

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

RECEIVED

FEB 01 2010

Sundry Notices and Reports on Wells

Bureau of Land Management
Farmington Field Office

1. **Type of Well**
GAS

5. **Lease Number**
NMNM-84809
6. **If Indian, All. or
Tribe Name**

2. **Name of Operator**
CONOCOPHILLIPS COMPANY

7. **Unit Agreement Name**
San Juan 32-8 Unit

3. **Address & Phone No. of Operator**

8. **Well Name & Number**
San Juan 32-8 Unit #264H

PO Box 4289, Farmington, NM 87499 (505) 326-9700

9. **API Well No.**

30-045-30985

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

Surface: Unit L (NWSE), 2469' FSL & 663' FWL, Section 9, T32N, R8W, NMPM

10. **Field and Pool**
Basin Fruitland Coal

Bottomhole: Unit I (NESE), 2469' FSL & 700' FEL, Section 9, T32N, R8W, NMPM

11. **County and State**
San Juan, 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 -

☐ APD Lateral☐ Recompletion☐ New Construction☐ Subsequent Report☐ Plugging☐ Non-Routine Fracturing☐ Final Abandonment☐ Casing Repair☐ Water Shut off☐ Altering Casing☐ Conversion to Injection

13. Describe Proposed or Completed Operations

ConocoPhillips wishes to add a lateral to the original wellbore in the upper coal inter-tongue. Please see attached plat, C102 package, directional drill plan and project proposal.

Please note the well name is changing the San Juan 32-8 Unit #264H since it will be a lateral well. Please change your records accordingly.

Horizontal
^

RCVD FEB 12 '10
OIL CONS. DIV.
DIST. 3

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

Signed

Patsy Clugston

Patsy Clugston

Title Sr. Regulatory SpecialistDate 1/28/10

(This space for Federal or State Office use)

APPROVED BY Troy L. SalyersTitle Petroleum EngineerDate 2/8/2010

CONDITION OF APPROVAL, if any:

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

NMOCDC

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 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 - 7 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-30985	² Pool Code 71629	³ Pool Name BASIN FRUITLAND COAL
⁴ Property Code 31330	⁵ Property Name SAN JUAN 32-8 UNIT	⁶ Well Number 264 H
⁷ OGRID No. 217817	⁸ Operator Name CONOCOPHILLIPS COMPANY	⁹ Elevation 6718

¹⁰ SURFACE LOCATION

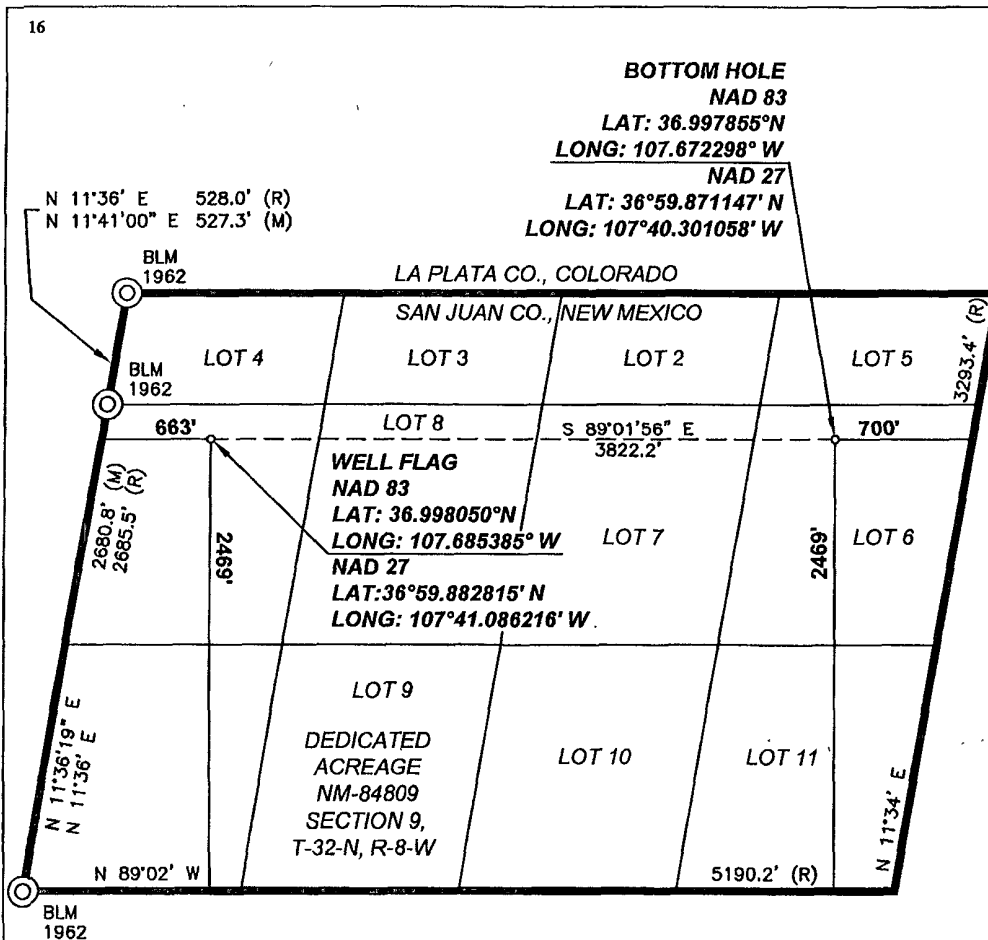
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	9	32-N	8-W		2469	SOUTH	663	WEST	SAN JUAN

