

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD Artesia

FORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010**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.*5. Lease Serial No.  
NMLC068282B

6. If Indian, Allottee or Tribe Name

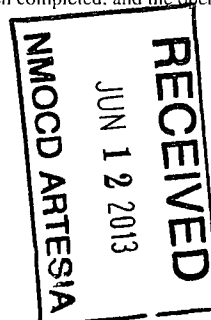
7. If Unit or CA/Agreement, Name and/or No.

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**8. Well Name and No.  
GOLDEN SPUR WC 25 2H9. API Well No.  
30-015-41235-00-X110. Field and Pool, or Exploratory  
RED HILLS11. County or Parish, and State  
EDDY COUNTY, NM1. Type of Well  
☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator  
CONOCOPHILLIPS COMPANY  
Contact: DONNA J WILLIAMS  
E-Mail: Donna.J.Williams@Conocophillips.com3a. Address  
400 PENBROOK SUITE 351  
ODESSA, TX 797623b. Phone No. (include area code)  
Ph: 432-688-6943  
Fx: 432-688-60194. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 25 T26S R31E SESE 535FSL 965FEL**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Drilling Operations
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> 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 recompleat 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 shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall 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 respectfully to amend the casing program as follows: While drilling 8 3/4" pilot hole with mud weight being below 9.2ppg, there were no losses observed till mud was raised to 9.5ppg. At that point Delaware Sands and First Bone Spring started losing. Drilling into the Wolfcamp being limited on MW to 9.4ppg, COP proposes to set 7" 29# P110 BTC casing at the suitable shale package of ~11644'. Cement program revised as follows: Stage 1: pump 100bbls fresh water, 40 bbl polymer spacer + ICM, 9.5 ppg tune light (280 sxs, 3.2yield) + 1300't of 13.2 ppg tail-170 sxs, 1.65 yield) Includes 70% excess. Set packer, open DV tool set at approximately 6900', circ. excess from first stage. 2nd stage: pump 40 bbl polymer spacer + 9.5 ppg tune light to surface (450 sxs, 3.18 yield w/70% excess in open hole/15% cased hole). If no cement to surface or partial circulation occur while pumping 2nd stage, proceed with backup DV tool @ estimated 4650' and stage 3 cmt to consist of: Halliburton spacer + 355 sxs 14.8 ppg, tail w/50 sxs, 1.33 yield + 9.5 ppg lead 250 sxs, 3.18 yield to surface w/15% excess.

*Added Accepted for record 6/20/2013*

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #209871 verified by the BLM Well Information System  
For CONOCOPHILLIPS COMPANY, sent to the Carlsbad  
Committed to AFMSS for processing by KURT SIMMONS on 06/06/2013 (13KMS6359SE)

Name (Printed/Typed) DONNA J WILLIAMS

Title SR. REGULATORY ADVISOR

Signature (Electronic Submission)

Date 06/06/2013

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By

Title

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

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.

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

**Additional data for EC transaction #209871 that would not fit on the form**

**32. Additional remarks, continued**

Additional information regarding this change has been emailed to BLM in Carlsbad.



Fernandez, Edward &lt;efernand@blm.gov&gt;

**FW: Golden Spur WC 25 2H Sundry - set 7in shallower/ 6 1/8" Pilot**

1 message

**Williams, Donna J** <Donna.J.Williams@conocophillips.com>

Thu, Jun 6, 2013 at 8:56 AM

To: "Fernandez, Edward (efernand@blm.gov)" &lt;efernand@blm.gov&gt;, "Filina, Katia" &lt;Katia.Filina@conocophillips.com&gt;

After mentally reviewing how we have handled other changes during drilling of the well, I decided to forward this to you for your review. That way we can discuss if you have questions etc such that when we submit it via WIS, it is all buttoned up. Let me know if this is how you wish to do this one. Thanks.

