

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

FEB 09 2009

1a. Type of Work DRILL	5. Lease Number NM-012708 Unit Reporting Number	Bureau of Land Management Farmington Field Office
1b. Type of Well GAS	6. If Indian, All. or Tribe	
2. Operator BURLINGTON RESOURCES Oil & Gas Company, LP	7. Unit Agreement Name	RCUD APR 2 '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 Lively 9. Well Number 25M	
4. Location of Well Surf: Unit B (NWNE), 1262' FNL & 1825' FEL BHL: Unit F (SENW), 1980' FNL & 1600' FWL Surf: Latitude: 36.78599 N Longitude: 107.69630 W BHL: Latitude: 36.78381 N Longitude: 107.70080 W	10. Field, Pool, Wildcat Basin DK / Blanco MV 11. Sec., Twn, Rge, Mer. (NMPM) Surf: Sec. 29, T30N, R8W BHL: Sec. 29, T30N, R8W API # 30-045-34908	
14. Distance in Miles from Nearest Town 12 mile/Blanco	12. County San Juan	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1262'		
16. Acres in Lease 904.310	17. Acres Assigned to Well DK/MV 281.24 (W/2)	
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 363' from Gartner 2 (PC)		
19. Proposed Depth 7430'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6188' 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>James Gardenhire</u> James Gardenhire (Regulatory Technician)	<u>2-9-09</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 3

Bond Numbers NMB-000015 and NMB-000089

Hold C104

for Directional Survey
and "As Drilled" plat

NOTIFY AZTEC OCD 24 HRS
PRIOR TO CASING & CEMENT

NMOCD

APR 07 2009

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045- <u>34908</u>	² Pool Code 71599 / 72319	³ Pool Name BASIN DAKOTA/BLANCO MESAVERDE
⁴ Property Code 18182	⁵ Property Name LIVELY	⁶ Well Number 25 M
⁷ GRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL AND GAS COMPANY LP	⁹ Elevation 6188'

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
B	29	30N	8W	2	1262'	NORTH	1825'	EAST	SAN JUAN

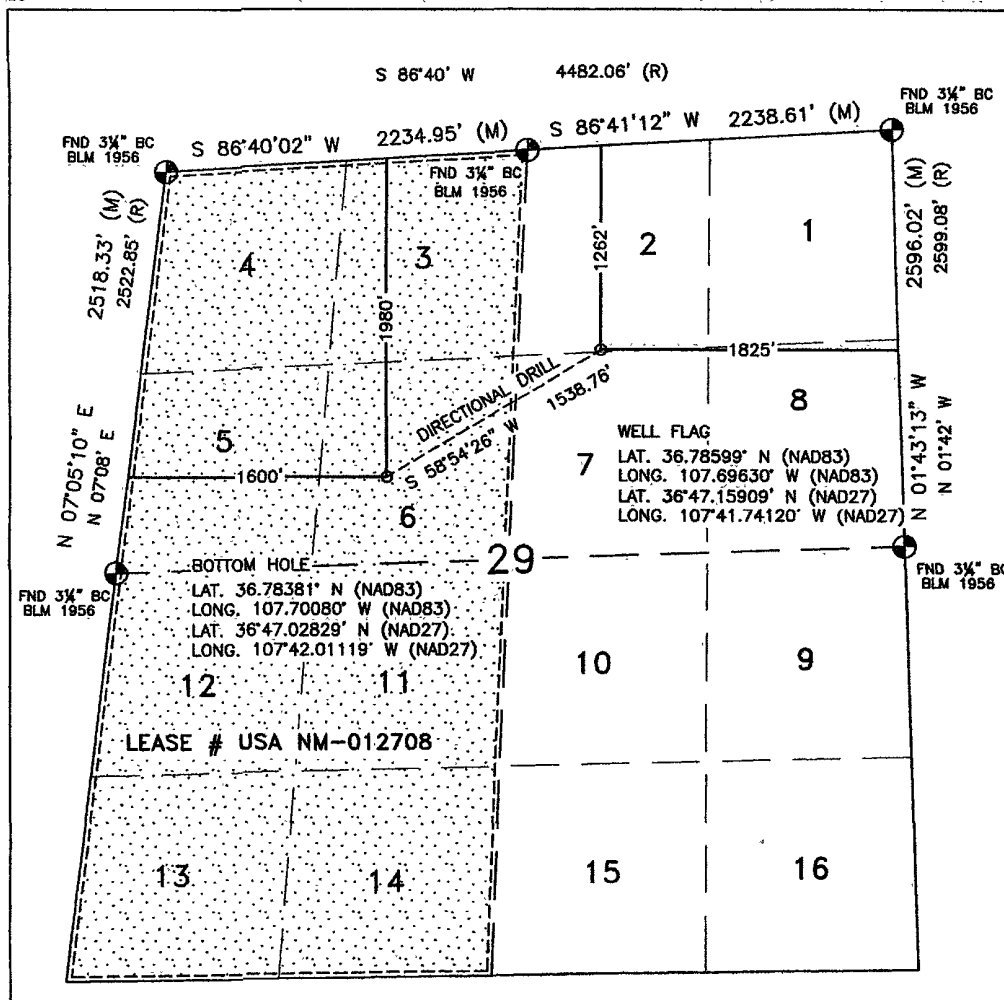
¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	29	30N	8W	6	1980'	NORTH	1600'	WEST	SAN JUAN

