


UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

FEB 17 2011

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

Farmington Field Office
Bureau of Land Management

1a. Type of Work DRILL	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	5. Lease Number USA NM-10183 Unit Reporting Number Indian, All. or Tribe
1b. Type of Well GAS		
2. Operator BURLINGTON RESOURCES Oil & Gas Company, LP		7. Unit Agreement Name NMNM-73498-MV
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700		8. Farm or Lease Name Hancock Com 9. Well Number 1B
4. Location of Well Surface: Unit H(ENE), 1960' FNL & 1050' FEL Surface: Latitude: 36.930371° N (NAD83) Longitude: 108.149427° W		10. Field, Pool, Wildcat Basin DK/Blanco MV 11. Sec., Twn, Rge, Mer. (NMPM) Sec. 1, T31N, R13W API # 30-045- 35248
14. Distance in Miles from Nearest Town 11.9 Miles from Bloomfield, NM	12. County San Juan	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1050'		
16. Acres in Lease 119.630	17. Acres Assigned to Well 319.2 Acres (DK/MV)	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 978' from MV Hancock Com 1 (P&A)		DIST. 3
19. Proposed Depth 6857'	20. Rotary or Cable Tools Rotary	OIL CONS. DIV. RCVD APR 5 '11
21. Elevations (DF, FT, GR, Etc.) 5809' GL	 H ₂ S POTENTIAL EXIST	22. Approx. Date Work will Start
23. Proposed Casing and Cementing Program See Operations Plan attached		
24. Authorized by: <u>Brandie Blakley</u> Brandie Blakley (Staff Regulatory Technician)		<u>2-16-11</u> Date

PERMIT NO.

APPROVAL DATE

APPROVED BY [Signature]

TITLE AFM

DATE 3/30/11

Archaeological Report attached

A gas recovery unit may or may not be used on this location.

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

APR 13 2011

NMOC

PC

DISTRICT I

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

RECEIVED

FEB 17 2011

Farmington Field Office
Bureau of Land Management

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 7 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-35248	² Pool Code 71599/72319	³ Pool Name BASIN DAKOTA / BLANCO MESAVERDE
⁴ Property Code 7080	⁵ Property Name HANCOCK COM	⁶ Well Number 1B
⁷ OGRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	⁹ Elevation 5809

¹⁰ SURFACE LOCATION

UL or lot no. H	Section 1	Township 31-N	Range 13-W	Lot Idn	Feet from the 1960	North/South line NORTH	Feet from the 1050	East/West line EAST	County SAN JUAN
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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
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¹² Dedicated Acres 319.2 N/2	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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DIST. 2

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

OIL CONS. DIV.

PCUD APR 5 '11

¹⁶ BLM 1952 N 88°47'21" W N 88°58' W	LOT 4	LOT 3	LOT 2	LOT 1 (R) (N) 5277.0' (M) 5282.6' (R) 2638.7' 2639.2'	BLM 1951
		N/2 DEDICATED ACREAGE MULTIPLE FEE LEASE	WELL FLAG NAD 83 LAT: 36.930371° N LONG: 108.149427° W NAD 27 LAT: 36°55.822191' N LONG: 108°08.927824' W	1960' USA NM-10183 1050'	BLM 1951
			SECTION 1, T-31-N, R-13-W		
BASIS OF BEARING IS THE NEW MEXICO STATE PLANE COORDINATE SYSTEM, WEST ZONE, NAD83 AS DETERMINED BY GPS OBSERVATION AND NGS/OPUS SOLUTION.					

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.

Brandie Blakley
Signature

Brandie Blakley
Printed Name
Staff Regulatory Technician

Title and E-mail Address
7-12-2010

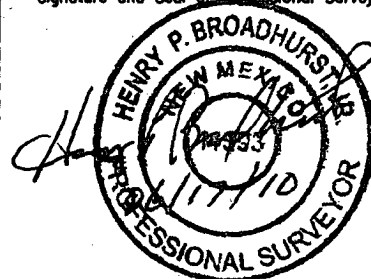
Date

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.

