

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

MAY 14 2008

Bureau of Land Management  
Farmington Field Office

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

RCVD SEP 9 '08  
OIL CONS. DIV.  
DIST. 2

1a. Type of Work DRILL	5. Lease Number USA NM-08475-84075 Unit Reporting Number
1b. Type of Well GAS	6. If Indian, All. or Tribe
2. Operator <b>BURLINGTON</b> 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 McClure 9. Well Number #100S
4. Location of Well Unit H (SENE), 1970' FNL & 1040' FEL  Latitude 36.74200 N Longitude 107.97346 W	10. Field, Pool, Wildcat Basin FC/Blanco PC  11. Sec., Twn, Rge, Mer. (NMPM) Sec. 10, T29N, R11W  API # 30-045-34716
14. Distance in Miles from Nearest Town 3 mile/Bloomfield	12. County San Juan 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1040'	
16. Acres in Lease 80.000	17. Acres Assigned to Well FC 320 (N/2) PC 160 (NE/4)
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 1702' from the Julander Gas Com 1	
19. Proposed Depth 2137' This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 5647' 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>Sasha Spangler</u> Sasha Spangler (Regulatory Technician)	<u>5-14-08</u> Date

PERMIT NO.	APPROVAL DATE
APPROVED BY: <u>[Signature]</u>	TITLE <u>AFM</u>
	DATE <u>9/5/08</u>

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

A COMPLETE C-144 MUST BE SUBMITTED TO AND APPROVED BY THE NMOCD FOR: A PIT, CLOSED LOOP SYSTEM, BELOW GRADE TANK, OR PROPOSED ALTERNATIVE METHOD, PURSUANT TO NMOCD PART 19.15.17, PRIOR TO THE USE OR CONSTRUCTION OF THE ABOVE APPLICATIONS.

NMOCD

RCVD SEP 11 '08

OIL CONS. DIV.  
DIST. 3

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

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

DISTRICT II  
1301 W. Grand Ave., Artesia, N.M. 88210

DISTRICT III  
1000 Rio Branco Rd., Artesia, N.M. 87410

DISTRICT IV  
1220 South 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

# WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-045-34716	<sup>2</sup> Pool Code 71629/71280	<sup>3</sup> Pool Name BASIN FRUITLAND COAL/AZTEC PICTURED CLIFFS
<sup>4</sup> Property Code 7298	<sup>5</sup> Property Name McCLURE	<sup>6</sup> Well Number 100S
<sup>7</sup> GRID No. 14538	<sup>8</sup> Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	<sup>9</sup> Elevation 5647

## <sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	10	29-N	11-W		1970	NORTH	1040	EAST	SAN JUAN

## <sup>11</sup> 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
H									
<sup>12</sup> Dedicated Acres PC - 320 acres (N/2) PC - 160 acres (NE/4)			<sup>13</sup> Joint or Infill		<sup>14</sup> Consolidation Code		<sup>15</sup> 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

FD. 3 1/4" BC. 1997 B.L.M.	N 89-58-47 W 5311.70' (M)	FD. 3 1/4" BC. 1997 B.L.M.
USA NM-03486-A		
PEARL WATSON	USA-NM-084075	McCLURE, et ux
	10	USA-NM-084075
		FD. 2 1/2" REBAR
	LAT: 36.74200° N. (NAD 83) LONG: 107.97346° W. (NAD 83) LAT: 36°44.5195' N. (NAD 27) LONG: 107°58.3700' W. (NAD 27)	

## 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 working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the Division.

*Crystal Tafuya* 9/10/08  
Signature Date  
Crystal Tafuya 9-10-08  
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.

NOVEMBER 13 2008  
Date of Survey  
Signature and Seal of Registered Professional Land Surveyor  
12894  
Certificate Number

**COMPANY**

Burlington Resources

**CHARGE CODE**

WAN.RFE.PD07.GU

**WELL NAME**

McClure # 100 S

**DATE**

12/11/2007

**DUAL WELL**

WELL NAME

**TRIPLE WELL**

WELL NAME

**COORDINATES**

**SEC**

**TNSHP**

**RNGE**

**LATITUDE**

**LONGITUDE**

10

25 W

11 W

3844.5195 N

10758.3230 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

PUMP/JACK

WATER PUMP

COMPRESSOR

RTU

SAMS

TANKS

SIZE	NEEDED	EXISTING	1 PHASE	3 PHASE
30/12	x			
	x			
100 A	x			
0 8	200 ft			
0 8 tray	700 ft			
		700 ft	x	

city/Fmt

**COMMENTS**

need to set meter pole and plow 700 ft to loc.

