

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SEP 23 2009

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	5. Lease Number USA SF-078424 Unit Reporting Number NMNM 78477A-MV - NMNM 99306-DK
1b. Type of Well GAS	6. If Indian, All. or Tribe
2. Operator BURLINGTON RESOURCES Oil & Gas Company, LP	7. Unit Agreement Name San Juan 29-7 Unit
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name RCVD FEB 17 '10 OIL CONS. DIV. DIST. 3
4. Location of Well Surf: Unit J(NWSE), 1365' FSL & 1815' FEL BH: Unit P(SESE), 815' FSL & 815' FEL Surf: Latitude: 36.707773° N (NAD83) Longitude: 107.53750° W BH: Latitude: 36.706250° N (NAD83) Longitude: 107.53410° W	9. Well Number 75N 10. Field, Pool, Wildcat Basin DK/Blanco MV 11. Sec., Twn, Rge, Mer. (NMPM) Sec. 23, T29N, R7W API # 30-039-30818
14. Distance in Miles from Nearest Town 20 miles/Blanco	12. County RIO ARRIBA
15. Distance from Proposed Location to Nearest Property or Lease Line 1365'	13. State NM
16. Acres in Lease 2160.00	17. Acres Assigned to Well MV/DK 320.00 (E/2)
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 101' from San Juan 29-7 Unit 75A	
19. Proposed Depth 7568'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6281' GL	22. Approx. Date Work will Start
23. Proposed Casing and Cementing Program See Operations Plan attached	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
24. Authorized by: <u>Ethel Tally</u> Ethel Tally (Staff Regulatory Technician)	<u>9/23/09</u> Date

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY [Signature] TITLE AFM DATE 3/16/2010

Archaeological Report attached
Threatened and Endangered Species Report attached
NOTE: This format is issued in lieu of U.S. BLM Form 3160-3

**NOTIFY AZTEC OCD 24 HRS.
PRIOR TO CASING & CEMENT**

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

This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4

FEB 25 2010

NMOCD

DRILLING OPERATIONS AUTHORIZED ARE FOR DIRECTIONAL SURVEYMENTS AND "AS DRILLED" PLAT

pc

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

RECEIVED
SEP 23 2009

Form C-102
Revised October 12, 2005

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-30818		² Pool Code 71599 / 72319	³ Pool Name BASIN DAKOTA/BLANCO MESAVERDE
⁴ Property Code 7465	⁵ Property Name SAN JUAN 29 - 7 UNIT		⁶ Well Number 75N
⁷ OGRD No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP		⁹ Elevation 6281'

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
J	23	29-N	7-W		1365	SOUTH	1815	EAST	RIO ARRIBA