Date of Survey: 5/3/10

Signature and Seal of Professional Surveyor:



Certificate Number: NM 11393

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

HANCOCK COM 1B

DEVELOPMENT

Lease:		AFE #: WAN.CDR.0057		AFE \$: 0.00	
Field Name: SAN JUAN		Rig: Aztec Rig 920		State: NM	County: SAN JUAN
Geologist:		Phone:		Geophysicist:	
Geoscientist:		Phone:		Prod. Engineer:	
Res. Engineer:		Phone:		Proj. Field Lead:	

Primary Objective (Zones):

Zone	Zone Name
RON	BLANCO MESAVERDE (PRORATED GAS)
FRR	BASIN DAKOTA (PRORATED GAS)

Location: Surface		Datum Code: NAD 27		Straight Hole	
Latitude: 36.930370	Longitude: -108.148797	X:	Y:	Section: 01	Range: 013W
Footage X: 1050 FEL	Footage Y: 1960 FNL	Elevation: 5809	(FT)	Township: 031N	
Tolerance:					

Location Type: Year Round	Start Date (Est.): 1/1/2012	Completion Date:	Date In Operation:
Formation Data: Assume KB = 5824 Units = FT			

Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	MD (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	320	5504		<input type="checkbox"/>			12-1/4 hole. 200' 9 5/8" 32.3 ppf, H-40, STC casing. Cement with 179 cuft. Circulate cement to surface.
OJO ALAMO	1045	4779		<input type="checkbox"/>			
KIRTLAND	1126	4698		<input type="checkbox"/>			
FRUITLAND	1463	4361		<input type="checkbox"/>			Possible Gas
PICTURED CLIFFS	2148	3676		<input type="checkbox"/>			
LEWIS	2300	3524		<input type="checkbox"/>			
HUERFANITO BENTONITE	2824	3000		<input type="checkbox"/>			
CHACRA	3267	2557		<input type="checkbox"/>			
UPPER CLIFF HOUSE	3687	2137		<input type="checkbox"/>			Gas; Est. Top Perf - 3689 (2135)
MASSIVE CLIFF HOUSE	3818	2006		<input type="checkbox"/>	710		Gas; Cliffhouse is wet
MENEFEE	3947	1877		<input type="checkbox"/>			
Intermediate Casing	4097	1727		<input type="checkbox"/>			159 8 3/4" Hole. 7", 23 ppf, J-55, LTC Casing. Cement with 917 cuft. Circulate cement to surface.
POINT LOOKOUT	4501	1323		<input type="checkbox"/>			
MANCOS	4874	950		<input type="checkbox"/>			
UPPER GALLUP	5854	-30		<input type="checkbox"/>			
GREENHORN	6567	-743		<input type="checkbox"/>			
GRANEROS	6618	-794		<input type="checkbox"/>			
TWO WELLS	6678	-854		<input type="checkbox"/>	2407		Gas
PAGUATE	6743	-919		<input type="checkbox"/>			
LOWER CUBERO	6767	-943		<input type="checkbox"/>			Est. Btm Perf - 6827 (- 1003) based on offset wells
UPPER CUBERO	6767	-943		<input type="checkbox"/>			
ENCINAL	6807	-983		<input type="checkbox"/>			TD - 50' below T/ENCN
Total Depth	6857	-1033		<input type="checkbox"/>		196	6-1/4" hole, 4-1/2" 10.5/11.6 ppf, J-55, STC/LTC casing. Cement w/ 380 cuft. Circulate cement a minimum of 100' inside the previous casing string.

Reference Wells:

PROJECT PROPOSAL - New Drill / Sidetrack

HANCOCK COM 1B

DEVELOPMENT

Reference Type	Well Name	Comments
Production	Federal 1-1	31N 13W 1 SW NE SE
Production	Wright State Com 1E	32N 13W 36 SW NE SE
Production	McDurnitt 1M	31N 12W 6 NE SW NW

Logging Program:

