

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

JAN 07 2011

1a. Type of Work DRILL	5. Lease Number SF-079035 Farmington Field Office Bureau of Land Management Unit Reporting Number
1b. Type of Well GAS	6. If Indian, All. or Tribe
2. Operator ConocoPhillips Company	7. Unit Agreement Name DK/MV-NMMN-76309
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name Scott Federal 9. Well Number 6P RCVD MAR 3'11 OIL CONS. DIV. DIST. 3
4. Location of Well Surf: Unit N (SESW), 1260' FSL & 1887' FWL BH : Unit L (NWSW), 1840' FSL & 710' FWL Surf: Latitude: 36.48265° N (NAD83) Longitude: 107.49385° W BH : Latitude: 36.48403° N (NAD83) Longitude: 107.49785° W	10. Field, Pool, Wildcat Blanco MV/Basin DK 11. Sec., Twn, Rge, Mer. (NMPM) Sec. 17, T26N, R6W API # 30-039-31010
14. Distance in Miles from Nearest Town 35 Miled from Blanco, NM	12. County Rio Arriba 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1260'	
16. Acres in Lease 160	17. Acres Assigned to Well 320.00 Acres- (S/2)
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 100' from Scott #3-PC (DH)	
19. Proposed Depth 7539'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6720' GL This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4	22. Approx. Date Work will Start DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS".
23. Proposed Casing and Cementing Program See Operations Plan attached	
24. Authorized by: Brandie Blakley Brandie Blakley (Staff Regulatory Tech)	12-31-10 Date

PERMIT NO.

APPROVAL DATE

for Directional Survey
and "As Drilled" plat

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

Example Master Plan Type 3

Bond Numbers

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

DISTRICT I
1825 N. French Dr., Hobbs, N.M. 88240

State of New Mexico
Energy, Minerals & Natural Resources Department

RECEIVED

Form C-102
Revised October 12, 2005

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

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
Farmington Field Office
Bureau of Land Management

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-31010	² Pool Code 72319 / 71599	³ Pool Name BLANCO MESAVERDE / BASIN DAKOTA
⁴ Property Code 31608	⁵ Property Name SCOTT FEDERAL	⁶ Well Number 6 P
⁷ GRID No. 217817	⁸ Operator Name CONOCOPHILLIPS COMPANY	⁹ Elevation 6720'

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
N	17	26N	6W		1260'	SOUTH	1887'	WEST	RIO ARriba

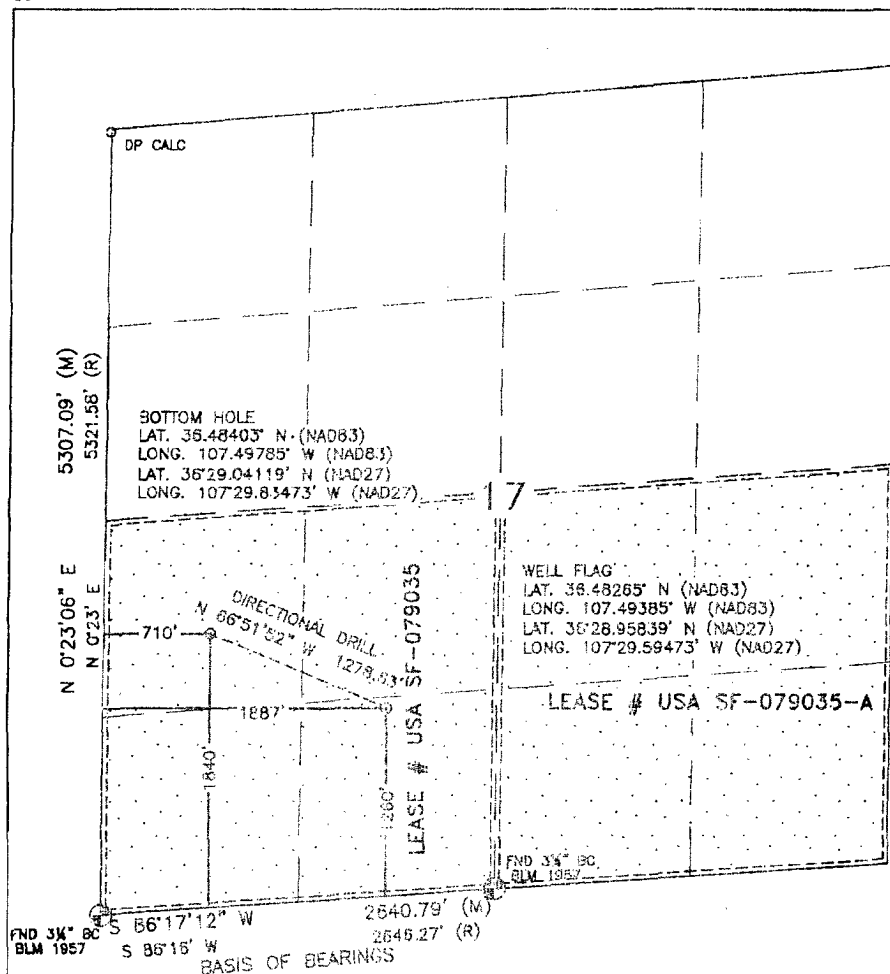
¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	17	26N	6W		1840'	SOUTH	710'	WEST	RIO ARriba

¹² Dedicated Acres 320.00 ACRES - S/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 or a compulsory pooling order heretofore entered by the division.

