

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL		5. Lease Number SF-077111 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 RCVD JUN 8 '10 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 Storey C 9. Well Number 101	
4. Location of Well Surf: Unit D(NWNW), 920' FNL & 833' FWL Surf: Latitude: 36.623233° N (NAD83) Longitude: 107.782101° W		10. Field, Pool, Wildcat Basin Fruitland Coal 11. Sec., Twn, Rge, Mer. (NMPM) Sec. 34, T28N, R9W API # 30-045-35099	
14. Distance in Miles from Nearest Town 13 miles / Blanco	12. County San Juan	13. State NM	
15. Distance from Proposed Location to Nearest Property or Lease Line 833'		17. Acres Assigned to Well 320.00 N/2 - FC	
16. Acres in Lease 2,575.130	20. Rotary or Cable Tools Rotary		
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 85' from Lackey 9 - CH		22. Approx. Date Work will Start DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS".	
19. Proposed Depth 2559'	21. Elevations (DF, FT, GR, Etc.) 6218' GL		
23. Proposed Casing and Cementing Program See Operations Plan attached		24. Authorized by: <u>Crystal Tafoya</u> Crystal Tafoya (Regulatory Technician)	

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY [Signature] TITLE AFM DATE 6/7/2010

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 2

Bond Numbers NMB-000015 and NMB-000089

JUN 11 2010

NMOCD

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

1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 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 - 7 Copies
Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045- 35099	² Pool Code 71629	³ Pool Name BASIN FRUITLAND COAL
⁴ Property Code 7552	⁵ Property Name STOREY C	⁶ Well Number 101
⁷ OGRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	⁹ Elevation 6218

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	34	28-N	9-W		920	NORTH	833	WEST	SAN JUAN

UL or lot no. D	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
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12	Dedicated Acres 320.00 (N/2)	13	Joint or Infill	14	Consolidation Code	15	Order No.
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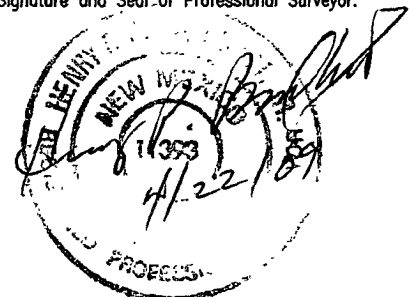
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Crystal Tafoya
Printed Name
Regulatory Technician

Date _____

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.

Date of Survey: 3/18/09
Signature and Seal of Professional Surveyor:



Certificate Number: NM 11393

PROJECT PROPOSAL - New Drill / Sidetrack

STOREY C 101

DEVELOPMENT

Lease:		AFE #: WAN.CDR.8541		AFE \$: 819,603.82	
Field Name: SAN JUAN		Rig: H&P Rig 283		State: NM	County: SAN JUAN
Geologist:		Phone:	Geophysicist:		Phone:
Geoscientist:		Phone:	Prod. Engineer:		Phone:
Res. Engineer:		Phone:	Proj. Field Lead:		Phone:

Primary Objective (Zones):

Zone	Zone Name
JCV	BASIN FRUITLAND COAL (GAS)

Location: Surface Datum Code: NAD 27 Straight Hole

Latitude: 36.623226	Longitude: -107.781486	X:	Y:	Section: 34	Range: 009W
Footage X: 833 FWL		Footage Y: 920 FNL		Elevation: 6218 (FT)	Township: 028N
Tolerance:					

Location Type: Year Round	Start Date (Est.): 1/1/2010	Completion Date:	Date In Operation:
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Formation Data: Assume KB = 6229	Units = FT
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Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	200	6029	<input type="checkbox"/>			8-3/4 hole. 7" 20 ppf, J-55 STC csg. Cement with 77 cuft. Circulate cement to surface.
OJO ALAMO	1312	4917	<input type="checkbox"/>			
KIRTLAND	1451	4778	<input type="checkbox"/>			
FRUITLAND	1883	4346	<input type="checkbox"/>	129		Gas
PICTURED CLIFFS	2359	3870	<input type="checkbox"/>			Gas; TD - 200' below T/PCCF
Total Depth	2559	3670	<input type="checkbox"/>			6-1/4" hole. 4-1/2" 10.5 ppf, J-55, STC casing. Cement with 390 cuft. Circulate cement to surface.

Reference Wells:

Reference Type	Well Name	Comments
Production	Lackey 9	28N 9W 34 SE NW NW
Production	Lackey 8	28N 9W 27 NE SW 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

Additional Information:

Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks
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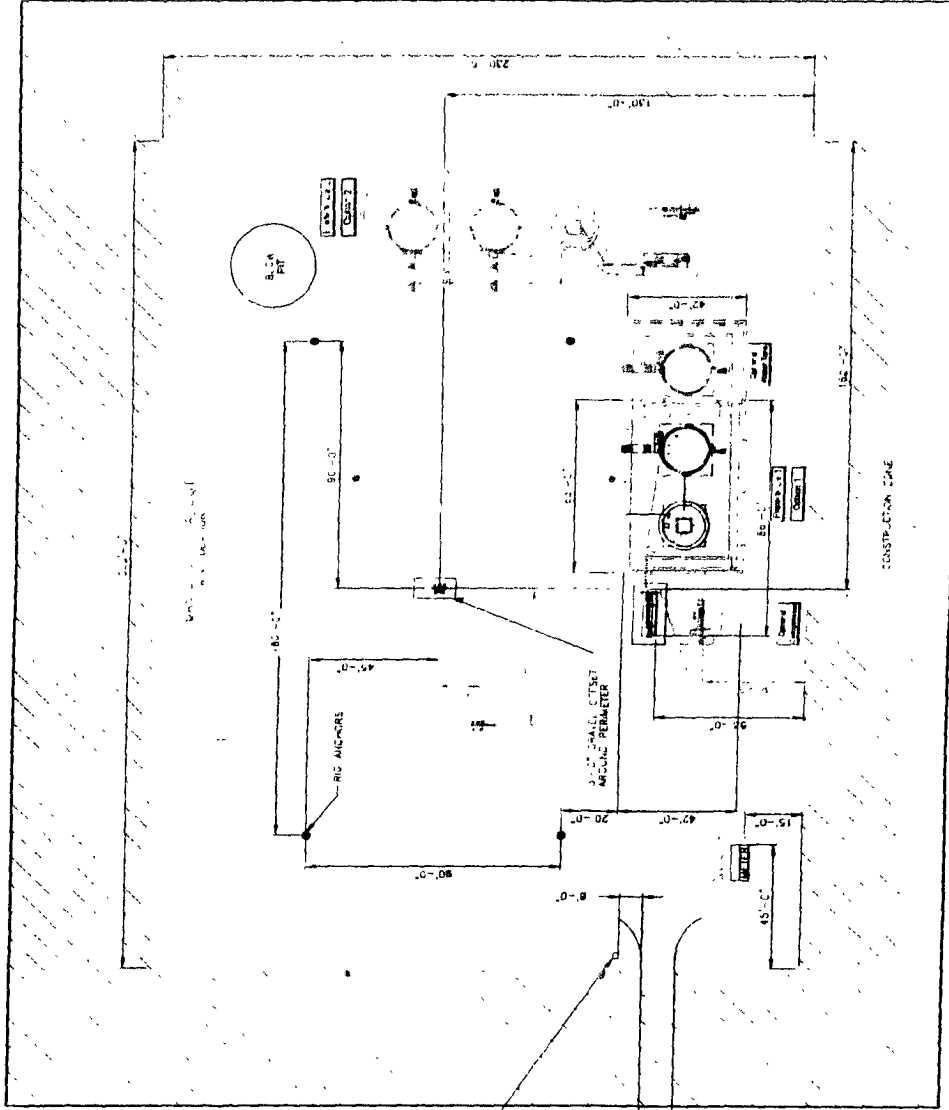
Comments: Location/Tops/Logging - FCNM028N009W34NW1 Avoid C - Storey C 12 (active PC) is located there. Could do a vertical twin on the far side of Storey C 11A (MV) away from Storey C 12 (PC), else prefer D, E, F. Topo is rough.

Zones - FCNM028N009W34NW1

General/Work Description - 6/8/09-RAM will NOT pursue a recompleat see Doc Mgmt wfp

3/31/09-Will pursue as NSL per MMegorden (see doc mgmt)

1/30/09-GW test well needed per const wfn-3/27/09-results of GW test = 109 ft wfn (use these results for the Storey C 101S)



ALL DIMENSIONS ARE IN FEET AND INCHES
 ALL DIMENSIONS ARE TO BE BUILT UP TO 1'-0\"/>

SHEET 22 OF 22

CONSTRUCTION DATA									
NO.	DESCRIPTION	DATE	BY	CHKD.	APP'D.	REVISION	REVISION	REVISION	REVISION
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ConocoPhillips

SAN JUAN BUSINESS UNIT

PHASE 3
 FACILITY DIAGRAM - SITE LAYOUT

DATE: 10/1/00
 DRAWN BY: J. L. BROWN
 CHECKED BY: J. L. BROWN
 APPROVED BY: J. L. BROWN

BURLINGTON RESOURCES OIL & GAS COMPANY LP

**STOREY C 101
920' FNL, 833' FWL
SECTION 34, T-28-N, R-9-W, N.M.P.M.,
SAN JUAN COUNTY, NEW MEXICO
NAD 83 LAT.: 36.623233°N LONG.: 107.782101°W
ELEV.: 6218 NAVD88
NEW ACCESS 81.4'**

FROM BLANCO, N.M ON HWY. 64:

- GO 1.3 MI. EAST ON HWY. 64 TO MILE POST 74.
- TURN RIGHT ON C.R. 4450 (LARGO CANYON).
- GO 4.2 MI. SOUTH, AND CROSS LARGO WASH AT "5 MILE BRIDGE".
- AFTER CROSSING LARGO WASH, GO ANOTHER 3.0 MI. SOUTHEAST. TURN RIGHT ON C.R. 7007 (7.2 MI. FROM HWY. 64), ENTERING BLANCO CANYON.
- GO 2.0 MI. SOUTH ON C.R. 7007 AND TURN RIGHT INTO CANYON NEAR "PINK" COLORED HOUSE.
- GO 2.8 MI. WESTERLY INTO CANYON, CROSSING WASH AND CLIMBING ONTO SOUTH EDGE OF CANYON. TURN LEFT AFTER SWITCH BACK IN ROAD.
- GO 100 FT. NORTHWEST, PASSING PLUGGED AND ABANDONED WELL (LACKEY 9) TO EXISTING LOCATION FOR STOREY C 11A. NEW WELL STAKED HERE.