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
I	9	32-N	8-W		2469	SOUTH	700	EAST	SAN JUAN

¹² Dedicated Acres 382.84	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. R-13203
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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



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.

Crystal Tafoya 3/4/09
Signature

Crystal Tafoya
Printed Name

Regulatory Technician

Title and E-mail Address

March 4th, 2009

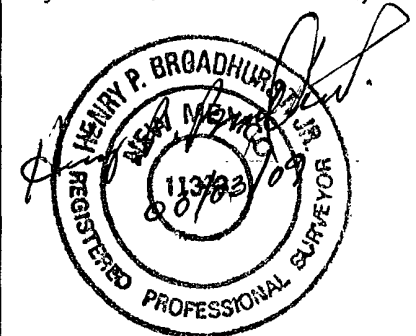
Date

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.

Date of Survey: 1/29/09

Signature and Seal of Professional Surveyor:



Certificate Number: NM 11393

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 32-8 UNIT 264 LATERAL

DEVELOPMENT

Lease:		AFE #: WAN.CDR.8263		AFE \$: 1,804,065.40	
Field Name: SAN JUAN		Rig: Aztec Rig 730	State: NM	County: SAN JUAN	API #:
Geologist:	Phone:	Geophysicist:	Phone:		
Geoscientist:	Phone:	Prod. Engineer:	Phone:		
Res. Engineer:	Phone:	Proj. Field Lead:	Phone:		

Primary Objective (Zones):	
Zone	Zone Name
JCV	BASIN FRUITLAND COAL (GAS)

Location: Surface		Datum Code: NAD 27		Horizontal	
Latitude: 36.998047	Longitude: -107.684770	X:	Y:	Section: 09	Range: 008W
Footage X: 663 FWL	Footage Y: 2469 FSL	Elevation: 6718	(FT)	Township: 032N	

Tolerance:					
Location: Bottom Hole		Datum Code: NAD 27		Horizontal	
Latitude: 36.997852	Longitude: -107.671684	X:	Y:	Section: 09	Range: 008W
Footage X: 700 FEL	Footage Y: 2469 FSL	Elevation:	(FT)	Township: 032N	

Location Type: Restricted		Start Date (Est.): 1/1/2011	Completion Date:	Date In Operation:
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Formation Data: Assume KB = 6729	Units = FT
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Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
EXIT MAIN BORE LOWER LATERAL	0	6729	☐			
EXIT MAIN BORE UPPER LATERAL	0	6729	☐			
OJO ALAMO	2186	4543	☐			
KIRTLAND	2256	4473	☐			
FRUITLAND	3161	3568	☐			
PATH AT BH UPPER LATERAL	3382	3347	☐			
Total Depth	3382	3347	☐			
PATH 3500' F/SHL UPPER LATERAL	3382	3347	☐			
PATH 3000' F/SL UPPER LATERAL	3383	3346	☐			
PATH 2500' F/SHL UPPER LATERAL	3386	3343	☐			
PATH 2000' F/SHL UPPER LATERAL	3389	3340	☐			
PATH 1500' F/SHL UPPER LATERAL	3393	3336	☐			
PATH 1000' F/SHL UPPER LATERAL	3399	3330	☐			
PATH 500' F/SHL UPPER LATERAL	3404	3325	☐			
PATH 100' F/SHL UPPER LATERAL	3407	3322	☐			

Reference Wells:		
Reference Type	Well Name	Comments

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 32-8 UNIT 264 LATERAL

DEVELOPMENT

Logging Program

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

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

MWD - Gamma Ray from start of open hole section to TD

Mudlog from kick off point to TD

Additional Information:

Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks
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Comments: Location/Tops/Logging - Surface twin with SJ 32-8 Unit 264 (FTC) at 2469' FSL & 663' FWL (in unit letter L). Preferred BHL is 2469' FSL & 700' FEL (unit letter I).

