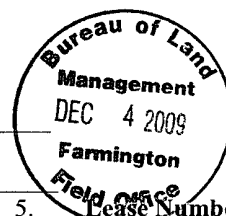


**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

Sundry Notices and Reports on Wells



1. **Type of Well**
GAS
2. **Name of Operator**
BURLINGTON
RESOURCES OIL & GAS COMPANY LP
3. **Address & Phone No. of Operator**
PO Box 4289, Farmington, NM 87499 (505) 326-9700
4. **Location of Well, Footage, Sec., T, R, M**
Surface: Unit I (NESE), 1361' FSL & 982' FEL, Section 21, T28N, R6W, NMPM
Bottomhole: Unit O (SWSE), 820' FSL & 2260' FEL, Section 21, T28N, R6W, NMPM
5. **Lease Number**
SF-079193
6. **If Indian, All. or Tribe Name**
7. **Unit Agreement Name**
San Juan 28-6 Unit
8. **Well Name & Number**
San Juan 28-6 Unit 125M
9. **API Well No.**
30-039-30815
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		
☒ Notice of Intent	☐ Abandonment	☐ Change of Plans	☒ Other -- Move Location
☐ Subsequent Report	☐ Recompletion	☐ New Construction	
☐ Final Abandonment	☐ Plugging	☐ Non-Routine Fracturing	
	☐ Casing Repair	☐ Water Shut off	
	☐ Altering Casing	☐ Conversion to Injection	

**RCVD DEC 9 '09
OIL CONS. DIV.
DIST. 3**

13. Describe Proposed or Completed Operations

Burlington Resources wishes to switch the well locations due to the San Juan 28-6 Unit 125E being deferred and to minimize surface disturbance. The approved APD footages of the San Juan 28-6 Unit 125M are Surface: Unit P (SESE), 1309' FSL & 990' FEL, Sec. 21, T28N, R6W. Bottomhole: Unit O (SWSE), 820' FSL & 2260' FEL, Sec. 21, T28N, R6W. The new footages for the San Juan 28-6 Unit 125M are Unit I (NESE), 1361' FSL & 982' FEL, Sec. 21, T28N, R6W. Bottomhole: Unit O (SWSE), 820' FSL & 2260' FEL. Sec. 21, T28N, R6W. The new plat, project proposal, Directional Drill plan & plots and cut & fill are attached. ✓

Hold C104
for Directional Survey
and "As Drilled" plat

CONDITIONS OF APPROVAL
Adhere to previously issued stipulations.

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

Signed Crystal Tafoya Crystal Tafoya Title Regulatory Technician Date 12/4/2009
QNA 12/7/09

(This space for Federal or State Office use)

APPROVED BY Troy L. Salyers Title Petroleum Engineer Date 12/7/2009
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.

NMOC
BD

PC

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, 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

*API Number 30-039-30815		*Pool Code 71599 / 72319		*Pool Name BLANCO BASIN DAKOTA/MESAVERDE	
*Property Code 7462		*Property Name SAN JUAN 28-6 UNIT			*Well Number 125 M
*OGRID No. 14538		*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP			*Elevation 6481'

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
1	21	28N	6W		1361'	SOUTH	982'	EAST	RIO ARRIBA

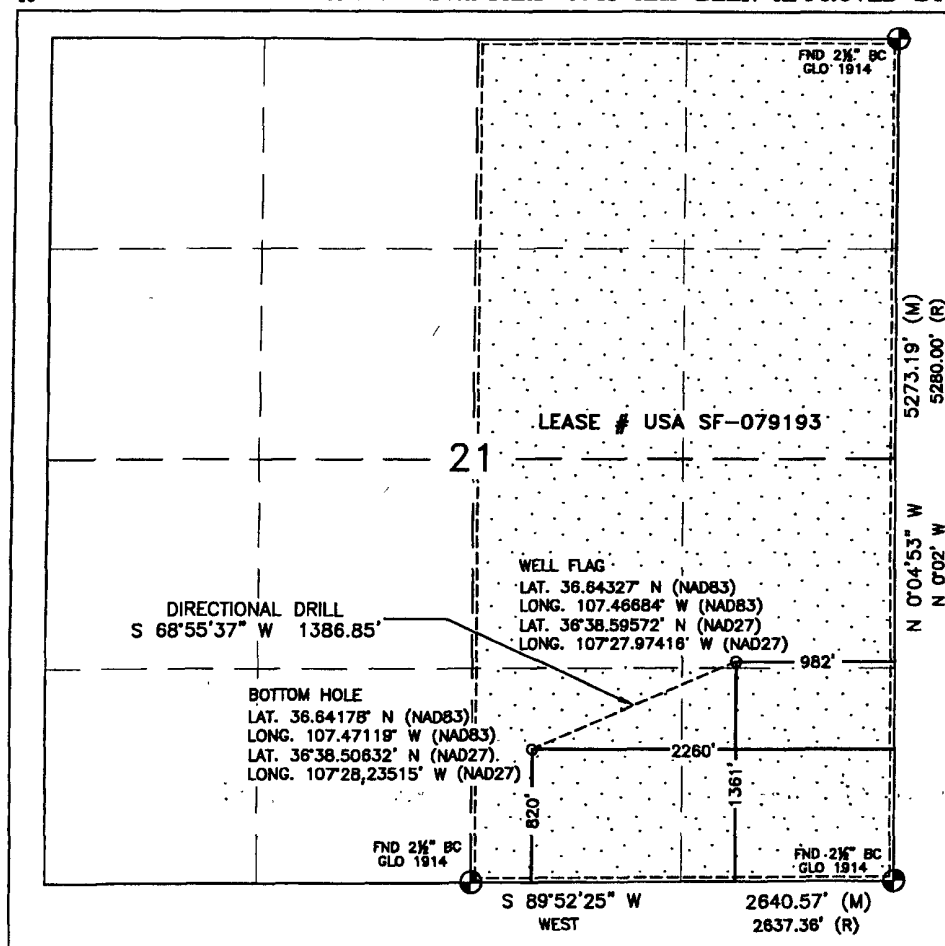
¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	21	28N	6W		820'	SOUTH	2260'	EAST	RIO ARRIBA

*Dedicated Acres 320.0 Acres - (E/2)		*Joint or Infill	*Consolidation Code	*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

16



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 released 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 or a compulsory pooling order heretofore entered by the division.

