

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK 0 8 2008

1a. Type of Work DRILL	5. Lease Number USA SF - 077092-0000 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	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name Lackey A 9. Well Number #100	
4. Location of Well Surf: Unit F (SENW), 1330' FNL & 1922' FWL Surf: Latitude 36.74302 N Longitude 107.83901 W	10. Field, Pool, Wildcat Basin Fruitland Coal 11. Sec., Twn, Rge, Mer. (NMPM) F Sec. 12, T29N, R10W API # 30-045- 34869	
14. Distance in Miles from Nearest Town 2 miles/Blanco, NM	12. County San Juan	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1922'	17. Acres Assigned to Well 315.56 (W/2)	
16. Acres in Lease 807.840	18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 72' from Houck #3M - MV/DK	
19. Proposed Depth 2448'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 5782' GR	22. Approx. Date Work will Start	
23. Proposed Casing and Cementing Program See Operations Plan attached		
24. Authorized by: <u>Jamie Goodwin</u> Jamie Goodwin (Regulatory Technician)	<u>12/4/08</u> 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

JAN 29 2009

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

NMOCD

NOTIFY AZTEC OCD 24 HRS.
PRIOR TO CASING & CEMENT

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

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

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised October 12, 2005

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

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, NM 87505

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

RCVD JAN 22 '09
☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT OIL CONS. DIV.

*API Number 30-045-34869	*Pool Code 71629	*Pool Name BASIN FRUITLAND COAL DIST. 3
*Property Code 7238	*Property Name LACKEY A	*Well Number 100
*GRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	*Elevation 5782'

¹⁰ Surface Location

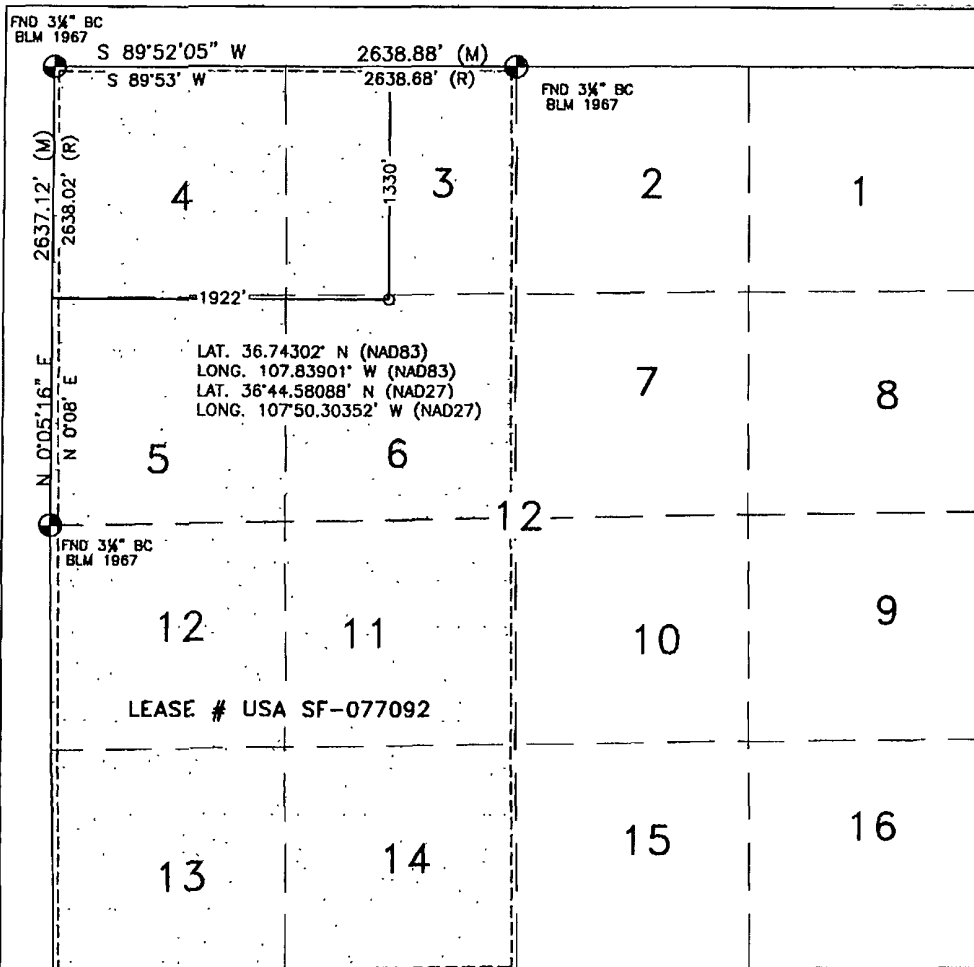
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	12	29N	10W	6	1330'	NORTH	1922'	WEST	SAN JUAN