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

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

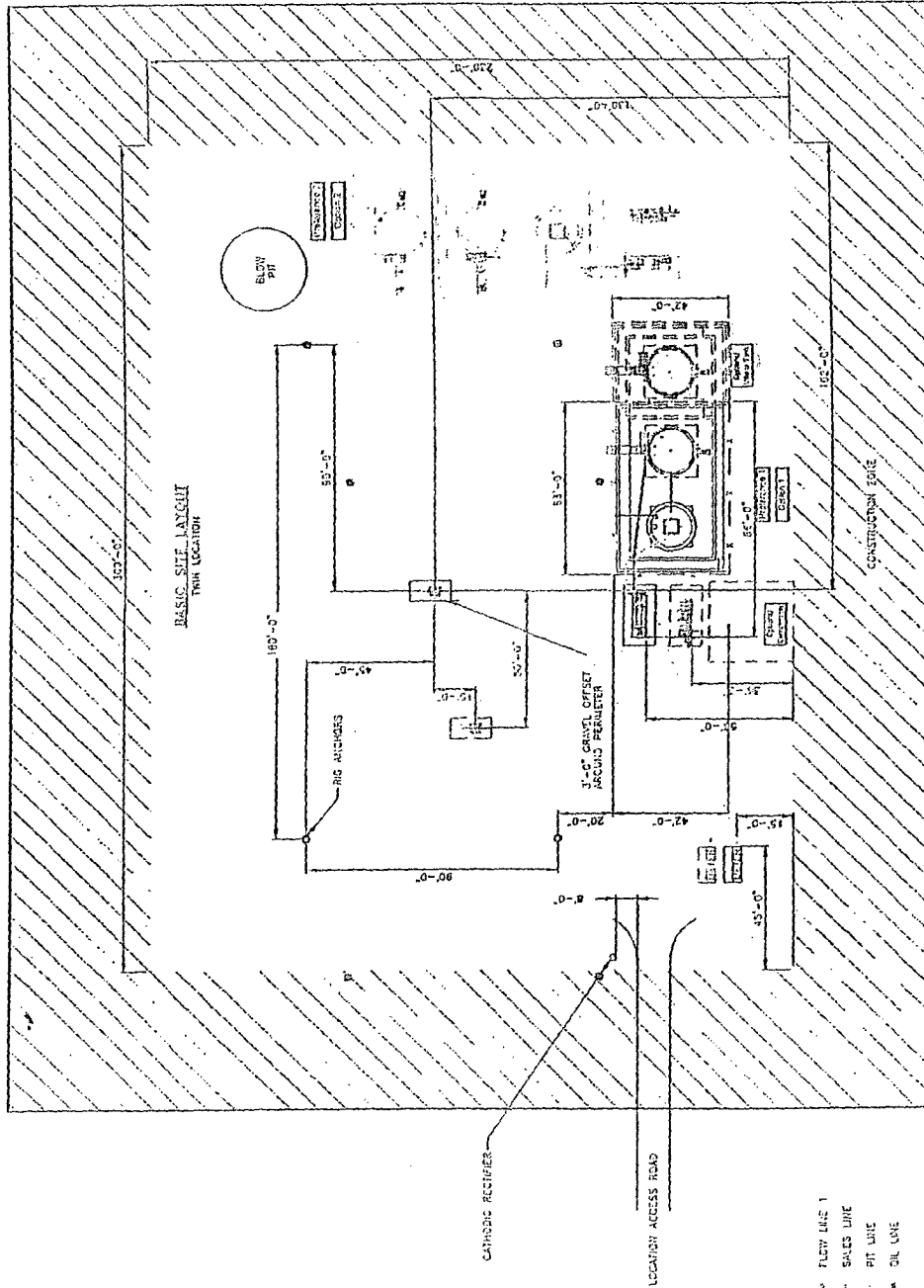
Cased Hole GR/CBL and OH logs at TD over minimum footages.

Mudlog from Mancos to TD and mudlogger will call TD.

Weatherford cuttings from Mancos to Dakota.

Additional Information:

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

HANCOCK COM 1B

1960' FNL, 1050' FEL

SECTION 1, T-31-N, R-13-W, N.M.P.M.,

SAN JUAN COUNTY, NEW MEXICO

NAD 83 LAT.: 36.930371°N LONG.: 108.149427°W

ELEV.: 5809 NAVD88

NEW ACCESS 45.0'

DRIVING DIRECTIONS FROM AZTEC, N.M. FROM THE INTERSECTION OF AZTEC BLVD. AND HWY. 173 (SUNDIAL CONOCO).

- GO 11.6 MI. WEST ON HWY 173 (2.3 MI. EAST OF OLD LAPLATA SCHOOL). TURN RIGHT AT GATE ON NORTH SIDE OF HWY 173 AND HEAD TOWARD WILLIAMS CULPEPPER CPD.
- GO 0.3 MI. WEST AND NORTH. BEGIN 45 FT. NEW ACCESS ON RIGHT (EAST) SIDE OF ROAD. WELL STAKED OPPOSITE ROAD INTERSECTION AND EAST OF PIPELINE SWATH.