Crystal Tafoya 12/4/09
Signature Date

Crystal Tafoya 12/4/09
Printed Name

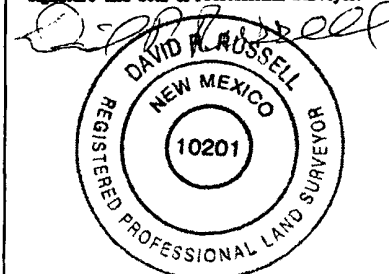
¹⁸ SURVEYOR CERTIFICATION

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.

DECEMBER 2, 2009

Date of Survey

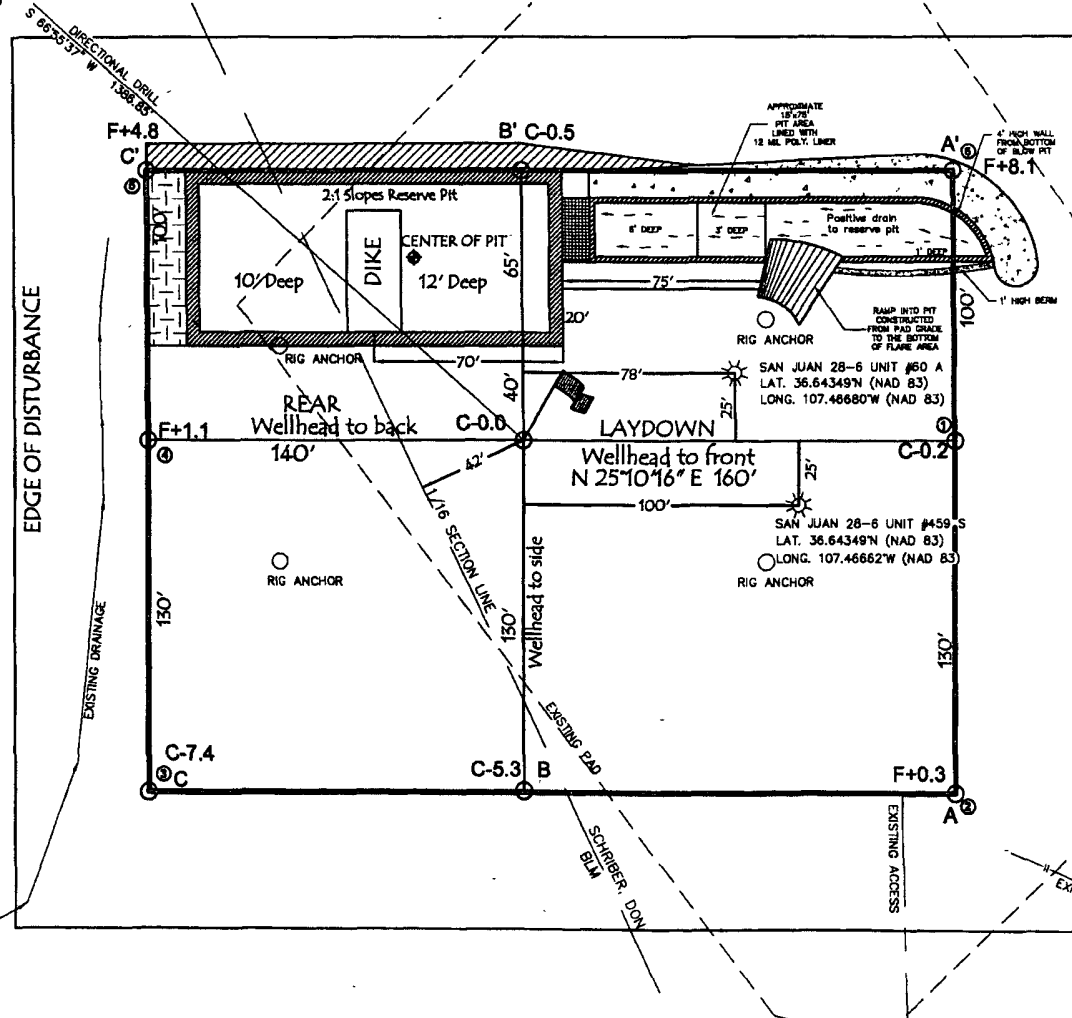
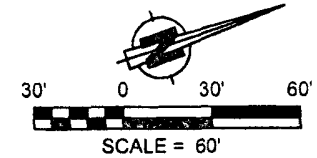
Signature and Seal of Professional Surveyor:



DAVID RUSSELL
Certificate Number 10201

WELL FLAG
 LATITUDE: 36.64327°N
 LONGITUDE: 107.46684°W
CENTER OF PIT
 LATITUDE: 36.64315° N
 LONGITUDE: 107.46714° W
 ELEVATION: 6469.2'
 DATUM: NAD83 & NAVD88

BURLINGTON RESOURCES OIL & GAS COMPANY LP
 SAN JUAN 28-6 UNIT #125 M
 1361' FSL & 982' FEL
 LOCATED IN THE SE/4 SE/4 OF SECTION 21,
 T28N, R6W, N.M.P.M.,
 RIO ARriba COUNTY, NEW MEXICO
 GROUND ELEVATION: 6481', NAVD 88
 FINISHED PAD ELEVATION: 6481.2', NAVD 88



SLOPES TO BE CONSTRUCTED TO MATCH THE ORIGINAL CONTOURS AS CLOSE AS POSSIBLE.

330' x 400' = 3.03 ACRES OF DISTURBANCE
 SCALE: 1" = 60'
 JOB No.: COPC227_REV2
 DATE: 12/02/09

NOTE:
 RESERVE PIT DIKE: TO BE 8' ABOVE DEEP SIDE (OVERFLOW - 3' WIDE AND 1' ABOVE SHALLOW SIDE).
 RUSSELL SURVEYING, INC. IS NOT LIABLE FOR UNDERGROUND UTILITIES OR PIPELINES.
 CONTRACTOR SHOULD CALL ONE-CALL FOR LOCATION OF ANY MARKED OR UNMARKED, BURIED PIPELINES OR CABLES ON WELL PAD, IN CONSTRUCTION ZONE AND/OR ACCESS ROAD AT LEAST TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION.

