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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

MAR 02 2010

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

Bureau of Land Management
Farmington Field Office

1a. Type of Work DRILL	5. Lease Number NM-019410 Unit Reporting Number NMNM-73832-DK NMNM-76254-MV
1b. Type of Well GAS	6. If Indian, All. or Tribe
2. Operator ConocoPhillips Company	7. Unit Agreement Name JUL 12 '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 Bruington 9. Well Number 15G
4. Location of Well Surf: Unit L(NWSW), 1795' FSL & 905' FWL Surf: Latitude: 36.810008° N (NAD83) <i>LOTS</i> Longitude: 107.984767° W	10. Field, Pool, Wildcat Blanco MV / Basin DK 11. Sec., Twn, Rge, Mer. (NMPM) L Sec. 15, T30N, R11W API # 30-045- <i>35115</i>
14. Distance in Miles from Nearest Town 9 miles / Aztec	12. County San Juan
	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 905'	
16. Acres in Lease 123.420	17. Acres Assigned to Well 320.0 W/2 - DK & 323.42 W/2 - MV <i>323.42 cm</i>
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 102' from Federal Com 15	
19. Proposed Depth 6918'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 5813' GL	22. Approx. Date Work will Start
23. Proposed Casing and Cementing Program See Operations Plan attached	
24. Authorized by: <i>Crystal Tafoya</i> Crystal Tafoya (Regulatory Technician)	Date <i>3/1/2010</i>

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

Archaeological Report attached

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

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

JUL 14 2010
NMOCD

NOTIFY AZTEC OCD 24 HRS.
PRIOR TO CASING & CEMENT

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 LANDS

DISTRICT I
1625 N. French Dr., Hobbs, N.M. 88240

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

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

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

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised October 12, 2005

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

MAR 02 2010

☐ AMENDED REPORT

Bureau of Land Management

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-35115	² Pool Code 71599/72319	³ Pool Name BLANCO BASIN DAKOTA/MESAVERDE
⁴ Property Code 31508	⁵ Property Name BRUINGTON	⁶ Well Number 15G
⁷ OGRID No. 217817	⁸ Operator Name CONOCOPHILLIPS COMPANY	⁹ Elevation 5813'

¹⁰ Surface Location

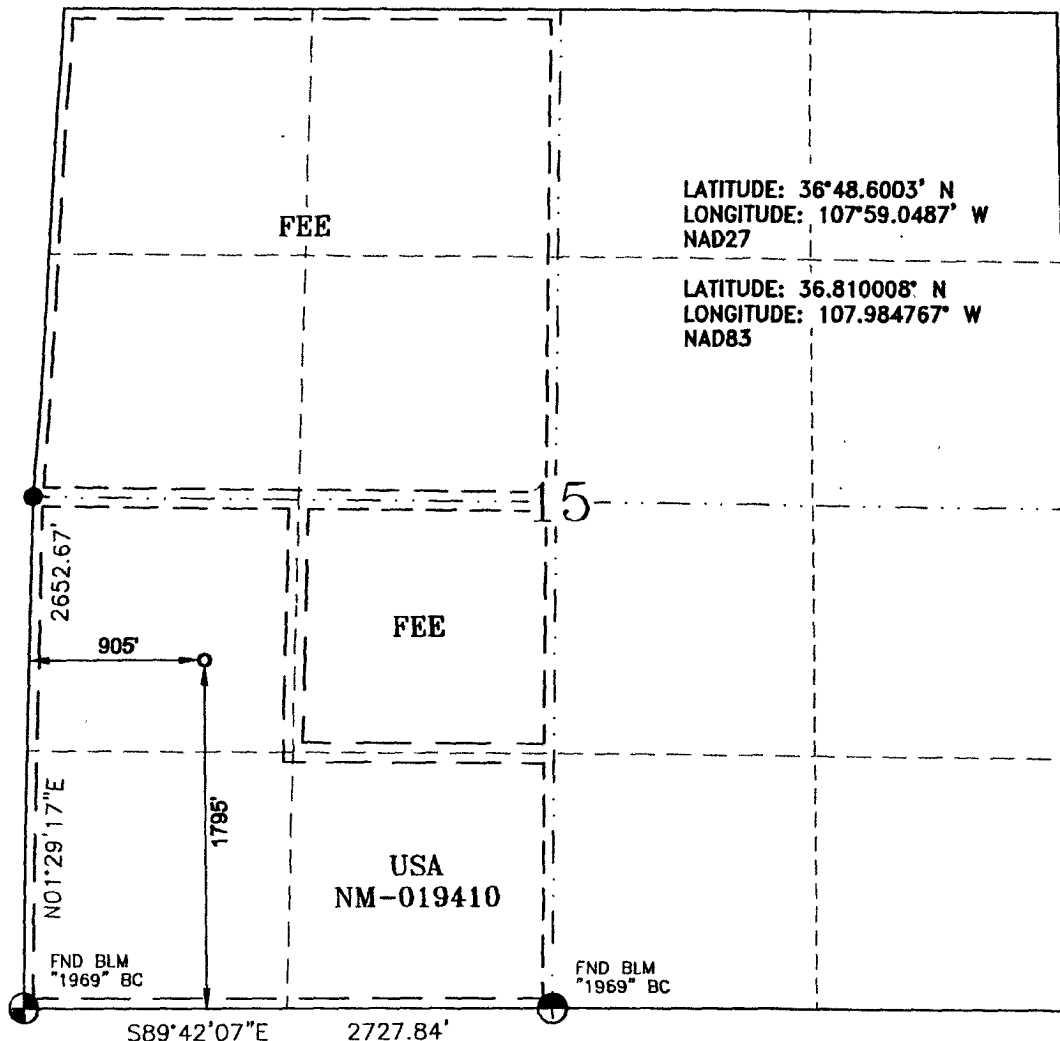
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	15	30-N	11-W	5	1795	SOUTH	905	WEST	SAN JUAN

