

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

NOV 12 2008

Bureau of Land Management
Farmington Field Office

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	5. Lease Number SF-077085 Unit Reporting Number	
1b. Type of Well GAS	6. If Indian, All. or Tribe	
2. Operator BURLINGTON RESOURCES Oil & Gas Company, LP	7. Unit Agreement Name 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 Omler 9. Well Number #100	
4. Location of Well Surf: Unit E (SWNW), 2015' FNL & 1025' FWL Surf: Latitude 36.634895 N. Longitude 107.852507 W.	10. Field, Pool, Wildcat Basin Fruitland Coal 11. Sec., Twn, Rge, Mer. (NMPM) E Sec. 25, T28N, R10W API # 30-045-34848	
14. Distance in Miles from Nearest Town 15 Miles/Bloomfield, NM	12. County San Juan	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1025'	17. Acres Assigned to Well FC 320.00 (W/2)	
16. Acres in Lease 2240		
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 295' from Omler A 5E		
19. Proposed Depth 2082'	20. Rotary or Cable Tools Rotary	
21. Elevations (DE, FT, GR, Etc.) 5808' GL	22. Approx. Date Work will Start DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS".	
23. Proposed Casing and Cementing Program See Operations Plan attached		
24. Authorized by: <u>Jamie Goodwin</u> Jamie Goodwin (Regulatory Technician)	11/10/08 Date	

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 2 Bond Numbers NMB-000015 and NMB-000089

DEC 17 2008

NMOCD

NOTIFY AZTEC OCD 24 HRS.
PRIOR TO CASING & CEMENT

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045-34848		*Pool Code 71629	*Pool Name BASIN FRUITLAND COAL
*Property Code 7373	*Property Name OMLER		*Well Number 100
*GRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP		*Elevation 5808'

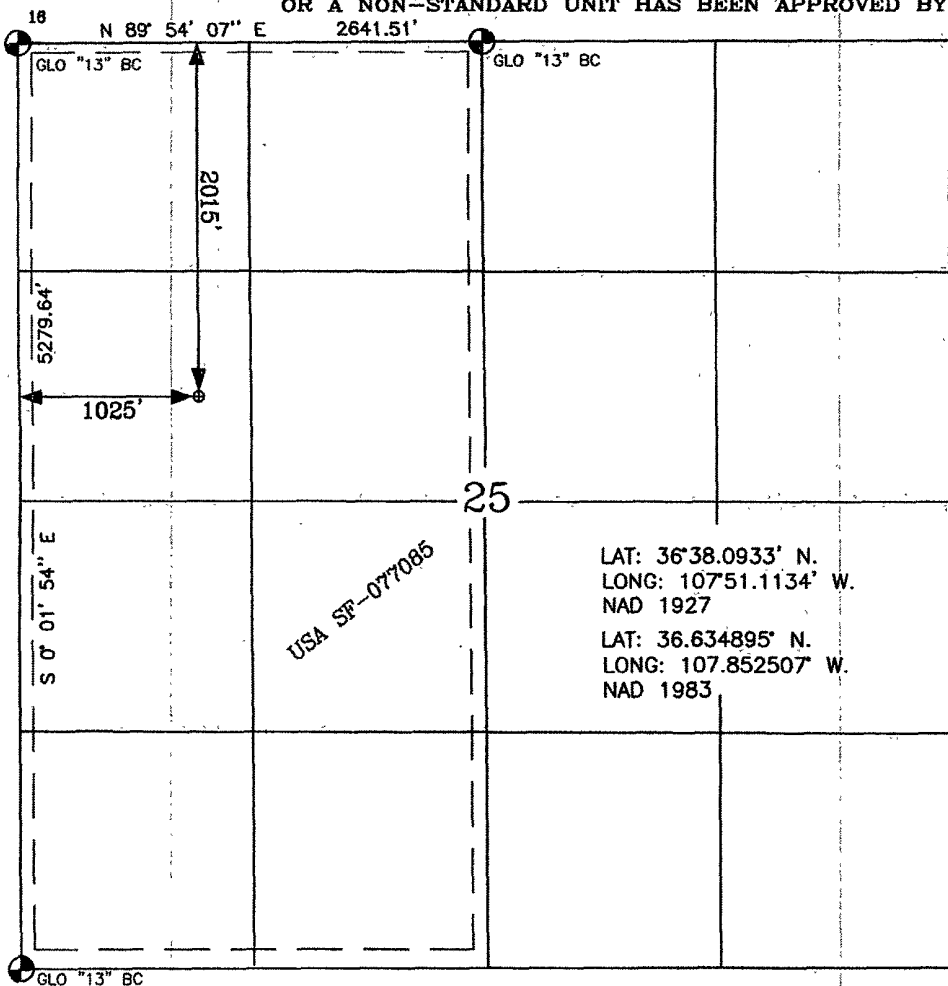
¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	25	28-N	10-W		2015'	NORTH	1025'	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
E									
¹² Dedicated Acres FC 320.0 ACRES W/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