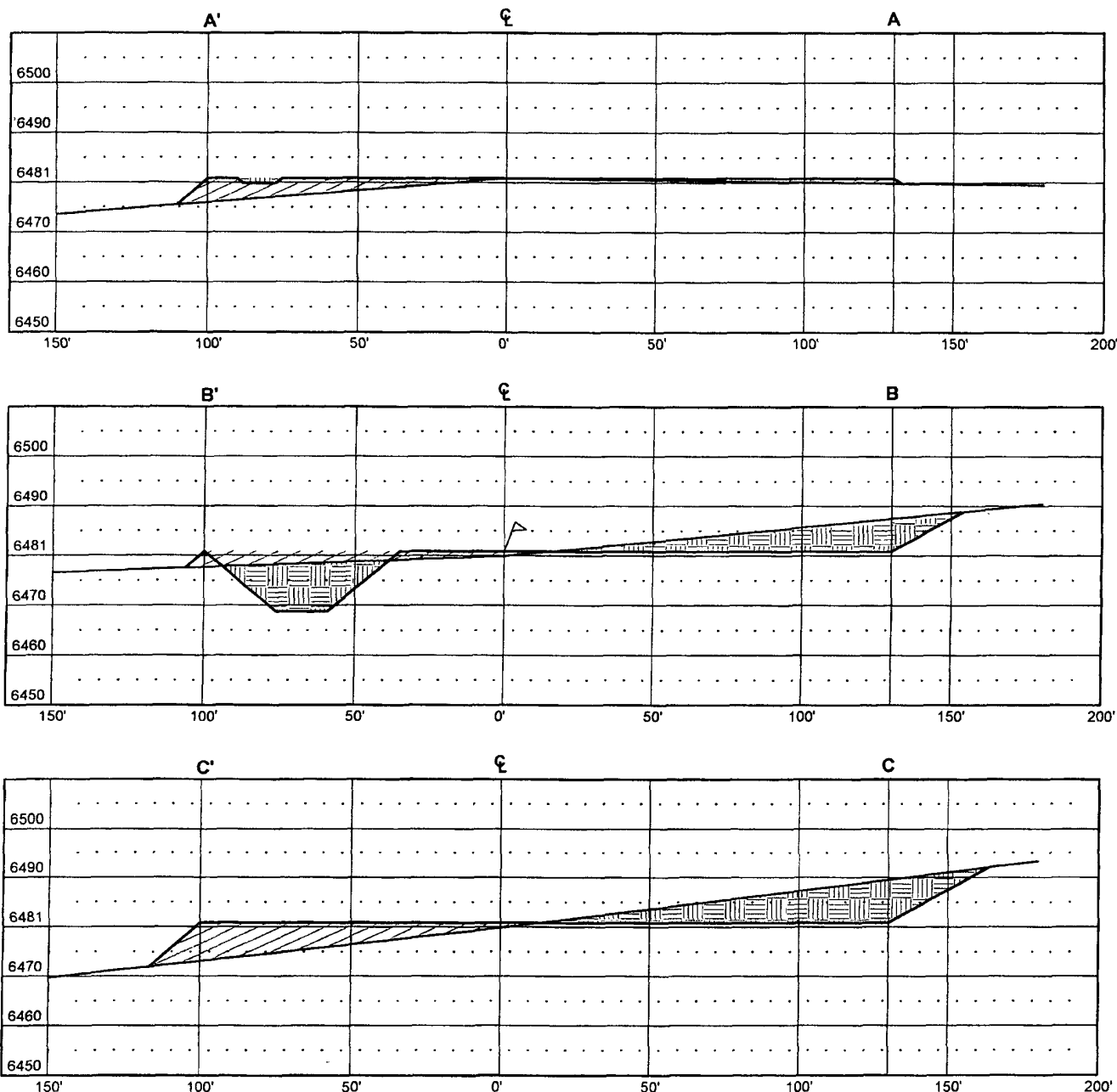


Russell Surveying
 1409 W. Aztec Blvd. #2
 Aztec, New Mexico 87410
 (505) 334-8637

LATITUDE: 36.64327°N
LONGITUDE: 107.46684°W
DATUM: NAD 83

BURLINGTON RESOURCES OIL & GAS COMPANY LP

SAN JUAN 28-6 UNIT #125 M
1361' FSL & 982' FEL
LOCATED IN THE SE/4 SE/4 OF SECTION 21,
T28N, R6W, N.M.P.M.,
RIO ARriba COUNTY, NEW MEXICO
GROUND ELEVATION: 6481', NAVD 88
FINISHED PAD ELEVATION: 6481.2', NAVD 88