sandy soil

# PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

MCCLURE 100S

DEVELOPMENT

Lease:		AFE #: WAN.CDR.7348		AFE \$:	
Field Name: hBR_SAN JUAN		Rig: Aztec Rig 580		State: NM	County: SAN JUAN
Geologist:		Phone:		Geophysicist:	
Geoscientist: Clark, Dave D		Phone: 505-326-9762		Prod. Engineer:	
Res. Engineer: Akwari, Bill N		Phone: +1 505-326-9700		Proj. Field Lead:	

## Primary Objective (Zones):

Zone	Zone Name
JCV	BASIN FRUITLAND COAL (GAS)
UPL	BLANCO PICTURED CLIFFS

Location: Surface		Datum Code: NAD 27		Straight Hole	
Latitude: 36.741995	Longitude: -107.972837	X:	Y:	Section: 10	Range: 011W
Footage X: 1040 FEL	Footage Y: 1970 FNL	Elevation: 5647	(FT)	Township: 029N	
Tolerance:					

Location Type:	Start Date (Est.): 1/1/2008	Completion Date:	Date In Operation:
Formation Data: Assume KB = 5659 Units = FT			

Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	120	5539	<input type="checkbox"/>			8-3/4 hole. 7" 20 ppf, J-55 STC csg. Cement with 50 cuft. Circulate cement to surface.
OJO ALAMO	652	5007	<input type="checkbox"/>			
KIRTLAND	759	4900	<input type="checkbox"/>			
FRUITLAND	1569	4090	<input type="checkbox"/>			Gas
FRUITLAND COAL	1669	3990	<input type="checkbox"/>			
PICTURED CLIFFS	1937	3722	<input type="checkbox"/>	400		Gas
Total Depth	2137	3522	<input type="checkbox"/>			6-1/4" hole. 4-1/2" 10.5 ppf, J-55, STC casing. Cement with 328 cuft. Circulate cement to surface.

## Reference Wells:

Reference Type	Well Name	Comments
Intermediate	Lloyd A 1R (45-33388)	T29N R11W Sec 11 (NW)

## Logging Program:

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

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

Full Suite of Logs: Run PEX from minimum footage to identify coal versus sand in Fruitland.

