

RECEIVED

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SEP 04 2009

Sundry Notices and Reports on Wells

Bureau of Land Management
Farmington Field Office

1. Type of Well
GAS

5. Lease Number
Jicarilla Contract 100
6. If Indian, All. or
Tribe Name
Jicarilla Apache
7. Unit Agreement Name

2. Name of Operator
ConocoPhillips Company

3. Address & Phone No. of Operator

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

8. Well Name & Number

Jicarilla D #22

9. API Well No.

30-039-30115

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

Unit M (SWSW), 1215' FSL & 1060' FWL, Sec. 32, T26N, R3W, NMPM

10. Field and Pool

Blanco Mesaverde

11. County and State
Rio Arriba Co., NM

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

Type of Submission

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment

Type of Action

☐ Abandonment

☐ Recompletion

☐ Plugging

☐ Casing Repair

☐ Altering Casing

☒ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut off

☐ Conversion to Injection

☒ Other - cement slurry & DV tool

RCVD SEP 10 '09

OIL CONS. DIV.

DIST. 3

13. Describe Proposed or Completed Operations.

ConocoPhillips wishes change our drilling prognosis for the subject well. Plans are to two stage the production casing now. Will be setting a stage tool @ 5373', cementing the 1st stage w/190 sx (357 cf) 1.87 cf/sx yield 11.4 ppg. 2nd stage will be 920 sx (1946 cf) 2.12 cf/sx yield 11.7 ppg (60% excess).

Plans are also to use directional tool on this well to angle the wellbore away from the twinned well Jicarilla D #8 (PC) well. Directional plans have been submitted and approved by Jim Lovato (BLM) and Charlie Perrin (OCD) on 9/3/09. ✓

Slurry design & stage tool change was submitted to the BLM & OCD via email and was approved by the BLM (Jim Lovato) on 9/3/09 and OCD (Kelly Roberts) on 9/3/09. ✓

CONDITIONS OF APPROVAL

Adhere to previously issued stipulations.

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

Signed Patsy Clugston Patsy Clugston Title Sr. Regulatory Specialist Date 9/3/09

(This space for Federal or State Office use)

APPROVED BY Troy L. Salvess

Title Petroleum Engineer

Date 9/1/09

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

Hold C104

for Directional Survey
and "As Drilled" plat

Laboratory Cement Test Report

9390

Fluid No :	Client : ConocoPhillips	Location / Rig : Pilot	Signatures
Date : Feb-09-2009	Well Name : Pilot	Field : Basin	Dave

Job Type	LongString	Depth	7500.0 ft	TVD	7500.0 ft
BHST	195 degF	BHCT	135 degF	BHP	4550 psi
Starting Temp.	80 degF	Time to Temp.	00:39 hr:mn	Heating Rate	1.42 degF/min
Starting Pressure	525 psi	Time to Pressure	00:39 hr:mn	Schedule	9.6-5

Composition

Slurry Density	11.40 lb/gal	Yield	1.87 ft ³ /sk	Mix Fluid	7.013 gal/sk
Solid Vol. Fraction	50.0 %	Porosity	50.0 %	Slurry type	LiteCRETE

Code	Concentration	Sack Reference	Component	Blend Density	Lot Number
11-4lbgal_20		100 lb of BLEND	Blend	1.74 SG	
Fresh water	7.013 gal/sk		Base Fluid		
D065	0.950 %BWOB		Dispersant		
D046	0.100 %BWOB		Antifoam		
D167	0.200 %BWOB		Fluid loss		
D198	0.280 %BWOB		Retarder		

Rheology (Average readings)

(rpm)	(deg)	(deg)
300	51.0	81.0
200	38.0	63.0
100	22.5	43.5
60	16.0	36.5
30	11.0	31.5
6	5.8	29.6
3	5.3	28.6
10 sec Gel	10.20	25.40
10 min Gel	22.30	68.40
Temperature	80 degF	135 degF
Pv: 44.621 cP	Pv: 53.485 cP	
Tv: 7.20 lbf/100ft ²	Tv: 27.00 lbf/100ft ²	

