

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

MAR 10 2010

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

Bureau of Land Management

1a. Type of Work DRILL	5. Lease Number SF-078885 Unit Reporting Number NMMA-78383-D	
1b. Type of Well GAS	6. If Indian, All. or Tribe	
2. Operator BURLINGTON RESOURCES Oil & Gas Company, LP	7. Unit Agreement Name Canyon Largo Unit	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name RCVD MAR 23 '10 OIL CONS. DIV. DIST. 3	
4. Location of Well Unit J(NWSE), 1725' FSL & 1535' FEL Latitude: 36.411718° N (NAD83) Longitude: 107.450997° W	9. Well Number 292F 10. Field, Pool, Wildcat Basin Dakota 11. Sec., Twn, Rge, Mer. (NMPM) J Sec. 10, T25N, R6W API # 30-039- 30952	
14. Distance in Miles from Nearest Town 65 miles / Bloomfield	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1535'	17. Acres Assigned to Well 320.00 E/2 - DK	
16. Acres in Lease 2,403.320		
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 55' from Canyon Largo Unit 226 (P&A)		
19. Proposed Depth 7297'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6709' 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 (Regulatory Technician)	Date <u>3/10/2010</u>	

PERMIT NO.

APPROVAL DATE

APPROVED BY JD Mantecón

TITLE AFM

DATE 3/18/2010

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 4

Bond Numbers NMB-000015 and NMB-000089

This action is subject to technical and procedural review pursuant to 43 CFR 3165.5 and appeal pursuant to 43 CFR 3165.4

MAR 31 2010

NMOC

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

NOTIFY AFFECTED PARTIES
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 AND INDIAN 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-10
Revised October 12, 2010

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

MAR 09 2010

Bureau of Land Management
Burlington Field Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-30952	² Pool Code 71599	³ Pool Name BASIN DAKOTA
⁴ Property Code 6886	⁵ Property Name CANYON LARGO UNIT	⁶ Well Number 292F
⁷ OGRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	⁹ Elevation 6709'

¹⁰ Surface Location

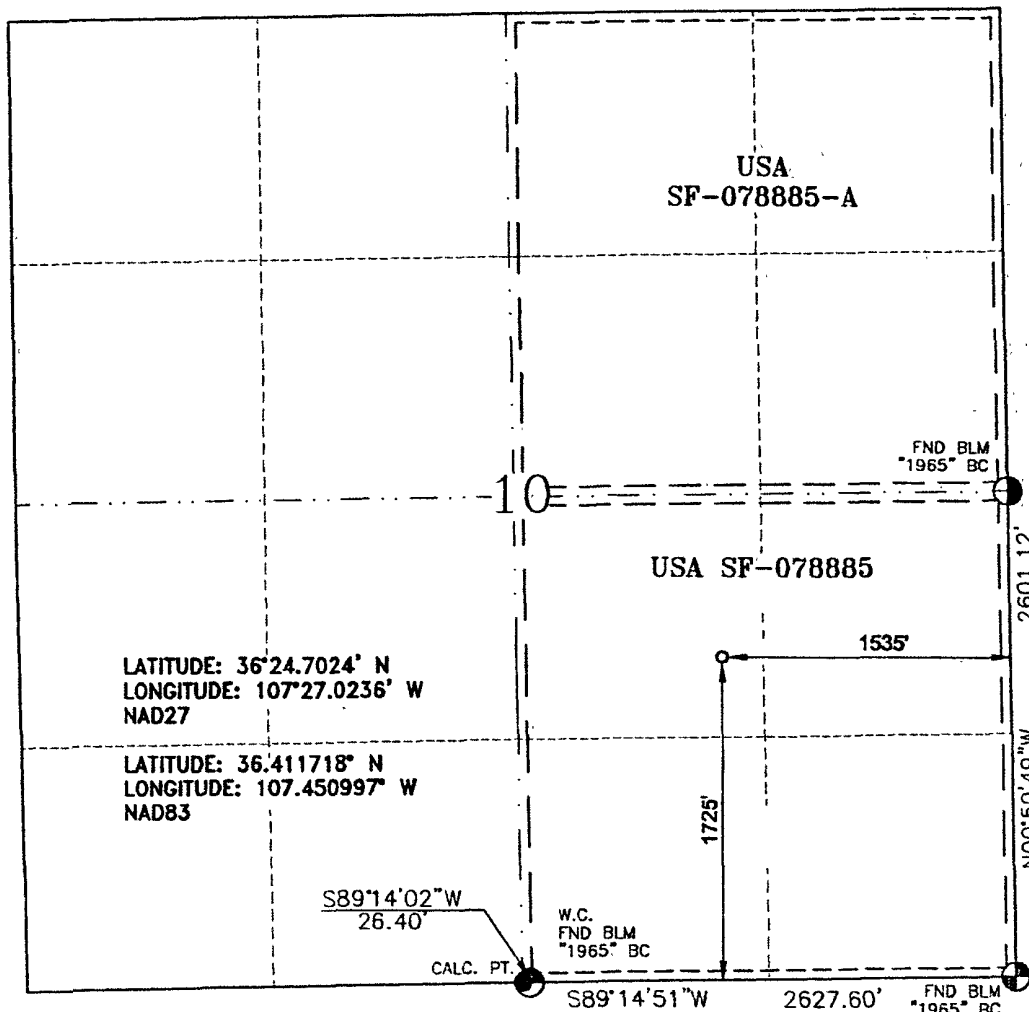
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	10	25-N	6-W		1725	SOUTH	1535	EAST	RIO ARriba

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
J									
¹² Dedicated Acres DK 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

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.