**From:** Filina, Katia**Sent:** Wednesday, June 05, 2013 11:13 AM**To:** Williams, Donna J; Maunder, Susan B**Cc:** Meda, Pooja S; Uvarov, Igor B; Sills, David W; Garner, Justin B; Paschall, Dennis R.; Permian Drilling 07; Nicholson, Scott**Subject:** Golden Spur WC 25 2H Sundry - set 7in shallower/ 6 1/8" Pilot**Importance:** High

Donna,

Please file sundry for us setting 7in CSG shallower on the Golden WC Spur 25 2H. I have wellbore geometry attached for their reference.

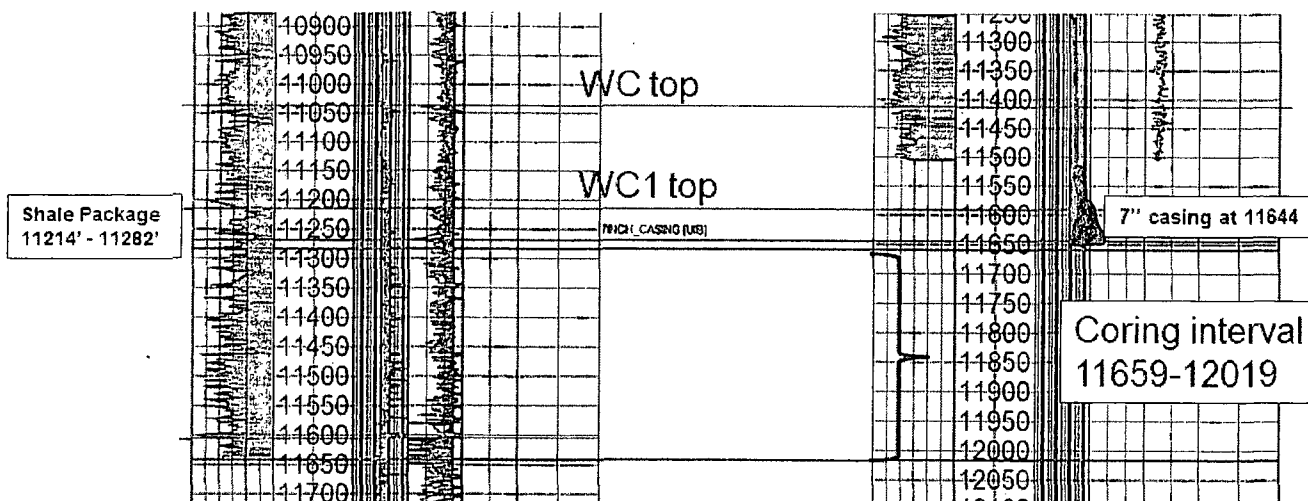
While drilling 8 3/4" pilot hole with mud weight being below 9.2ppg, there were no losses observed till mud was raised to 9.5ppg. at that point Delaware Sands and First Bone spring started losing.

Drilling into Wolfcamp Formation being limited on MW to 9.4ppg is associated with a high risk.

COP proposes to set 7in 29# P110 BTC casing at the suitable shale package around 11,644ft. Please refer to the graphical representation below.

## Stone-cutter

## Golden Spur 25-2H



- 7In 29# P110 BTC shoe at 11645ft
- **Set DV Tool + ECP around 6900ft** (above Bone Spring Formation)
- **Have Back Up DV Tool @4650ft** (20ft below the 9 5/8" CSG which is at 4630ft)
- **Stage #1:** Pump 100bbl Fresh Water, 40 bbl **Polymer Spacer + LCM, 9.5ppg Tune Light** (280sks x 3.2 yield) Halliburton Slurry (KolSeal LCM) + **1300ft of 13.2ppg Tail** (to cover Wolfcamp and Third Bone Spring) 170sks x 1.65 yield. **Includes 70% excess**
- Set Packer, Open DV Tool, circulate excess from the first stage
- Proceed with **Stage #2:** 40bbl **Polymer Spacer + 9.5ppg Tune Light to Surface** 450sks x 3.18 yield with 70% **Excess in open hole and 15% In cased hole**
- **Pump job at 3bpm, last 40bbbls slow down to 0.5bpm to reduce ECD.**
- **If no cement to surface or partial circulation occur while pumping second stage, proceed with the backup DV Tool and stage #3**
- Open DV Tool and circulate excess cement
- WOC 12hrs to reach 50psi compressive strength prior pumping 3 stage
- Pump Stage #3: Halliburton spacer + **355ft x 14.8ppg Tail** 50sks x 1.33 yield + **9.5ppg Lead** 250sks x 3.18 yield to surface with **15% Excess**

P&A pilot hole with 16.4ppg cement gas tight plug = 475sks x 1.18 yield with 35% excess.

