

RECEIVED

APR 15 2008

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

bureau of Land Management
Farmington Field Office

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	5. Lease Number USA SF-079391 Unit Reporting Number NMNM-78409A-DK
1b. Type of Well GAS	6. If Indian, All. or Tribe RCVD MAY 14 '08
2. Operator BURLINGTON RESOURCES Oil & Gas Company, LP	7. Unit Agreement Name OIL CONS. DIV. San Juan 27-5 Unit DIST. 3
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name
4. Location of Well Surf: Unit L(NWSW), 2626' FSL & 185' FWL Bottomhole: H(SENE), 2586' FNL & 20' FEL Surf: Latitude 36.588791° N Longitude 107.408930° W Btm: Latitude 36.588965° N Longitude 107.390965° W	9. Well Number #126E 10. Field, Pool, Wildcat Basin Dakota 11. Sec., Twn, Rge, Mer. (NMPM) L Sec. 7, T27N, R5W API # 30-039-30518
14. Distance in Miles from Nearest Town 36 miles/Blanco	12. County Rio Arriba
15. Distance from Proposed Location to Nearest Property or Lease Line 20'	13. State NM
16. Acres in Lease 2563.120	17. Acres Assigned to Well 642.04 Acres
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 1720' from SJ 27-5 #46 - MV/PC	
19. Proposed Depth 7739'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6636' GR	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>Sasha Spangler</u> Sasha Spangler (Regulatory Technician)	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 3

Bond Numbers NMB-000015 and NMB-000089

MAY 15 2008

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
GENERAL REQUIREMENTS.

Hold C104

for Directional Survey
and "As Drilled" plat

NMOCD

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

NOTIFY AZTEC OCD 24 HRS.
PRIOR TO CASING & CEMENT

RECEIVED

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

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, N.M. 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

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

APR 15 2008

Form C-102
Revised October 12, 2005
Bureau of Land Management
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-30518	² Pool Code 71599	³ Pool Name BASIN DAKOTA
⁴ Property Code 7454	⁵ Property Name SAN JUAN 27-5 UNIT	⁶ Well Number 126E
⁷ GRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP.	⁹ Elevation 6636

¹⁰ Surface Location

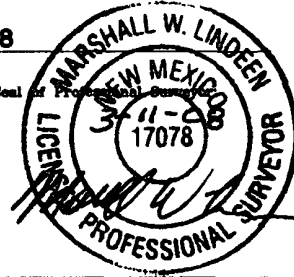
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	7	27 N	5 W		2626	SOUTH	185	WEST	RIO ARriba

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
H	7	27 N	5 W		2586	NORTH	20	EAST	RIO ARriba

¹² Dedicated Acres 642.04	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. R-12868C project area
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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

16 N 89°36'22" E 2742.23'	N 89°37'10" E 2714.31'	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. <u>Crystal Walker</u> 3/11/08 Signature Date Crystal Walker 3-11-08 Printed Name
2633.48'	2586'	
N 0°05'46" E	NAD 83 LAT: 36.588965° N LONG: 107.390965° W NAD 27 LAT: 36° 35.3374' N LONG: 107° 25.4217' W	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. 3/03/08 Date of Survey Signature and Seal of Professional Surveyor  17078 Certificate Number
USA SF-079391	SECTION 7	
185'	NAD 83 LAT: 36.588791° N LONG: 107.408930° W NAD 27 LAT: 36° 35.3269' N LONG: 107° 24.4996' W	2616.10'
2631.01'	126E	
N 0°03'18" E	2626'	S 0°35'07" E 2616.10'
S 89°34'47" W	2762.34'	
	S 89°36'22" W	2745.85'

○ = SURFACE LOCATION
● = BOTTOM HOLE LOCATION

District I

Energy, Minerals and Natural Resources

May 27, 2004

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Ave., Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO.