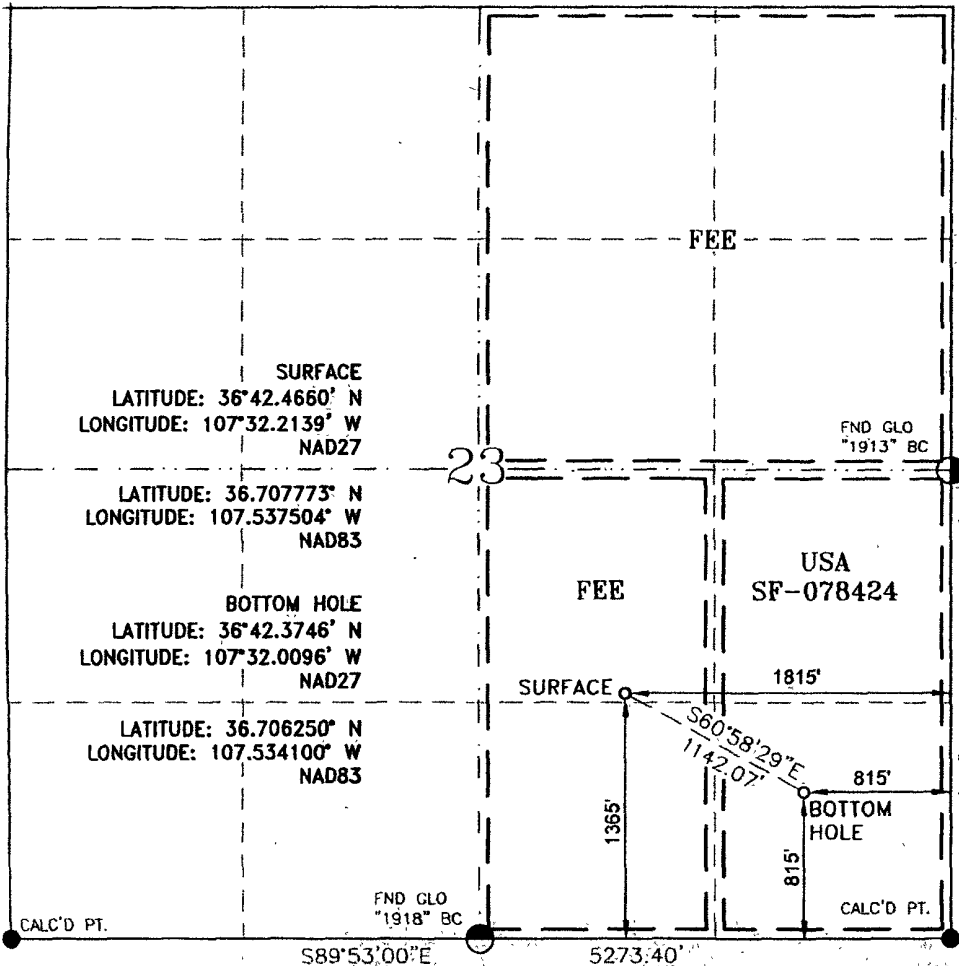
¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	23	29-N	7-W		815	SOUTH	815	EAST	RIO ARRIBA

¹² Dedicated Acres DK 320.00 ACRES E/2 MV 320.00 ACRES E/2	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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

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¹⁷ OPERATOR CERTIFICATION

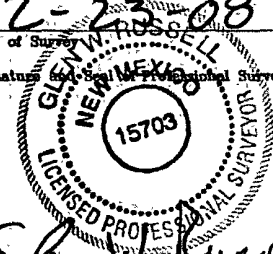
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this 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.

Crystal Tafoya 9/1/09
Signature
Crystal Tafoya 9-1-09
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.

12-23-08
Date of Survey
Signature of Registered Professional Surveyor
Carlin W. Russell
Certificate Number 15703



PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 29-7 UNIT 75N

DEVELOPMENT

Lease:		AFE #: WAN.CDR.8252			AFE \$: 1,646,197.03	
Field Name: SAN JUAN 29-7 UNIT		Rig: H&P Rig 282		State: NM	County: RIO ARRIBA	
Geologist:		Phone:		Geophysicist:		Phone:
Geoscientist: Johnson, David		Phone: +1 505-324-6169		Prod. Engineer:		Phone:
Res. Engineer: Prabowo, Wahyu		Phone: +1-505-326-9797		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: 36.707766	Longitude: -107.536898	X:	Y:	Section: 23	Range: 007W	
Footage X: 1815 FEL	Footage Y: 1365 FSL	Elevation: 6281	(FT)	Township: 029N		
Tolerance:						
Location: Bottom Hole Datum Code: NAD 27 Directional						
Latitude: 36.706243	Longitude: -107.533494	X:	Y:	Section: 23	Range: 007W	
Footage X: 815 FEL	Footage Y: 815 FSL	Elevation:	(FT)	Township: 029N		
Tolerance:						
Location Type: Year Round		Start Date (Est.): 1/1/2010		Completion Date:		Date In Operation:
Formation Data: Assume KB = 6296 Units = FT						
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	200	6096	<input type="checkbox"/>			12-1/4 hole. 200' 9 5/8" 32.3 ppf, H-40, STC casing. Cement with 159 cuft. Circulate cement to surface.
OJO ALAMO	2238	4058	<input type="checkbox"/>			
KIRTLAND	2348	3948	<input type="checkbox"/>			
FRUITLAND	2696	3600	<input type="checkbox"/>			Possible Gas
PICTURED CLIFFS	3101	3195	<input type="checkbox"/>			
LEWIS	3298	2998	<input type="checkbox"/>			
Intermediate Casing	3398	2898	<input type="checkbox"/>			8 3/4" Hole. 7", 23 ppf, J-55, LTC Casing. Cement with 822 cuft. Circulate cement to surface.
HUERFANITO BENTONITE	3751	2545	<input type="checkbox"/>			
CHACRA	4071	2225	<input type="checkbox"/>			
MASSIVE CLIFF HOUSE	4794	1502	<input type="checkbox"/>	638		Gas
MENEFEE	4951	1345	<input type="checkbox"/>			
POINT LOOKOUT	5276	1020	<input type="checkbox"/>			
MANCOS	5744	552	<input type="checkbox"/>			
UPPER GALLUP	6528	-232	<input type="checkbox"/>			
GREENHORN	7254	-958	<input type="checkbox"/>			
GRANEROS	7312	-1016	<input type="checkbox"/>			
TWO WELLS	7358	-1062	<input type="checkbox"/>	3305		Gas
UPPER CUBERO	7468	-1172	<input type="checkbox"/>			
LOWER CUBERO	7498	-1202	<input type="checkbox"/>			
Total Depth	7568	-1272	<input type="checkbox"/>			6-1/4" hole, 4-1/2" 11.6 ppf, J-55/L-80, LTC casing. Cement w/ 568 cuft. Circulate cement a minimum of 100' inside the previous casing string.
ENCINAL	7568	-1272	<input type="checkbox"/>			

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 29-7 UNIT 75N

DEVELOPMENT

Reference Wells:		
Reference Type	Well Name	Comments

Logging Program:

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

TD Logs: Triple Combo Dipmeter RFT Sonic VSP TDT Other

Mudlog from ~100' above the Greenhorn to TD. Mudloggers will call final TD. Est bottom perf ~20' above the est TD.

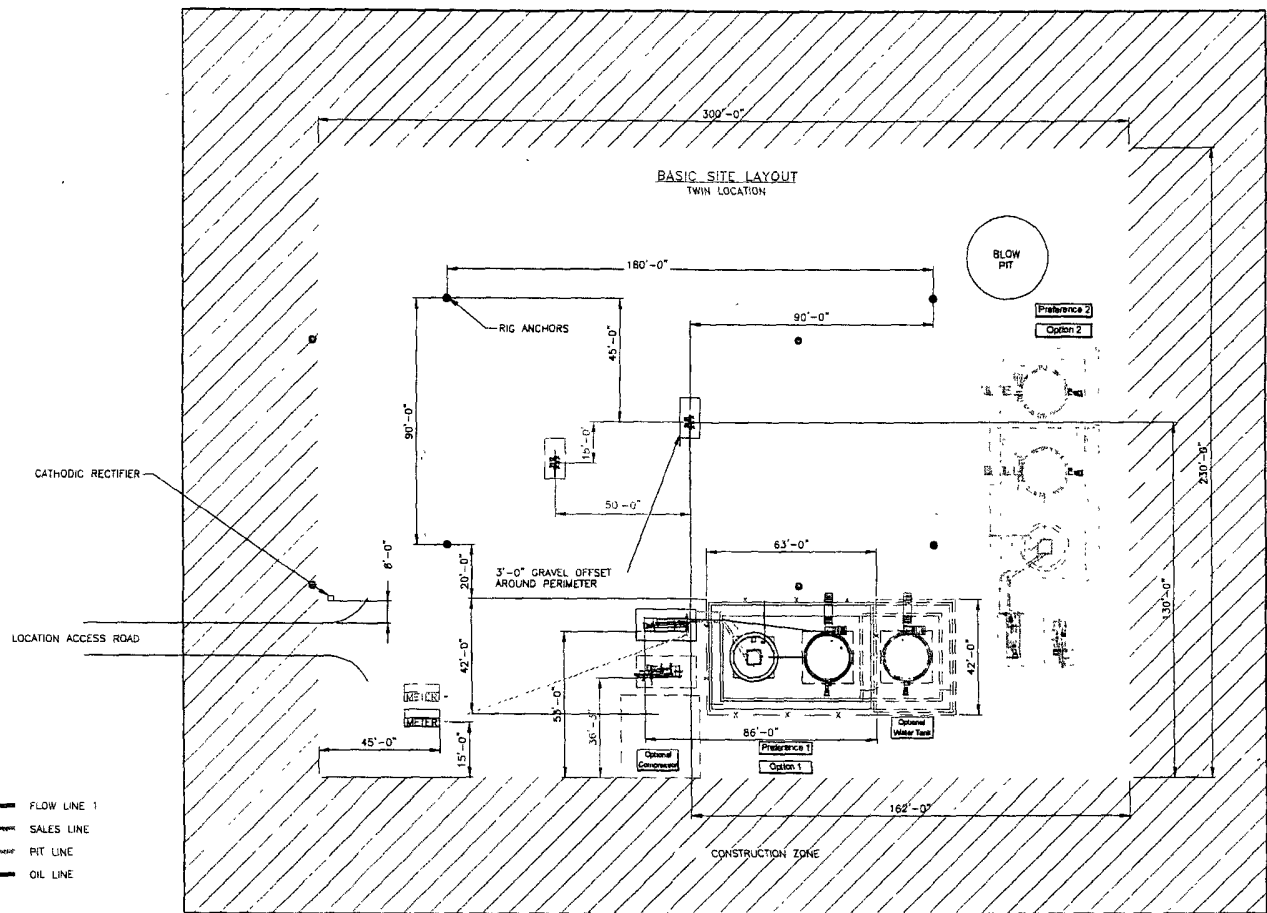
Additional Information:

Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks

ConocoPhillips or its affiliates
 Planning Report

Database:	EDM Central Planning	Local Co-ordinate Reference:	Well SJ 29-7 #75N
Company:	ConocoPhillips SJB	TVD Reference:	RKB @ 6296.0ft (Original Well Elev)
Project:	San Juan Basin - New Mexico Wells	MD Reference:	RKB @ 6296.0ft (Original Well Elev)
Site:	San Juan 29 Wells	North Reference:	True
Well:	SJ 29-7 #75N	Survey Calculation Method:	Minimum Curvature
Wellbore:	Principal Wellbore		
Design:	Plan #1		

Formations						
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)	
3,349.1	3,101.0	Pictured Cliffs		0.00		
7,503.3	7,254.0	Greenhorn		0.00		
7,747.3	7,498.0	Lower Cubero		0.00		
7,561.3	7,312.0	Graneros		0.00		
6,777.3	6,528.0	Upper Gallup		0.00		
5,043.3	4,794.0	Mass. Cliffhouse		0.00		
4,000.3	3,751.0	Huerfanito Bentonite		0.00		
7,717.3	7,468.0	Upper Cubero		0.00		
5,993.3	5,744.0	Mancos		0.00		
3,547.2	3,298.0	Lewis		0.00		
2,928.4	2,696.0	Fruitland		0.00		
7,817.3	7,568.0	Encinal		0.00		
2,539.6	2,348.0	Kirtland		0.00		
4,320.3	4,071.0	Chacra		0.00		
5,525.3	5,276.0	Point Lookout		0.00		
7,607.3	7,358.0	Two Wells		0.00		
5,200.3	4,951.0	Menefee		0.00		
2,414.5	2,238.0	Ojo		0.00		



