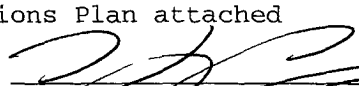


UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

OCT 23 2009

1a. Type of Work DRILL	5. Lease Number NM-0558140 Unit Reporting Number
1b. Type of Well GAS	6. If Indian, All. or Tribe
2. Operator ConocoPhillips Company	7. Unit Agreement Name RCVD NOV 9 '09 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 Gobernador Com 9. Well Number 6M
4. Location of Well Surf: Unit H (SENE), 1736' FNL & 843' FEL Bottom hole: Unit G (SWNE), 1540' FNL & 1930' FEL Surf: Latitude: 36.72798° N (NAD83) Longitude: 107.33865° W Bottomhole: Latitude: 36.72854° N (NAD83) Longitude: 107.34236° W	10. Field, Pool, Wildcat Basin DK/Blanco MV 11. Sec., Twn, Rge, Mer. (NMPM) H Sec. 15, T29N, R5W API # 30-039-30830
14. Distance in Miles from Nearest Town 32 Miles from Blanco	12. County Rio Arriba 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 415'	
16. Acres in Lease 600	17. Acres Assigned to Well 320 E/2 MV/DK
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 52' from Gobernador Com 6	
19. Proposed Depth 8128'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6761' GL	22. Approx. Date Work will Start 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
23. Proposed Casing and Cementing Program See Operations Plan attached	
24. Authorized by:  Kelly Jeffery (Regulatory Technician)	10-22-09 Date

PERMIT NO.

APPROVAL DATE

APPROVED BY 

TITLE

AFM

DATE

11/4/09

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 Number H000B-000015 and NMB-000089

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

for Directional Survey
and "As Drilled" plat

for Directional Survey
and "As Drilled" plat

NOTIFY AZTEC OCD 24 HRS.

PRIOR TO CASING & CEMENT

NOV 17 2009



This action is subject to technical and review pursuant to 43 CFR 3165.9 and appeal pursuant to 43 CFR 3165.4

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

DISTRICT II
1301 W. 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 2008 Copies

AMENDED REPORT
Filing Office

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-30830	² Pool Code 72319 / 71599	³ Pool Name BLANCO MESAVERDE/BASIN DAKOTA
⁴ Property Code 37637	⁵ Property Name GOBERNADOR COM	⁶ Well Number 6 M
⁷ GRID No. 217817	⁸ Operator Name CONOCOPHILLIPS COMPANY	⁹ Elevation 6761'

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
H	15	29N	5W		1736'	NORTH	843'	EAST	RIO ARRIBA

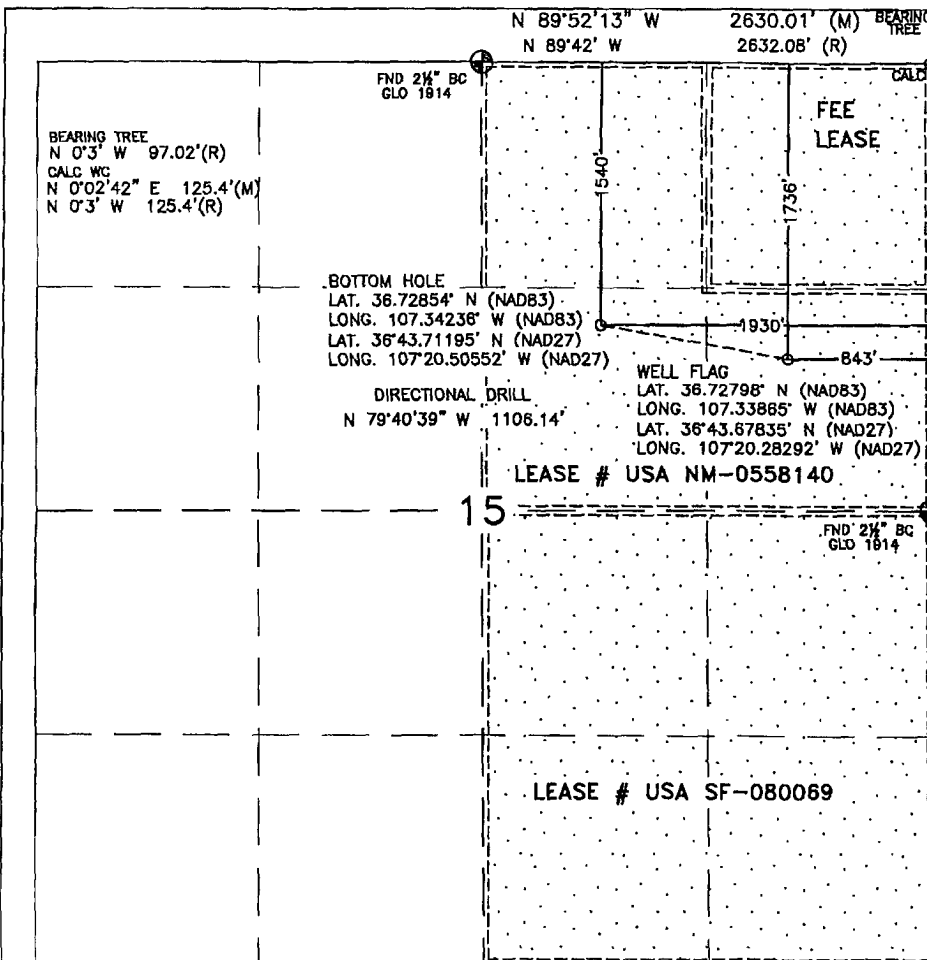
¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	15	29N	5W		1540'	NORTH	1930'	EAST	RIO ARRIBA