30-039-30518

5. Indicate Type of Lease

STATE ☐FEE ☐

6. State Oil & Gas Lease No.

SF-079391

7. Lease Name or Unit Agreement Name

San Juan 27-5 Unit

8. Well Number

#126E

9. OGRID Number

14538

10. Pool name or Wildcat

Basin Dakota

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:

Oil Well ☐Gas Well ☒

Other

2. Name of Operator

BURLINGTON RESOURCES OIL & GAS COMPANY LP

3. Address of Operator

3401 E. 30TH STREET, FARMINGTON, NM 87402

4. Well Location

Unit Letter L : 2626 feet from the South line and 185 feet from the West lineSection 7 Township 27N Rng 5W NMPM County Rio Arriba

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

6636' GR

Pit or Below-grade Tank Application

☐ or Closure ☐Pit type Workover Depth to Groundwater >100' Distance from nearest fresh water well>1000' Distance from nearest surface water

Pit Liner Thickness:

12

mil

Below-Grade Tank:

Volume

4400

bbls;

Construction Material

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐TEMPORARILY ABANDON ☐PULL OR ALTER CASING ☐PLUG AND ABANDON ☐CHANGE PLANS ☐MULTIPLE COMPL ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐COMMENCE DRILLING OPNS. ☐CASING/CEMENT JOB ☐ALTERING CASING ☐P AND A ☐

OTHER:

New Drill ☒OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

New Drill, Lined:

Burlington Resources proposes to construct a new drilling pit, an associated vent/flare pit and a pre-set mud pit (if required). Based on Burlington's interpretation of the Ecosphere's risk ranking criteria, the new drilling pit and pre-set mud pit will be lined pits as detailed in Burlington's Revised Drilling / Workover Pit Construction / Operation Procedures dated November 11, 2004 on file at the NMOCDD office. A portion of the vent/flare pit will be designed to manage fluids and that portion will be lined as per the risk ranking criteria. Burlington Resources anticipates closing these pits according to the Drilling / Workover Pit Closure Procedure dated August 2, 2004 on file at the NMOCDD office.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCDD guidelines ☐, a general permit ☒ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE

TITLE

Regulatory Technician

DATE

4/4/2008

Type or print name

Crystal Walker

E-mail address:

crystal.walker@conocophillips.com

Telephone No.

505-326-9837

For State Use Only

APPROVED BY

TITLE

Deputy Oil & Gas Inspector,
District #3

DATE

MAY 15 2008

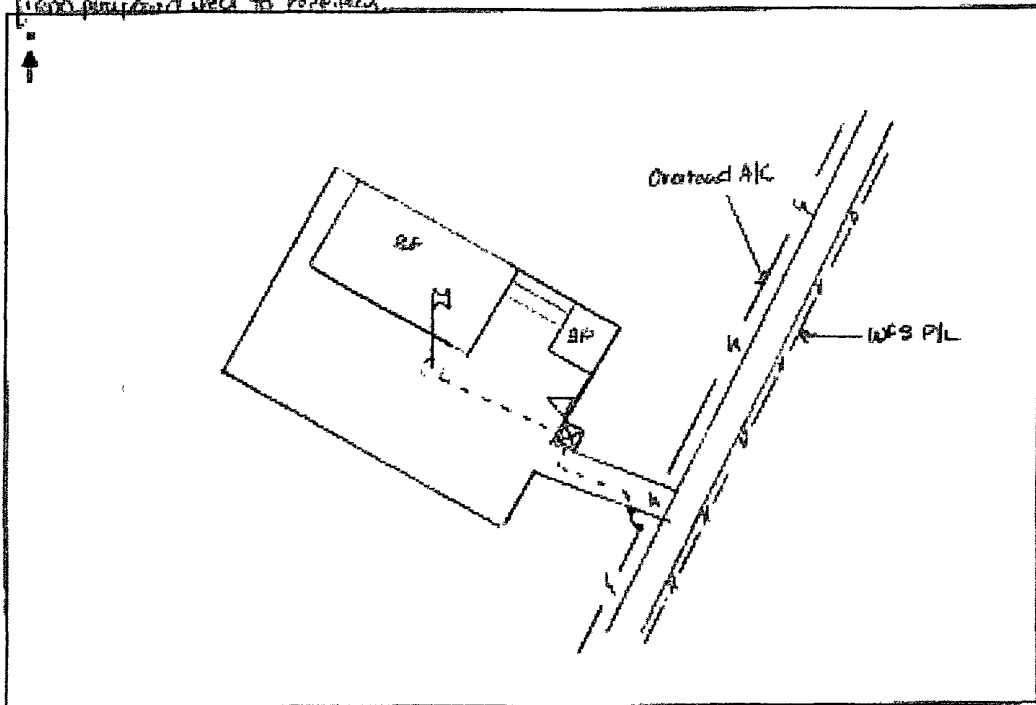
Conditions of Approval (if any):



CATHODIC PROTECTION PLAN FOR NEW WELLS

WELL NAME SF 27-S 9124E LEGALS 6-7-27-5 COUNTY Bio Arriba

PURPOSED C.P. SYSTEM: Drill G.S. and set cathode on SE edge of formation (N side of line proposed access). Set anode pole on S side of proposed access near existing steel pole. Trench across 500' of A/C from anode pole to cathode. Trench over 200' of S.B. neg. lead proposed well to cathode.



