

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

MAR 08 2011

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

Farmington Field Office
Bureau of Land Management

1a. Type of Work DRILL	BLM'S APPROVAL OR ACCEPTANCE OF THIS ACTION DOES NOT RELIEVE THE LESSEE AND OPERATOR FROM OBTAINING ANY OTHER AUTHORIZATION REQUIRED FOR OPERATIONS ON FEDERAL AND INDIAN LANDS	5. Lease Number USA SF-078384 Unit Reporting Number
1b. Type of Well GAS		If Indian, All. or Tribe
2. Operator ConocoPhillips Company		7. Unit Agreement Name RCVD APR 29 '11 OIL CONS. DIV. DIST. 3
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700		8. Farm or Lease Name Hodges 9. Well Number 14E
4. Location of Well Surf: Unit B (NWNE), 1288' FNL & 1808' FEL Surf: Latitude: 36.47642° N (NAD83) Longitude: 107.68509° W		10. Field, Pool, Wildcat Basin Dakota 11. Sec., Twn, Rge, Mer. (NMMP) Sec. 21, T26N, R8W API # 30-045-35261
14. Distance in Miles from Nearest Town 37 Miles from Bloomfield, NM	12. County San Juan	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1288'		
16. Acres in Lease 2,560 Acres	17. Acres Assigned to Well 320 Acres E/2'	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 461' from Noble Energy-Newsom C #1 (PC)		
19. Proposed Depth 6813'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6477' GL	22. Approx. Date Work will Start	
23. Proposed Casing and Cementing Program See Operations Plan attached		
24. Authorized by: Brandie Blakley Brandie Blakley (Staff Regulatory Technician)		2-25-11 Date

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

Archaeological Report attached

A gas recovery unit may or may not be used on this location.

Threatened and Endangered Species Report attached

NOTE: This format is issued in lieu of U.S. BLM Form 3160-3

Title 18 U.S.C. Section 1001, makes 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 presentations as to any matter within its jurisdiction.

Example Master Plan Type 3

Bond Numbers ES-0048 and ES-0085

This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4

NMOCD

MAY 17 2011

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS".

A COMPLETE C-144 MUST BE SUBMITTED TO AND
APPROVED BY THE NMOCD FOR: A PIT, CLOSED
LOOP SYSTEM, BELOW GRADE TANK, OR
PROPOSED ALTERNATIVE METHOD, PURSUANT
TO NMOCD PART 19.15.17, PRIOR TO THE USE OR
CONSTRUCTION OF THE ABOVE APPLICATIONS.

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

HODGES 14E

DEVELOPMENT

Lease:		AFE #: WAN.CDR.9379				AFE \$: 888,950.00	
Field Name: SAN JUAN		Rig: Aztec Rig 673		State: NM	County: SAN JUAN		API #:
Geologist:		Phone:		Geophysicist:		Phone:	
Geoscientist:		Phone:		Prod. Engineer:		Phone:	
Res. Engineer:		Phone:		Proj. Field Lead:		Phone:	
Primary Objective (Zones):							
Zone	Zone Name						
FRR	BASIN DAKOTA (PRORATED GAS)						
Location: Surface Datum Code: NAD 27 Straight Hole							
Latitude: 36.476410		Longitude: -107.684479		X:	Y:	Section: 21	Range: 008W
Footage X: 1808 FEL		Footage Y: 1288 FNL		Elevation: 6477 (FT)	Township: 026N		
Tolerance:							
Location Type: Year Round		Start Date (Est.): 1/1/2012		Completion Date:		Date In Operation:	
Formation Data: Assume KB = 6492 Units = FT							
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	MD (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing.	200	6292		<input type="checkbox"/>			12-1/4" Hole. 9 5/8" 32.3 ppf, H-40, STC casing. Cement with 121 cuft. Circulate cement to surface.
OJO ALAMO	1434	5058		<input type="checkbox"/>			
KIRTLAND	1624	4868		<input type="checkbox"/>			
FRUITLAND	1866	4626		<input type="checkbox"/>			Possible Gas
PICTURED CLIFFS	2239	4253		<input type="checkbox"/>			
LEWIS	2345	4147		<input type="checkbox"/>			
HUERFANITO BENTONITE	2676	3816		<input type="checkbox"/>			
CHACRA	3121	3371		<input type="checkbox"/>			
UPPER CLIFF HOUSE	3681	2811		<input type="checkbox"/>			Cliffhouse is wet
MASSIVE CLIFF HOUSE	3813	2679		<input type="checkbox"/>			
MENEFEE	3908	2584		<input type="checkbox"/>			
INTERMEDIATE CASING DEEP SET	4058	2434		<input type="checkbox"/>			8 3/4" Hole. 7", 20/23 ppf, J-55, STC/LTC Casing. Cement with 914 cuft. Circulate cement to surface.
POINT LOOKOUT	4542	1950		<input type="checkbox"/>			GAS
MANCOS	4899	1593		<input type="checkbox"/>			
UPPER GALLUP	5666	826		<input type="checkbox"/>			
GREENHORN	6523	-31		<input type="checkbox"/>			
GRANEROS	6572	-80		<input type="checkbox"/>			
TWO WELLS	6608	-116		<input type="checkbox"/>	2724		Gas
PAGUATE	6674	-182		<input type="checkbox"/>			
UPPER CUBERO	6726	-234		<input type="checkbox"/>			
LOWER CUBERO	6742	-250		<input type="checkbox"/>			Est. Btm Perf - 6798 (- 306) based on offset wells
ENCINAL	6813	-321		<input type="checkbox"/>			TD - T/ENCN; consistent with air drill and offset information.
Total Depth	6813	-321		<input type="checkbox"/>	185		6 1/4" hole, 4-1/2" 11.6 ppf, L-80 LTC casing. Cement with 379 cuft. Circulate cement to a minimum 100' inside previous casing string.