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 7/15/08
Signature
Crystal Tafoya 7-15-08
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.

7-10-08
Date of Survey
Signature and Seal of Professional Surveyor:
NEW MEXICO
15703
LICENSED PROFESSIONAL SURVEYOR
Certificate Number 15703

COMPANY
Charge Code
WELL NAME
DUAL WELL
TRIPLE WELL

BURLINGTON RESOURCES	
WAN.RFE.PD08.E2	
OMLER # 100	DATE 7/14/2008
WELL NAME	
WELL NAME	

COORDINATES

SEC	TNSHP	RANGE	LATITUDE	LONGITUDE
E 25	28 N	10 W	36.634895 N	.852507 W

COUNTY

SAN JUAN

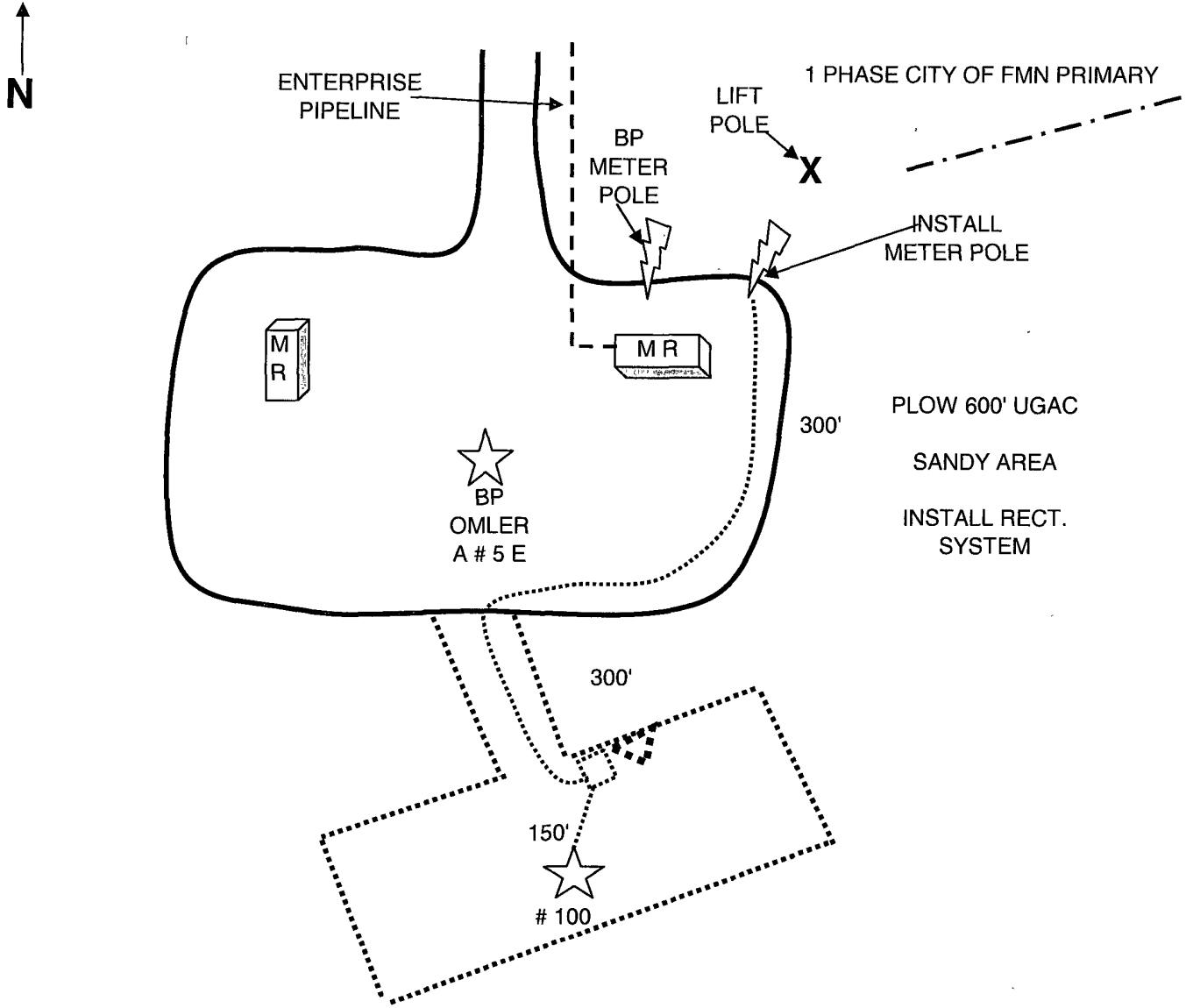
RECTIFIER
SOLAR
GROUND BED
240 V METER POLE
480 V METER POLE
D C CABLES
A C CABLES
PRIMARY POWER
DISTANCE TO POWER
UNDERGROUND
PUMPJACK
WATER PUMP