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
Dedicated Acres 315.56 Acres - (W/2)			Joint or Infill		Consolidation Code		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 or a compulsory pooling order heretofore entered by the division.

Crystal Tafoya 1/21/09
Signature Date

Crystal Tafoya 1-21-09
Printed Name

18 SURVEYOR CERTIFICATION

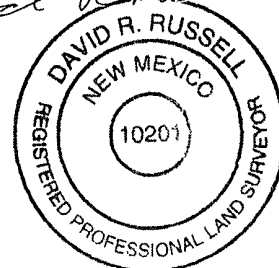
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

MAY 20, 2008

Date of Survey

Signature and Seal of Professional Surveyor:

David R. Russell



DAVID RUSSELL

Certificate Number 10201

COMPANY

BURLINGTON RESOURCES

Charge Code

WAN.RFE.PD08.C8

WELL NAME

LACKEY A # 100

DATE

6/4/2008

DUAL WELL

WELL NAME

LACKEY # 3 M

TRIPLE WELL

WELL NAME

COORDINATES

SEC	TNSHP	RANGE
F 12	29 N	10 W

LATITUDE

36.74302 N

LONGITUDE

107.83901 W

COUNTY

SAN JUAN

RECTIFIERSOLARGROUND BED240 V METER POLE480 V METER POLED C CABLESA C CABLESPRIMARY POWERDISTANCE TO POWERUNDERGROUNDPUMPJACKWATER PUMP

SIZE	NEEDED	EXISTING	1 PHASE	3 PHASE
40/16	X			
	X			
		X		
# 8	400'			
# 8	1100'			
			CITY OF FMN	
			800'	