THIS DIAGRAM IS AN ESTIMATE OF DIRT BALANCE AND IS NOT INTENDED TO BE AN EXACT MEASURE OF VOLUME

VERT. SCALE: 1" = 30'
HORZ. SCALE: 1" = 50'
JOB No.: COPC227_REV2
DATE: 12/02/09

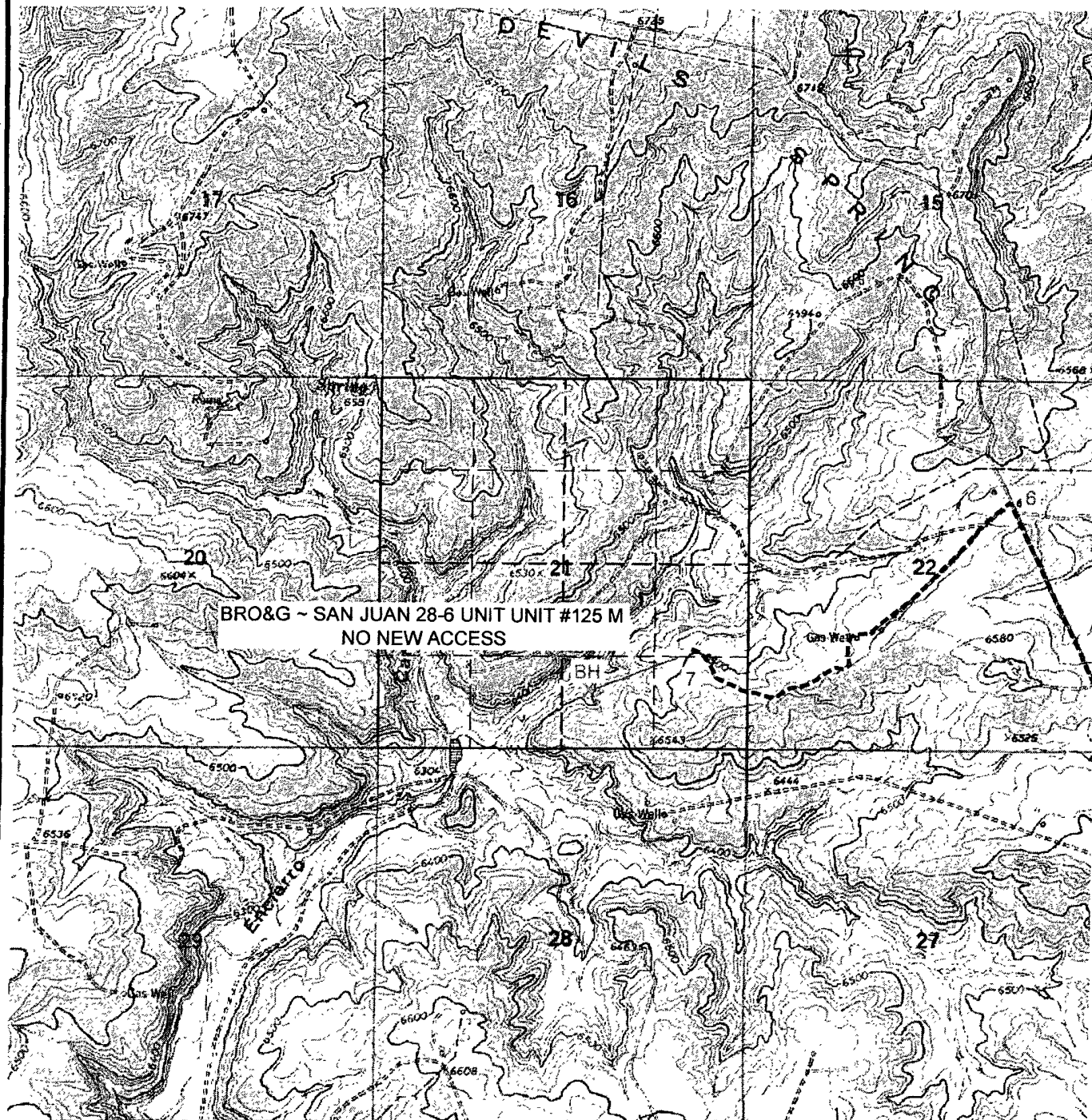


Russell Surveying
1409 W. Aztec Blvd. #2
Aztec, New Mexico 87410
(505) 334-8637

LATITUDE: 36.64327°N
LONGITUDE: 107.46684°W
DATUM: NAD 83

BURLINGTON RESOURCES OIL & GAS COMPANY LP

SAN JUAN 28-6 UNIT #125 M
1361' FSL & 982' FEL
LOCATED IN THE SE/4 SE/4 OF SECTION 21,
T28N, R6W, N.M.P.M.,
RIO ARriba COUNTY, NEW MEXICO
GROUND ELEVATION: 6481', NAVD 88
NO NEW ACCESS



U.S.G.S. QUAD: FOURMILE CANYON
SCALE: 1" = 2000' (1:24,000)
JOB No.: COPC227_REV2
DATE: 12/02/09

NEW OR RECONSTRUCTED ROADS MUST MEET
SMA DESIGN STANDARDS
INSTALL CULVERTS AS NEEDED



Russell Surveying
1409 W. Aztec Blvd. #2
Aztec, New Mexico 87410
(505) 334-8637

BURLINGTON RESOURCES OIL & GAS COMPANY LP

SAN JUAN 28-6 UNIT #125 M
1361' FSL & 982' FEL
LOCATED IN THE SE/4 SE/4 OF SECTION 21,
T28N, R6W, N.M.P.M.,
RIO ARRIBA COUNTY, NEW MEXICO

DIRECTIONS

- 1) FROM BLANCO POST OFFICE HEAD EAST 22.7 MILES TO 4-MILE CANYON TURN OFF.
- 2) GO SOUTHEAST 3.4 MILES TO "Y" INTERSECTION.
- 3) TURN RIGHT, AND GO 2.1 MILES TO CROWS FOOT.
- 4) TURN RIGHT, AND GO NORTHWEST FOR 1.1 MILES.
- 5) TURN LEFT & GO 0.1 MILES TO "Y" INTERSECTION.
- 6) STAY TO THE LEFT AND CONTINUE SOUTHWEST 0.7 MILES THROUGH WELL PADS AND LOCKED GATE TO "Y" INTERSECTION.
- 7) TURN RIGHT AND GO 0.3 MILES TO EXISTING WELL PAD. NEW WELL PAD OVER LAPS EXISTING WELL PAD ON SOUTH SIDE.

WELL FLAG LOCATED AT LAT. 36.64327°N, LONG. 107.46684°W (NAD 83).



PROJECT PROPOSAL - New Drill / Sidetrack

SAN JUAN 28-6 UNIT 125M

DEVELOPMENT

Lease:		AFE #: WAN.CDR.9082				AFE \$: 1,782,307.22	
Field Name: SAN JUAN 28-6 UNIT		Rig: H&P Rig 283		State: NM	County: RIO ARRIBA		API #: 3003930815
Geologist:		Phone:		Geophysicist:		Phone:	
Geoscientist: Head, Chip F (Charles)		Phone: +1-505-326-9772		Prod. Engineer:		Phone:	
Res. Engineer: Prabowo, Wahyu		Phone: +1-505-326-9797		Proj. Field Lead:		Phone:	
Primary Objective (Zones):							
Zone	Zone Name						
R20076	DAKOTA(R20076)						
R20002	MESAVERDE(R20002)						
Location: Surface Datum Code: NAD 27 Directional							
Latitude: 36.643262	Longitude: -107.466236	X:	Y:	Section: 21		Range: 006W	
Footage X: 982 FEL	Footage Y: 1361 FSL	Elevation: 6481	(FT)	Township: 028N			
Tolerance:							
Location: Bottom Hole Datum Code: NAD 27 Directional							
Latitude: 36.641772	Longitude: -107.470586	X:	Y:	Section: 21		Range: 006W	
Footage X: 2260 FEL	Footage Y: 820 FSL	Elevation:	(FT)	Township: 028N			
Tolerance:							
Location Type: Year Round		Start Date (Est.): 1/1/2010		Completion Date:		Date In Operation:	
Formation Data: Assume KB = 6496 Units = FT							
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks	
Surface Casing	203	6293	☐			12-1/4 hole. 200' 9 5/8" 32.3 ppf, H-40, STC casing. Cement with 121 cuft. Circulate cement to surface.	
OJO ALAMO	2543	3953	☐				
KIRTLAND	2656	3840	☐				
FRUITLAND	2896	3600	☐			Possible Gas	
PICTURED CLIFFS	3291	3205	☐				
LEWIS	3451	3045	☐				
HUERFANITO BENTONITE	3896	2600	☐				
Intermediate Casing	4000	2496	☐			8 3/4" Hole. 7", 23 ppf, J-55, LTC Casing. Cement with 968 cuft. Circulate cement to surface.	
CHACRA	4233	2263	☐				
MASSIVE CLIFF HOUSE	4943	1553	☐	743		Gas	
MENEFEE	5096	1400	☐				
POINT LOOKOUT	5471	1025	☐				
MANCOS	5991	505	☐				
UPPER GALLUP	6694	-198	☐				
GREENHORN	7437	-941	☐				
GRANEROS	7499	-1003	☐				
TWO WELLS	7536	-1040	☐	2355		Gas	
UPPER CUBERO	7647	-1151	☐				
LOWER CUBERO	7684	-1188	☐				
Total Depth	7768	-1272	☐			6-1/4" hole, 4-1/2" 11.6 ppf, J-55/L-80, LTC casing. Cement w/ 514 cuft. Circulate cement a minimum of 100' inside the previous casing string.	
ENCINAL	7768	-1272	☐				