Thickening Time

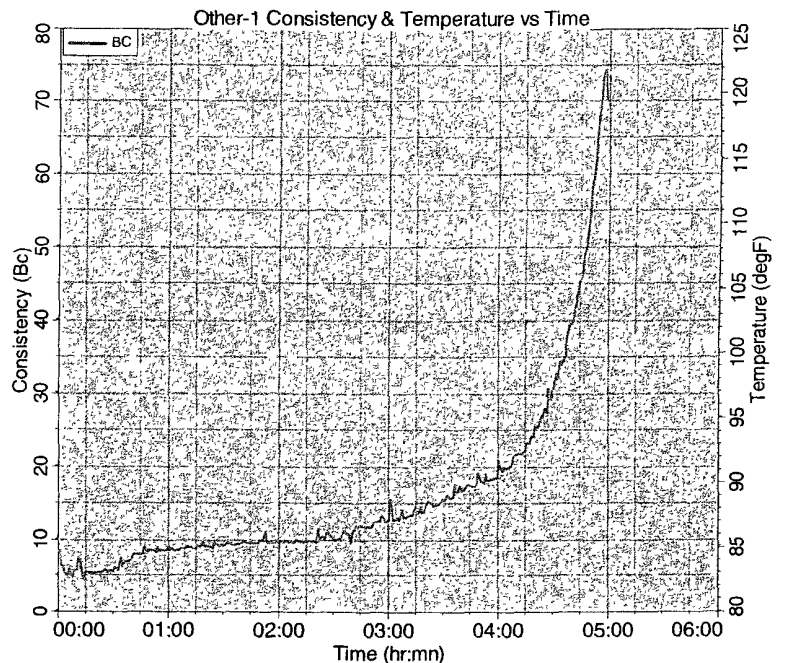
Consistency	Time
POD :	02:35 hr:mn
30 Bc	04:27 hr:mn
70 Bc	04:55 hr:mn
74 Bc	04:57 hr:mn
Remark : Thickening time do not include batch time	

Free Fluid

0.0 mL/250mL	in 2 hrs
At 135 degF and 0 deg incl.	
Sedimentation	None

Comments

General Comment : Pilot



Laboratory Cement Test Report-Other-1

Pilot

Fluid No :	Client : ConocoPhillips	Location / Rig : Pilot	Signatures
Date : Feb-09-2009	Well Name : Pilot	Field : Basin	Dave

Job Type	LongString	Depth	7500.0 ft	TVD	7500.0 ft
BHST	195 degF	BHCT	135 degF	BHP	4550 psi
Starting Temp.	80 degF	Time to Temp.	00:39 hr:mn	Heating Rate	1.42 degF/min
Starting Pressure	525 psi	Time to Pressure	00:39 hr:mn	Schedule	9.6-5

Composition

Slurry Density	11.40 lb/gal	Yield	1.87 ft ³ /sk	Mix Fluid	7.013 gal/sk
Solid Vol. Fraction	50.0 %	Porosity	50.0 %	Slurry type	LiteCRETE

Code	Concentration	Sack Reference	Component	Blend Density	Lot Number
11-4lb/gal_20		100 lb of BLEND	Blend	1.74 SG	
Fresh water	7.013 gal/sk		Base Fluid		
D065	0.950 %BWOB		Dispersant		
D046	0.100 %BWOB		Antifoam		
D167	0.200 %BWOB		Fluid loss		
D198	0.280 %BWOB		Retarder		

Rheology (Average readings)

(rpm)	(deg)	(deg)
300	51.0	81.0
200	38.0	63.0
100	22.5	43.5
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6	5.8	29.6
3	5.3	28.6

10 sec Gel	10.20	25.40
10 min Gel	22.30	68.40
Temperature	80 degF	135 degF

Pv: 44.621 cP	Pv: 53.485 cP
Tv: 7.20 lbf/100ft ²	Tv: 27.00 lbf/100ft ²

Thickening Time

Consistency	Time
POD :	02:35 hr:mn
30 Bc	04:27 hr:mn
70 Bc	04:54 hr:mn
100 Bc	05:04 hr:mn
Remark : Thickening time do not include batch time	

Free Fluid

0.0 mL/250mL	in 2 hrs
At 135 degF and 0 deg incl.	
Sedimentation	None

UCA Compressive Strength

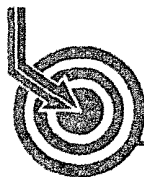
Time	CS
14:10 hr:mn	500 psi
20:20 hr:mn	1000 psi
24:00 hr:mn	1218 psi
42:00 hr:mn	2529 psi

Fluid Loss

API Fluid Loss	54 mL
27 mL in 30.00 min	at 135 degF and 1000 psi

Comments

General Comment : Pilot
Other test Comment : Test performed @ 100° F ; ; ;



Scientific Drilling
Directional Drilling Operations

RCVD SEP 10 '09

OIL CONS. DIV.