COMMENTS

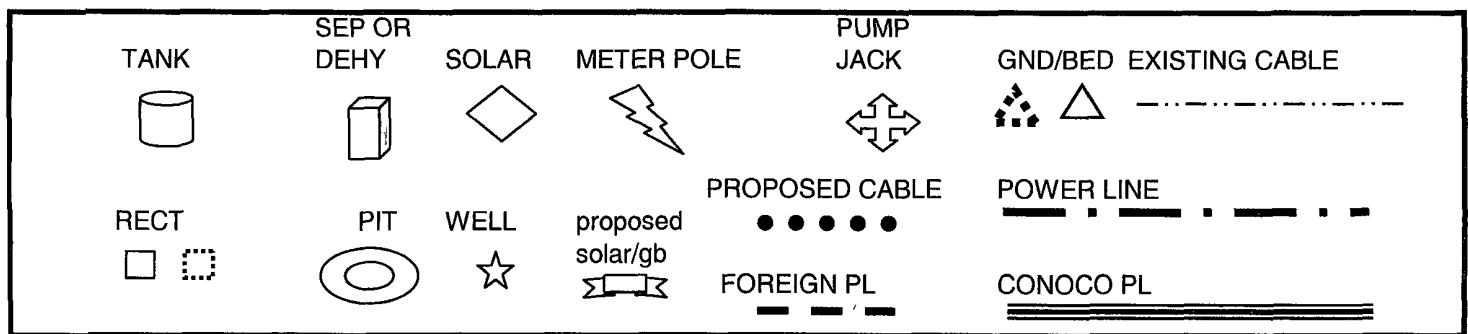
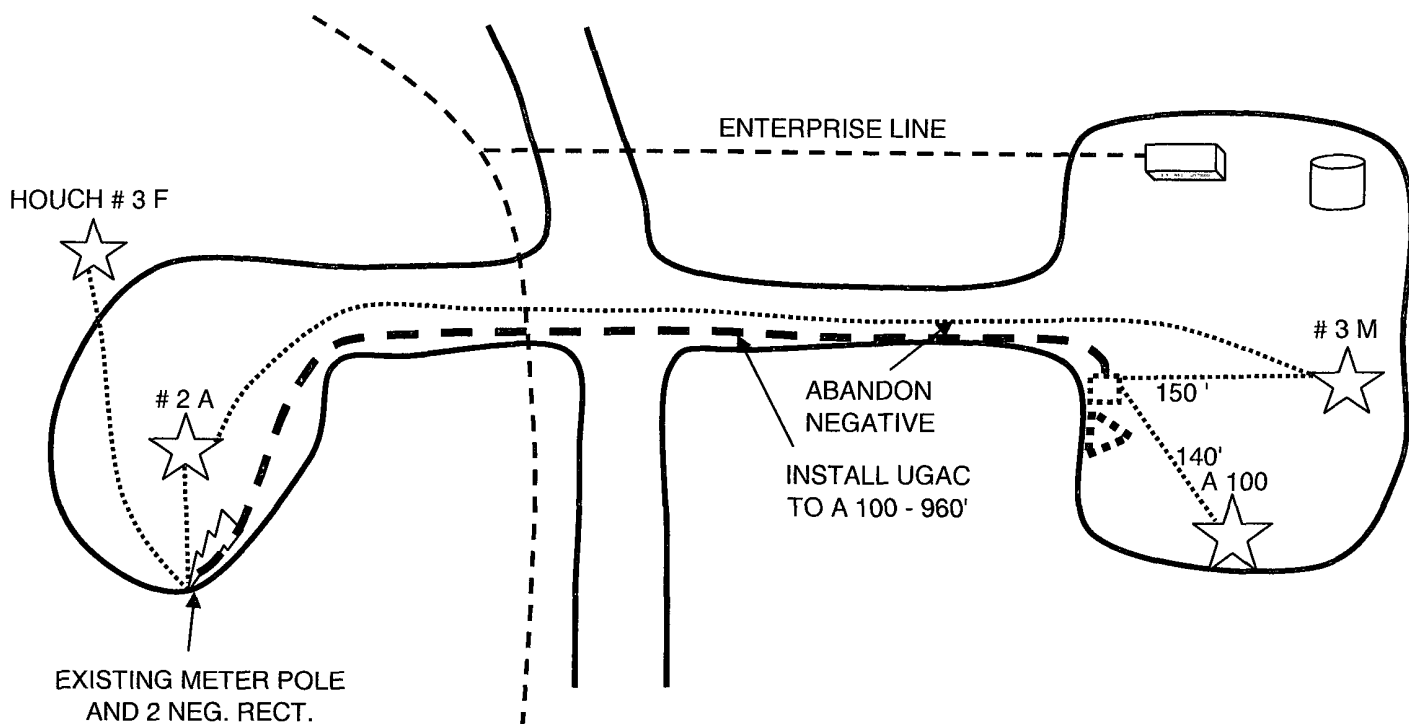
SANDY SOIL