PROJECT PROPOSAL - New Drill / Sidetrack

SAN JUAN 28-6 UNIT 125M

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

New

ConocoPhillips SJBU

San Juan Basin - New Mexico Wells

San Juan 28 Wells

SJ 28-6 #125M

Wellbore #1

Plan: Plan #1

Standard Planning Report

02 December, 2009

ConocoPhillips or its affiliates

Planning Report

Database: EDM Central Planning
Company: ConocoPhillips SJB
Project: San Juan Basin - New Mexico Wells
Site: San Juan 28 Wells
Well: SJ 28-6 #125M
Wellbore: Wellbore #1
Design: Plan #1

Local Co-ordinate Reference: Well SJ 28-6 #125M
TVD Reference: RKB @ 6496.0ft (Original Well Elev)
MD Reference: RKB @ 6496.0ft (Original Well Elev)
North Reference: True
Survey Calculation Method: Minimum Curvature

Project: San Juan Basin - New Mexico Wells, New Mexico, Directional "S"

Map System: US State Plane 1927 (Exact solution)
Geo Datum: NAD 1927 (NADCON CONUS)
Map Zone: New Mexico West 3003

System Datum: Mean Sea Level
 Using geodetic scale factor

Site: San Juan 28 Wells

Site Position:		Northing:	2,056,288.94ft	Latitude:	36° 39' 3.609 N
From:	Lat/Long	Easting:	563,499.72ft	Longitude:	107° 37' 0.715 W
Position Uncertainty:	15.0 ft	Slot Radius:	"	Grid Convergence:	0.13 °

Well: SJ 28-6 #125M

Well Position	+N/-S	0.0 ft	Northing:	2,053,605.40 ft	Latitude:	36° 38' 35.743 N
	+E/-W	0.0 ft	Easting:	607,696.92 ft	Longitude:	107° 27' 58.450 W
Position Uncertainty		15.0 ft	Wellhead Elevation:	ft	Ground Level:	6,481.0ft

Wellbore: Wellbore #1

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2008	9/9/2009	9.95	63.53	50,916

Design: Plan #1

Audit Notes:

Version: Phase: PROTOTYPE Tie On Depth: 0.0

Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.0	0.0	0.0	246.97

Plan Sections

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
320.0	0.00	0.00	320.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,203.7	26.51	246.97	1,172.5	-78.5	-184.8	3.00	3.00	0.00	246.97	
3,410.8	26.51	246.97	3,147.5	-463.9	-1,091.5	0.00	0.00	0.00	0.00	
4,294.4	0.00	0.00	4,000.0	-542.5	-1,276.3	3.00	-3.00	0.00	180.00	SJ 28-6 #125M ICF
8,062.4	0.00	0.00	7,768.0	-542.5	-1,276.3	0.00	0.00	0.00	0.00	SJ 28-6 #125M PCI

ConocoPhillips or its affiliates

Planning Report

Database: EDM Central Planning
Company: ConocoPhillips SJB
Project: San Juan Basin - New Mexico Wells
Site: San Juan 28 Wells
Well: SJ 28-6 #125M
Wellbore: Wellbore #1
Design: Plan #1