DIST. 3

ConocoPhillips

SAN JUAN BASIN

SEC 32-T26N-R3W: *unit letter M; 1215 FSL + 1060' FWL*

Jicarilla D #22 : *API - 30-039-30115*

Original Hole

Plan: Plan #2

Standard Planning Report

30 August, 2009



ConocoPhillips



Project: SAN JUAN BASIN
Site: SEC 32-T26N-R3W
Well: Jicarilla D #22
Wellbore: Original Hole
Design: Plan #2



WELL DETAILS: Jicarilla D #22

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.0	0.0	1979748.68	694200.37	36° 26' 20.820 N	107° 10' 23.232 W

WELLBORE TARGET DETAILS (LAT/LONG)

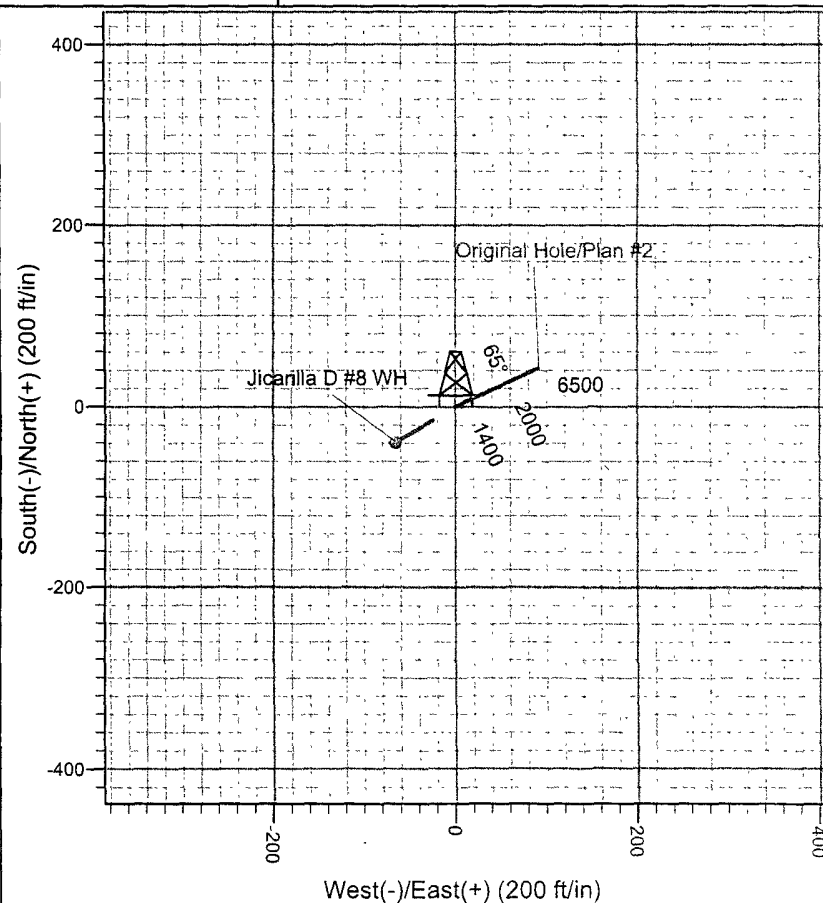
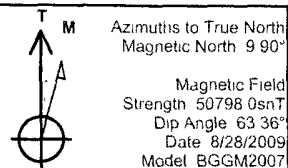
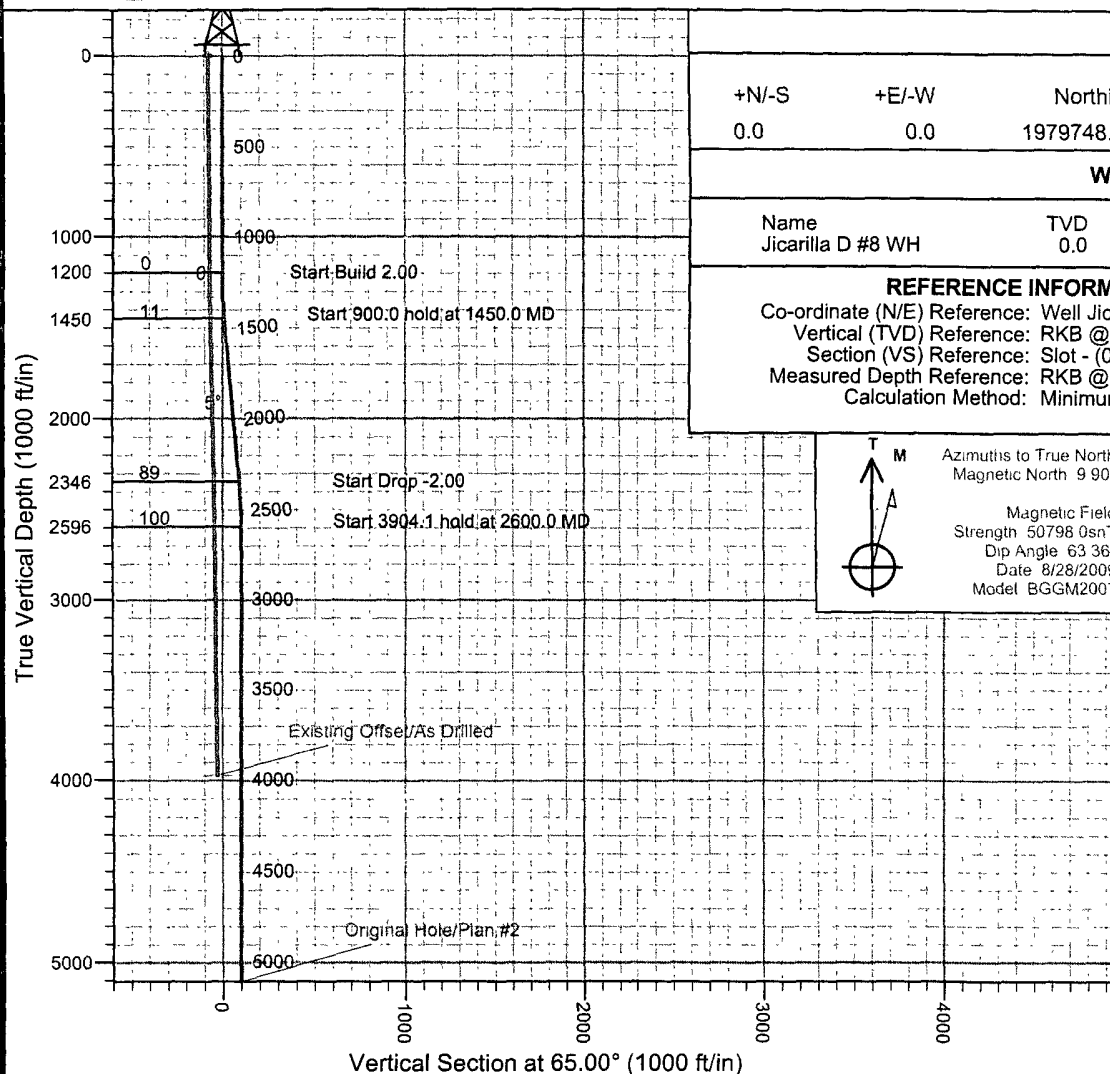
Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
Jicarilla D #8 WH	0.0	-39.8	-65.4	36° 26' 20.427 N	107° 10' 24.032 W	Circle (Radius: 5.0)

REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well Jicarilla D #22, True North
Vertical (TVD) Reference: RKB @ 7348.0ft (283)
Section (VS) Reference: Slot - (0.0N, 0.0E)
Measured Depth Reference: RKB @ 7348.0ft (283)
Calculation Method: Minimum Curvature

PROJECT DETAILS: SAN JUAN BASIN

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



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	1200.0	0.00	0.00	1200.0	0.0	0.0	0.00	0.00	0.0	
3	1450.0	5.00	65.00	1449.7	4.6	9.9	2.00	65.00	10.9	
4	2350.0	5.00	65.00	2346.3	37.8	81.0	0.00	0.00	89.3	
5	2600.0	0.00	0.00	2595.9	42.4	90.9	2.00	180.00	100.2	
6	6504.1	0.00	0.00	6500.0	42.4	90.9	0.00	0.00	100.2	

Database:	EDM-2003.21 Single User.Db	Local Co-ordinate Reference:	Well Jicarilla D #22
Company:	ConocoPhillips	TVD Reference:	RKB @ 7348.0ft (283)
Project:	SAN JUAN BASIN	MD Reference:	RKB @ 7348.0ft (283)
Site:	SEC 32-T26N-R3W	North Reference:	True
Well:	Jicarilla D #22	Survey Calculation Method:	Minimum Curvature
Wellbore:	Original Hole		
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 32-T26N-R3W		
Site Position:		Northing:	1,979,748.68 ft
From:	Lat/Long	Easting:	694,200.37 ft
Position Uncertainty:	0.0 ft	Slot Radius:	6-1/8"
		Latitude:	36° 26' 20.820 N
		Longitude:	107° 10' 23.232 W
		Grid Convergence:	0.39 °