1 PHASE CITY OF FMT PRIMARY - 800'

WILL END UP WITH 2 DUAL RECTIFIER SYSTEMS

LACKEY A # 100

WILL END UP WITH 2 DUAL SYSTEMS



PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

LACKEY A 100

DEVELOPMENT

Lease:		AFE #: WAN.CDR.8139		AFE \$: 240,637.39	
Field Name: hBR_SAN JUAN		Rig: Aztec Rig 580		State: NM	County: SAN JUAN
Geologist:		Phone:		Geophysicist:	
Geoscientist: Clark, Dave D		Phone: +1 505-326-9762		Prod. Engineer:	
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: 36.743015	Longitude: -107.838392	X:	Y:	Section: 12	Range: 010W
Footage X: 1922 FWL	Footage Y: 1330 FNL	Elevation: 5782	(FT)	Township: 029N	
Tolerance:					

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

Formation Data: Assume KB = 5793	Units = FT
----------------------------------	------------

Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	120	5673	<input type="checkbox"/>			8-3/4 hole. 7" 20 ppf, J-55 STC csg. Cement with 50 cuft. Circulate cement to surface.
OJO ALAMO	1038	4755	<input type="checkbox"/>			
FRUITLAND	1186	4607	<input type="checkbox"/>			
FRUITLAND	1875	3918	<input type="checkbox"/>	300	Gas	
PICTURED CLIFFS	2248	3545	<input type="checkbox"/>		Gas	
Total Depth	2448	3345	<input type="checkbox"/>			6-1/4" hole. 4-1/2" 10.5 ppf, J-55, STC casing. Cement with 376 cuft. Circulate cement to surface.

