

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

JUL 29 2010

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 SF-078432	Unit Reporting Number
1b. Type of Well GAS		6. If Indian, All. or Tribe	
2. Operator ConocoPhillips Company		7. Unit Agreement Name RCVD AUG 16 '10 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 13F
4. Location of Well Surf: Unit I (NESE), 1901' FSL & 722' FEL Surf: Latitude: 36.44155° N (NAD83) Longitude: 107.86221° W		10. Field, Pool, Wildcat Basin Dakota	11. Sec., Twn, Rge, Mer. (NMPM) I Sec. 34, T26N, R8W API # 30-045- 35185
14. Distance in Miles from Nearest Town 39 miles / Bloomfield		12. County San Juan	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 722'		17. Acres Assigned to Well 320.00 E/2 - DK	
16. Acres in Lease 2,480.00			
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 1200' from Hodges 3 (PC)		20. Rotary or Cable Tools Rotary	
19. Proposed Depth 7330'			
21. Elevations (DF, FT, GR, Etc.) 6988' GL		22. Approx. Date Work will Start	
23. Proposed Casing and Cementing Program See Operations Plan attached			
24. Authorized by: <u>Crystal Tafoya</u> Crystal Tafoya (Staff Regulatory Tech)		7/29/2010 Date	

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.

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

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

AUG 27 2010 NMOCD

NO RE-ENTRY TO CASING & CEMENT
PRIORITY

This action is subject to technical and
procedural review pursuant to 43 CFR 31.65.2
and appeal pursuant to 43 CFR 31.65.4

DISTRICT I
1825 N. French Dr., Hobbs, N.M. 88240

State of New Mexico
Energy, Minerals & Natural Resources Department

RECEIVED

Form C-102
Revised October 12, 2005

DISTRICT II
1301 W. Grand Avenue, Artesia, N.M. 88210

DISTRICT III
1000 Rio Brazos Rd., Artesia, N.M. 87410

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

OIL CONSERVATION DIVISION

1220 South St. Francis Dr. Farmington Field Office
Santa Fe, NM 87505 Bureau of Land Management

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045-35185		*Pool Code 71599	*Pool Name BASIN DAKOTA
*Property Code 31768	*Property Name HODGES		*Well Number 13 F
*OGRD No. 217817	*Operator Name CONOCOPHILLIPS COMPANY		*Elevation 6988'

¹⁰ Surface Location

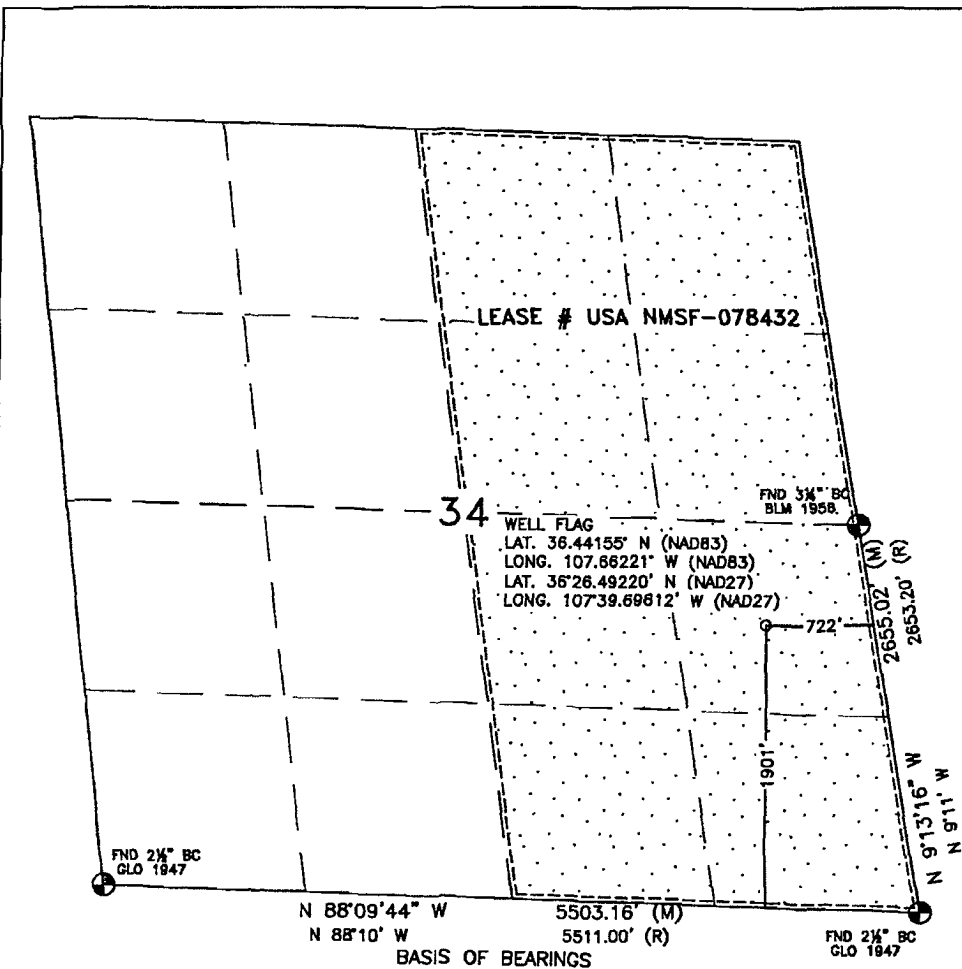
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	34	26N	8W		1901'	SOUTH	722'	EAST	SAN JUAN

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I									
¹² Dedicated Acres 320.00 ACRES - E/2			¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ Order No.		