Crystal Tafoya 12/1/09
Signature Date

Crystal Tafoya 12/01/09
Printed Name

¹⁸ SURVEYOR CERTIFICATION

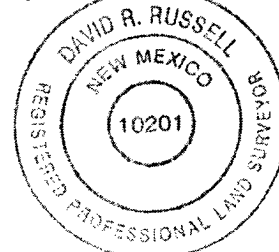
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

NOVEMBER 18, 2009

Date of Survey

Signature and Seal of Professional Surveyor:

David R. Russell



DAVID RUSSELL

Certificate Number

10201

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SCOTT FEDERAL 6P

DEVELOPMENT

Lease:		AFE #: WAN.CDR.9351				AFE \$: 971,774.57	
Field Name: SAN JUAN		Rig: Aztec Rig 711		State: NM	County: RIO ARRIBA		API #:
Geologist:	Phone:	Geophysicist:		Phone:			
Geoscientist:	Phone:	Prod. Engineer:		Phone:			
Res. Engineer:	Phone:	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: 36.482640	Longitude: -107.493246	X:	Y:	Section: 17	Range: 006W		
Footage X: 1887 FWL	Footage Y: 1260 FSL	Elevation: 6720	(FT)	Township: 026N			
Tolerance:							
Location: Bottom Hole		Datum Code: NAD 27				Directional	
Latitude: 36.484020	Longitude: -107.497245	X:	Y:	Section: 17	Range: 006W		
Footage X: 710 FWL	Footage Y: 1840 FSL	Elevation:	(FT)	Township: 026N			
Tolerance:							
Location Type: Restricted		Start Date (Est.): 1/1/2012		Completion Date:		Date In Operation:	
Formation Data: Assume KB = 6735 Units = FT							
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	MD (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	320	6415		☐			12-1/4 hole. 320' 9 5/8" 32.3 ppf, H-40, STC casing. Cement with 159 cuft. Circulate cement to surface.
NACIMIENTO	957	5778		☐			
OJO ALAMO	2331	4404		☐			
KIRTLAND	2487	4248		☐			
FRUITLAND	2628	4107		☐			Possible Gas
PICTURED CLIFFS	3023	3712		☐			
LEWIS	3098	3637		☐			
HUERFANITO BENTONITE	3457	3278		☐			
CHACRA	3894	2841		☐			
UPPER CLIFF HOUSE	4307	2428		☐			Gas; Est. Top Perf - 4309 (2428)
MASSIVE CLIFF HOUSE	4678	2057		☐	443		Gas; Cliffhouse is wet
MENEFEE	4711	2024		☐			
Intermediate Casing	4861	1874		☐		135	8 3/4" Hole. 7", 23 ppf, J-55, LTC Casing. Cement with 1150 cuft. Circulate cement to surface.
POINT LOOKOUT	5239	1496		☐			
MANCOS	5601	1134		☐			
UPPER GALLUP	6361	374		☐			
GREENHORN	7184	-449		☐			
GRANEROS	7242	-507		☐			
TWO WELLS	7295	-560		☐	2504		Gas
PAGUATE	7348	-613		☐			
UPPER CUBERO	7386	-651		☐			

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SCOTT FEDERAL 6P

DEVELOPMENT

LOWER CUBERO	7418	-683	☐	
ENCINAL	7489	-754	☐	TD - 50' below T/ENCN
Total Depth	7539	-804	☒	186 6-1/4" hole, 4-1/2" 11.6 ppf, L-80, LTC casing. Cement w/ 369 cuft. Circulate cement a minimum of 100' inside the previous casing string.

Reference Wells:

Reference Type	Well Name	Comments
Production	Breech 228M	26N 6W 18 SW NE SE
Production	Kaime 2	26N 6W 20 SW NE NE
Production	Scott Federal 6M	26N 6W 17 SE NW SE
Production	Scott Federal 6	26N 6W 17 SW NE SW
Production	Kaime 2M	26N 6W 20 SE NW NW

Logging Program:

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

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

Cased Hole GR / CBL, CNL

Mudlog from 100' above top of GLLP to TD - mudlogger will call TD.