General/Work Description - 1/27/10-must be Closed Loop per Regulatory wfp

Lateral re-entry

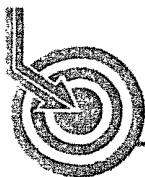
5/5/08-This project will replace the remedial wfp

3/17/08: API # 3004530985. CEC

11/18/08 Estimated BHL: 2469' FSL 700' FEL, T32N R8W Sec 9

We need a NSP Order # R-3817 on C-102; C-102 corrected, PR complete - dsw. And this BHL potentially violates the density rule but Steve Hayden had reviewed it with w/AEA & CC, again on 3/12/09 so when ready to file APD, give S. Hayden a heads up of the forthcoming APD and remind him - dsw 3/12/09

12/8/09 No H2S Contingency Plan Required, no H2S nearby, Dalessandro



Scientific Drilling
Directional Drilling Operations

ConocoPhillips

**SAN JUAN BASIN
SEC 09-T32N-R8W
SJ 32-8 #264**

Lateral #1

Plan: Plan #2

Standard Planning Report

27 October, 2009

ConocoPhillips



Project: SAN JUAN BASIN
 Site: SEC 09-T32N-R8W
 Well: SJ 32-8 #264
 Wellbore: Lateral #1
 Design: Plan #2



REFERENCE INFORMATION

Co-ordinate (N/E) Reference Well SJ 32-8 #264, True North
 Vertical (TVD) Reference DFE @ 6733 Off (AWS 730)
 Section (VS) Reference Slot - (0 DN, 0 OE)
 Measured Depth Reference DFE @ 6733 Off (AWS 730)
 Calculation Method Minimum Curvature

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

WELL DETAILS: SJ 32-8 #264

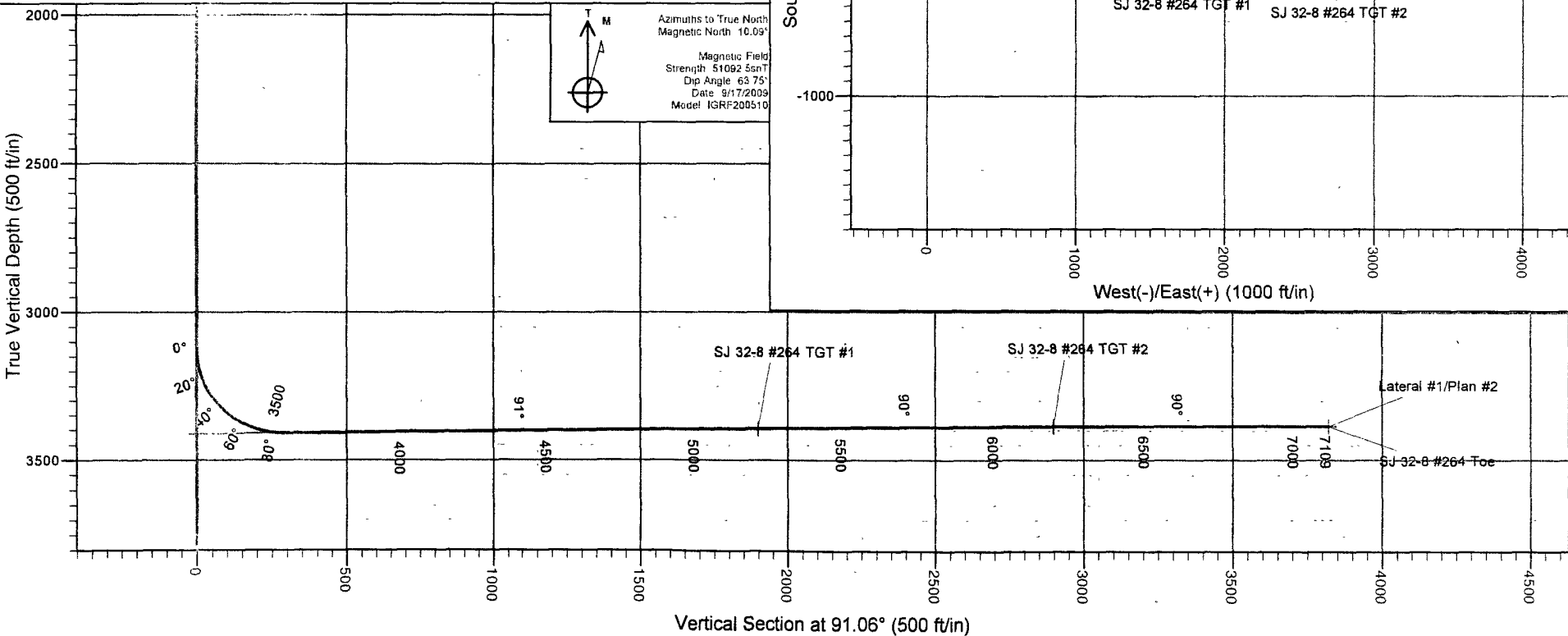
Ground Level: 6718.0
 +N/-S +E/-W Northing Easting Latitude Longitude
 0.0 0.0 2182592.48 543383.80 36° 59' 52.969 N 107° 41' 5.173 W