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

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¹⁷ OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner or a compulsory pooling order heretofore entered by the division.

Crystal Tafoya 7/26/10
Signature Date

Crystal Tafoya 7/26/10
Printed Name

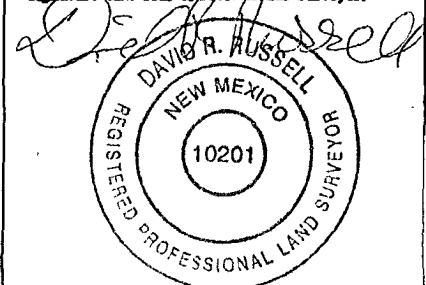
¹⁸ SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

DECEMBER 29, 2009

Date of Survey

Signature and Seal of Professional Surveyor:



DAVID RUSSELL

Certificate Number 10201

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

HODGES 13F

DEVELOPMENT

Lease:		AFE #: WAN.CDR.9357				AFE \$: 888,950.00	
Field Name: SAN JUAN		Rig: H&P Rig 283		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: 36.441540		Longitude: -107.661600		X:	Y:	Section: 34	Range: 008W
Footage X: 722 FEL		Footage Y: 1901 FSL		Elevation: 6988 (FT)	Township: 026N		
Tolerance:							
Location Type: Year Round		Start Date (Est.): 1/1/2011		Completion Date:		Date In Operation:	
Formation Data: Assume KB = 7003 Units = FT							
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	MD (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	320	6683		☐			320' 8 5/8" 24 ppf, J-55, STC casing. Cement with 226 cuft. Circulate cement to surface.
OJO ALAMO	1903	5100		☐			
KIRTLAND	2094	4909		☐			
FRUITLAND	2265	4738		☐			Possible Gas
PICTURED CLIFFS	2706	4297		☐			
LEWIS	2786	4217		☐			
HUERFANITO BENTONITE	3093	3910		☐			
CHACRA	3560	3443		☐			
UPPER CLIFF HOUSE	4063	2940		☐			Cliffhouse is wet
MASSIVE CLIFF HOUSE	4250	2753		☐			
MENEFEE	4322	2681		☐			
POINT LOOKOUT	5009	1994		☐			GAS
MANCOS	5347	1656		☐			
UPPER GALLUP	6108	895		☐			
GREENHORN	6979	24		☐			
GRANEROS	7031	-28		☐			
TWO WELLS	7061	-58		☐	3214		Gas
PAGUATE	7137	-134		☐			
UPPER CUBERO	7186	-183		☐			
LOWER CUBERO	7205	-202		☐			Est. Btm Perf - 7275 (- 272) based on offset wells
ENCINAL	7285	-282		☐			TD Below Btm Perf (15' rathole, 40' for mudshoe)
Total Depth	7330	-327		☐		184	7 7/8" hole, 4-1/2" 11.6 ppf, N-80 LTC casing. Cement with 2,154 cuft. Circulate cement to surface.
BURRO CANYON	7343	-340		☐			
MORRISON	7388	-385		☐			
Reference Wells:							

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

HODGES 13F

DEVELOPMENT

Reference Type	Well Name	Comments
Production	Hodges 13	26N 8W 34 NW NE
Production	Nickson 13	26N 8W 26 SW SW
Production	Nickson 12	26N 8W 35 SE NW

Logging Program:

Intermediate Logs: ☐ Log only if show ☐ GR/ILD ☐ Triple Combo

TD Logs: ☐ Triple Combo ☐ Dipmeter ☐ RFT ☐ Sonic ☐ VSP ☐ TDT ☒ 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
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CONOCOPHILLIPS COMPANY

HODGES #13 F
1901' FSL & 722' FEL
LOCATED IN THE NE/4 SE/4 OF SECTION 34,
T26N, R8W, N.M.P.M.,
SAN JUAN COUNTY, NEW MEXICO

DIRECTIONS

- 1) FROM THE POST OFFICE IN BLOOMFIELD, TRAVEL EASTERLY ON HWY 64 FOR 0.4 MILES TO THE INTERSECTION OF HWY 64 AND HWY 550.
- 2) TURN RIGHT ONTO HWY 550 AND GO 23.5 MILES TO THE INTERSECTION OF HWY 550 AND CR 7425.
- 3) TURN LEFT ONTO CR 7425 AND GO 9.3 MILES TO "T" INTERSECTION.
- 4) GO LEFT STAYING ON CR 7425, GOING ACROSS WASH FOR A TOTAL OF 0.5 MILES TO "Y" INTERSECTION.
- 5) TURN RIGHT AND CONTINUE 4.7 MILES (DUFERS POINT).
- 6) CONTINUE TO THE LEFT AND TRAVEL 0.5 MILES TO BEGIN ACCESS ON EXISTING 2-TRACK.
- 7) FOLLOW 2-TRACK $\pm 831'$ TO BEGIN NEW ACCESS ON RIGHT SIDE OF ROAD.

WELL FLAG LOCATED AT LAT. 36.44155° N, LONG. 107.66221° W (NAD 83).