Reference Wells:		
Reference Type	Well Name	Comments

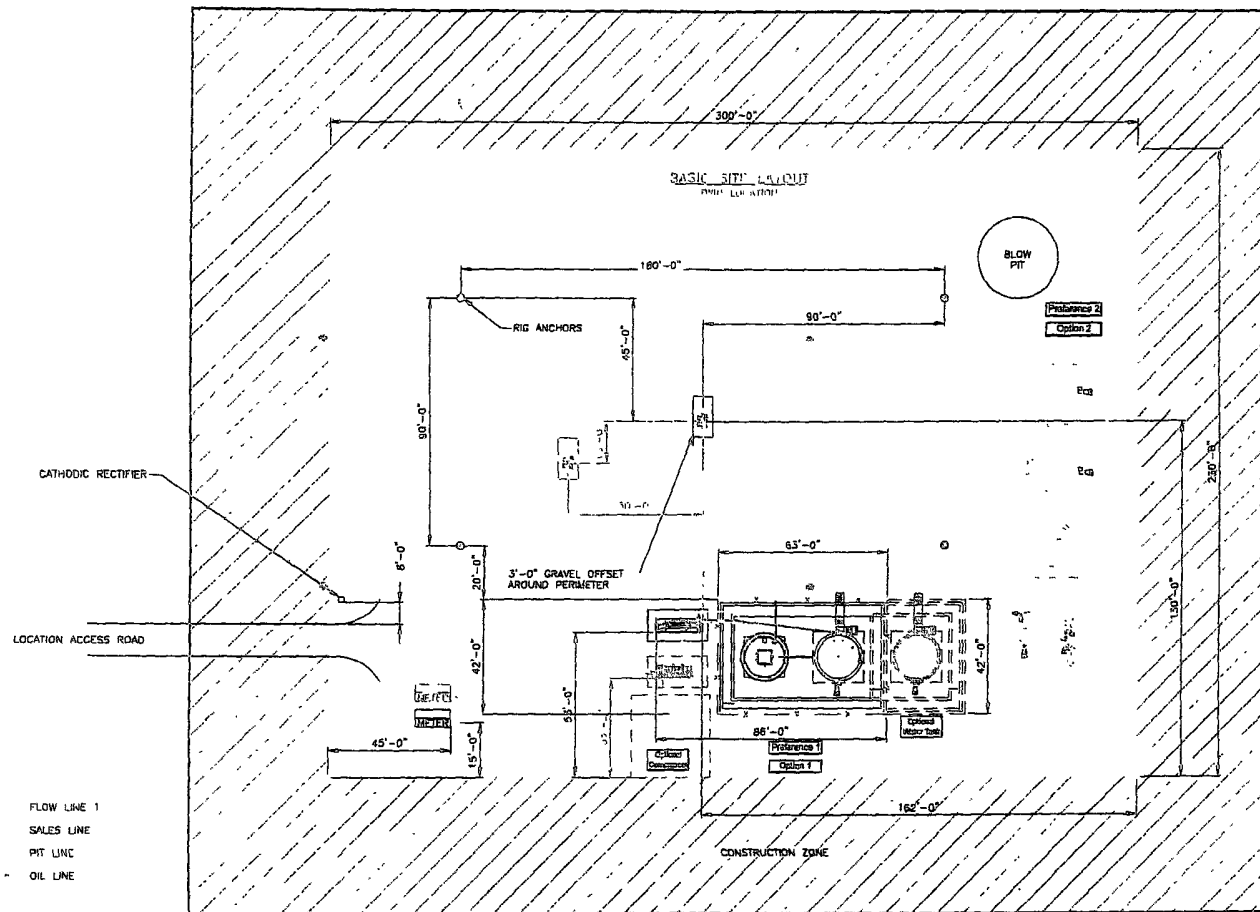
Logging Program:	
------------------	--

Intermediate Logs:	<input type="checkbox"/> Log only if show	<input type="checkbox"/> GR/ILD	<input type="checkbox"/> Triple Combo
--------------------	---	---------------------------------	---------------------------------------

TD Logs:	<input type="checkbox"/> Triple Combo	<input type="checkbox"/> Dipmeter	<input type="checkbox"/> RFT	<input type="checkbox"/> Sonic	<input type="checkbox"/> VSP	<input type="checkbox"/> TDT
----------	---------------------------------------	-----------------------------------	------------------------------	--------------------------------	------------------------------	------------------------------

Additional Information:					
-------------------------	--	--	--	--	--

Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks
----------	-------	-----------	---------	----------------	---------



SEE SHEET 3 & 4 FOR PENDING DETAILS
ALL UNDERGROUND HP3 IS TO BE BURIED A MIN. OF 3'-0" TOP

SHEET 1 OF 5

										ENGINEERING REVIEW			REFERENCE DRAWINGS		CONOCO PHILLIPS HIGH PRESSURE 3 PHASE FACILITY DIAGRAM- SITE LAYOUT	
										DESIGNER	REVISOR	DATE	NO.	DESCRIPTION		
										PROCESS						SAN JUAN BUSINESS UNIT
										MECHANICAL						
										PIPEING						
										ELECTRICAL						
										I & C						
										CIVIL/STRUCTURAL						CLIENT NO. CLIENT APPR. CLIENT DATE: 6/29/97
										PROJECT						
DESCRIPTION	DATE	BY	CHK'D	CHK	USED	PLT							CLIENT NO.	CLIENT APPR.	CLIENT DATE: 6/29/97	SHEET NO. 1 OF 5

BURLINGTON RESOURCES O&G CO LP

LACKEY A #100
1330' FNL & 1922' FWL
LOCATED IN THE SE/4 NW/4 OF SECTION 12,
T29N, R10W, N.M.P.M.,
SAN JUAN COUNTY, NEW MEXICO

DIRECTIONS

-) FROM HWY 64 & ROAD 575 IN BLANCO, NM., GO NORTH WEST ON ROAD 575 FOR 0.9 MILES.
-) TURN RIGHT, GO 0.5 MILES.
-) TURN LEFT, GO 0.35 MILES.
-) TURN RIGHT FOR 0.1 MILE TO EXISTING LOCATION THAT IS TWINNED.

WELL FLAG LOCATED AT LAT. 36.74302°N, LONG. 107.83901°W (NAD 83).