SEE SHEET 3 & 4 FOR PIPING DETAILS
ALL UNDERGROUND PIPE IS TO BE BURIED A MIN. OF 3'-0" TOP

SHEET 1 OF 5

NO.	DESCRIPTION	DATE	BY	CHK'D	ENG	DISC	PRJ	ENGINEERING REVIEW			REFERENCE DRAWINGS		CONOCOPHILLIPS HIGH PRESSURE 3 PHASE FACILITY DIAGRAM - SITE LAYOUT	CLIENT No.	CLIENT APPR.	APPR DATE	SCALE NONE	CREATION DATE 6/30/07	DWG No. HP3PHASE-REV1	SHEET No. 1 of 5
								DESCRIBE	REVIEWED	DATE	NO.	DESCRIPTION								
1																				
2																				
3																				
4																				
5																				
6																				
7																				
8																				
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SAN JUAN BUSINESS UNIT

REFERENCE INFORMATION

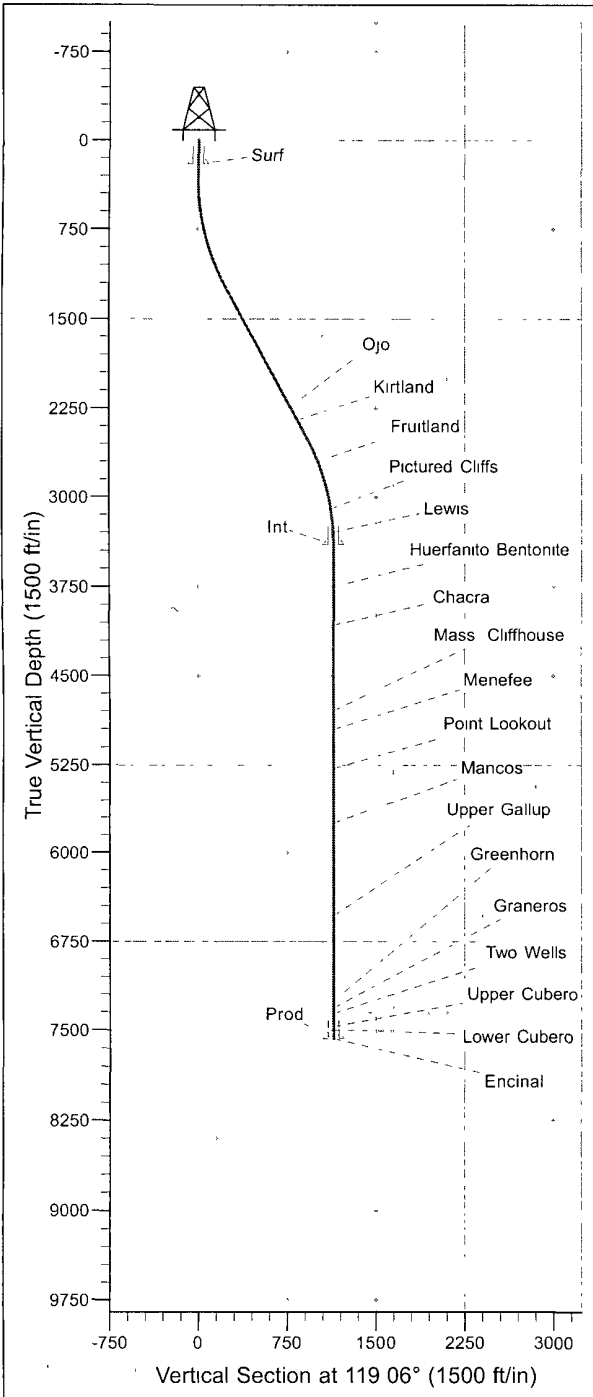
RKB @ 6296.0ft (Original Well Elev)
 Ground Elevation 6281.0
 Reference Lat: 36° 42' 27.960 N
 Reference Long: 107° 32' 12.834 W

Project: San Juan Basin - New Mexico Wells
 Site: San Juan 29 Wells
 Well: SJ 29-7 #75N
 Wellbore: Principal Wellbore
 Design: Plan #1