¹² Dedicated Acres 320.00 ACRES - E/2	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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

18



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 5/22/09
Signature Date

Crystal Tafoya 5-22-09

Printed Name

18 SURVEYOR CERTIFICATION

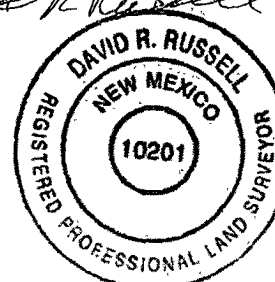
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

MAY 11, 2009

Date of Survey

Signature and Seal of Professional Surveyor:

David R. Russell



DAVID RUSSELL

Certificate Number

10201

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

GOBERNADOR COM 6M

DEVELOPMENT

Lease:		AFE #: WAN.CDR.9016		AFE \$: 1,727,498.76	
Field Name: SAN JUAN		Rig: H&P Rig 283		State: NM	County: RIO ARRIBA
Geologist:		Phone:		Geophysicist:	
Geoscientist:		Phone:		Prod. Engineer:	
Res. Engineer:		Phone:		Proj. Field Lead:	

Primary Objective (Zones):

Zone	Zone Name
RON	BLANCO MESAVERDE (PRORATED GAS)
FRR	BASIN DAKOTA (PRORATED GAS)

Location: Surface		Datum/Code: NAD 27		Directional	
Latitude: 36.727972	Longitude: -107.338049	X:	Y:	Section: 15	Range: 005W
Footage X: 843 FEL	Footage Y: 1736 FNL	Elevation: 6761	(FT)	Township: 029N	

Tolerance:

Location: Bottom Hole		Datum/Code: NAD 27		Directional	
Latitude: 36.728532	Longitude: -107.341759	X:	Y:	Section: 15	Range: 005W
Footage X: 1930 FEL	Footage Y: 1540 FNL	Elevation:	(FT)	Township: 029N	

Tolerance:

Location Type: Restricted	Start Date (Est.): 1/1/2010	Completion Date:	Date In Operation:
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Formation Data: Assume KB = 6776 Units = FT

Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	201	6575	☐			12-1/4 hole. 201 9 5/8" 32.3 ppf, H-40, STC casing. Cement with 159 cuft. Circulate cement to surface.
NACIMIENTO	1577	5199	☐			
OJO ALAMO	2948	3828	☐			
KIRTLAND	3080	3696	☐			
FRUITLAND	3162	3614	☐			Possible Gas
PICTURED CLIFFS	3700	3076	☐			
LEWIS	3756	3020	☐			
Intermediate Casing	3856	2920	☐			8 3/4" Hole. 7", 23 ppf, J-55, LTC Casing. Cement with 918 cuft. Circulate cement to surface.
HUERFANITO BENTONITE	4456	2320	☐			
CHACRA	4733	2043	☐			Est. Top Perf - 4734 (2041)
UPPER CLIFF HOUSE	5326	1450	☐			Gas
MASSIVE CLIFF HOUSE	5596	1180	☐	860		Gas
MENEFEE	5634	1142	☐			
POINT LOOKOUT	5898	878	☐			
MANCOS	6250	526	☐			
UPPER GALLUP	7129	-353	☐			
GREENHORN	7877	-1101	☐			
GRANEROS	7932	-1156	☐			
TWO WELLS	8028	-1252	☐	3400		Gas
UPPER CUBERO	8078	-1302	☐			Est. Btm Perf - 8112 (-1337) based on offset wells
LOWER CUBERO	8094	-1318	☐			TD - 50' below T/CBRO

PROJECT PROPOSAL - New Drill / Sidetrack

GOBERNADOR COM 6M

DEVELOPMENT

Total Depth	8128	-1352	☐	6-1/4" hole, 4-1/2" 11.6 ppf, J-55/L-80, LTC casing. Cement w/ 581 cuft. Circulate cement a minimum of 100' inside the previous casing string.
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ENCINAL	8172	-1396	☐	
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Reference Wells:

Reference Type	Well Name	Comments
Production	La Jara 1	29N 5W 10 NE SW SW
Production	SJ 29-5 97	29N 5W 15 NW SE SE
Production	SJ 29-5 73	29N 5W 15 NW SE NE
Production	La Jara 1-R	29N 5W 10 NE SW SW

Logging Program:

Intermediate Logs:	☐ Log only if show	☐ GR/ILD	☐ Triple Combo
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TD Logs:	☐ Triple Combo	☐ Dipmeter	☐ RFT	☐ Sonic	☐ VSP	☒ TDT	☐ Other
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Cased Hole GR / CBL

Mudlog from 100' above top of GRHN to TD - mudlogger will call TD.

Additional Information:

Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks
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Comments: Location/Tops/Logging - MV/DKNM029N005W15NE2 Avoid H - a MV producer is located there. Could surface twin Gobernador 6 (PC/MV) with a BHL in G. Prefer G, B, A. Topo could be an issue.

Zones - MV/DKNM029N005W15NE2

General/Work Description - 9/14/09....drill GC 6M 1 yr after 29-5 108N proves up DK
LEWIS INCLUDED

9/21/09-see note in Doc Mgmt about contingencies wfp

9/10/09 Lewis Reserves Added in PEEP

12/18/08 Economic with directional and/or closed loop costs. PEEP cases include the additional \$400M. pshorty

CVecere 6/25/09: Cost estimate includes \$30k for above grade pit.

07/08/09 - Drilling Cost Estimate assumes that both new drills will split cost for construction,closed loop (\$85K), and a 1100 ft step out. Cost is \$123.73/ft, adg

ConocoPhillips or its affiliates

Planning Report

Database:	EDM Central Planning	Local Co-ordinate Reference:	Well Gobernador COM 6M
Company:	ConocoPhillips SJB	TVD Reference:	WELL @ 6775 9ft (Original Well Elev)
Project:	San Juan Basin - New Mexico Wells	MD Reference:	WELL @ 6775 9ft (Original Well Elev)
Site:	Other Named Wells	North Reference:	True
Well:	Gobernador COM 6M	Survey Calculation Method:	Minimum Curvature
Wellbore:	Principal Wellbore		
Design:	Plan #1		

Formations						
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Direction (°)	
3,275.8	3,080.0	Kirtland				
3,974.9	3,756.0	Lewis				
8,296.9	8,078.0	Upper Cubero				
8,150.9	7,932.0	Graneros				
8,095.9	7,877.0	Greenhorn				
6,116.9	5,898.0	Point Lookout				
1,604.1	1,577.0	Nacimiento				
3,364.7	3,162.0	Fruitland				
8,312.9	8,094.0	Lower Cubero				
6,468.9	6,250.0	Mancos Shale				
8,246.9	8,028.0	Two Wells				
4,951.9	4,733.0	Chacara				
3,129.3	2,948.0	Ojo Alamo				
3,918.7	3,700.0	Pictured Cliffs				
5,814.9	5,596.0	Massive Cliffhouse				
7,347.9	7,129.0	Upper Gallup				
4,674.9	4,456.0	Huerfanito Bentonite				
5,852.9	5,634.0	Menefee				
5,544.9	5,326.0	Upper Cliffhouse				
	8,172.0	Encinal				