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target
1	3123.0	0.00	0.00	3123.0	0.0	0.0	0.00	0.00	0.0	
2	3576.5	90.70	91.06	3409.5	-5.4	289.9	20.00	91.06	290.0	
3	3584.0	90.55	91.06	3409.4	-5.5	297.4	2.00	180.00	297.5	
4	5185.2	90.55	91.06	3394.0	-35.1	1898.3	0.00	0.00	1898.6	SJ 32-8 #264 TGT #1
5	5192.7	90.40	91.06	3393.9	-35.3	1905.8	2.00	-180.00	1906.1	
6	6185.5	90.40	91.06	3387.0	-53.6	2898.4	0.00	0.00	2898.9	SJ 32-8 #264 TGT #2
7	6202.6	90.06	91.05	3386.9	-53.9	2915.5	2.00	-178.21	2916.0	
8	7109.0	90.06	91.05	3386.0	-70.5	3821.7	0.00	0.00	3822.4	SJ 32-8 #264 Toe

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
SJ 32-8 #264 Toe	3386.0	-70.5	3821.7	2182527.91	547205.33	Point
SJ 32-8 #264 TGT #2	3387.0	-53.6	2898.4	2182543.38	546282.02	Point
SJ 32-8 #264 TGT #1	3394.0	-35.1	1898.3	2182560.32	545282.01	Point
SJ 32-8 #264 TGT Line	3412.0	0.0	0.0	2182592.48	543383.80	Polygon



Database:	EDM1	Local Co-ordinate Reference:	Well SJ 32-8 #264
Company:	ConocoPhillips	TVD Reference:	DFE @ 6733.0ft (AWS 730)
Project:	SAN JUAN BASIN	MD Reference:	DFE @ 6733.0ft (AWS 730)
Site:	SEC 09-T32N-R8W	North Reference:	True
Well:	SJ 32-8 #264	Survey Calculation Method:	Minimum Curvature
Wellbore:	Lateral #1		
Design:	Plan #2		

Project	SAN JUAN BASIN, NEW MEXICO		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		Using Well Reference Point
Map Zone:	New Mexico West 3003		Using geodetic scale factor

Site	SEC 09-T32N-R8W		
Site Position:		Northing:	2,182,592.48 usft
From:	Lat/Long	Easting:	543,383.80 usft
Position Uncertainty:	0.0 ft	Slot Radius:	6-1/8 "
		Latitude:	36° 59' 52.969 N
		Longitude:	107° 41' 5.173 W
		Grid Convergence:	0.09 °

Well	SJ 32-8 #264, Re-entry CBM HZ		
Well Position	+N/-S	0.0 ft	Northing: 2,182,592.48 usft
	+E/-W	0.0 ft	Easting: 543,383.80 usft
Position Uncertainty	0.0 ft	Wellhead Elevation:	Latitude: 36° 59' 52.969 N
			Longitude: 107° 41' 5.173 W
			Ground Level: 6,718.0 ft