¹² Dedicated Acres 281.24 Acres - (W/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

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.

James Gardenhire 02/06/09
Signature Date

James Gardenhire
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.

OCTOBER 10, 2007

Date of Survey

Signature and Seal of Professional Surveyor:

David R. Russell



DAVID RUSSELL

Certificate Number

10201

COMPANY

BURLINGTON RESOURCES

Charge Code

WAN.RFE.PDO7.FB

WELL NAME

LIVELY # 25 M

DATE

1/30/2008

DUAL WELL

WELL NAME

TRIPLE WELL

WELL NAME

COORDINATES

SEC

TNSHP

RANGE

LATITUDE

LONGITUDE

B 29

30 N

8 W

36.78599 N

107.69630 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

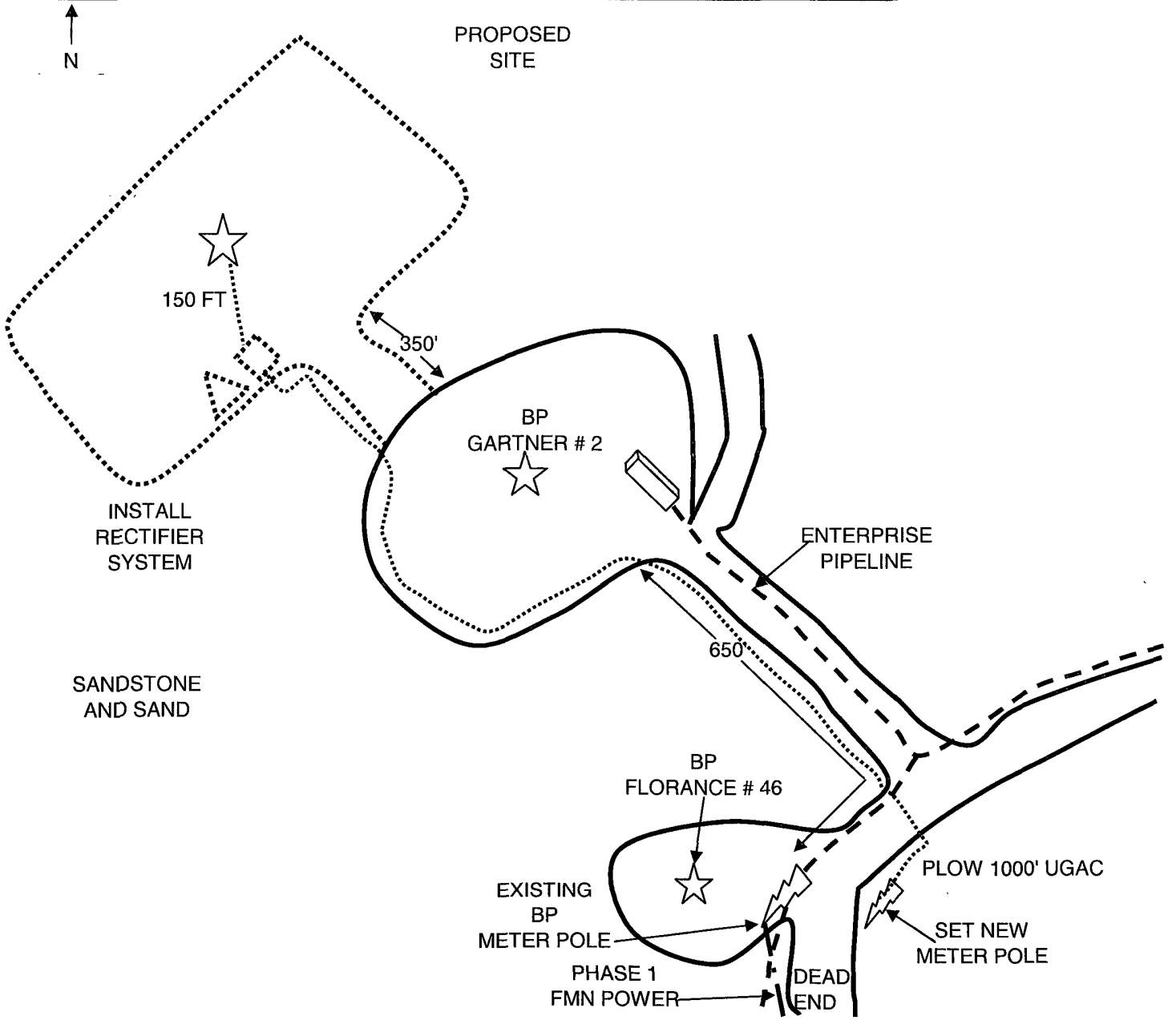
SIZE	NEEDED	EXISTING	1 PHASE	3 PHASE
30/12	X			
	X			
100 A	X			
# 8	200'			
# 8	1000'			
			FMN	
			1000'	