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
L									
¹² Dedicated Acres MV 323.42 ACRES W/2 DK 320.00 ACRES W/2 323.42 cm			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

16



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 of such a mineral or a working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature: Crystal Tafaya 2/23/09
Printed Name: Crystal Tafaya 2-23-09

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.

Date of Survey: 2-19-09
Signature and Seal of Professional Surveyor:
Glen W. Russell
Certificate Number: 15703

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

BRUINGTON 15G

DEVELOPMENT

Lease:		AFE #: WAN.CNV.6256		AFE \$: 1,553,984.04	
Field Name: NEW MEXICO-WEST		Rig: XXX Must be 2011		State: NM	County: SAN JUAN
Geologist:		Phone:		Geophysicist:	
Geoscientist: Head, Chip F (Charles)		Phone: +1-505-326-9772		Prod. Engineer: Piotrowicz, Greg M.	
Res. Engineer: Prabowo, Wahyu		Phone: +1-505-326-9797		Proj. Field Lead: Fransen, Eric E.	
				Phone: +1-432-368-1215	

Primary Objective (Zones):

Zone	Zone Name
R20076	DAKOTA(R20076)
R20002	MESAVERDE(R20002)

Location: Surface Datum Code: NAD 27 Straight Hole

Latitude: 36.810004	Longitude: -107.984144	X:	Y:	Section: 15	Range: 011W
Footage X: 905 FWL		Footage Y: 1795 FSL		Elevation: 5813 (FT)	Township: 030N
Tolerance:					

Location Type: Year Round	Start Date (Est.): 1/1/2011	Completion Date:	Date In Operation:
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Formation Data: Assume KB = 5829 Units = FT

Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	200	5629	<input type="checkbox"/>			Severe lost circulation is possible. 9 5/8", 32.3 ppf, H-40, STC casing. Cement with 121 cuft. Circulate cement to surface. Possible water flows
OJAM	837	4992	<input type="checkbox"/>			
KRLD	1007	4822	<input type="checkbox"/>			
FRLD	1628	4201	<input type="checkbox"/>			Possible gas
PCCF	2235	3594	<input type="checkbox"/>			
LEWS	2343	3486	<input type="checkbox"/>			
HURF	2985	2844	<input type="checkbox"/>			
CHRA	3259	2570	<input type="checkbox"/>			
UCLFH	3818	2011	<input type="checkbox"/>			Est. Top Perf - 3820 (2009)
CLFH	3933	1896	<input type="checkbox"/>	810		Gas; possibly wet
MENF	4015	1814	<input type="checkbox"/>			
Intermediate Casing	4165	1664	<input type="checkbox"/>			7", 20/23 ppf, J-55, STC/LTC Casing. Cement with 938 cuft. Circulate cement to surface. Gas
PTLK	4543	1286	<input type="checkbox"/>			
MNCS	4866	963	<input type="checkbox"/>			
GLLP	5805	24	<input type="checkbox"/>			Gas. Possibly wet.
GRHN	6543	-714	<input type="checkbox"/>			Gas possible, highly fractured
GRRS	6594	-765	<input type="checkbox"/>			
TWLS	6653	-824	<input type="checkbox"/>			Gas
PAGU	6728	-899	<input type="checkbox"/>			Gas. Highly Fractured.
CBRL	6770	-941	<input type="checkbox"/>			Est. Btm Perf - 6818 (-989) based on offset wells
ENCN	6823	-994	<input type="checkbox"/>			
Total Depth	6918	-1089	<input type="checkbox"/>			4 1/2", 11.6 ppf, L-80, LTC casing. Cement with 379 cuft. Circulate cement a minimum of 100' inside the previous casing string.

Reference Wells:

Reference Type	Well Name	Comments
Production	Bruington 15-N	30N-11W15 SE SW

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San Juan Business Unit

BRUINGTON 15G

DEVELOPMENT

Production	FC Fed Com 15	30N-11W15 SE NW SW
Production	Dump Mesa Fed 1M	20N-11W15 SW NW SE

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

Additional Information:

Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks
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Directions from the intersection of
Hwy. 550 & Hwy 173 in Aztec, NM
To:

CONOCOPHILLIPS COMPANY

BRVINGTON 15G

1795' FSL & 905' FWL,

Section 15, T30N, R11W, N.M.P.M., San Juan County,
New Mexico

Latitude: 36° 48' 36.03033" N

Longitude: 107° 59' 05.16297" W

Nad 1983

From the intersection of Hwy 550 & Hwy 173,

Take Hwy 173 East for 4.2 miles,

Turn right (west-southwesterly) for 2.3 miles,

Turn right (northwesterly) for 2.0,

Turn right (northerly) 0.5 miles,

Turn left (northwesterly) 0.1 miles,

to the newly staked location twinned on existing well pad,

FEDERAL COM 15.