

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

DEC 22 2009

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

BLM Farmington Field Office

1a. Type of Work DRILL	5. Lease Number SF-078717 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 JAN 12 '10
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name Houck Com 9. Well Number 100 OIL CONS. DIV. DIST. 3
4. Location of Well Surf: Unit A(NENE), 710' FNL & 710' FEL Surf: Latitude: 36.74581° N (NAD83) Longitude: 107.91939° W	10. Field, Pool, Wildcat Basin Fruitland Coal 11. Sec., Twn, Rge, Mer. (NMPM) A Sec. 7, T28N, R10W API # 30-045-35078
14. Distance in Miles from Nearest Town 10 miles / Aztec	12. County San Juan 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 710'  H2S POTENTIAL EXIST	
16. Acres in Lease 116.150	17. Acres Assigned to Well 308.28 - N/2 (FC)
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 830' from Fannin #1 (PC)	
19. Proposed Depth 2369'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 5796' GL	22. Approx. Date Work will Start 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 12/22/2009
23. Proposed Casing and Cementing Program See Operations Plan attached	
24. Authorized by:  Crystal Tafoya (Regulatory Technician)	Date

PERMIT NO.

APPROVAL DATE

APPROVED BY 

TITLE

AFM

DATE

1/7/2010

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

NOTIFY AZTEC OCD 24 HRS.
PRIOR TO CASING & CEMENT

JAN 13 2010

NMOC

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

RECEIVED

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

DEC 22 2009

Bureau of Land Management

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-045-35078	Pool Code 71629	Pool Name BASIN FRUITLAND COAL
Property Code 37577	Property Name HOUCK COM	Well Number 100
OGRID No. 14538	Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	Elevation 5796'

10 Surface Location

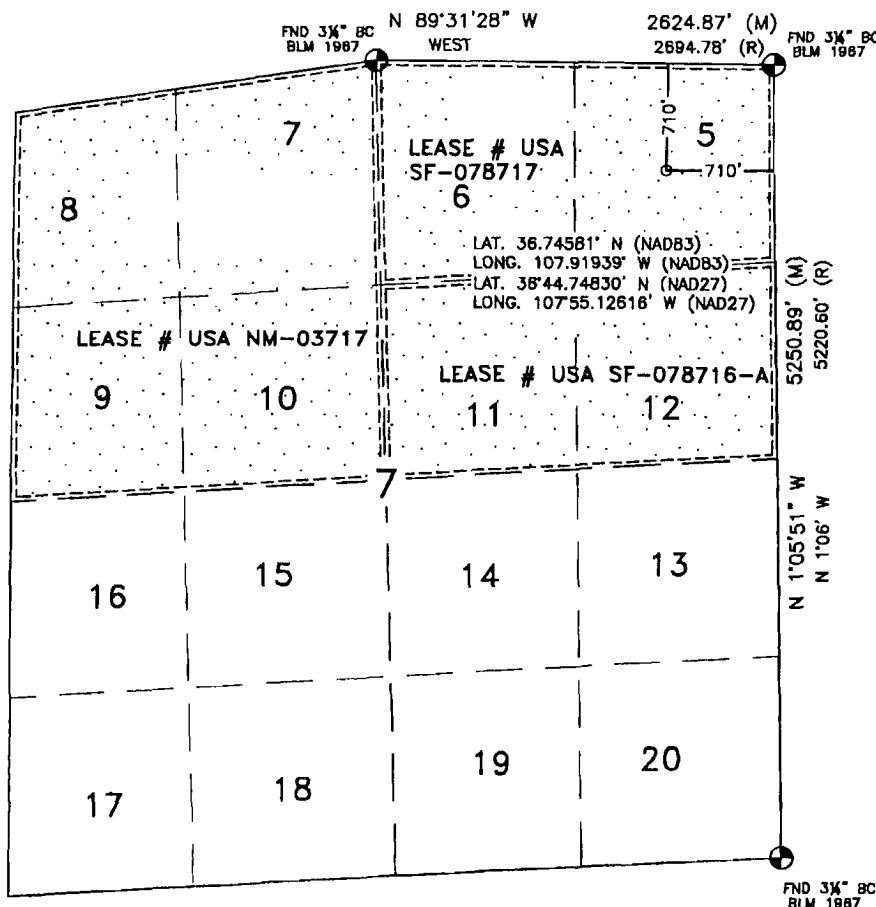
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	7	29N	10W	5	710'	NORTH	710'	EAST	SAN JUAN

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
A									
Dedicated Acres 308.28 ACRES - N/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

18



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 3/25/09
Signature Date

Crystal Tafoya 3-25-09
Printed Name

18 SURVEYOR CERTIFICATION

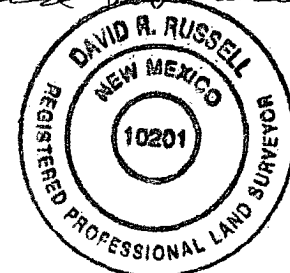
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

MARCH 18, 2009

Date of Survey

Signature and Seal of Professional Surveyor:

David A. Russell



DAVID RUSSELL

Certificate Number

10201

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

HOUCK COM 100

DEVELOPMENT

Lease:		AFE #: WAN.CDR.8496		AFE \$: 695,038.42	
Field Name: SAN JUAN		Rig: XXX Must be 2011		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: Datum Code: NAD 27

Latitude: 36.745805	Longitude: -107.918769	X:	Y:	Section: 07	Range: 010W
Footage X: 710 FEL	Footage Y: 710 FNL	Elevation: 5796	(FT)	Township: 029N	

Tolerance:

Location Type: Year Round	Start Date (Est.): 1/1/2011	Completion Date:	Date In Operation:
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Formation Data: Assume KB = 5807	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	120	5687	☐			8-3/4 hole. 7" 20 ppf, J-55 STC csg. Cement with 50 cuft. Circulate cement to surface.
OJO ALAMO	855	4952	☐			
KIRTLAND	1036	4771	☐			
FRUITLAND	1899	3908	☐	60		Gas
PICTURED CLIFFS	2169	3638	☐			Gas
Total Depth	2369	3438	☐			6-1/4" hole. 4-1/2" 10.5 ppf, J-55, STC casing. Cement with 364cuft. Circulate cement to surface.

Reference Wells:

Reference Type	Well Name	Comments
Production	Fannin #1	NE7 29-10

Logging Program:

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

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

No OH logs or mud loggers required.

Additional Information:

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

HOUCK COM #100
710' FNL & 710' FEL
LOCATED IN THE NE/4 NE/4 OF SECTION 7,
T29N, R10W, N.M.P.M.,
SAN JUAN COUNTY, NEW MEXICO

DIRECTIONS

- 1) FROM HWY 173 & HWY 575, GO 0.75 MILES SOUTHEASTERLY ON HWY 575.
- 2) TURN RIGHT & GO 1.5 MILES TO "Y" INTERSECTION.
- 3) STAY LEFT & GO 0.75 MILES.
- 4) TURN RIGHT & GO 0.2 MILES.
- 5) TURN LEFT & FOLLOW MAIN ROAD SOUTHERLY FOR 2.0 MILES.
- 6) TURN LEFT & GO 0.2 MILES TO EXISTING LOCATION. ON NORTH SIDE OF PAD ALONG P/L RIGHT OF WAY IS BEGIN ACCESS.
- 7) FOLLOW RED FLAGGING FOR 609' TO WELL PAD.

WELL FLAG LOCATED AT LAT. 36.74581° N, LONG. 107.91939° W (NAD 83).