## Additional Information:

Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks
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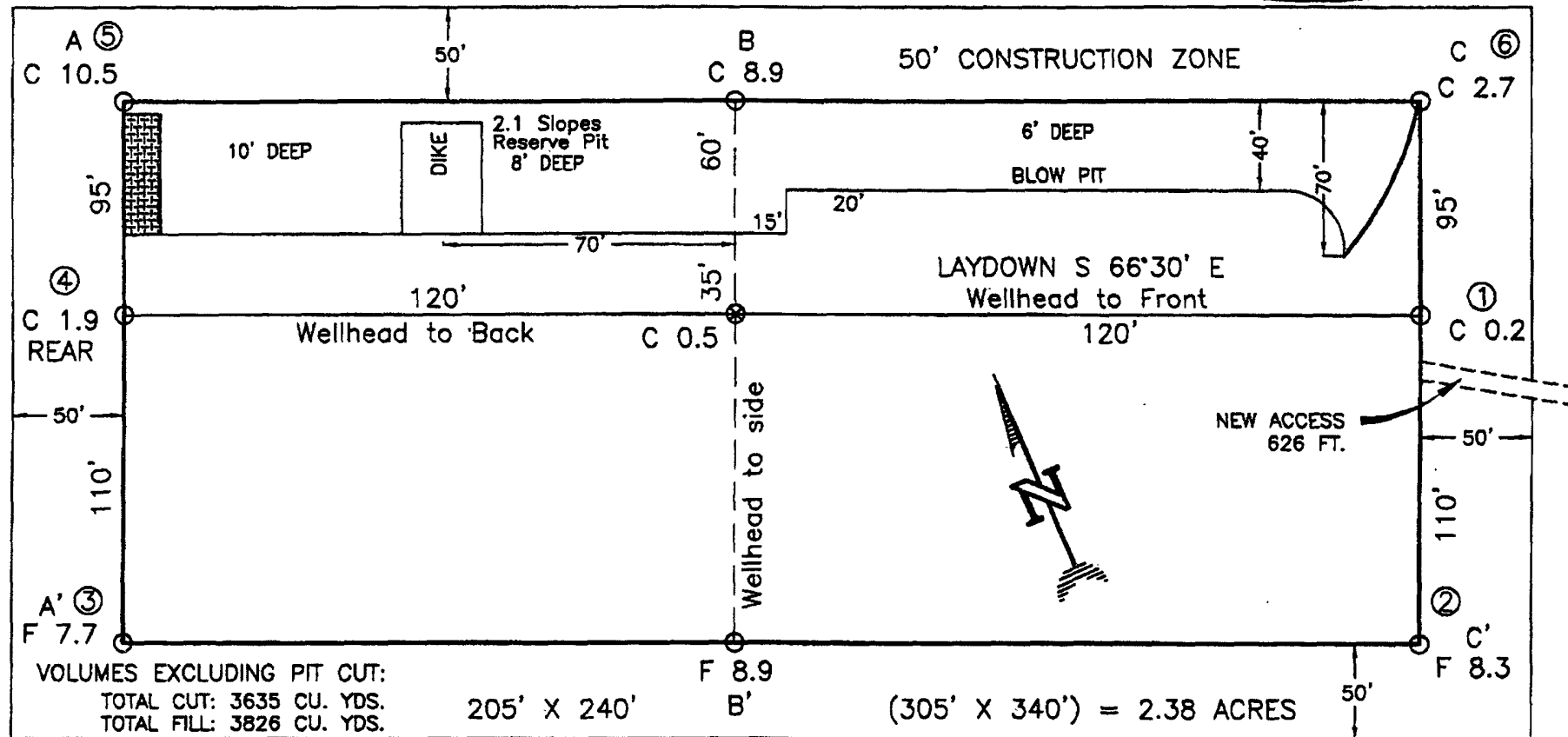
# BURLINGTON RESOURCES OIL & GAS COMPANY LP

McCLURE No. 100S, 1970 FNL 1040 FEL

SECTION 10, T-29-N, R-11-W, N.M.P.M., SAN JUAN COUNTY, NEW MEXICO

GROUND ELEVATION: 5647, DATE: NOVEMBER 15, 2007

NAD 83  
LAT. = 36.74200° N.  
LONG. = 107.97346° W.  
NAD 27  
LAT. = 36°44.5195' N.  
LONG. = 107°58.3700' W.



RESERVE PIT DIKE: TO BE 8' ABOVE DEEP SIDE (OVERFLOW - 3' WIDE AND 1' ABOVE SHALLOW SIDE).

BLOW PIT: OVERFLOW PIPE HALFWAY BETWEEN TOP AND BOTTOM AND TO EXTEND OVER PLASTIC LINER AND INTO BLOW PIT.

## NOTE:


DAGGETT ENTERPRISES, INC. IS NOT LIABLE FOR UNDERGROUND UTILITIES OR PIPELINES. UTILITY NOTIFICATION CENTER OF COLORADO TO BE NOTIFIED 48 HOURS PRIOR TO EXCAVATION OR CONSTRUCTION.

## NOTE:

CONTRACTOR SHOULD CALL ONE-CALL FOR LOCATION OF ANY MARKED OR UNMARKED BURIED PIPELINES OR CABLES ON WELL PAD AND OR ACCESS ROAD AT LEAST TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION.

## NOTE:

ESTIMATED VOLUMES CALCULATED BY AVERAGE END AREA AT CROSS-SECTION SHOWN

REVISION	DATE	REVISION BY
 <b>Daggett Enterprises, Inc.</b> Surveying and Oil Field Services P. O. Box 510 • Farmington, NM 87409 Phone (505) 328-1772 • Fax (505) 328-6019 NEW MEXICO L.S. 8884		
DRAWN BY: G.V.	CHECKED: BR701_PLS	
NOTE: BR701	DATE: 11/28/07	