EXISTING WELLHEAD	METER HOUSE	C/S	POWER SOURCE	CABLE	WELLS	OVERHEAD A/C

COMMENTS:

NEAREST POWER SOURCE Overhead A/C DISTANCE: 320'
PIPELINES IN AREA: WES PL

TECHNICIAN: Michael J. [Signature] DATE: 11/8/2007

[Handwritten initials]

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 27-5 UNIT HZ 126E

DEVELOPMENT

Lease:		AFE #: WAN.ZA2.5417		AFE \$: 6,166,100.00	
Field Name: hBR_SAN JUAN 27-5 UNIT		Rig: Aztec Rig 730		State: NM	County: RIO ARRIBA
Geologist:		Phone:		Geophysicist:	
Geoscientist:		Phone:		Prod. Engineer:	
Res. Engineer: Prabowo, Wahyu		Phone: 505-326-9797		Proj. Field Lead:	
Phone:				Phone:	
Primary Objective (Zones):					
Zone	Zone Name				
R20076	DAKOTA(R20076)				
Location: Surface					
Datum Code: NAD 27		Deviated			
Latitude: 36.588782	Longitude: -107.408327	X:	Y:	Section: 07	Range: 005W
Footage X: 185 FWL	Footage Y: 2626 FSL	Elevation: 6636	(FT)	Township: 027N	
Tolerance:					
Location: Bottom Hole					
Datum Code: NAD 27		Deviated			
Latitude: 36.588956	Longitude: -107.390363	X:	Y:	Section: 07	Range: 005W
Footage X: 20 FEL	Footage Y: 2586 FNL	Elevation:	(FT)	Township: 027N	
Tolerance:					
Location Type: Restricted		Start Date (Est.): 1/1/2008		Completion Date:	
				Date In Operation:	
Formation Data: Assume KB = 6651 Units = FT					
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT
Surface Casing	215	6436	☐		
OJO ALAMO	2781	3870	☐		
KIRTLAND	2891	3760	☐		
FRUITLAND	3211	3440	☐		Possible Gas
PICTURED CLIFFS	3416	3235	☐		
LEWIS	3566	3085	☐		
Intermediate Casing	3666	2985	☐		12-1/4", 9-5/8" casing , cemented to suface.
HUERFANITO BENTONITE	3951	2700	☐		
CHACRA	4370	2281	☐		
UPPER CLIFF HOUSE	4986	1665	☐		
MASSIVE CLIFF HOUSE	5069	1582	☐	660	Gas
MENEFEE	5231	1420	☐		
MASSIVE POINT LOOKOUT	5576	1075	☐		
MANCOS	5926	725	☐		
UPPER GALLUP	6572	79	☐		
GREENHORN	7516	-865	☐		
GRANEROS	7580	-929	☐		
TWO WELLS	7609	-958	☐	2590	Gas
CBRO AT 5000'	7830	-1179	☐		
CBRO AT 4000'	7830	-1179	☐		
CBRO AT 5200'	7830	-1179	☐		
Total Depth	7830	-1179	☐		
CBRO AT 4500'	7830	-1179	☐		

PROJECT PROPOSAL - New Drill / Sidetrack

SAN JUAN 27-5 UNIT HZ 126E

DEVELOPMENT

CBRO AT 3000'	7831	-1180	☐	8-3/4" hole, 7" casing, circulated cement to 200' above 9-5/8" shoe.
CBRO AT 3500'	7831	-1180	☐	
CBRO AT 2500'	7832	-1181	☐	
CBRO AT 2000'	7833	-1182	☐	
CBRO AT 1500'	7834	-1183	☐	
PRODUCTION CASING	7834	-1183	☐	All CBRO depths are actually mid points of 3rd Lower Cubero sand.
CBRO AT 1000	7834	-1183	☐	
CBRO AT 500'	7834	-1183	☐	
CBRO AT 750'	7834	-1183	☐	
CBRO AT 0'	7834	-1183	☐	

Reference Wells:

Reference Type	Well Name	Comments
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Logging Program:

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

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

Mudloggers will be required on this project - see drilling procedure for target depth.

