

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

RECEIVED**MAY 02 2011**

Sundry Notices and Reports on Wells

Farmington Field Office
Bureau of Land Management

**JICARILLA CONTRACT
150**

1. Type of Well
GAS

6. If Indian, All. or
Tribe Name
JICARILLA APACHE

2. Name of Operator
BURLINGTON
RESOURCES OIL & GAS COMPANY LP

7. Unit Agreement Name
JICARILLA 150

3. Address & Phone No. of Operator
PO Box 4289, Farmington, NM 87499 (505) 326-9700

8. Well Name & Number
JICARILLA 150 8M

4. Location of Well, Footage, Sec., T, R, M

Surface: Unit G (SW/NE), 1625' FNL & 1560' FEL, Section 2, T26N, R5W, NMPM

9. API Well No.
30-039-30998

Bottom: Unit H (SE/NE), 2220' FNL & 710' FEL, Section 2, T26N, R5W, NMPM

10. Field and Pool
BLANCO MV / BASIN DK

11. County and State
Rio Arriba, NM

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission	Type of Action	
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input checked="" type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
		<input type="checkbox"/> Other - _____

13. Describe Proposed or Completed Operations

Burlington Resources requests permission to deepen surface casing depth +/- 320' from original master plan of 200', due to an offset well having losses @ 221' behind pipe. Cement volumes will be adjusted accordingly. Jim Lovato (BLM) & Charlie Perrin (OCD) were contacted and both gave verbal approval to proceed.

Verbal approval granted 4/25/11

14. I hereby certify that the foregoing is true and correct.

Signed *Marie E. Jaramillo* Marie E. Jaramillo Title: Staff Regulatory Technician Date 04/25/11

(This space for Federal or State Office use)

APPROVED BY *Jim Lovato* Title *Petr. Eng* Date *5/3/11*

CONDITION OF APPROVAL, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOCD

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

JICARILLA 150 8M

DEVELOPMENT

Lease:		AFE #: WAN.CDR.0015				AFE \$: 902,808.03	
Field Name: SAN JUAN		Rig: Aztec Rig 673		State: NM	County: RIO ARRIBA		API #: 3003930998
Geologist:		Phone:		Geophysicist:		Phone:	
Geoscientist:		Phone:		Prod. Engineer:		Phone:	
Res. Engineer:		Phone:		Proj. Field Lead:		Phone:	
Primary Objective (Zones):							
Zone	Zone Name						
FRR	BASIN DAKOTA (PRORATED GAS)						
RON	BLANCO MESAVERDE (PRORATED GAS)						
Location: Surface		Datum Code: NAD 27				Directional	
Latitude: 36.518626	Longitude: -107.323413	X:	Y:	Section: 02		Range: 005W	
Footage X: 1560 FEL	Footage Y: 1625 FNL	Elevation: 6677	(FT)	Township: 026N			
Tolerance:							
Location: Bottom Hole		Datum Code: NAD 27				Directional	
Latitude: 36.516946	Longitude: -107.320528	X:	Y:	Section: 02		Range: 005W	
Footage X: 710 FEL	Footage Y: 2220 FNL	Elevation:	(FT)	Township: 026N			
Tolerance:							
Location Type: Year Round		Start Date (Est.): 1/1/2011		Completion Date:		Date In Operation:	
Formation Data: Assume KB = 6692 Units = FT							
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	MD (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	320	6372		<input type="checkbox"/>			12-1/4 hole. 320' 9 5/8" 32.3 ppf, H-40, STC casing. Cement with 200 cuft. Circulate cement to surface.
NACIMIENTO	1400	5292		<input type="checkbox"/>			
OJO ALAMO	2860	3832		<input type="checkbox"/>			
KIRTLAND	2961	3731		<input type="checkbox"/>			
FRUITLAND	3003	3689		<input type="checkbox"/>			Possible Gas
PICTURED CLIFFS	3410	3282		<input type="checkbox"/>			
LEWIS	3476	3216		<input type="checkbox"/>			
Intermediate Casing	3576	3116		<input type="checkbox"/>	114		8 3/4" Hole. 7", 23 ppf, J-55, LTC Casing. Cement with 850 cuft. Circulate cement to surface.
HUERFANITO BENTONITE	3879	2813		<input type="checkbox"/>			
CHACRA	4353	2339		<input type="checkbox"/>			
UPPER CLIFF HOUSE	4956	1736		<input type="checkbox"/>			Gas; Est. Top Perf - 4958 (1734)
MASSIVE CLIFF HOUSE	5050	1642		<input type="checkbox"/>	704		Gas; Cliffhouse is dry
MENEFEE	5178	1514		<input type="checkbox"/>			
POINT LOOKOUT	5551	1141		<input type="checkbox"/>			
MANCOS	6032	660		<input type="checkbox"/>			
UPPER GALLUP	6701	-9		<input type="checkbox"/>			
GREENHORN	7501	-809		<input type="checkbox"/>			
GRANEROS	7559	-867		<input type="checkbox"/>			
TWO WELLS	7592	-900		<input type="checkbox"/>	2317		Gas
PAGUATE	7673	-981		<input type="checkbox"/>			
UPPER CUBERO	7702	-1010		<input type="checkbox"/>			

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JICARILLA 150 8M

DEVELOPMENT

LOWER CUBERO	7739	-1047	<input type="checkbox"/>	Est. Btm Perf - 7808 (- 1116) based on offset wells
ENCINAL	7818	-1126	<input type="checkbox"/>	TD - 20' below T/ENCN
Total Depth	7838	-1146	<input type="checkbox"/>	198 6-1/4" hole, 4-1/2" 11.6 ppf, J-55/L-80, LTC casing. Cement w/ 580 cuft. Circulate cement a minimum of 100' inside the previous casing string.
BURRO CANYON	7840	-1148	<input type="checkbox"/>	
MORRISON	7866	-1174	<input type="checkbox"/>	

Reference Wells:

Reference Type	Well Name	Comments
Production	Jicarilla G 1	26N 5W 1 NW SW
Production	Jicarilla G 8E	26N 5W 2 SW NE SE
Production	Jicarilla G 8	26N 5W 2 NE SW NE
Production	Jicarilla G 6M	26N 5W 2 SE NW 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

Mudlog from 100' above top of GLLP to TD - mudlogger will call TD.

Additional Information:

Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks
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Comments: Location/Tops/Logging - MV/DKNM026N005W02NE2 Prefer H around 2210' FNL & 810' FEL or maybe along road to the south - other options may cause some competition between wells. eap 1-25-10

Zones - MV/DKNM026N005W02NE2

General/Work Description - 3/4/10-GW test well requested by Const wfp-8/4/10-no GW found wfp
2/1/10 Put on active rig; doesn't fall into Deferred Jicarilla Category - it is BLM demand (see doc. mngmt) JGV
BLM DEMAND
NO LEWIS

1/14/10 - MV economic incrementally. MV/DK project uneconomic as directional.--TLJ

09/8/2010.-Drilling Cost Estimate: Base Line of \$117.74 /ft for short step out well(1045.69 ft). Expecting losses in Fruitland Coal. Intermediate casing set at 3576 ft TVD ft into Lewis & 4 1/2" 11.6#/ft J-55 & L-80 LTC will be run as production string. Two stages cementing job. Existing a well on pad Jicarilla 150 #8 at 73 ft, added \$10K for stripping surface equipment on location. Estimated 12 days. Cost changed to \$ 112.29/ft. JC.

09/08/2010 No Drilling H2S contingency required.