Well:	Jicarilla D #22, Straight Mesaverde Well		
Well Position	+N/-S	0.0 ft	Northing: 1,979,748.68 ft
	+E/-W	0.0 ft	Easting: 694,200.37 ft
Position Uncertainty	0.0 ft		Wellhead Elevation: ft
			Ground Level: 7,332.0 ft

Wellbore:	Original Hole				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2007	8/28/2009	9.90	63.36	50,798

Design:	Plan #2			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.0	0.0	0.0	65.00

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	
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,450.0	5.00	65.00	1,449.7	4.6	9.9	2.00	2.00	0.00	65.00	
2,350.0	5.00	65.00	2,346.3	37.8	81.0	0.00	0.00	0.00	0.00	
2,600.0	0.00	0.00	2,595.9	42.4	90.9	2.00	-2.00	0.00	180.00	
6,504.1	0.00	0.00	6,500.0	42.4	90.9	0.00	0.00	0.00	0.00	

Database:	EDM 2003 21 Single User Db	Local Co-ordinate Reference:	Well Jicarilla D #22
Company:	ConocoPhillips	TVD Reference:	RKB @ 7348.0ft (283)
Project:	SAN JUAN BASIN	MD Reference:	RKB @ 7348.0ft (283)
Site:	SEC 32-T26N-R3W	North Reference:	True
Well:	Jicarilla D #22	Survey Calculation Method:	Minimum Curvature
Wellbore:	Original Hole		
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	
Jicarilla D #8 WH										
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	
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00	
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00	
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00	
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00	
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00	
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00	
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00	
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00	
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00	
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	0.00	
1,300.0	2.00	65.00	1,300.0	0.7	1.6	1.7	2.00	2.00	0.00	
1,400.0	4.00	65.00	1,399.8	2.9	6.3	7.0	2.00	2.00	0.00	
1,450.0	5.00	65.00	1,449.7	4.6	9.9	10.9	2.00	2.00	0.00	
1,500.0	5.00	65.00	1,499.5	6.4	13.8	15.3	0.00	0.00	0.00	
1,600.0	5.00	65.00	1,599.1	10.1	21.7	24.0	0.00	0.00	0.00	
1,700.0	5.00	65.00	1,698.7	13.8	29.6	32.7	0.00	0.00	0.00	
1,800.0	5.00	65.00	1,798.4	17.5	37.5	41.4	0.00	0.00	0.00	
1,900.0	5.00	65.00	1,898.0	21.2	45.4	50.1	0.00	0.00	0.00	
2,000.0	5.00	65.00	1,997.6	24.9	53.3	58.8	0.00	0.00	0.00	
2,100.0	5.00	65.00	2,097.2	28.5	61.2	67.6	0.00	0.00	0.00	
2,200.0	5.00	65.00	2,196.8	32.2	69.1	76.3	0.00	0.00	0.00	
2,300.0	5.00	65.00	2,296.4	35.9	77.0	85.0	0.00	0.00	0.00	
2,350.0	5.00	65.00	2,346.3	37.8	81.0	89.3	0.00	0.00	0.00	
2,400.0	4.00	65.00	2,396.1	39.4	84.5	93.3	2.00	-2.00	0.00	
2,500.0	2.00	65.00	2,496.0	41.6	89.3	98.5	2.00	-2.00	0.00	
2,600.0	0.00	0.00	2,595.9	42.4	90.9	100.2	2.00	-2.00	0.00	
2,700.0	0.00	0.00	2,695.9	42.4	90.9	100.2	0.00	0.00	0.00	
2,800.0	0.00	0.00	2,795.9	42.4	90.9	100.2	0.00	0.00	0.00	
2,900.0	0.00	0.00	2,895.9	42.4	90.9	100.2	0.00	0.00	0.00	
3,000.0	0.00	0.00	2,995.9	42.4	90.9	100.2	0.00	0.00	0.00	
3,100.0	0.00	0.00	3,095.9	42.4	90.9	100.2	0.00	0.00	0.00	
3,200.0	0.00	0.00	3,195.9	42.4	90.9	100.2	0.00	0.00	0.00	
3,300.0	0.00	0.00	3,295.9	42.4	90.9	100.2	0.00	0.00	0.00	
3,400.0	0.00	0.00	3,395.9	42.4	90.9	100.2	0.00	0.00	0.00	
3,500.0	0.00	0.00	3,495.9	42.4	90.9	100.2	0.00	0.00	0.00	
3,600.0	0.00	0.00	3,595.9	42.4	90.9	100.2	0.00	0.00	0.00	
3,700.0	0.00	0.00	3,695.9	42.4	90.9	100.2	0.00	0.00	0.00	
3,800.0	0.00	0.00	3,795.9	42.4	90.9	100.2	0.00	0.00	0.00	
3,900.0	0.00	0.00	3,895.9	42.4	90.9	100.2	0.00	0.00	0.00	
4,000.0	0.00	0.00	3,995.9	42.4	90.9	100.2	0.00	0.00	0.00	
4,100.0	0.00	0.00	4,095.9	42.4	90.9	100.2	0.00	0.00	0.00	
4,200.0	0.00	0.00	4,195.9	42.4	90.9	100.2	0.00	0.00	0.00	
4,300.0	0.00	0.00	4,295.9	42.4	90.9	100.2	0.00	0.00	0.00	
4,400.0	0.00	0.00	4,395.9	42.4	90.9	100.2	0.00	0.00	0.00	
4,500.0	0.00	0.00	4,495.9	42.4	90.9	100.2	0.00	0.00	0.00	
4,600.0	0.00	0.00	4,595.9	42.4	90.9	100.2	0.00	0.00	0.00	
4,700.0	0.00	0.00	4,695.9	42.4	90.9	100.2	0.00	0.00	0.00	
4,800.0	0.00	0.00	4,795.9	42.4	90.9	100.2	0.00	0.00	0.00	
4,900.0	0.00	0.00	4,895.9	42.4	90.9	100.2	0.00	0.00	0.00	
5,000.0	0.00	0.00	4,995.9	42.4	90.9	100.2	0.00	0.00	0.00	