REFERENCE INFORMATION

WELL @ 6775.9ft (Original Well Elev)
Ground Elevation 6759.9
Reference Lat: 36° 43' 40.701 N
Reference Long: 107° 20' 16.975 W

Project: San Juan Basin - New Mexico Wells
Site: Other Named Wells
Well: Gobernador COM 6M
Wellbore: Principal Wellbore
Design: Plan #1

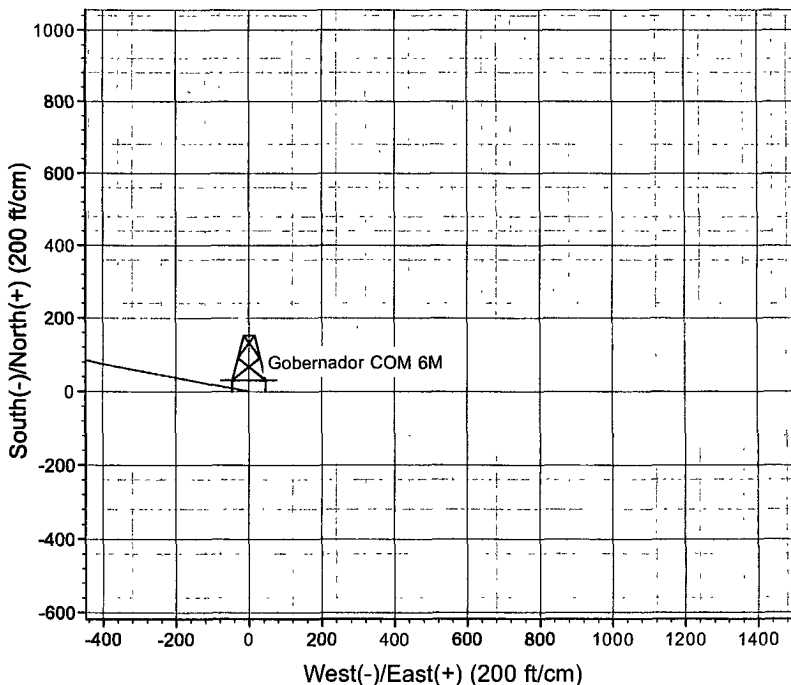
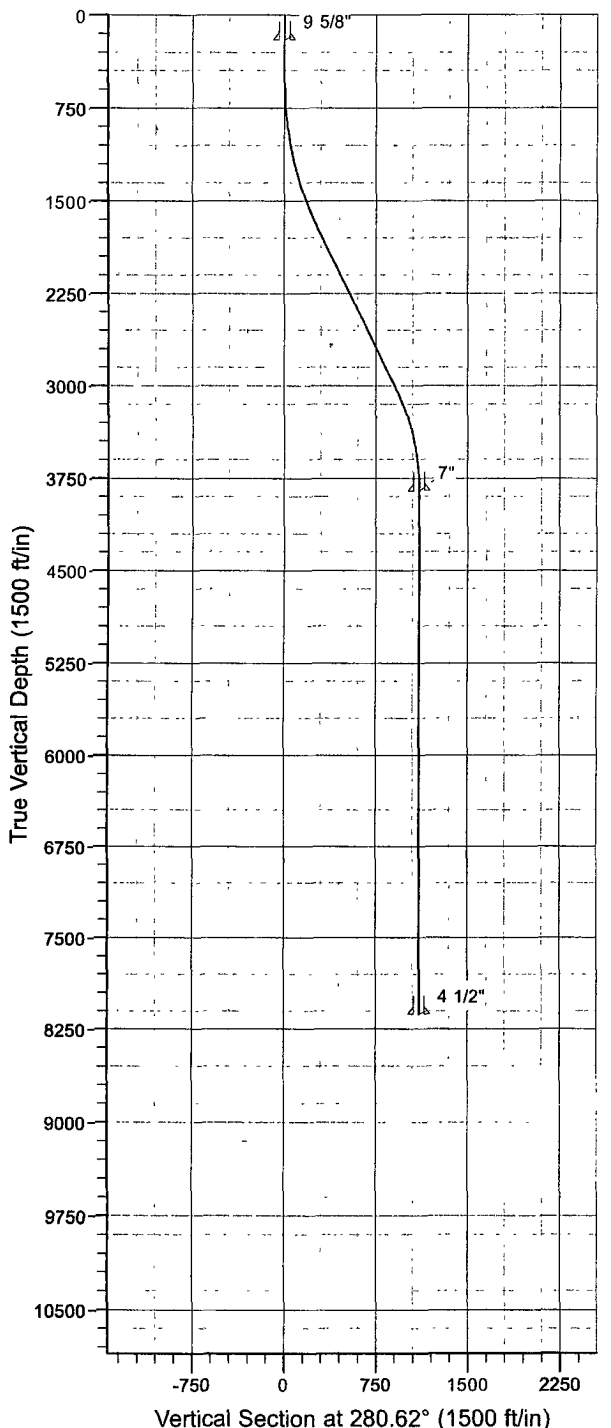
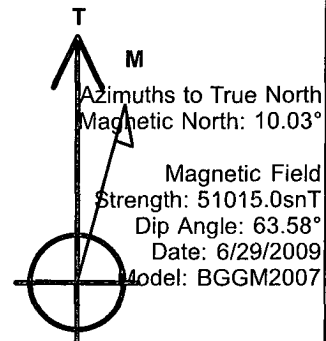


SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	500.0	0.00	0.00	500.0	0.0	0.0	0.00	0.00	0.0	
3	1813.0	26.26	280.62	1767.5	54.5	-290.6	2.00	280.62	295.7	
4	3199.6	26.26	280.62	3011.0	167.6	-893.6	0.00	0.00	909.1	
5	4074.9	0.00	0.00	3856.0	203.9	-1087.3	3.00	180.00	1106.3	Gobernador 6M ICP
6	8346.9	0.00	0.00	8128.0	203.9	-1087.3	0.00	0.00	1106.3	Gobernador 6M PCP

FORMATION TOP DETAILS

TVDPath	MDPath	Formation
		Encinal
1281.1	1604.1	Nacimiento
2652.1	3129.3	Ojo Alamo
2784.1	3275.8	Kirtland
2866.1	3364.7	Fruitland
3404.1	3918.7	Pictured Cliffs
3460.1	3974.9	Lewis
4160.1	4674.9	Huerfanito Bentonite
4437.1	4951.9	Chacra
5030.1	5544.9	Upper Cliffhouse
5300.1	5814.9	Massive Cliffhouse
5338.1	5852.9	Menefee
5602.1	6116.9	Point Lookout
5954.1	6468.9	Mancos Shale
6833.1	7347.9	Upper Gallup
7581.1	8095.9	Greenhorn
7636.1	8150.9	Graneros
7732.1	8246.9	Two Wells
7782.1	8296.9	Upper Cubero
7798.1	8312.9	Lower Cubero



CONOCOPHILLIPS COMPANY
GOVERNADOR COM #6 M
1736' FNL & 843' FEL
LOCATED IN THE SE/4 NE/4 OF SECTION 15,
T29N, R5W, N.M.P.M.,
RIO ARriba COUNTY, NEW MEXICO

DIRECTIONS

- 1) FROM THE POST OFFICE IN BLANCO, TRAVEL EASTERLY FOR 31.1 MILES.
- 2) TURN LEFT AND GO THROUGH LOCKED GATE, TRAVEL 0.2 MILES.
- 3) CONTINUE LEFT, AND GO 0.3 MILES.
- 4) TURN RIGHT AND GO 0.1 MILES TO GATE.
- 5) KEEP ON ROAD FOR 0.4 MILES TO PAD, WHERE PAD IS TWINNED.

WELL FLAG LOCATED AT LAT. 36.72798° N, LONG. 107.33865° W (NAD 83).