Local Co-ordinate Reference: Well SJ 28-6 #125M
TVD Reference: RKB @ 6496.0ft (Original Well Elev)
MD Reference: RKB @ 6496.0ft (Original Well Elev)
North Reference: True
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N-S (ft)	+E-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
203.0	0.00	0.00	203.0	0.0	0.0	0.0	0.00	0.00	0.00
Surface Shoe									
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
320.0	0.00	0.00	320.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	2.40	246.97	400.0	-0.7	-1.5	1.7	3.00	3.00	0.00
500.0	5.40	246.97	499.7	-3.3	-7.8	8.5	3.00	3.00	0.00
600.0	8.40	246.97	599.0	-8.0	-18.9	20.5	3.00	3.00	0.00
700.0	11.40	246.97	697.5	-14.7	-34.7	37.7	3.00	3.00	0.00
800.0	14.40	246.97	795.0	-23.5	-55.2	60.0	3.00	3.00	0.00
900.0	17.40	246.97	891.1	-34.2	-80.4	87.4	3.00	3.00	0.00
1,000.0	20.40	246.97	985.7	-46.9	-110.2	119.8	3.00	3.00	0.00
1,100.0	23.40	246.97	1,078.5	-61.4	-144.6	157.1	3.00	3.00	0.00
1,200.0	26.40	246.97	1,169.2	-77.9	-183.3	199.2	3.00	3.00	0.00
1,203.7	26.51	246.97	1,172.5	-78.5	-184.8	200.8	3.00	3.00	0.00
1,300.0	26.51	246.97	1,258.7	-95.4	-224.4	243.8	0.00	0.00	0.00
1,400.0	26.51	246.97	1,348.2	-112.8	-265.5	288.4	0.00	0.00	0.00
1,500.0	26.51	246.97	1,437.7	-130.3	-306.5	333.1	0.00	0.00	0.00
1,600.0	26.51	246.97	1,527.1	-147.7	-347.6	377.7	0.00	0.00	0.00
1,700.0	26.51	246.97	1,616.6	-165.2	-388.7	422.3	0.00	0.00	0.00
1,800.0	26.51	246.97	1,706.1	-182.7	-429.8	467.0	0.00	0.00	0.00
1,900.0	26.51	246.97	1,795.6	-200.1	-470.8	511.6	0.00	0.00	0.00
2,000.0	26.51	246.97	1,885.1	-217.6	-511.9	556.3	0.00	0.00	0.00
2,100.0	26.51	246.97	1,974.6	-235.0	-553.0	600.9	0.00	0.00	0.00
2,200.0	26.51	246.97	2,064.1	-252.5	-594.1	645.5	0.00	0.00	0.00
2,300.0	26.51	246.97	2,153.5	-270.0	-635.2	690.2	0.00	0.00	0.00
2,400.0	26.51	246.97	2,243.0	-287.4	-676.2	734.8	0.00	0.00	0.00
2,500.0	26.51	246.97	2,332.5	-304.9	-717.3	779.4	0.00	0.00	0.00
2,600.0	26.51	246.97	2,422.0	-322.3	-758.4	824.1	0.00	0.00	0.00
2,700.0	26.51	246.97	2,511.5	-339.8	-799.5	868.7	0.00	0.00	0.00
2,735.2	26.51	246.97	2,543.0	-346.0	-813.9	884.4	0.00	0.00	0.00
Ojo									
2,800.0	26.51	246.97	2,601.0	-357.3	-840.6	913.3	0.00	0.00	0.00
2,861.5	26.51	246.97	2,656.0	-368.0	-865.8	940.8	0.00	0.00	0.00
Kirtland									
2,900.0	26.51	246.97	2,690.5	-374.7	-881.6	958.0	0.00	0.00	0.00
3,000.0	26.51	246.97	2,779.9	-392.2	-922.7	1,002.6	0.00	0.00	0.00
3,100.0	26.51	246.97	2,869.4	-409.6	-963.8	1,047.2	0.00	0.00	0.00
3,129.7	26.51	246.97	2,896.0	-414.8	-976.0	1,060.5	0.00	0.00	0.00
Fruitland									
3,200.0	26.51	246.97	2,958.9	-427.1	-1,004.9	1,091.9	0.00	0.00	0.00
3,300.0	26.51	246.97	3,048.4	-444.6	-1,045.9	1,136.5	0.00	0.00	0.00
3,400.0	26.51	246.97	3,137.9	-462.0	-1,087.0	1,181.1	0.00	0.00	0.00
3,410.8	26.51	246.97	3,147.5	-463.9	-1,091.5	1,186.0	0.00	0.00	0.00
3,500.0	23.83	246.97	3,228.3	-478.7	-1,126.4	1,223.9	3.00	-3.00	0.00
3,568.1	21.79	246.97	3,291.0	-489.1	-1,150.7	1,250.3	3.00	-3.00	0.00
Pictured Cliffs									
3,600.0	20.83	246.97	3,320.8	-493.6	-1,161.3	1,261.9	3.00	-3.00	0.00
3,700.0	17.83	246.97	3,415.1	-506.6	-1,191.8	1,295.0	3.00	-3.00	0.00
3,737.6	16.71	246.97	3,451.0	-510.9	-1,202.1	1,306.1	3.00	-3.00	0.00
Lewis									

ConocoPhillips or its affiliates

Planning Report

Database: EDM Central Planning
 Company: ConocoPhillips SJBU
 Project: San Juan Basin - New Mexico Wells
 Site: San Juan 28 Wells
 Well: SJ 28-6 #125M
 Wellbore: Wellbore #1
 Design: Plan #1