Additional Information:

Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks
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San Juan 27-5 Unit 126E - Well Summary - Revision 0
 Directional Plan (Plan No. 3, Rev 1) accompanies this document

GL 6636'
 KB 6651' (Aztec 730)

description

surface location:

- 1) 7" casing depth, 2) top of productive interval
 1) lateral TD, 2) end of productive interval

location (State of New Mexico)

T27N, R05W, Section 07, 2626' FSL & 185' FWL
 T27N, R05W, Section 07, 2628' FNL & 859' FWL
 T27N, R05W, Section 07, 2586' FNL & 20' FEL

MD ft	TVD ft
NA	NA
8272	7834
12873	7830

17-1/2" Hole and 13-3/8" Casing at 215'

casing description: 13-3/8" 48#/ft, H-40, STC

drilling fluid: water-based mud

cementing program: Cement to surface with 488 ft3 (volume includes 200% excess), mixed at 15.2 ppg with calcium chloride to accelerate, compressive strength 500 psi after 8 hours.

centralizers: one at 10' above shoe and one on each casing collar.

12-1/4" Hole and 9-5/8" Casing at 3666' (MD and TVD)

casing description: 9-5/8" 36#/ft, J-55, LTC

drilling fluid: water-based mud

cementing program: Cement to surface with 2532 ft3 (volume includes 125% excess in open hole) placing tail (or first stage) from shoe to 100' above Fruitland at 14.6 ppg and lead (or second stage) from 100' above Fruitland to surface at 12.1 ppg.

centralizers: one at 10' above shoe, one per two joints to 100' above top of Fruitland, one per joint across Ojo Alamo.

8-3/4" Hole & 7" Casing at 8272' MD / 7834' TVD

casing description: 7" 26#/ft, L-80, LTC

drilling fluid: water-based mud

cementing program: Cement to 100' above 9-5/8" casing shoe with 1660 ft3 (volume includes 50% excess in open hole) mixed at 11.5 ppg with tail slurry of 12.5 ppg (minimum) from shoe to base of Mancos.

centralizers: tandem-rise, one at 10' above shoe, one at 30' above shoe, one at 10' above float collar and one each on casing collars of 2nd, 3rd, 4th and 5th joints, bow centralizers, 1 per 2 joints from 5000' to 5300' (Cliffhouse) and from 5500' to 6000' (Point Lookout).

Lateral: 6-1/8" Hole to 12873' MD

casing description: no casing

drilling fluid: nitrified water

mcb 11apr08



Project: SAN JUAN BASIN
Site: SEC 7-T27N-R5W
Well: SJ 27-5 #126E
Wellbore: OH Lateral #1
Design: Plan #3 Rev #1