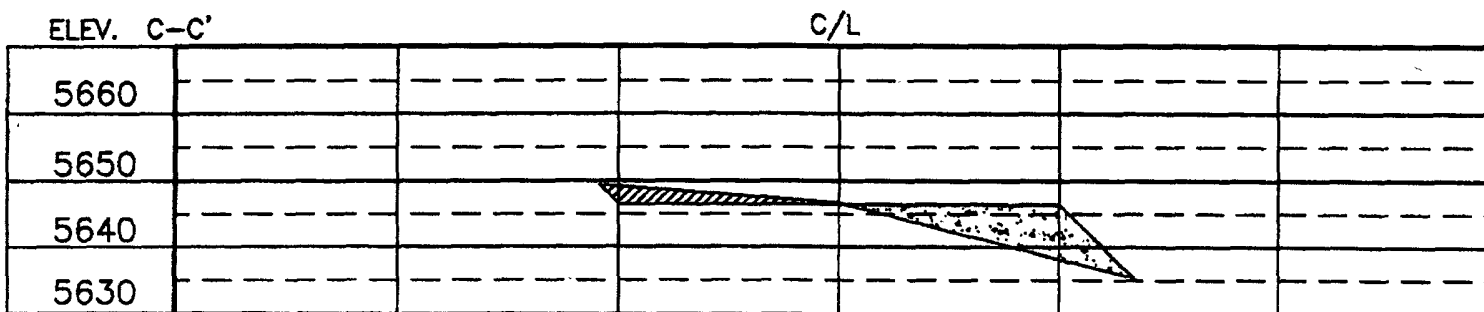
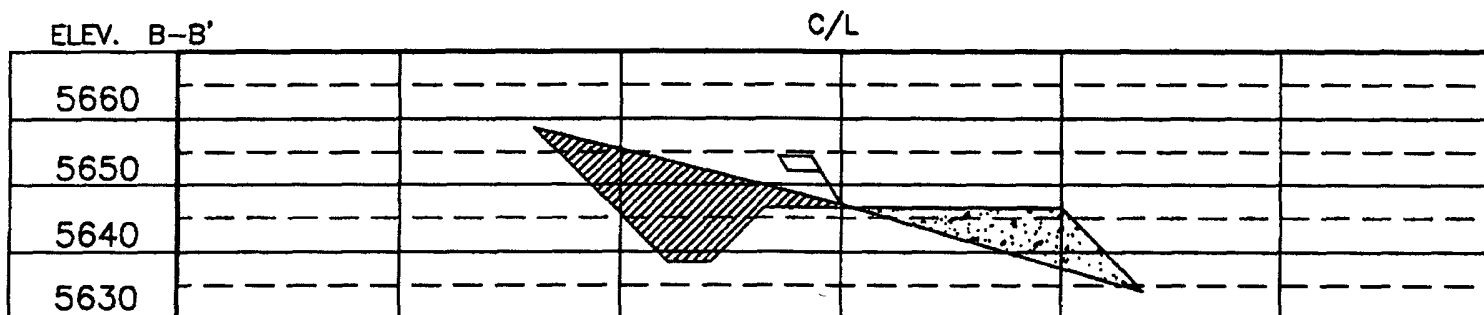
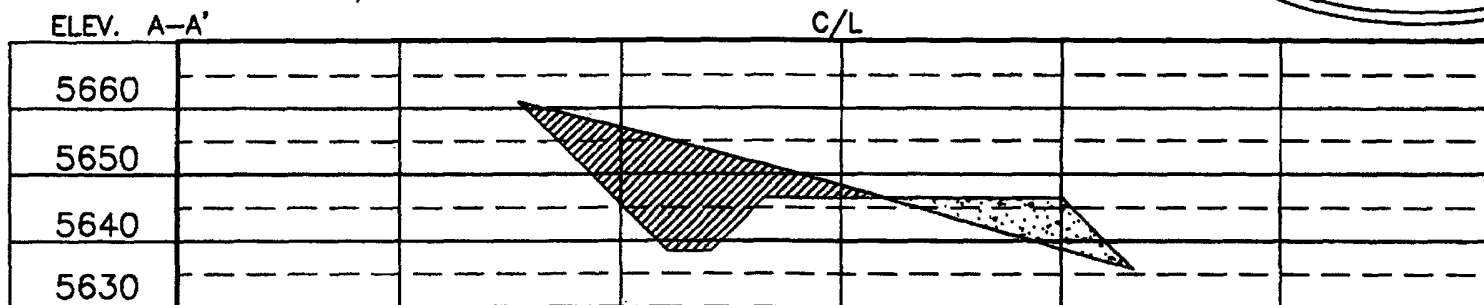
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DRAWN BY: G.V.		CHECKED BY: BR701_CFB
APP: BR701		DATE: 11/29/07