

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 2H

9. API Well No.
30-015-41235-00-X1

10. Field and Pool, or Exploratory
RED HILLS

11. County or Parish, and State
EDDY COUNTY, NM

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
CONOCOPHILLIPS COMPANY
Contact: DONNA J WILLIAMS
E-Mail: Donna.J.Williams@Conocophillips.com

3a. Address
400 PENBROOK SUITE 351
ODESSA, TX 79762

3b. Phone No. (include area code)
Ph: 432-688-6943
Fx: 432-688-6019

4. 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 Drilling Operations
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<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 recomplete 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 recompletion 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.

RECEIVED
 JUN 12 2013
 NMOCD ARTESIA

AD Date 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

APPROVED
[Signature]
 JUN 6 2013
 BUREAU OF LAND MANAGEMENT
 CARLSBAD FIELD OFFICE

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.

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 <efernand@blm.gov>

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)" <efernand@blm.gov>, "Filina, Katia" <Katia.Filina@conocophillips.com>

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.

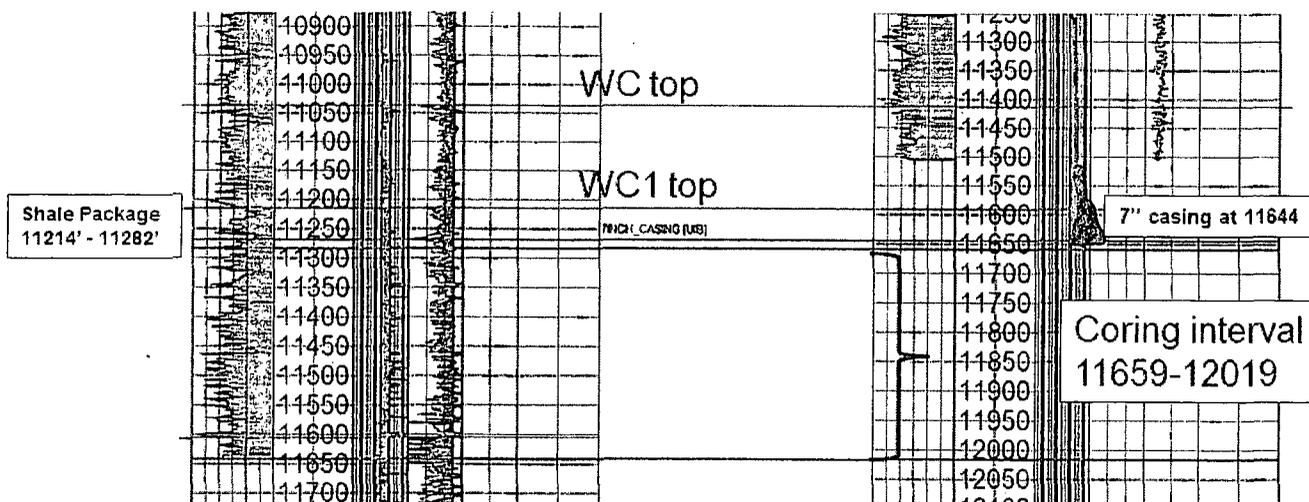
While drilling 8 3/4" pilot hole with mud weight being below 9.2ppg, there were no losses observed till mud was raised to 9.5ppg. at that point Delaware Sands and First Bone spring started losing.

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



11750					
11800					
11850					

12100					
12150					
12200					
12250					

The plan is to cement 7in CSG to surface:

- 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

Continue with the LOT to 14ppg EMW and coring in the 6 1/8" in the wolfcamp, running set of logs at the pilot TD around 13,300ft.

MW 10.5-12.5ppg

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

Cement Information - Plug Design

Conc	UOM	Cement/Additive	Cement Properties		
			Slurry Density		
100	% BWOC	Cemex Premium H	16.4		lbm/gal
0.5	% BWOC	GasStop (PB)	1.22		ft ³ /sack
0.75	% BWOC	CFR-3 (PB)	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			

Open hole or cased hole whipstock might be used for the sidetrack operation, it will depend on pilot hole logs evaluation and final lateral target.

If cased hole whipstock will be utilized, then after cutting window we will proceed with the 6 1/8" curve and lateral.

Run Lateral Shuttle Logs.

RIH 4 1/2" Liner to TD around 16,300ft MD/ 11784ft TVD and cement in one stage with 15ppg slurry 270sks x 2.61 yield including 35% excess.

Please let me know if you need any more information.

The plan is to run Casing Thursday night/ Friday morning.

Best Regards,

Katia Filina

Drilling Engineer - Permian

 ConocoPhillips

Office 832-486-3155

Cell - 281-658-2631

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

CDP Golden Spur WC 25-2H
API 30-015-41235

13 1/8" 1034'

9 5/8" 40# L80 4631'

95°F

6900

TOC Surface
9.5ppg Lead + Polymer Spacer

DV TOOL (BACK UP) 4650

DV + ECP
STAGE # 1
9.5ppg Lead + LCM

Whipstack / Window
WolfCamp 11350

13.2ppg TAIL Polymer-LCM, Spacer

4 1/2 TOL 11250

7" 29# P110BTC 11644'

WC 1

Pump Job @ 3 bpm

6 1/8 Pilot: Core + Logs

Last 4000 0.5 bpm

4 1/2" 15.1# P110 BTC

6 1/8" PRA Plug

WC 3 TD 13300

CONDITIONS OF APPROVAL

Sundry dated 06/06/2013

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

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