

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

JUN 07 2010

1a. Type of Work DRILL	5. Lease Number NMSF-077107-A 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
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name Hancock 9. Well Number 3S
4. Location of Well Surface: Unit F (SENW), 1425' FNL & 1440' FWL Surface: Latitude: 36.650855° N (NAD83) Longitude: 107.780155° W	10. Field, Pool, Wildcat Basin Fruitland Coal 11. Sec., Twn, Rge, Mer. (NMPM) f Sec. 22, T28N, R9W API # 30-045-35168
14. Distance in Miles from Nearest Town 14.2 miles from Blanco	12. County San Juan 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1425'	
16. Acres in Lease 783.22	17. Acres Assigned to Well 320.00 W/2 - FC
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 62' from Hancock 3A (MV)	
19. Proposed Depth 2647' <small>This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4</small>	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6170' 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>Dollie L. Busse</u> Dollie L. Busse (Staff Regulatory Tech)	<u>June 3, 2010</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 2

Bond Numbers NMB-000015 and NMB-000089

JUL 06 2010

NMOCD

NOTIFY AZTEC OGD 24 HRS.
PRIOR TO CASING & CEMENT
BLM'S APPROVAL OR ACCEPTANCE OF THIS
AGREEMENT DOES NOT CONSTITUTE A LESSEE AND
OPERATOR FROM OBTAINING ANY OTHER
AUTHORIZATION REQUIRED FOR OPERATIONS
ON FEDERAL AND INDIAN LANDS

RECEIVED

JUN 07 2010

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

DISTRICT II
1301 West 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

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 - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-35168		² Pool Code 71629	³ Pool Name BASIN FRUITLAND COAL
⁴ Property Code 7076	⁵ Property Name HANCOCK		⁶ Well Number 3S
⁷ OGRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP		⁹ Elevation 6170'

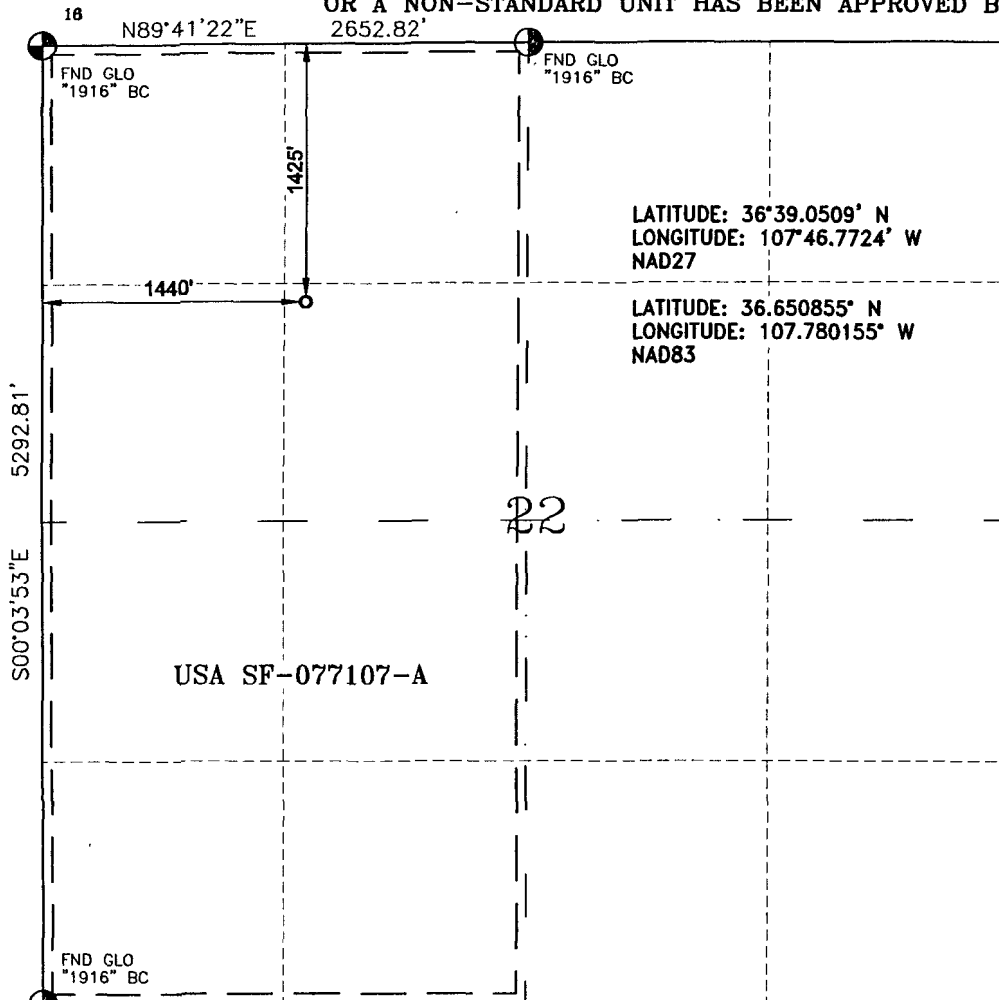
¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	22	28-N	9-W		1425	NORTH	1440	WEST	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
¹² Dedicated Acres FC 320.00 ACRES W/2			¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ 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