Local Co-ordinate Reference: Well SJ 28-6 #125M
 TVD Reference: RKB @ 6496.0ft (Original Well Elev)
 MD Reference: RKB @ 6496.0ft (Original Well Elev)
 North Reference: True
 Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N-S (ft)	+E-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
3,800.0	14.83	246.97	3,511.1	-517.6	-1,217.7	1,323.1	3.00	-3.00	0.00
3,841.2	13.60	246.97	3,551.0	-521.5	-1,227.0	1,333.2	3.00	-3.00	0.00
Intermediate Shoe									
3,900.0	11.83	246.97	3,608.4	-526.6	-1,238.9	1,346.2	3.00	-3.00	0.00
4,000.0	8.83	246.97	3,706.7	-533.6	-1,255.4	1,364.1	3.00	-3.00	0.00
4,100.0	5.83	246.97	3,805.9	-538.6	-1,267.2	1,376.9	3.00	-3.00	0.00
4,190.4	3.12	246.97	3,896.0	-541.3	-1,273.6	1,383.9	3.00	-3.00	0.00
Huerfano Bentonite									
4,200.0	2.83	246.97	3,905.6	-541.5	-1,274.1	1,384.4	3.00	-3.00	0.00
4,294.4	0.00	0.00	4,000.0	-542.5	-1,276.3	1,386.8	3.00	-3.00	0.00
SJ 28-6 #125M ICP									
4,300.0	0.00	0.00	4,005.6	-542.5	-1,276.3	1,386.8	0.00	0.00	0.00
4,400.0	0.00	0.00	4,105.6	-542.5	-1,276.3	1,386.8	0.00	0.00	0.00
4,500.0	0.00	0.00	4,205.6	-542.5	-1,276.3	1,386.8	0.00	0.00	0.00
4,527.4	0.00	0.00	4,233.0	-542.5	-1,276.3	1,386.8	0.00	0.00	0.00
Chacra									
4,600.0	0.00	0.00	4,305.6	-542.5	-1,276.3	1,386.8	0.00	0.00	0.00
4,700.0	0.00	0.00	4,405.6	-542.5	-1,276.3	1,386.8	0.00	0.00	0.00
4,800.0	0.00	0.00	4,505.6	-542.5	-1,276.3	1,386.8	0.00	0.00	0.00
4,900.0	0.00	0.00	4,605.6	-542.5	-1,276.3	1,386.8	0.00	0.00	0.00
5,000.0	0.00	0.00	4,705.6	-542.5	-1,276.3	1,386.8	0.00	0.00	0.00
5,100.0	0.00	0.00	4,805.6	-542.5	-1,276.3	1,386.8	0.00	0.00	0.00
5,200.0	0.00	0.00	4,905.6	-542.5	-1,276.3	1,386.8	0.00	0.00	0.00
5,237.4	0.00	0.00	4,943.0	-542.5	-1,276.3	1,386.8	0.00	0.00	0.00
Mass. Cliffhouse									
5,300.0	0.00	0.00	5,005.6	-542.5	-1,276.3	1,386.8	0.00	0.00	0.00
5,390.4	0.00	0.00	5,096.0	-542.5	-1,276.3	1,386.8	0.00	0.00	0.00
Menefee									
5,400.0	0.00	0.00	5,105.6	-542.5	-1,276.3	1,386.8	0.00	0.00	0.00
5,500.0	0.00	0.00	5,205.6	-542.5	-1,276.3	1,386.8	0.00	0.00	0.00
5,600.0	0.00	0.00	5,305.6	-542.5	-1,276.3	1,386.8	0.00	0.00	0.00
5,700.0	0.00	0.00	5,405.6	-542.5	-1,276.3	1,386.8	0.00	0.00	0.00
5,765.4	0.00	0.00	5,471.0	-542.5	-1,276.3	1,386.8	0.00	0.00	0.00
Point Lookout									
5,800.0	0.00	0.00	5,505.6	-542.5	-1,276.3	1,386.8	0.00	0.00	0.00
5,900.0	0.00	0.00	5,605.6	-542.5	-1,276.3	1,386.8	0.00	0.00	0.00
6,000.0	0.00	0.00	5,705.6	-542.5	-1,276.3	1,386.8	0.00	0.00	0.00
6,100.0	0.00	0.00	5,805.6	-542.5	-1,276.3	1,386.8	0.00	0.00	0.00
6,200.0	0.00	0.00	5,905.6	-542.5	-1,276.3	1,386.8	0.00	0.00	0.00
6,285.4	0.00	0.00	5,991.0	-542.5	-1,276.3	1,386.8	0.00	0.00	0.00
Mancos									
6,300.0	0.00	0.00	6,005.6	-542.5	-1,276.3	1,386.8	0.00	0.00	0.00
6,400.0	0.00	0.00	6,105.6	-542.5	-1,276.3	1,386.8	0.00	0.00	0.00
6,500.0	0.00	0.00	6,205.6	-542.5	-1,276.3	1,386.8	0.00	0.00	0.00
6,600.0	0.00	0.00	6,305.6	-542.5	-1,276.3	1,386.8	0.00	0.00	0.00
6,700.0	0.00	0.00	6,405.6	-542.5	-1,276.3	1,386.8	0.00	0.00	0.00
6,800.0	0.00	0.00	6,505.6	-542.5	-1,276.3	1,386.8	0.00	0.00	0.00
6,900.0	0.00	0.00	6,605.6	-542.5	-1,276.3	1,386.8	0.00	0.00	0.00
6,988.4	0.00	0.00	6,694.0	-542.5	-1,276.3	1,386.8	0.00	0.00	0.00
Upper Gallup									
7,000.0	0.00	0.00	6,705.6	-542.5	-1,276.3	1,386.8	0.00	0.00	0.00
7,100.0	0.00	0.00	6,805.6	-542.5	-1,276.3	1,386.8	0.00	0.00	0.00

ConocoPhillips or its affiliates

Planning Report

Database: EDM Central Planning
Company: ConocoPhillips SJB
Project: San Juan Basin - New Mexico Wells
Site: San Juan 28 Wells
Well: SJ 28-6 #125M
Wellbore: Wellbore #1
Design: Plan #1

Local Co-ordinate Reference: Well SJ 28-6 #125M
TVD Reference: RKB @ 6496.0ft (Original Well Elev)
MD Reference: RKB @ 6496.0ft (Original Well Elev)
North Reference: True
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
7,200.0	0.00	0.00	6,905.6	-542.5	-1,276.3	1,386.8	0.00	0.00	0.00
7,300.0	0.00	0.00	7,005.6	-542.5	-1,276.3	1,386.8	0.00	0.00	0.00
7,400.0	0.00	0.00	7,105.6	-542.5	-1,276.3	1,386.8	0.00	0.00	0.00
7,500.0	0.00	0.00	7,205.6	-542.5	-1,276.3	1,386.8	0.00	0.00	0.00
7,600.0	0.00	0.00	7,305.6	-542.5	-1,276.3	1,386.8	0.00	0.00	0.00
7,700.0	0.00	0.00	7,405.6	-542.5	-1,276.3	1,386.8	0.00	0.00	0.00
7,731.4	0.00	0.00	7,437.0	-542.5	-1,276.3	1,386.8	0.00	0.00	0.00
Greenhorn									
7,793.4	0.00	0.00	7,499.0	-542.5	-1,276.3	1,386.8	0.00	0.00	0.00
Graneros									
7,800.0	0.00	0.00	7,505.6	-542.5	-1,276.3	1,386.8	0.00	0.00	0.00
7,830.4	0.00	0.00	7,536.0	-542.5	-1,276.3	1,386.8	0.00	0.00	0.00
Two Wells									
7,900.0	0.00	0.00	7,605.6	-542.5	-1,276.3	1,386.8	0.00	0.00	0.00
7,941.4	0.00	0.00	7,647.0	-542.5	-1,276.3	1,386.8	0.00	0.00	0.00
Upper Cubero									
7,978.4	0.00	0.00	7,684.0	-542.5	-1,276.3	1,386.8	0.00	0.00	0.00
Lower Cubero									
8,000.0	0.00	0.00	7,705.6	-542.5	-1,276.3	1,386.8	0.00	0.00	0.00
8,062.4	0.00	0.00	7,768.0	-542.5	-1,276.3	1,386.8	0.00	0.00	0.00
Encinal - Production Shoe - SJ 28-6 #125M PCP									

Targets

Target Name	Dip Angle (°)	Dip Dir (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
hit/miss target									
Shape									
SJ 28-6 #125M ICP - plan hits target center - Circle (radius 50.0)	0.00	0.00	4,000.0	-542.5	-1,276.3	2,053,058.11	606,422.84	36° 38' 30.379 N	107° 28' 14.109 W
SJ 28-6 #125M PCP - plan hits target center - Circle (radius 50.0)	0.00	0.00	7,768.0	-542.5	-1,276.3	2,053,058.11	606,422.84	36° 38' 30.379 N	107° 28' 14.109 W

