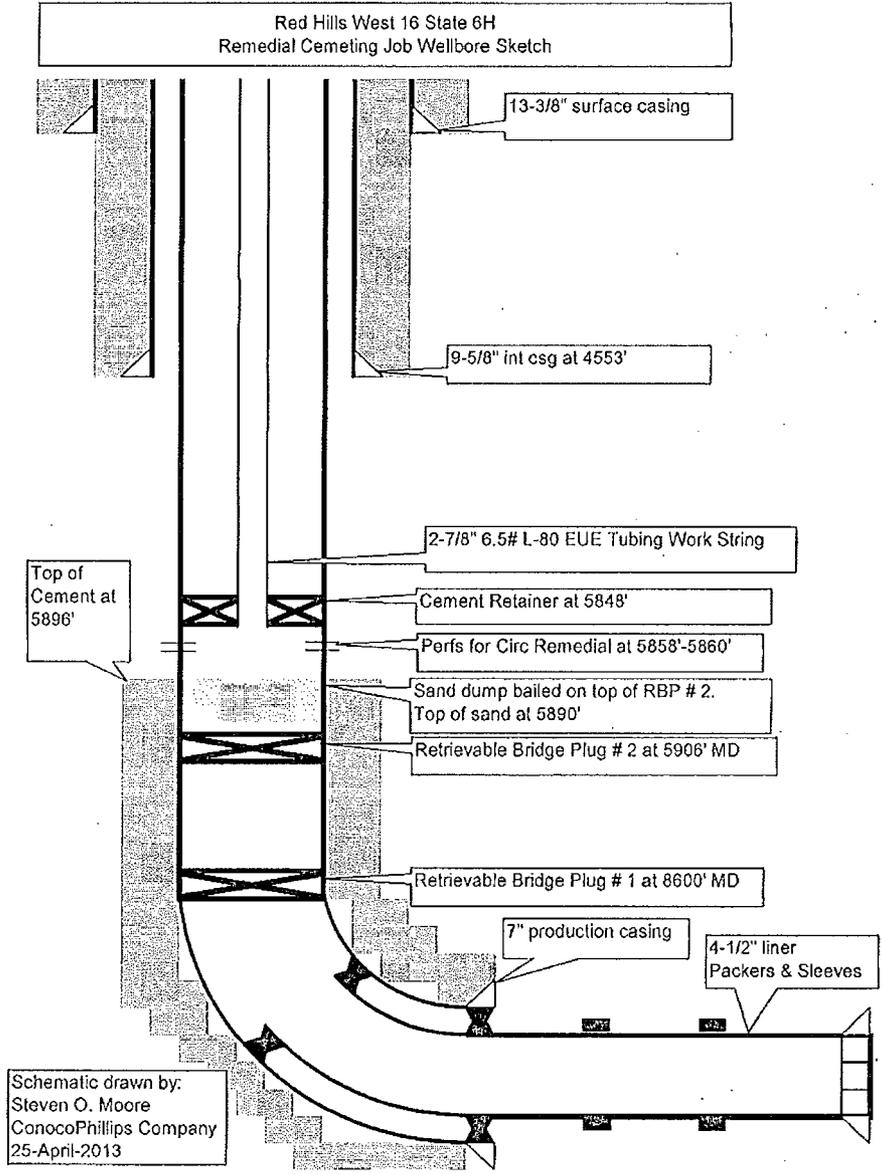
Contact Info:  
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ConocoPhillips Company Lower 48	Asset: Permian - Avalon	Engineer Kaso Braun 432-385-5867	Page 3	Date: April 25, 2013
Red Hills West 16 State 6H – Remedial Cement Procedure				

LOG



**SCHEMATICS**



ConocoPhillips Company Lower 48	Asset: Permian - Avalon	Engineer Kase Braun 432-385-5867	Page 5	Date: April 25, 2013
Red Hills West 16 State 6H – Remedial Cement Procedure				

- End Of Procedure -