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

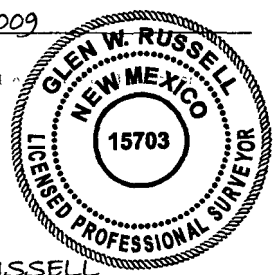
Dollie L. Busse 4/3/10
Signature
Dollie L. Busse
Printed Name

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.

JULY 28, 2009
Date of Survey

Signature and Seal



GLEN W. RUSSELL
Certificate Number

15703

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

HANCOCK 3S

DEVELOPMENT

Lease:		AFE #: WAN.CDR.9089		AFE \$: 561,510.00	
Field Name: SAN JUAN		Rig: XXX 2011 Holding Rig #1		State: NM	County: SAN JUAN
Geologist:		Phone:		Geophysicist:	
Geoscientist:		Phone:		Prod. Engineer:	
Res. Engineer:		Phone:		Proj. Field Lead:	

Primary Objective (Zones):

Zone	Zone Name
JCV	BASIN FRUITLAND COAL (GAS)

Location: Surface **Datum Code:** NAD 27 **Straight Hole**

Latitude: 36.650848	Longitude: -107.779540	X:	Y:	Section: 22	Range: 009W
Footage X: 1440 FWL		Footage Y: 1425 FNL		Elevation: 6170 (FT)	Township: 028N
Tolerance:					

Location Type: Year Round Start Date (Est.): 1/1/2011 Completion Date: Date In Operation:

Formation Data: Assume KB = 6185 Units = FT

Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	120	6065	<input type="checkbox"/>			8-3/4 hole. 7" 20 ppf, J-55 STC csg. Cement with 50 cuft. Circulate cement to surface.
OJO ALAMO	1393	4792	<input type="checkbox"/>			
KIRTLAND	1527	4658	<input type="checkbox"/>			
FRUITLAND	1961	4224	<input type="checkbox"/>			Gas
FRUITLAND COAL	2244	3941	<input type="checkbox"/>			
PICTURED CLIFFS	2447	3738	<input type="checkbox"/>	267		Gas; TD - 200' below T/PCCF
Total Depth	2647	3538	<input type="checkbox"/>		102	6-1/4" hole. 4-1/2" 10.5 ppf, J-55, STC casing. Cement with 355 cuft. Circulate cement to surface.

Reference Wells:

Reference Type	Well Name	Comments
Production	Hancock B 4	28N 9W 22 NE NW
Production	Storey A 2	28N 9W 15 NE SW SE
Production	Michener 4	28N 9W 15 NW SE SW

Logging Program:

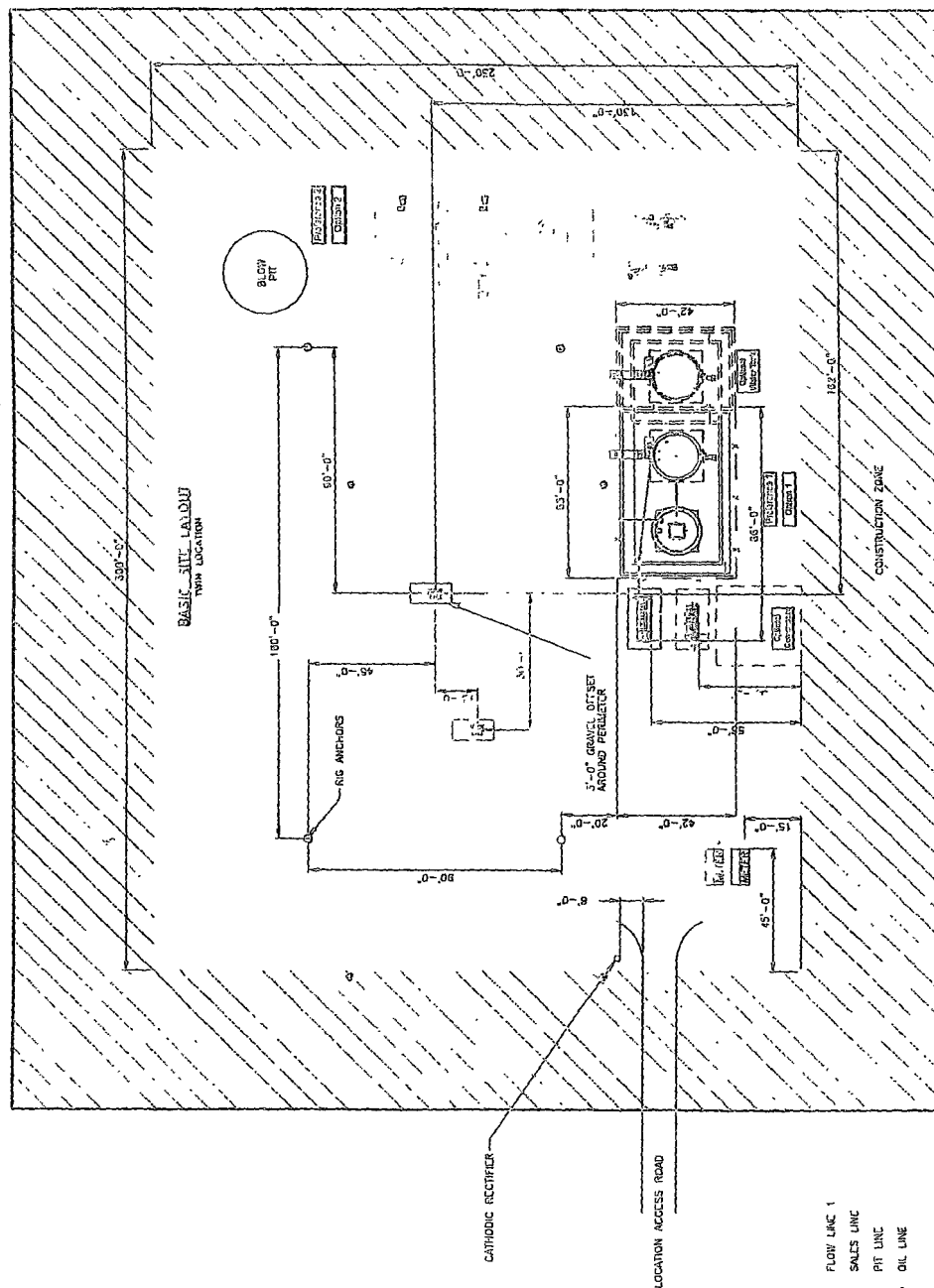
Intermediate Logs: ☐ Log only if show ☐ GR/ILD ☐ Triple Combo

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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SSC SHEET 3 OF 1 FOR PAVING DETAILS
ALL UNDERGROUND PIPES TO BE DURED A MIN OF 3'-0" TOP

5 2C 1 J27HS

[illegible]

Directions from the Intersection of
Hwy 550 and Hwy64,
in Bloomfield, NM
to
BURLINGTON RESOURCES OIL & GAS COMPANY LP
HANCOCK #3S
1425' FNL & 1440' FWL,
Section 22, T28N, R9W, N.M.P.M., San Juan County,
New Mexico
Latitude: 36° 39' 03.076" N
Longitude: 107° 46' 48.557" W
Nad 1983

Go south on Hwy 550 for 1.0 miles to CR 4990,
turn left (easterly) on CR 4990 (Sullivan Road) 15.0 miles,
to Five Mile Bridge,
stay right @ y-intersec (southeasterly) 0.5 miles,
turn right (southwesterly) 2.0 miles,
turn left (southeasterly) 0.1 miles,
stay right (southerly) 0.5 miles,
turn right (west-southwesterly) 0.6 miles,
continue (westerly) on closed road 0.15 miles
to newly staked location twinned on existing well pad,
HANCOCK #3A.