Crystal Tafoya 3/9/10
Signature
Crystal Tafoya 3/9/10
Printed Name

18 SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this 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.

7-30952
Date of Survey
Signature and Seal of Professional Surveyor
GLEN W. RUSSELL
NEW MEXICO
15703
LICENSED PROFESSIONAL SURVEYOR
Certificate Number 15703

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

CANYON LARGO UNIT 292F

DEVELOPMENT

Lease:		AFE #: WAN.CDR.9052		AFE \$: 1,189,576.96	
Field Name: SAN JUAN		Rig: XXX 2011 Holding Rig #1		State: NM	County: RIO ARRIBA
Geologist:		Phone:		Geophysicist:	
Geoscientist:		Phone:		Prod. Engineer:	
Res. Engineer:		Phone:		Proj. Field Lead:	
Primary Objective (Zones):					
Zone	Zone Name				
FRR	BASIN DAKOTA (PRORATED GAS)				
Location: Surface Datum Code: NAD 27 Straight Hole					
Latitude: 36.411707	Longitude: -107.450393	X:	Y:	Section: 10	Range: 006W
Footage X: 1535 FEL	Footage Y: 1725 FSL	Elevation: 6709	(FT)	Township: 025N	
Tolerance:					
Location Type: Year Round		Start Date (Est.): 1/1/2011		Completion Date:	
Formation Data: Assume KB = 6723		Units = FT			
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT
Surface Casing	320	6403	☐		
NACIMIENTO	1045	5678	☐		
OJO ALAMO	2131	4592	☐		
KIRTLAND	2304	4419	☐		
FRUITLAND	2413	4310	☐		Possible Gas
PICTURED CLIFFS	2785	3938	☐		
LEWIS	2853	3870	☐		
HUERFANITO BENTONITE	3171	3552	☐		
CHACRA	3633	3090	☐		
UPPER CLIFF HOUSE	4228	2495	☐		
MASSIVE CLIFF HOUSE	4390	2333	☐	735	
MENELEE	4429	2294	☐		
POINT LOOKOUT	4995	1728	☐		GAS
MANCOS	5309	1414	☐		
UPPER GALLUP	6026	697	☐		
GREENHORN	6920	-197	☐		
GRANEROS	6970	-247	☐		
TWO WELLS	7027	-304	☐	3035	Gas; Est. Top Perf - 7029 (-306)
PAGUATE	7068	-345	☐		
UPPER CUBERO	7111	-388	☐		
LOWER CUBERO	7143	-420	☐		
OAK CANYON	7170	-447	☐		
ENCINAL	7217	-494	☐		Est. Btm Perf - 7237 (-514) based on offset wells
BURRO CANYON	7251	-528	☐		TD - 80' below T/ENCN to allow for mud shoe
Total Depth	7297	-574	☐		7 7/8" hole, 4-1/2" 11.6 ppf, L-80/N-80 STC/LTC casing. Cement with 2147 cuft. Circulate cement to surface.
MORRISON	7323	-600	☐		

PROJECT PROPOSAL - New Drill / Sidetrack

CANYON LARGO UNIT 292F

DEVELOPMENT

Reference Wells:		
Reference Type	Well Name	Comments
Production	Canyon Largo 163	25N 6W 10 NE SW NE
Production	Canyon Largo 465E	25N 6W 10 SW NE SW
Production	Canyon Largo 292	25N 6W 10 NW SE NE
Production	Canyon Largo 203	25N 6W 10 SW NE SW

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 GRHN to TD - mudlogger will call TD.	
Mudlog to determine if gas show warrants completion in Encinal.	

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

Directions from the Intersection of
Hwy 550 & Hwy 64 in Bloomfield, NM

To:

Burlington Resources Oil & Gas Company LP
CANYON LARGO UNIT 292F

1725' FSL & 1535' FEL,
Section 10, T25N, R6W, N.M.P.M., Rio Arriba,
New Mexico

Latitude: 36° 24' 42.183" N
Longitude: 107° 27' 03.590" W
NAD 1983

Take Hwy 550 (south) for 1.0 miles to CR 4900
turn left (easterly) on CR 4900 15.0 miles to 5 Mile Bridge,
stay right @ intersection (southeasterly) for 3.2 miles,
across 10 mile bridge continue (southeasterly) 18.2 miles
to Old Largo Canyon School, Turn right (southeasterly) 2.5,
along Canyon Largo Wash 2.5 miles,
turn left (easterly) across Largo Wash 2.8 miles,
Turn hard right (westerly) 1.6 miles,
To the top of Gonzales Mesa,
Continue along road (southeast) 2.1 miles,
Turn tight (southwest) 0.2 miles,
Continue (southerly) 0.5 miles,
to beginning of access on left side of road,
turn left (southeast) 526' to newly staked location twinned with
P&A location (CANYON LARGO UNIT 226)