

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

HOBBS OCD
OCD Hobbs
JUN 18 2012

FORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2014

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.
NMLC068281B

6. If Indian, Allottee or Tribe Name
N/A

SUBMIT IN TRIPLICATE - Other instructions on page 2.

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
ConocoPhillips Company

3a. Address
P.o. Box 51810
Midland, Tx 79710

3b. Phone No. (include area code)
432-688-6943

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
655 FNL & 980 FEL
UL: A of 20-26S-32E

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

8. Well Name and No.
Buck Federal # 5H

9. API Well No.
30-025-40539

10. Field and Pool or Exploratory Area
Red Hills Bone Spring

11. County or Parish, State
Lea County, NM

12. CHECK THE 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 Amend Casing Program
	<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 must 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 must be filed once testing has been completed. Final Abandonment Notices must 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 request to amend the drilling program as it pertains to the casing design below the approved 9 5/8" string. It is our intent to run the following:

Drill a 8 3/4" hole and run 7" 29# P110 BTC and set at 9234'. Cement w/lead-100 sxs EconoCem HLH + .3% Halad 9 (Low Fluid Loss Control) + 5 lbm/sk silicalite (light weight additive) + .3% HR-800 (retarder) and tail w/16 sxs HalCem H Class + .3% Halad -9 (Low Fluid Loss Control) + 3% DFR-3 (Dispersant) Estimated top of cement will be 500' into the 9 5/8" string.

Drill a 6" hole and run 4 1/2" 11.6# P110 BTC uncemented liner from 8680 MD to 12880 MD.

Please see attached additional information for review. All other Conditions of Approval will be adhered to.

Due to the fact the rig will be mobilizing to this location over the weekend with an estimated spud date of June 12, ConocoPhillips Company respectfully request expedited approval if warranted.

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)
Donna Williams

Title Sr. Regulatory Advisor

Signature

Date 06/07/2012

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Office

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.

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.

(Instructions on page 2)

APPROVED

JUN 13 2012

D/S/ Chris Walls

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

JUN 20 2012

ConocoPhillips

Red Hills
Buck Federal 20 5H
Nabors M9

API # 30-025-40539

Elevation / Depths		Area				Geological Evaluation			
KB Elevation	3172.0	Lea County, Avalon C/Red Hills				Samples	Yes		
Ground Elevation	3150	Location				Logging	No		
KB to GL	22	(NAD 27 Coords)				Cores	No		
DRILLING PERMIT NO.	217817	Surface Coordinates N 376,547.725 E 698,964.747				Collision Risk	Yes		
AFE #	WA5.CHB 0152	Bottom Hole Location N 372,189.825 E 699,054.643				H2S	No		
Hole Size	MD (ft)	TVD (ft)	Drilling Fluid	Ditch Cuttings	Directional BHA	Surveys	RISKS	Cement	Casing
Conductor 16" #65	69'	59'	Fresh Water	None Gas Detection	0 - 3°	N/A	None	NA	Conductor 20" Preset
Surface 17-1/2" FX65s 9x12 Rustler	1013'	FIT	Aquegel Spud Mud 8.6 - 8.9 PV/ YP 1-6	None Gas Detection	0 - 3° Shock Sub Conv Pend BHA	Teledrift INC ONLY		Lead 13.5ppg	Surface 13-3/8" 54.5# J55, BTC
Intermediate 12-1/4" JZ PLT716D7	4000'	TOC 500 ft	Brine 10 - 10.1 PV/ YP 1-3	Mud Logging	0 - 3°	Teledrift MWD	Losses Plastic salt	Lead 11.9ppg	Centralized Intermediate 9-5/8" 40# L80, LTC
Delaware Sands	4326'		H2S Losses 500' Tall		SCOUT TOOL Vertical Seeking Hunting Straight Motor			Ref. Cmmt Program	
Rustler	4550'	FIT	Lost Returns		Packed Stabilized				Centralized
8 3/4" Vertical 8-3/4"	4810'		Rat Hole		0 - 3°				
Cherry Canyon	6080'		Switch Flowzan Drispac System	Mud Logging Unit to TD	SCOUT TOOL Vertical Seeking Hunting Straight Motor	Teledrift INC ONLY Gyro @KOP			
Production 8-3/4" SDB FX45D 2x14 2x15			Cut Brine 8.8 - 9.1 PV 1-12 YP 1-20		Packed Stabilized				
			Slicker 555 Graphite Lubra-Beads Minimize T&D		Vertical				
			Lost Returns		0 - 89.94°	DDC		Lead 12.6ppg (Ultra Spacer)	Production 7" CSG 29# P-110 BTC
8 3/4" Curve KOP: 8109' MD			Cut Brine 8.8 - 9.1 PV 1-12 YP 1-20		Build DLS 8.0°	MWD D&I Gamma		Tail 770ft 15.6ppg	Rigid Centralizers 1 joint in curve
Bone Spring 1 Carbonate SDB FX D74DM 7x11	8307' 8680'		Seepage Abnormal Pr. WB Stability		6/7 5.0 Motor 2 deg Fixed 30 Jnts HWDP	DDC MWD D&I Gamma		Ref. Cmmt Program	4 1/2" Liner
Avalon A 8713'					Hold 89.96° INC Geologist GeoSteer 6/7 5.0 Motor 1.5 deg Fixed BH			Uncemented Liner	11.6# P-110 BTC Uncemented
Avalon B 8950'									
Avalon C Target									
Back Up Bit JZ PLT616D6 v232									
		Lend @ 89.94° INC 9,234' MD/ 8826' TVD		~3,643ft Horizontal Leg		Toe/PBHL @ 12,880' MD/ 8830' TVD		Completion Sleeves&Packers 28 Stages	
				6" Lateral with 4 1/2" Liner					

Date Prepared: June 06, 2012

Prepared By: Kalra P. Filina

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