Conc	UOM	Cement/Additive	Cement Properties		
100	% BWOC	Cemex Premium H	Slurry Density	16.4	lbm/gal
0.5	% BWOC	GasStop (PB)	Slurry Yield	1.22	ft3/sack
0.75	% BWOC	CFR-3 (PB)	Water Requirement	4.75	gal/sack
10	lb/sk	Silicalite Blend			
0.2	% BWOC	HR-601			
5	lb/sk	NaCl (Sodium Chloride) Salt			
0.4	% BWOC	Super CBL			
4.75	gal/sack	Fresh Water			

Cell - 281-658-2631

13 1/8" 1034'

Temp Log  
CPL Log @ 0 psi / 1000 psi  
cement stringers  
annulus tested 1000 psi 30m

CDP Golden Spur WC 25-241

API 30-015-41235

9 5/8" 40# L80

4631'

95°F

TOC Surface

9.5 ppg Lead + Polymer Spacer

DV TOOL  
(BACK UP)

4650'

6900

DV + ECP

STAGE #1

9.5 ppg Lead + LCM

Whipstock / Window  
WolfCamp

11350

13.2 ppg TAIL

Polymer-LCM, Spacer

4 1/2 TOL

11250'

7" 29# P110BTC

11644'

WC 1

6 1/8 Pilot: Core + Logs

Pump Job @ 3 bpm

Last 4000' 0.5 bpm

WC 3

TD

13300

6 1/8"

P&A  
Plug

4 1/2" 15.1# P110  
BTC

## CONDITIONS OF APPROVAL

Sundry dated 06/06/2013

<b>OPERATOR'S NAME:</b>	<b>Conoco Phillips</b>
<b>LEASE NO.:</b>	<b>NMLC-068282B</b>
<b>WELL NAME &amp; NO.:</b>	<b>Golden Spur WC 25 2H -3001541235</b>
<b>SURFACE HOLE FOOTAGE:</b>	<b>0535' FSL &amp; 0965' FEL</b>
<b>BOTTOM HOLE FOOTAGE:</b>	<b>0330' FNL &amp; 0330' FEL</b>
<b>LOCATION:</b>	<b>Section 25, T. 26 S., R 31 E., NMPM</b>
<b>COUNTY:</b>	<b>Eddy County, New Mexico</b>

**Original COA still applies with the following changes**

1. The minimum required fill of cement behind the 7 inch casing is:

**Operator has proposed DV tool at depth at approximately 6900' and a backup DVtool at 4650. The upper most tool (DV tool and /or Annulus Casing Packer and Stage Tool) shall be set a minimum of 50' below previous shoe.**

- a. First stage to DV tool:

☒ Cement to circulate. If cement does not circulate, contact the appropriate BLM office before proceeding with second stage cement job. Operator should have plans as to how they will achieve circulation on the next stage.

- b. Second stage above DV tool:

☒ Cement to surface. If cement does not circulate, contact the appropriate BLM office.

**If operator is not able to establish cement circulation in either stage, then the operator shall run a CBL and submit to BLM. The operator shall also submit a copy of the service company cement report.**

**Formation below the 7" shoe to be tested according to Onshore Order 2.III.B.1.i. Test to be done as a mud equivalency test using the mud weight necessary for the pore pressure of the formation below the shoe (not the mud weight required to prevent dissolving the salt formation) and the mud weight for the bottom of the hole. Report results to BLM office.**

2. 4-1/2" liner proposal is approved as written: The minimum required fill of cement behind the 4-1/2 inch production Liner is: Cement to top of liner. Operator shall provide method of verification.

**EGF 060613**