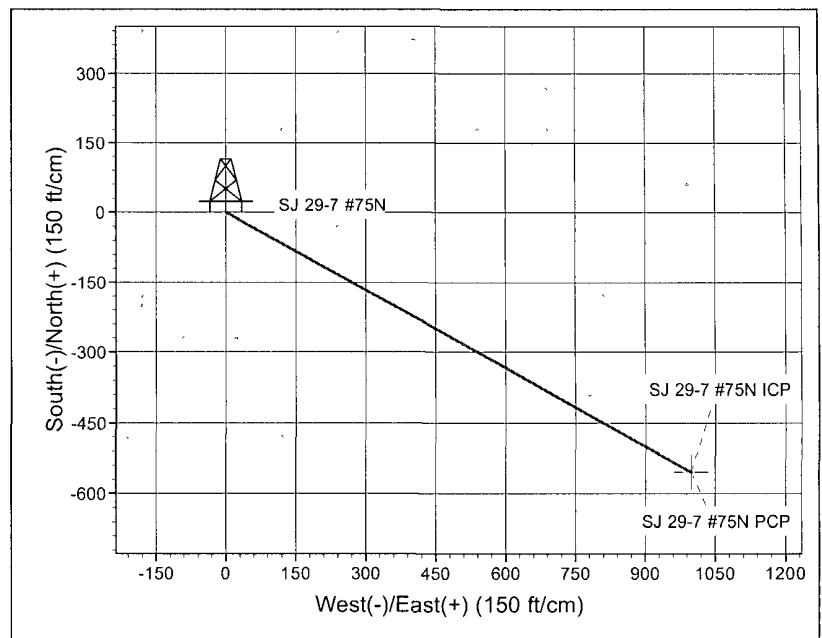
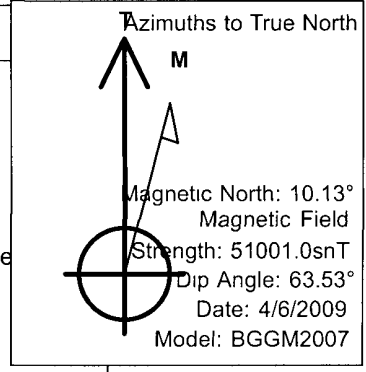
SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	320.0	0.00	0.00	320.0	0.0	0.0	0.00	0.00	0.0	
3	1267.0	28.41	119.06	1228.6	-111.7	201.1	3.00	119.06	230.0	
4	2700.3	28.41	119.06	2489.4	-442.9	797.2	0.00	0.00	911.9	
5	3647.3	0.00	0.00	3398.0	-554.6	998.2	3.00	180.00	1141.9	SJ 29-7 #75N ICP
6	7817.3	0.00	0.00	7568.0	-554.6	998.2	0.00	0.00	1141.9	SJ 29-7 #75N PCP



FORMATION TOP DETAILS

TVDPath	MDPath	Formation
2238.0	2414.5	Ojo
2348.0	2539.6	Kirtland
2696.0	2928.4	Fruitland
3101.0	3349.1	Pictured Cliffs
3298.0	3547.2	Lewis
3751.0	4000.3	Huerfanito Bentonite
4071.0	4320.3	Chacra
4794.0	5043.3	Mass. Cliffhouse
4951.0	5200.3	Menefee
5276.0	5525.3	Point Lookout
5744.0	5993.3	Mancos
6528.0	6777.3	Upper Gallup
7254.0	7503.3	Greenhorn
7312.0	7561.3	Graneros
7358.0	7607.3	Two Wells
7468.0	7717.3	Upper Cubero
7498.0	7747.3	Lower Cubero
7568.0	7817.3	Encinal



Directions from the Post Office
in Blanco, NM
to
Burlington Resources Oil & Gas Company LP
SAN JUAN 29-7 UNIT 75N
1365' FSL & 1815' FEL,
Section 23, T29N, R7W, N.M.P.M., Rio Arriba County,
New Mexico
Lat: 36° 42' 27.98425" N
Long: 107° 32' 15.01523" W
Nad 1983

Take Highway 64 East for 19.1 miles,
Turn right (southerly) through two gates for 0.3 miles,
Turn left (southeasterly) 0.2 miles,
to the newly staked location twinned on existing well pad,
SAN JUAN 29-7 UNIT 75A.