PROJECT PROPOSAL - New Drill / Sidetrack

HODGES 14E

DEVELOPMENT

BURRO CANYON	6845	-353	<input type="checkbox"/>
MORRISON	6939	-447	<input type="checkbox"/>

Reference Wells:		
Reference Type	Well Name	Comments
Production	Hodges 8	26N 8W 21 NW SW
Production	State 16 1E	26N 8W 16 NW SE SE
Production	Hodges 8E	26N 8W 21 SE NW NW

Logging Program:	
Intermediate Logs:	<input type="checkbox"/> Log only if show <input type="checkbox"/> GR/ILD <input type="checkbox"/> Triple Combo

TD Logs:	<input type="checkbox"/> Triple Combo <input type="checkbox"/> Dipmeter <input type="checkbox"/> RFT <input type="checkbox"/> Sonic <input type="checkbox"/> VSP <input type="checkbox"/> TDT <input checked="" type="checkbox"/> Other
Cased Hole GR / CBL	
Mudlog from 100' above top of GLLP to TD - mudlogger will call TD.	

Additional Information:					
Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks

Comments:



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CONOCOPHILLIPS COMPANY
HODGES #14E
1288' FNL & 1808' FEL
LOCATED IN THE NW/4 NE/4 OF SECTION 21,
T26N, R8W, N.M.P.M.,
SAN JUAN COUNTY, NEW MEXICO
GROUND ELEVATION: 6477', NAVD 88
FINISHED PAD ELEVATION: 6476.4', NAVD 88

DIRECTIONS

- 1) FROM POST OFFICE IN BLOOMFIELD, TRAVEL 0.4 MILES TO THE INTERSECTION OF HWY 64 & HWY 550.
- 2) TURN ONTO HWY 550 SOUTH AND TRAVEL 23.5 MILES TO CR 7425.
- 3) TURN LEFT AND HEAD EAST, 9.3 MILES, TO A "T" INTERSECTION.
- 4) TURN LEFT ONTO CR 7425 AND CROSS THE BLANCO WASH FOR 0.5 MILES.
- 5) TURN LEFT AND TRAVEL 1.7 MILES NORTH TO AN INTERSECTION.
- 6) CONTINUE NORTH, 0.3 MILES TO AN INTERSECTION.
- 7) TURN RIGHT AND TRAVEL 0.7 MILES TO AN INTERSECTION.
- 8) TURN LEFT AND TRAVEL 0.1 MILES TO AN INTERSECTION.
- 9) TURN RIGHT AND TRAVEL 0.8 MILES TO THE NEW ACCESS FLAGGED ON THE RIGHT.
- 10) FOLLOW FLAGGING FOR 390 FEET TO PROPOSED WELL PAD.

WELL FLAG LOCATED AT LAT. 36.47642° N, LONG. 107.68509° W (NAD 83).