SECTION DETAILS

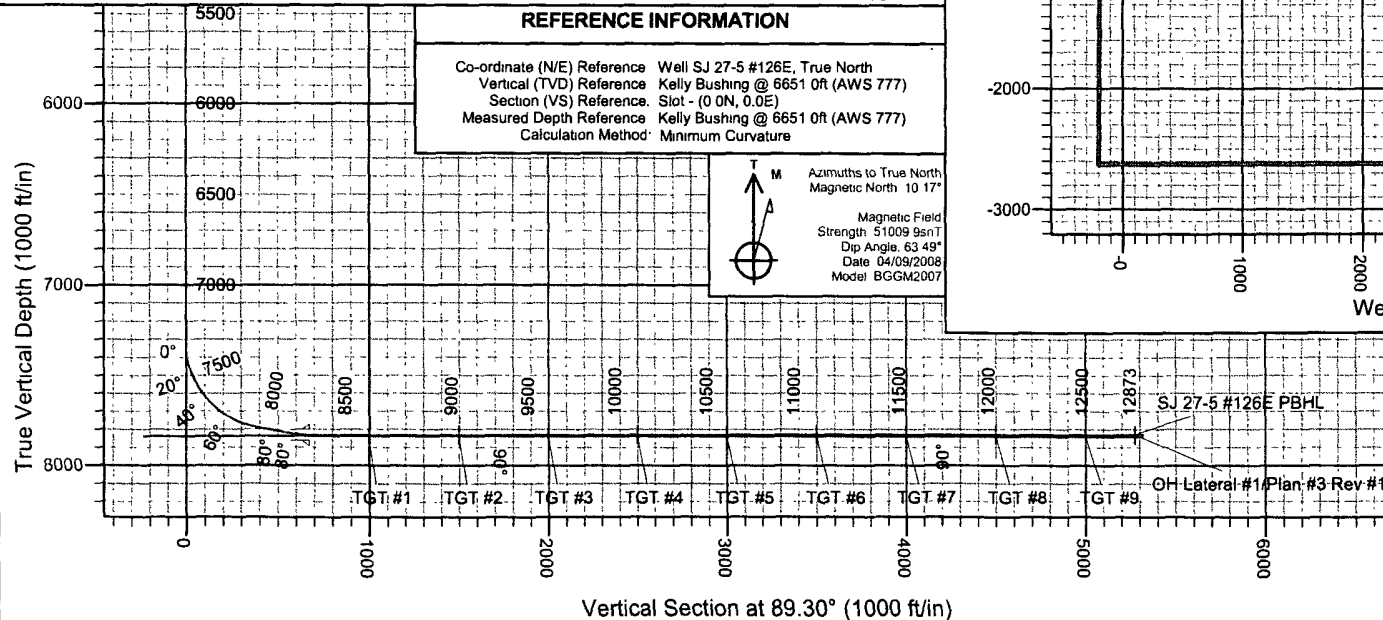
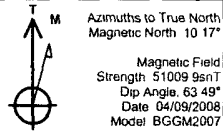
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	7322.0	0.00	0.00	7322.0	0.0	0.0	0.00	0.00	0.0	
3	7988.7	80.00	89.30	7792.2	4.8	394.5	12.00	89.30	394.6	
4	8188.7	80.00	89.30	7826.9	7.2	591.5	0.00	0.00	591.5	
5	8272.0	80.00	89.30	7834.2	8.2	674.4	12.00	0.00	674.4	
6	8597.6	90.07	89.30	7834.0	12.2	999.9	0.02	0.00	1000.0	TGT #1
7	9097.6	89.93	89.30	7834.0	18.3	1499.9	0.03	180.00	1500.0	TGT #2
8	9108.8	90.12	89.30	7834.0	18.4	1509.1	2.00	0.00	1509.2	
9	9597.6	90.12	89.30	7833.0	24.4	1999.9	0.00	0.00	2000.0	TGT #3
10	10097.6	90.11	89.30	7832.0	30.5	2499.8	0.00	0.00	2500.0	TGT #4
11	10597.6	90.12	89.30	7831.0	36.7	2999.8	0.00	0.00	3000.0	TGT #5
12	11097.6	90.11	89.30	7830.0	42.8	3499.7	0.00	0.00	3500.0	TGT #6
13	11103.3	90.00	89.30	7830.0	42.8	3505.4	2.00	180.00	3505.7	
14	11597.6	90.00	89.30	7830.0	48.9	3999.7	0.00	0.00	4000.0	TGT #7
15	12097.6	90.00	89.30	7830.0	55.0	4499.7	0.00	0.00	4500.0	TGT #8
16	12597.6	90.00	89.30	7830.0	61.1	4999.6	0.00	0.00	5000.0	TGT #9
17	12872.6	90.00	89.40	7830.0	64.2	5274.6	0.04	89.27	5275.0	SJ 27-5 #126E PBHL

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
SJ 27-5 #126E PBHL	7830.0	64.2	5274.6	2033930.15	630047.68	Point
TGT #6	7830.0	42.8	3499.7	2033900.86	628273.05	Point
TGT #7	7830.0	48.9	3999.7	2033909.18	628772.95	Point
TGT #8	7830.0	55.0	4499.7	2033917.50	629272.85	Point
TGT #9	7830.0	61.1	4999.6	2033925.81	629772.74	Point
TGT #5	7831.0	36.7	2999.8	2033892.54	627773.15	Point
TGT #4	7832.0	30.5	2499.8	2033884.22	627273.25	Point
TGT #3	7833.0	24.4	1999.9	2033875.90	626773.36	Point
TGT #1	7834.0	12.2	999.9	2033859.27	625773.56	Point
TGT #2	7834.0	18.3	1499.9	2033867.58	626273.46	Point
E/W Quarter Sec Line	7840.0	0.0	0.0	2033842.63	624773.76	Polygon
N/S Quarter Sec Line	7840.0	0.0	0.0	2033842.63	624773.76	Polygon
Section Lines (7-T27N-R5W)	7840.0	0.0	0.0	2033842.63	624773.76	Polygon