Database:	EDM 2003.21 Single User Db	Local Co-ordinate Reference:	Well Jicarilla D #22
Company:	ConocoPhillips	TVD Reference:	RKB @ 7348.0ft (283)
Project:	SAN JUAN BASIN	MD Reference:	RKB @ 7348.0ft (283)
Site:	SEC 32-T26N-R3W	North Reference:	True
Well:	Jicarilla D #22	Survey Calculation Method:	Minimum Curvature
Wellbore:	Original Hole		
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)
5,100.0	0.00	0.00	5,095.9	42.4	90.9	100.2	0.00	0.00	0.00
5,200.0	0.00	0.00	5,195.9	42.4	90.9	100.2	0.00	0.00	0.00
5,300.0	0.00	0.00	5,295.9	42.4	90.9	100.2	0.00	0.00	0.00
5,400.0	0.00	0.00	5,395.9	42.4	90.9	100.2	0.00	0.00	0.00
5,500.0	0.00	0.00	5,495.9	42.4	90.9	100.2	0.00	0.00	0.00
5,600.0	0.00	0.00	5,595.9	42.4	90.9	100.2	0.00	0.00	0.00
5,700.0	0.00	0.00	5,695.9	42.4	90.9	100.2	0.00	0.00	0.00
5,800.0	0.00	0.00	5,795.9	42.4	90.9	100.2	0.00	0.00	0.00
5,900.0	0.00	0.00	5,895.9	42.4	90.9	100.2	0.00	0.00	0.00
6,000.0	0.00	0.00	5,995.9	42.4	90.9	100.2	0.00	0.00	0.00
6,100.0	0.00	0.00	6,095.9	42.4	90.9	100.2	0.00	0.00	0.00
6,200.0	0.00	0.00	6,195.9	42.4	90.9	100.2	0.00	0.00	0.00
6,300.0	0.00	0.00	6,295.9	42.4	90.9	100.2	0.00	0.00	0.00
6,400.0	0.00	0.00	6,395.9	42.4	90.9	100.2	0.00	0.00	0.00
6,504.1	0.00	0.00	6,500.0	42.4	90.9	100.2	0.00	0.00	0.00
7"									

Design Targets

Target Name	-hit/miss target	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
Jicarilla D #8 WH		0.00	0.00	0.0	-39.8	-65.4	1,979,708.49	694,135.28	36° 26' 20.427 N	107° 10' 24.032 W
- plan misses target center by 76.5ft at 0.0ft MD (0.0 TVD, 0.0 N, 0.0 E)										
- Circle (radius 5.0)										

Casing Points

Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")
6,504.1	6,500.0	7"	7	8-3/4