Casing Points

Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")
203.0	203.0	Surface Shoe	9-5/8	12-1/4
3,841.2	3,551.0	Intermediate Shoe	7	8-3/4
8,062.4	7,768.0	Production Shoe	4-1/2	6-1/4

ConocoPhillips or its affiliates

Planning Report

Database: EDM Central Planning
Company: ConocoPhillips SJB
Project: San Juan Basin - New Mexico Wells
Site: San Juan 28 Wells
Well: SJ 28-6 #125M
Wellbore: Wellbore #1
Design: Plan #1

Local Co-ordinate Reference: Well SJ 28-6 #125M
TVD Reference: RKB @ 6496.0ft (Original Well Elev)
MD Reference: RKB @ 6496.0ft (Original Well Elev)
North Reference: True
Survey Calculation Method: Minimum Curvature

Formations

Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
7,731.4	7,437.0	Greenhorn		0.00	
3,568.1	3,291.0	Pictured Cliffs		0.00	
7,978.4	7,684.0	Lower Cubero		0.00	
5,390.4	5,096.0	Menefee		0.00	
3,129.7	2,896.0	Fruitland		0.00	
8,062.4	7,768.0	Encinal		0.00	
4,527.4	4,233.0	Chacra		0.00	
7,941.4	7,647.0	Upper Cubero		0.00	
5,765.4	5,471.0	Point Lookout		0.00	
7,793.4	7,499.0	Graneros		0.00	
3,737.6	3,451.0	Lewis		0.00	
6,988.4	6,694.0	Upper Gallup		0.00	
7,830.4	7,536.0	Two Wells		0.00	
6,285.4	5,991.0	Mancos		0.00	
5,237.4	4,943.0	Mass. Cliffhouse		0.00	
2,861.5	2,656.0	Kirtland		0.00	
2,735.2	2,543.0	Ojo		0.00	
4,190.4	3,896.0	Huerfano Bentonite		0.00	

REFERENCE INFORMATION

RKB @ 6496.0ft (Original Well Elev)

Ground Elevation 6481.0

Reference Lat: 36° 38' 35.743 N

Reference Long: 107° 27' 58.450 W

Project: San Juan Basin - New Mexico Wells

Site: San Juan 28 Wells

Well: SJ 28-6 #125M

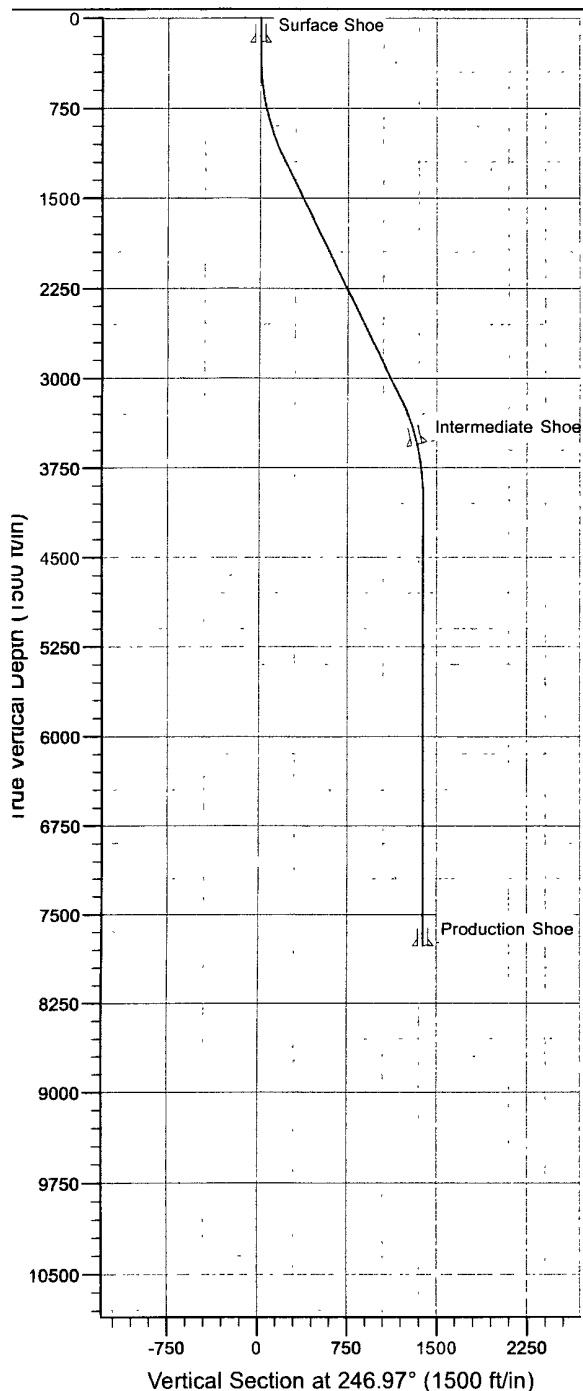
Wellbore: Wellbore #1

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	1203.7	26.51	246.97	1172.5	-78.5	-184.8	3.00	246.97	200.8	
4	3410.8	26.51	246.97	3147.5	-463.9	-1091.5	0.00	0.00	1186.0	
5	4294.4	0.00	0.00	4000.0	-542.5	-1276.3	3.00	180.00	1386.8	SJ 28-6 #125M ICP
6	8062.4	0.00	0.00	7768.0	-542.5	-1276.3	0.00	0.00	1386.8	SJ 28-6 #125M PCP



FORMATION TOP DETAILS

TVDPPath	MDPath	Formation
2543.0	2735.2	Ojo
2656.0	2861.5	Kirtland
2896.0	3129.7	Fruitland
3291.0	3568.1	Pictured Cliffs
3451.0	3737.6	Lewis
3896.0	4190.4	Huerfano Bentonite
4233.0	4527.4	Chacra
4943.0	5237.4	Mass. Cliffhouse
5096.0	5390.4	Menefee
5471.0	5765.4	Point Lookout
5991.0	6285.4	Mancos
6694.0	6988.4	Upper Gallup
7437.0	7731.4	Greenhorn
7499.0	7793.4	Graneros
7536.0	7830.4	Two Wells
7647.0	7941.4	Upper Cubero
7684.0	7978.4	Lower Cubero
7768.0	8062.4	Encinal