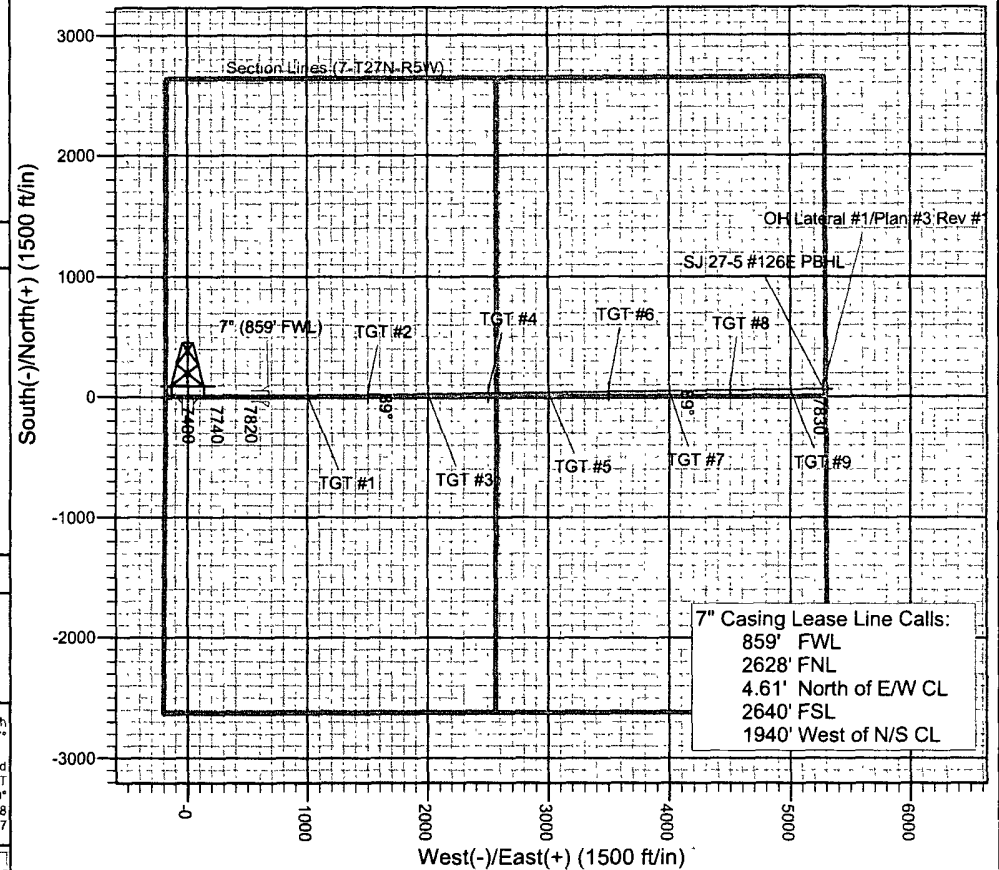
REFERENCE INFORMATION

Co-ordinate (N/E) Reference Well SJ 27-5 #126E, True North
Vertical (TVD) Reference Kelly Bushing @ 6651.0ft (AWS 777)
Section (VS) Reference Slot - (0.0N, 0.0E)
Measured Depth Reference Kelly Bushing @ 6651.0ft (AWS 777)
Calculation Method: Minimum Curvature



WELL DETAILS: SJ 27-5 #126E

Ground Level: 6636.0
+N/-S +E/-W Northing Easting Latitude Longitude Slot
0.0 0.0 2033842.63 624773.76 36° 35' 19.615 N 107° 24' 29.977 W



PROJECT DETAILS

Geodetic System US State Plane 1927 (Exact solution)
Datum: NAD 1927 (NADCON CONUS)
Ellipsoid Clarke 1866
Zone New Mexico West 3003
System Datum: Mean Sea Level

SITE DETAILS: SEC 7-T27N-R5W

Rio Arriba County NM
Site Centre Latitude 36° 35' 19.788 N
Longitude 107° 24' 30.276 W
Positional Uncertainty 15.0
Convergence NA
Local North True

Database:	EDM 2003.16 Single User Db	Local Co-ordinate Reference:	Well SJ 27-5 #126E
Company:	ConocoPhillips	TVD Reference:	Kelly Bushing @ 6651.0ft (AWS 777)
Project:	SAN JUAN BASIN	MD Reference:	Kelly Bushing @ 6651.0ft (AWS 777)
Site:	SEC 7-T27N-R5W	North Reference:	True
Well:	SJ 27-5 #126E	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH Lateral #1		
Design:	Plan #3 Rev #1		