Wellbore	Lateral #1				
Magnetics	Model Name	Sample Date	Declination	Dip Angle	Field Strength
			(°)	(°)	(nT)
	IGRF200510	9/17/2009	10.09	63.75	51,092

Design:	Plan #2			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	3,123.0
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W	Direction
	(ft)	(ft)	(ft)	(°)
	0.0	0.0	0.0	91.06

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
3,123.0	0.00	0.00	3,123.0	0.0	0.0	0.00	0.00	0.00	0.00	
3,576.5	90.70	91.06	3,409.5	-5.4	289.9	20.00	20.00	0.00	91.06	
3,584.0	90.55	91.06	3,409.4	-5.5	297.4	2.00	-2.00	0.00	180.00	
5,185.2	90.55	91.06	3,394.0	-35.1	1,898.3	0.00	0.00	0.00	0.00	SJ 32-8 #264 TGT
5,192.7	90.40	91.06	3,393.9	-35.3	1,905.8	2.00	-2.00	0.00	-180.00	
6,185.5	90.40	91.06	3,387.0	-53.6	2,898.4	0.00	0.00	0.00	0.00	SJ 32-8 #264 TGT
6,202.6	90.06	91.05	3,386.9	-53.9	2,915.5	2.00	-2.00	-0.06	-178.21	
7,109.0	90.06	91.05	3,386.0	-70.5	3,821.7	0.00	0.00	0.00	0.00	SJ 32-8 #264 Toe

Database:	EDM1	Local Co-ordinate Reference:	Well SJ 32-8 #264
Company:	ConocoPhillips	TVD Reference:	DFE @ 6733.0ft (AWS 730)
Project:	SAN JUAN BASIN	MD Reference:	DFE @ 6733.0ft (AWS 730)
Site:	SEC 09-T32N-R8W	North Reference:	True
Well:	SJ 32-8 #264	Survey Calculation Method:	Minimum Curvature
Wellbore:	Lateral #1		
Design:	Plan #2		