COMMENTS

INSTALL METER POLE - PLOW 1000 FT UGAC TO LOC - SAND & SAND STONE

INSTALL RECTIFIER SYSTEM - NEED TO GO THROUGH BP LOCATION

WELL NAME	LIVELY # 25 M
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TANK	SEP OR DEHY	SOLAR	METER POLE	PUMP JACK	GND/BED	EXISTING CABLE
						
RECT	PIT	WELL	proposed solar/gb	PROPOSED CABLE	POWER LINE	CONOCO PL
						
			FOREIGN PL			
						

PROJECT PROPOSAL - New Drill/ Sidetrack

San Juan Business Unit

LIVELY 25M

DEVELOPMENT

Lease:		AFE #: WAN.CDR.7301				AFE \$:	
Field Name: hBR_SAN JUAN		Rig: H&P Rig 282		State: NM	County: SAN JUAN		API #:
Geologist:		Phone:		Geophysicist:		Phone:	
Geoscientist:		Phone:		Prod. Engineer:		Phone:	
Res. Engineer: McKee, Cory J		Phone: +1 505-326-9826		Proj. Field Lead:		Phone:	
Primary Objective (Zones):							
Zone	Zone-Name						
FRR	BASIN DAKOTA (PRORATED GAS)						
RON	BLANCO MESAVERDE (PRORATED GAS)						
Location: Surface Datum Code: NAD 27 Straight Hole							
Latitude: 36.785985		Longitude: -107.695687		X:	Y:	Section: 29	Range: 008W
Footage X: 1825 FEL		Footage Y: 1262 FNL		Elevation: 6188 (FT)		Township: 030N	
Tolerance:							
Location: Bottom Hole Datum Code: NAD 27 Straight Hole							
Latitude: 36.783805		Longitude: -107.700187		X:	Y:	Section: 29	Range: 008W
Footage X: 1600 FWL		Footage Y: 1980 FNL		Elevation: (FT)		Township: 030N	
Tolerance:							
Location Type: Year Round		Start Date (Est.): 1/1/2009		Completion Date:		Date In Operation:	
Formation Data: Assume KB = 6203		Units = FT					
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks	
Surface Casing	215	5988	☐			12-1/4" hole. 9-5/8", 32.3 ppf, H-40, STC casing. Cement with 170 cubic ft. Circulate cement to surface.	
OJO ALAMO	1745	4458	☐				
KIRTLAND	1921	4282	☐				
FRUITLAND	2405	3798	☐			Possible Gas	
PICTURED CLIFFS	2905	3298	☐				
LEWIS	3039	3164	☐				
HUERFANITO BENTONITE	3602	2601	☐				
CHACRA	3895	2308	☐				
Intermediate Casing	4500	1703	☐			8-3/4" hole. 7", 23 ppf, L-80, LTC Casing. Cement with 1087 cubic ft. Circulate cement to surface.	
MASSIVE CLIFF HOUSE	4617	1586	☐	316		Gas	
MENEFEE	4693	1510	☐				
MASSIVE POINT LOOKOUT	5069	1134	☐				
MANCOS	5463	740	☐				
UPPER GALLUP	6358	-155	☐				
GREENHORN	7080	-877	☐				
GRANEROS	7137	-934	☐				
TWO WELLS	7186	-983	☐	2180		Gas	
PAGUATE	7277	-1074	☐				
UPPER CUBERO	7311	-1108	☐				
LOWER CUBERO	7335	-1132	☐				
ENCINAL	7403	-1200	☐				