SIZE	NEEDED	EXISTING	1 PHASE	3 PHASE
30/12	X			
	X			
	X			
# 8	200'			
# 8	700'			
			CITY OF FMN	
			600'	

COMMENTS

SANDY AREA
1 PHASE CITY OF FMN 600'
PLOW 600' UGAC
INSTALL RECTIFIER SYSTEM
INSTALL METER POLE

WELL NAME
OMLER # 100



TANK	SEP OR DEHY	SOLAR	METER POLE	PUMP JACK	GND/BED	EXISTING CABLE
RECT	PIT	WELL	proposed solar/gb	PROPOSED CABLE	POWER LINE	
			FOREIGN PL		CONOCO PL	

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

OMLER 100

DEVELOPMENT

Lease:		AFE #: WAN.CDR.8151		AFE \$: 220,602.79	
Field Name: hBR_SAN JUAN	Rig: Aztec Rig 580	State: NM	County: SAN JUAN	API #:	
Geologist:	Phone:	Geophysicist:	Phone:		
Geoscientist: Clark, Dave D	Phone: +1 505-326-9762	Prod. Engineer:	Phone:		
Res. Engineer: Akwari, Bill N	Phone: +1 505-599-4076	Proj. Field Lead:	Phone:		

Primary Objective (Zones):

Zone	Zone Name
JCV	BASIN FRUITLAND COAL (GAS)

Location: Surface Datum Code: NAD 27

Latitude: 36.634888	Longitude: -107.851889	X:	Y:	Section: 25	Range: 010W
Footage X: 1025 FWL	Footage Y: 2015 FNL	Elevation: 5808 (FT)	Township: 028N		

Tolerance:

Location Type: Year Round Start Date (Est.): 1/1/2009 Completion Date: Date In Operation:

Formation Data: Assume KB = 5819 Units = FT

Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	120	5699	☐			8-3/4 hole. 7" 20 ppf, J-55 STC csg. Cement with 50 cuft. Circulate cement to surface.
OJO ALAMO	847	4972	☐			
KIRTLAND	961	4858	☐			
FRUITLAND	1548	4271	☐	300	Gas	
PICTURED CLIFFS	1882	3937	☐		Gas	
Total Depth	2082	3737	☐			6-1/4" hole. 4-1/2" 10.5 ppf, J-55, STC casing. Cement with 320 cuft. Circulate cement to surface.

Reference Wells:

Reference Type	Well Name	Comments
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Logging Program:

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

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

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 and Hwy 64,
in Bloomfield, NM
to

BURLINGTON RESOURCES OIL & GAS COMPANY LP
OMLER 100

2015' FNL & 1025' FWL,
Section 25, T28N, R10W, N.M.P.M., San Juan County,
New Mexico

Latitude: 36° 38' 05.62" N
Longitude: 107° 51' 09.03" W
Nad 83

Go south on Hwy 550 for 1.0 miles to CR 4990,
turn left (easterly) on CR 4990 (Sullivan Road) 8.5 miles,
turn right (southerly) 1.7 miles,
turn right (southwesterly) 3.1 miles,
turn left (southeasterly) 0.2 miles,
turn right @ y-intersec (southeasterly) 300',
turn right (southerly) 0.2 miles
to the newly staked location on south side of existing location,
Omler A 5E.