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
3,123.0	0.00	0.00	3,123.0	0.0	0.0	0.0	0.00	0.00	0.00
3,125.0	0.40	91.06	3,125.0	0.0	0.0	0.0	20.00	20.00	0.00
3,150.0	5.40	91.06	3,150.0	0.0	1.3	1.3	20.00	20.00	0.00
3,175.0	10.40	91.06	3,174.7	-0.1	4.7	4.7	20.00	20.00	0.00
3,200.0	15.40	91.06	3,199.1	-0.2	10.3	10.3	20.00	20.00	0.00
3,225.0	20.40	91.06	3,222.9	-0.3	18.0	18.0	20.00	20.00	0.00
3,250.0	25.40	91.06	3,245.9	-0.5	27.7	27.7	20.00	20.00	0.00
3,275.0	30.40	91.06	3,268.0	-0.7	39.4	39.4	20.00	20.00	0.00
3,300.0	35.40	91.06	3,289.0	-1.0	53.0	53.0	20.00	20.00	0.00
3,325.0	40.40	91.06	3,308.7	-1.3	68.3	68.3	20.00	20.00	0.00
3,350.0	45.40	91.06	3,327.0	-1.6	85.3	85.3	20.00	20.00	0.00
SJ 32-8 #264 TGT Line									
3,375.0	50.40	91.06	3,343.7	-1.9	103.9	103.9	20.00	20.00	0.00
3,400.0	55.40	91.06	3,358.8	-2.3	123.8	123.8	20.00	20.00	0.00
3,425.0	60.40	91.06	3,372.1	-2.7	144.9	145.0	20.00	20.00	0.00
3,450.0	65.40	91.06	3,383.5	-3.1	167.2	167.2	20.00	20.00	0.00
3,475.0	70.40	91.06	3,392.9	-3.5	190.3	190.4	20.00	20.00	0.00
3,500.0	75.40	91.06	3,400.2	-4.0	214.2	214.3	20.00	20.00	0.00
3,525.0	80.40	91.06	3,405.5	-4.4	238.7	238.7	20.00	20.00	0.00
3,550.0	85.40	91.06	3,408.6	-4.9	263.5	263.5	20.00	20.00	0.00
3,576.5	90.70	91.06	3,409.5	-5.4	289.9	290.0	20.00	20.00	0.00
3,584.0	90.55	91.06	3,409.4	-5.5	297.4	297.5	2.00	-2.00	0.00
3,600.0	90.55	91.06	3,409.2	-5.8	313.4	313.5	0.00	0.00	0.00
3,700.0	90.55	91.06	3,408.3	-7.6	413.4	413.5	0.00	0.00	0.00
3,800.0	90.55	91.06	3,407.3	-9.5	513.4	513.5	0.00	0.00	0.00
3,900.0	90.55	91.06	3,406.3	-11.3	613.4	613.5	0.00	0.00	0.00
4,000.0	90.55	91.06	3,405.4	-13.2	713.3	713.5	0.00	0.00	0.00
4,100.0	90.55	91.06	3,404.4	-15.0	813.3	813.5	0.00	0.00	0.00
4,200.0	90.55	91.06	3,403.5	-16.9	913.3	913.4	0.00	0.00	0.00
4,300.0	90.55	91.06	3,402.5	-18.7	1,013.3	1,013.4	0.00	0.00	0.00
4,400.0	90.55	91.06	3,401.5	-20.6	1,113.2	1,113.4	0.00	0.00	0.00
4,500.0	90.55	91.06	3,400.6	-22.4	1,213.2	1,213.4	0.00	0.00	0.00
4,600.0	90.55	91.06	3,399.6	-24.3	1,313.2	1,313.4	0.00	0.00	0.00
4,700.0	90.55	91.06	3,398.7	-26.1	1,413.2	1,413.4	0.00	0.00	0.00
4,800.0	90.55	91.06	3,397.7	-28.0	1,513.2	1,513.4	0.00	0.00	0.00
4,900.0	90.55	91.06	3,396.7	-29.8	1,613.1	1,613.4	0.00	0.00	0.00
5,000.0	90.55	91.06	3,395.8	-31.7	1,713.1	1,713.4	0.00	0.00	0.00
5,100.0	90.55	91.06	3,394.8	-33.5	1,813.1	1,813.4	0.00	0.00	0.00
5,185.2	90.55	91.06	3,394.0	-35.1	1,898.3	1,898.6	0.00	0.00	0.00
SJ 32-8 #264 TGT #1									
5,192.7	90.40	91.06	3,393.9	-35.3	1,905.8	1,906.1	2.00	-2.00	0.00
5,200.0	90.40	91.06	3,393.9	-35.4	1,913.1	1,913.4	0.00	0.00	0.00
5,300.0	90.40	91.06	3,393.2	-37.2	2,013.1	2,013.4	0.00	0.00	0.00
5,400.0	90.40	91.06	3,392.5	-39.1	2,113.0	2,113.4	0.00	0.00	0.00
5,500.0	90.40	91.06	3,391.8	-40.9	2,213.0	2,213.4	0.00	0.00	0.00
5,600.0	90.40	91.06	3,391.1	-42.8	2,313.0	2,313.4	0.00	0.00	0.00
5,700.0	90.40	91.06	3,390.4	-44.6	2,413.0	2,413.4	0.00	0.00	0.00
5,800.0	90.40	91.06	3,389.7	-46.5	2,513.0	2,513.4	0.00	0.00	0.00
5,900.0	90.40	91.06	3,389.0	-48.3	2,612.9	2,613.4	0.00	0.00	0.00
6,000.0	90.40	91.06	3,388.3	-50.2	2,712.9	2,713.4	0.00	0.00	0.00
6,100.0	90.40	91.06	3,387.6	-52.0	2,812.9	2,813.4	0.00	0.00	0.00
6,185.5	90.40	91.06	3,387.0	-53.6	2,898.4	2,898.9	0.00	0.00	0.00

Database:	EDM1	Local Co-ordinate Reference:	Well SJ 32-8 #264
Company:	ConocoPhillips	TVD Reference:	DFE @ 6733.0ft (AWS 730)
Project:	SAN JUAN BASIN	MD Reference:	DFE @ 6733.0ft (AWS 730)
Site:	SEC 09-T32N-R8W	North Reference:	True
Well:	SJ 32-8 #264	Survey Calculation Method:	Minimum Curvature
Wellbore:	Lateral #1		
Design:	Plan #2		