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

LIVELY 25M

DEVELOPMENT

Total Depth	7430	-1227	☐	6-1/4" hole. 4-1/2", 11.6 ppf, L-80, LTC casing. Cement with 402 cubic ft. Circulate cement a minimum of 100' inside previous casing string.
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Reference Wells:		
Reference Type	Well Name	Comments
Production	Lively 25	
Production	Gartner 3	

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

TD Logs:	☐ Triple Combo	☐ Dipmeter	☐ RFT	☐ Sonic	☐ VSP	☐ TDT	☒ Other
GR_CBL. Mudlogger begin 100' above Greenhorn. Mudlogger call TD. Bottom perf 20' above TD.							

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

ConocoPhillips or its affiliates

Planning Report

Database:	EDM Central Planning	Local Co-ordinate Reference:	Well Lively #25M
Company:	ConocoPhillips SJB	TVD Reference:	WELL @ 6203.0ft (Rig: RKB)
Project:	San Juan Basin - New Mexico Wells	MD Reference:	WELL @ 6203.0ft (Rig: RKB)
Site:	Directional Wells	North Reference:	True
Well:	Lively #25M	Survey Calculation Method:	Minimum Curvature
Wellbore:	Lively #25M		
Design:	Planned		

Formations						
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)	
1,806.1	1,745.0	Ojo		0.00		
2,004.0	1,921.0	Kirtland		0.00		
2,548.0	2,405.0	Fruitland		0.00		
3,110.1	2,905.0	Pictured Cliffs		0.00		
3,260.7	3,039.0	Lewis		0.00		
3,893.6	3,602.0	Huerfano Bentonite		0.00		
4,212.8	3,895.0	Chacra		0.00		
4,945.4	4,617.0	Mass Cliffhouse		0.00		
5,021.4	4,693.0	Menefee		0.00		
5,397.4	5,069.0	Point Lookout		0.00		
5,791.4	5,463.0	Mancos		0.00		
6,686.4	6,358.0	Upper Gallup		0.00		
7,408.4	7,080.0	Greenhorn		0.00		
7,465.4	7,137.0	Graneros		0.00		
7,514.4	7,186.0	Two Wells		0.00		
7,605.4	7,277.0	Paguate		0.00		
7,639.4	7,311.0	Upper Cubero		0.00		
7,663.4	7,335.0	Lower Cubero		0.00		
7,731.4	7,403.0	Encinal		0.00		

BURLINGTON RESOURCES O&G CO LP

LIVELY #25 M

1262' FNL & 1825' FEL

LOCATED IN THE NW/4 NE/4 OF SECTION 29,

T30N, R8W, N.M.P.M.,

SAN JUAN COUNTY, NEW MEXICO

DIRECTIONS

- 1) FROM POST OFFICE IN BLANCO, GO EAST 7.7 MILES ON HWY 64 TO MP 81.5.
- 2) TURN LEFT, GO NORTHEASTERLY 1.0 MILES.
- 3) TURN LEFT, GO NORTHERLY 2.4 MILES.
- 4) TURN LEFT, GO WESTERLY 0.5 MILES.
- 5) TURN RIGHT, GO NORTHERLY 0.5 MILES INTO LOCATION, BEGIN ACCESS IS ON WEST SIDE OF PAD, FOLLOW THE RED FLAGGING 120' TO WELL PAD.

WELL FLAG LOCATED AT LAT. 36.78599°N, LONG. 107.69630°W (NAD 83)

