Form 3160-5
(August 2007)

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.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

5. Lease Serial No.
NMLC068282B

6. If Indian, Allottee or Tribe Name

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

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
GOLDEN SPUR WC 25 2H

2. Name of Operator
CONOCOPHILLIPS COMPANY
Contact: RHONDA ROGERS
E-Mail: rogerrs@conocophillips.com

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

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

3b. Phone No. (include area code)
Ph: 432-688-9174
Fx: 432-688-6019

10. Field and Pool, or Exploratory
RED HILLS

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 25 T26S R31E SESE 535FSL 965FEL

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

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ 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.)

8 3/4" P&A plug: We had proposed to set 2 plugs for this Plug of the pilot hole. Under the Conditions of Approval, the BLM indicated that the following: "Operator can set one plug from bottom of pilot hole to kick off permit & save the WOC time for tagging the first plug". The plan now is to set a 1100' plug (11545-12100) through the open hole whipstock & 2 7/8" tbg tail. It is our intent to pump 480 sxs PlugCem H (17.2 ppg/1.08 yield). I assume we are to tag this plug.

7" Casing: We would lik to amend the DV tool from 9000' to 8000' in order to reduce stage 2 volume & life pressure to prevent Delaware sand's break down. It is our intent to pump a lighter new design lead slurry with 9.5 ppg tuned light Halliburton system. In case TOC for the Stage 2 has been calculated to be lower than 5150' (below the port collar proposed at 500' below the 9 5/8" casing shoe as a contingency), we will proceed & RIH the 4" drill pipe, open port collar, circulate & pump 9.5 ppg tuned light Halliburton slurry.

RECEIVED
MAY 03 2013
NMOCD ARTESIA

Accepted for record
NMOCD

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

Electronic Submission #205636 verified by the BLM Well Information System
For CONOCOPHILLIPS COMPANY, sent to the Carlsbad
Committed to AFMSS for processing by CHRISTOPHER WALLS on 04/29/2013 (13CRW0112SE)

Name *(Printed/Typed)* RHONDA ROGERS — Title STAFF REGULATORY TECHNICIAN

Signature (Electronic Submission) — Date 04/29/2013

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By CHRISTOPHER WALLS — Title PETROLEUM ENGINEER — Date 04/29/2013

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 Carlsbad

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****

Wolfcamp
ConocoPhillips
Golden Spur WC 25 1H

0

ConocoPhillips

Surface Casing:	13.5ppg
Surface Casing Depth (Ft)	1,040
Surface Casing O.D. (In.)	13.375
Surface Casing ID (In)	12.715
Hole O.D. (In)	17.5
Excess (%)	150%
Volume Tail (Sx)	310
Yield Tail (Cu. Ft./Sx)	1.35
Yield Lead (Cu. Ft./Sx)	1.73
Shoe Joint (Ft)	40
Shoe Volume (Cu. Ft)	35.3
Tail feet of cement	300
Calculated Total Volume (Cu. Ft.)	1,737
Calc. Tail Volume (Cu. Ft.)	417
Calc. Lead Volume (Cu. Ft.)	1,285
Calc. Lead Volume (Sx)	750
	14.8 ppg

Pilot Hole P&A Plug #1	16.4ppg
Hole O.D. (In)	8.75
Excess (%)	135%
cap 8-3/4" bls/ft	0.0744
Calculated fill:	1,300'
Yield Lead (Cu. Ft./Sx)	1.2
Calculated Total Lead (Cu. Ft.)	733
Calc. Lead Volume (Sx)	610

Intermediate 9 5/8 Casing (Lead):	12.9ppg
Intermediate Casing O.D. (In.)	9.625
Intermediate Casing ID (In)	8.921
Hole O.D. (In)	12.25
Excess (%)	200%
cap 12-1/4 - 9-5/8"	0.0558
Calculated fill:	4,150'
Yield Lead (Cu. Ft./Sx)	1.91
Calculated Total Lead (Cu. Ft.)	3,899
Calc. Lead Volume (Sx)	2050

Intermediate 9 5/8 Casing (Tail):	14.8ppg
Intermediate Casing O.D. (In.)	9-5/8"
Production Casing ID (In)	8.921
Hole O.D. (In)	12.25
Excess (%)	250%
cap 12-1/4 - 9-5/8"	0.0558
Calculated fill:	500'
Yield Tail (Cu. Ft./Sx)	1.33
Shoe Joint (Ft)	40
Shoe Volume (Cu. Ft)	17.4
Calc. Tail Volume (Cu. Ft.)	409
Required Tail Volume (Sx)	310

7in Casing (Lead): Stage #1	9.5ppg
Intermediate Casing O.D. (In.)	7.000
Intermediate Casing ID (In)	6.184
Hole O.D. (In)	8.75
Excess (%)	135%
cap 7" - 8-3/4" bls/ft	0.0268
cap 7" - 9-5/8" bls/ft	0.02823
Calculated fill: (DV TOOL)	3181.0
Yield Lead (Cu. Ft./Sx)	3.5
Calculated Total Lead (Cu. Ft.)	646
Calc. Lead Volume (Sx)	190

7in Casing (Tail): Stage #1	13.2 ppg
Intermediate Casing O.D. (In.)	7.000
Intermediate Casing ID (In)	6.184
Hole O.D. (In)	8.75
Excess (%)	150%
cap 7" - 8-3/4" bls/ft	0.0268
Calculated fill:	1,010'
Yield Lead (Cu. Ft./Sx)	1.62
Calculated Total Tail (Cu. Ft.)	228
Required Tail Volume (Sx)	141

7in Casing (Lead): Stage #2	9.5ppg
Intermediate Casing O.D. (In.)	7.000
Intermediate Casing ID (In)	6.184
Hole O.D. (In)	8.75
Excess (%)	135%
cap 7" - 8-3/4" bls/ft	0.0268
cap 7" - 9-5/8" bls/ft	0.02823
Calculated fill: (500' into 9-5/8")	3,850'
Yield Lead (Cu. Ft./Sx)	3.1
Calculated Total Lead (Cu. Ft.)	782
Calc. Lead Volume (Sx)	260

DV+ACP placed around 8000ft TVD +/- 300ft

Gel Spacer WG19 or Polymer Spacer Ultra Seal
1 Stage with LCM Kol Seal + Fiber
2 Stage no Fiber LCM to reduce risk plugging DV Tool

Proceed with stage 2 right after circulating stage 1
Have Port collar placed 500ft below the 9 5/8" show as contingency

Production 4.5 Liner (Lead)	15.0ppg
Intermediate Casing O.D. (In.)	4.500
Intermediate Casing ID (In)	3.826
Hole O.D. (In)	6.125
Excess (%)	135%
cap 4-1/2" - 6-1/8" bls/ft	0.0168
cap 4-1/2 - 7" bls/ft	0.0175
Calculated fill: (to TOL)	1,047'
Yield Lead (Cu. Ft./Sx)	2.6
Calculated Total Lead (Cu. Ft.)	139
Calc. Lead Volume (Sx)	60

Production 4.5 Liner (Tail)	15.0 ppg
Intermediate Casing O.D. (In.)	4.500
Intermediate Casing ID (In)	3.826
Hole O.D. (In)	6.125
Excess (%)	135%
cap 4-1/2" - 6-1/8" bls/ft	0.0168
Calculated fill: (To LP)	4,038'
Yield Lead (Cu. Ft./Sx)	2.61
Calculated Total Tail (Cu. Ft.)	514
Required Tail Volume (Sx)	197