Casing Points

Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")
215.0	215.0	Surface Casing	13-3/8	17-1/2
3,666.0	3,666.0	9 5/8"	9-5/8	12-1/4
8,272.0	7,834.2	7" (859' FWL)	7	8-3/4

Formations

Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
2,781.0	2,781.0	Ojo Alamo			
2,891.0	2,891.0	Kirtland			
3,211.0	3,211.0	Fruitland			
3,416.0	3,416.0	Pictured Cliffs			
3,566.0	3,566.0	Lewis			
3,951.0	3,951.0	Huefanito Bentonite			
4,370.0	4,370.0	Chacra			
4,986.0	4,986.0	Upper Cliffhouse			
5,069.0	5,069.0	Massive Cliffhouse			
5,231.0	5,231.0	Menefee			
5,576.0	5,576.0	Masiive Point Lookout			
5,926.0	5,926.0	Mancos			
6,572.0	6,572.0	Upper Gallup			
7,521.8	7,516.0	Greenhorn			
7,594.6	7,580.0	Graneros			
7,629.9	7,609.0	Two Wells			

SEE SHEET 5 & 4 FOR PILING DETAILS
ALL UNDERGROUND PIPE IS TO BE SURFED A MIN. OF 3'-0" TOP

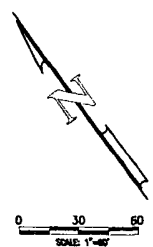
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BURLINGTON RESOURCES OIL & GAS COMPANY LP.

SECTION 7, T-27-N, R-5-W, N.M.P.M., RIO ARRIBA COUNTY, N.M.

PROPOSED GRADED ELEVATION: 6636 - DATE: MARCH 3, 2008



WELLPAD = 2.19 ACRES
TEMPORARY CONSTRUCTION = 1.51 ACRES
TOTAL = 3.70 ACRES

LATITUDE 36°35'32.69" N LONGITUDE 107°24'49.96" W NAD 27

PAD CONSTRUCTION SPECS

- 1 RAMP INTO PIT CONSTRUCTED FROM PAD GRADE
INTO FLARE AREA AT 5% SLOPE
- 2 APPROXIMATE 13x75' PIT AREA LINED WITH 12 MIL POLYMER
- 3 RESERVE PIT DIKE TO BE 6' ABOVE DEEP SIDE (OVERFLOW-
3' WIDE AND 6' ABOVE SHALLOW SIDE)
- 4 EDGE OF TEMPORARY CONSTRUCTION DEFINED IN FIELD W/ 1" T-POST

NOTES

- 1) CONTRACTOR SHOULD CALL "ONE-CALL" FOR LOCATION OF ANY MARKED OR UNMARKED BURIED PIPELINES OR CABLES ON WELLPAD AND OR ACCESS ROAD AT LEAST TWO (2) WORKING DAYS PRIOR TO CONST
- 2) UNITED FIELD SERVICES, INC IS NOT LIABLE FOR UNDERGROUND UTILITIES OR PIPELINES.

SURVEYED: 6/06/07

REV. DATE. 3/08/08

APP. BY MWL

DRAWN BY: H.S.

DATE RECEIVED:

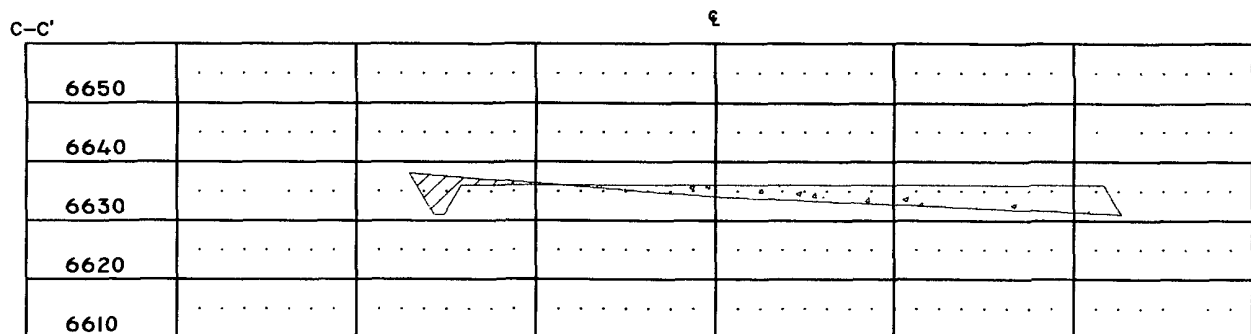
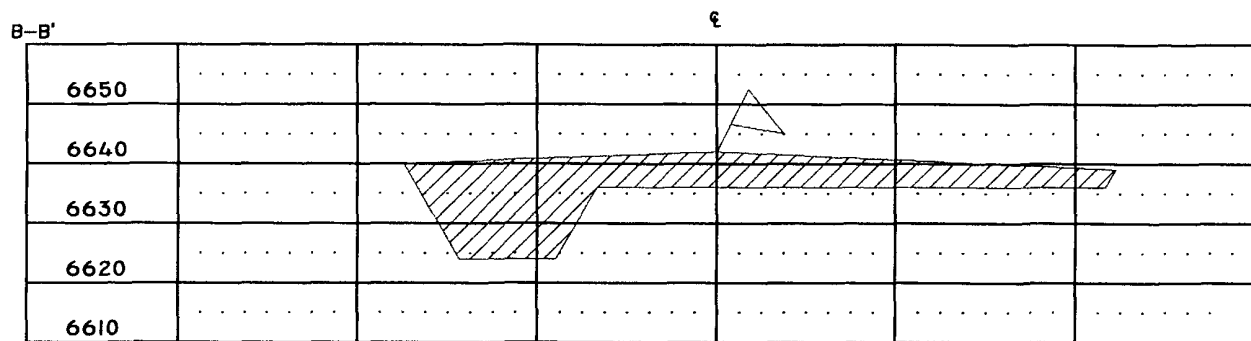
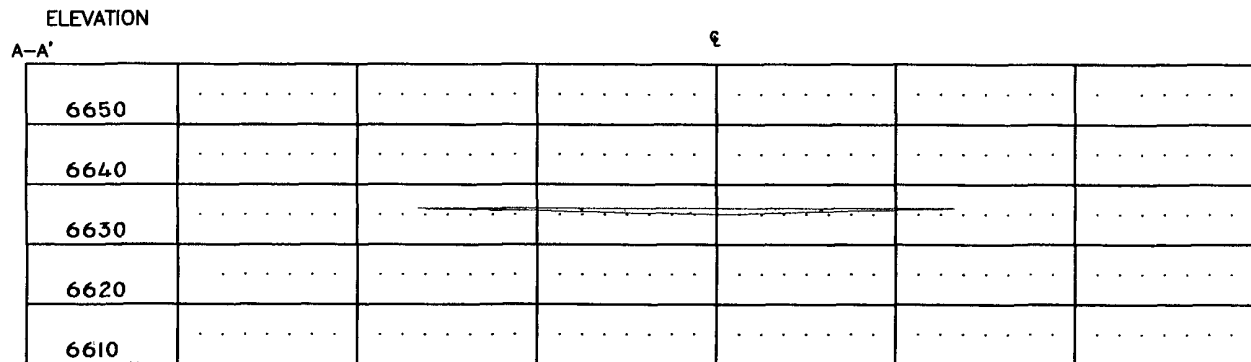
FILE NAME: 7677403



P.O. BOX 3651
FARMINGTON, NM 87499
OFFICE: (505)334-0408

BURLINGTON RESOURCES OIL & GAS COMPANY LP.
 SAN JUAN 27-5 UNIT 126E - 2626' FSL & 185' FWL (SURFACE)
 2586' FNL & 20' FEL (BOTTOM)

SECTION 7, T-27-N, R-5-W, N.M.P.M., RIO ARriba COUNTY, N.M.
 PROPOSED GRADED ELEVATION: 6636 - DATE: MARCH 3, 2008



1" = 60' - HORIZONTAL
 1" = 30' - VERTICAL

NOTES:

- 1.) CONTRACTOR SHOULD CALL "ONE-CALL" FOR LOCATION OF ANY MARKED OR UNMARKED BURIED PIPELINES OR CABLES ON WELLPAD AND OR ACCESS ROAD AT LEAST TWO (2) WORKING DAYS PRIOR TO CONST.
- 2.) UNITED FIELD SERVICES, INC. IS NOT LIABLE FOR UNDERGROUND UTILITIES OR PIPELINES.

SURVEYED: 6/06/07	REV. DATE: 3/06/08	APP. BY M.W.L.
DRAWN BY: H.S.	DATE DRAWN: 6/28/07	FILE NAME: 7677C04



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