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)
SJ 32-8 #264 TGT #2									
6,202.6	90.06	91.05	3,386.9	-53.9	2,915.5	2,916.0	2.00	-2.00	-0.06
6,300.0	90.06	91.05	3,386.8	-55.7	3,012.9	3,013.4	0.00	0.00	0.00
6,400.0	90.06	91.05	3,386.7	-57.6	3,112.8	3,113.4	0.00	0.00	0.00
6,500.0	90.06	91.05	3,386.6	-59.4	3,212.8	3,213.4	0.00	0.00	0.00
6,600.0	90.06	91.05	3,386.5	-61.2	3,312.8	3,313.4	0.00	0.00	0.00
6,700.0	90.06	91.05	3,386.4	-63.1	3,412.8	3,413.4	0.00	0.00	0.00
6,800.0	90.06	91.05	3,386.3	-64.9	3,512.8	3,513.4	0.00	0.00	0.00
6,900.0	90.06	91.05	3,386.2	-66.7	3,612.8	3,613.4	0.00	0.00	0.00
7,000.0	90.06	91.05	3,386.1	-68.5	3,712.7	3,713.4	0.00	0.00	0.00
7,109.0	90.06	91.05	3,386.0	-70.5	3,821.7	3,822.4	0.00	0.00	0.00
SJ 32-8 #264 Toe									

Design Targets

Target Name	Dip Angle (°)	Dip Dir (°)	TVD (ft)	+N/S (ft)	+E/W (ft)	Northing (usft)	Easting (usft)	Latitude	Longitude
- hit/miss target									
- Shape									
SJ 32-8 #264 Toe	0.00	0.00	3,386.0	-70.5	3,821.7	2,182,527.90	547,205.33	36° 59' 52.269 N	107° 40' 18.063 W
- plan hits target center									
- Point									
SJ 32-8 #264 TGT #2	0.00	0.00	3,387.0	-53.6	2,898.4	2,182,543.38	546,282.03	36° 59' 52.437 N	107° 40' 29.445 W
- plan hits target center									
- Point									
SJ 32-8 #264 TGT #1	0.00	0.00	3,394.0	-35.1	1,898.3	2,182,560.32	545,282.01	36° 59' 52.621 N	107° 40' 41.773 W
- plan hits target center									
- Point									
SJ 32-8 #264 TGT Lir	0.00	0.00	3,412.0	0.0	0.0	2,182,592.48	543,383.80	36° 59' 52.969 N	107° 41' 5.173 W
- plan misses target center by 120.5ft at 3350.0ft MD (3327.0 TVD, -1.6 N, 85.3 E)									
- Polygon									
Point 1			3,412.0	0.5	-0.8	2,182,592.97	543,383.00		
Point 2			3,412.0	-35.4	1,898.3	2,182,560.04	545,282.00		
Point 3			3,412.0	-55.0	2,898.4	2,182,542.00	546,282.05		
Point 4			3,412.0	-71.4	3,822.4	2,182,527.05	547,205.99		
Point 5			3,412.0	-55.0	2,898.4	2,182,542.00	546,282.05		
Point 6			3,412.0	-35.4	1,898.3	2,182,560.04	545,282.00		
Point 7			3,412.0	0.5	-0.8	2,182,592.97	543,383.00		

San Juan 32-8 Unit 264 Lateral Re-Entry - Well Summary

Note: Lateral Directional Plan (Plan # 2) accompanies this document

GL 6718'
KB 6733' (Aztec 730)

surface location:	State of New Mexico, San Juan County	MD	TVD	
<u>beginning of producing interval, lateral</u>	T32N, R08W, Section 09, 2469' FSL, 663' FWL	NA	NA	
<u>bottom of productive interval, lateral</u>	T32N, R08W, Section 09, 2469' FSL, 953' FWL	3577'	3410'	landed at 90° in the coal target
	T32N, R08W, Section 09, 2469' FSL, 700' FEL	7109'	3386'	lateral total depth

— solid lines indicate present wellbore
..... dashed lines indicate lateral to be added

12-1/4" Hole, 9-5/8" Casing at 230' MD
casing description: 9-5/8" 32.2 #/ft H-40
cemented to surface

casing exit: 3123' MD

6-1/4" hole to 7109' MD, 3386' TVD
(liner shoe 100' MD off bottom)
(TOL @ casing exit - no overlap)

casing description: 4-1/2" 11.6#/ft, L-80, BTC
uncemented, pre-drilled and plugged, two holes per joint

8-3/4" Hole, 7" Casing at 3302' MD
casing description: 7" 20#/ft, J-55
cemented to surface
8-3/4" hole to 3306' MD

6-1/4" Hole, 5-1/2" Liner at 3453' MD
casing description: 5-1/2" 15.5#/ft J-55
no cement