Additional Information:

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

San Juan Basin - New Mexico West Wells

Other Named Wells

Scott Federal #6P

Principal Wellbore

Plan: Plan #1

Standard Planning Report

15 November, 2010

ConocoPhillips or its affiliates

Planning Report

Database:	EDM Central Planning	Local Co-ordinate Reference:	Well Scott Federal #6P
Company:	ConocoPhillips SJBU	TVD Reference:	RKB @ 6735.0ft (AWS Rigs)
Project:	San Juan Basin - New Mexico West Wells	MD Reference:	RKB @ 6735.0ft (AWS Rigs)
Site:	Other Named Wells	North Reference:	True
Well:	Scott Federal #6P	Survey Calculation Method:	Minimum Curvature
Wellbore:	Principal Wellbore		
Design:	Plan #1		

Project:	San Juan Basin - New Mexico West Wells, New Mexico, Directional "S"		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico West 3003		Using geodetic scale factor

Site		Other Named Wells			
Site Position:		Northing:	2,108,178.26 ft	Latitude:	36° 47' 33.793 N
From:	Lat/Long	Easting:	643,887.63 ft	Longitude:	107° 20' 30.932 W
Position Uncertainty:	15.0 ft	Slot Radius:	6-1/8"	Grid Convergence:	0.29 °

Well:	Scott Federal #6P, Directional "S" Curve Long, Lewis not included					
Well Position	+N-S	0.0 ft	Northing:	1,995,104.08 ft	Latitude:	36° 28' 57.503 N
	+E-W	0.0 ft	Easting:	599,979.74 ft	Longitude:	107° 29' 35.684 W
Position Uncertainty		3.5 ft	Wellhead Elevation:	ft	Ground Level:	6,720.0 ft

Wellbore:	Principal Wellbore				
Magnetics	Model Name	Sample Date	Declination	Dip Angle	Field Strength
	BGGM2010	11/15/2010	(°)	(°)	(nT)
			9.81	63.34	50,680

Design:	Plan #1				
Audit Notes:					
Version:	1	Phase:	PROTOTYPE	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W	Direction	
	(ft)	(ft)	(ft)	(°)	
	0.0	0.0	0.0	293.13	

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	
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.00	0.00	0.00	0.00	
2,585.3	29.71	293.13	2,519.6	147.9	-346.2	2.00	2.00	0.00	293.13	
3,646.5	29.71	293.13	3,441.4	354.5	-829.8	0.00	0.00	0.00	0.00	
5,131.8	0.00	0.00	4,861.0	502.4	-1,176.0	2.00	-2.00	0.00	180.00	Scott Federal #6P - IC
7,809.8	0.00	0.00	7,539.0	502.4	-1,176.0	0.00	0.00	0.00	0.00	Scott Federal #6P - P-

ConocoPhillips or its affiliates

Planning Report

Database:	EDM Central Planning	Local Co-ordinate Reference:	Well Scott Federal #6P
Company:	ConocoPhillips SJB	TVD Reference:	RKB @ 6735.0ft (AWS Rigs)
Project:	San Juan Basin - New Mexico West Wells	MD Reference:	RKB @ 6735.0ft (AWS Rigs)
Site:	Other Named Wells	North Reference:	True
Well:	Scott Federal #6P	Survey Calculation Method:	Minimum Curvature
Wellbore:	Principal Wellbore		
Design:	Plan #1		

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)
3,600.0	29.71	293.13	3,401.0	345.5	-808.6	879.3	0.00	0.00	0.00
3,646.5	29.71	293.13	3,441.4	354.5	-829.8	902.4	0.00	0.00	0.00
3,664.4	29.35	293.13	3,457.0	358.0	-837.9	911.2	2.00	-2.00	0.00
Huerfano Bentonite									
3,700.0	28.64	293.13	3,488.1	364.8	-853.8	928.4	2.00	-2.00	0.00
3,800.0	26.64	293.13	3,576.7	383.0	-896.4	974.8	2.00	-2.00	0.00
3,900.0	24.64	293.13	3,666.8	400.0	-936.2	1,018.1	2.00	-2.00	0.00
4,000.0	22.64	293.13	3,758.4	415.7	-973.1	1,058.2	2.00	-2.00	0.00
4,100.0	20.64	293.13	3,851.4	430.2	-1,007.0	1,095.0	2.00	-2.00	0.00
4,145.4	19.73	293.13	3,894.0	436.4	-1,021.4	1,110.7	2.00	-2.00	0.00
Chacra									
4,200.0	18.64	293.13	3,945.6	443.4	-1,037.9	1,128.6	2.00	-2.00	0.00
4,300.0	16.64	293.13	4,040.9	455.3	-1,065.7	1,158.9	2.00	-2.00	0.00
4,400.0	14.64	293.13	4,137.2	465.9	-1,090.5	1,185.9	2.00	-2.00	0.00
4,500.0	12.64	293.13	4,234.3	475.2	-1,112.2	1,209.5	2.00	-2.00	0.00
4,574.3	11.15	293.13	4,307.0	481.2	-1,126.3	1,224.8	2.00	-2.00	0.00
Upper Cliffhouse									
4,600.0	10.64	293.13	4,332.3	483.1	-1,130.7	1,229.6	2.00	-2.00	0.00
4,700.0	8.64	293.13	4,430.9	489.7	-1,146.1	1,246.4	2.00	-2.00	0.00
4,800.0	6.64	293.13	4,530.0	494.9	-1,158.4	1,259.6	2.00	-2.00	0.00
4,900.0	4.64	293.13	4,629.5	498.7	-1,167.4	1,269.5	2.00	-2.00	0.00
4,948.6	3.66	293.13	4,678.0	500.1	-1,170.6	1,273.0	2.00	-2.00	0.00
Massive Cliffhouse									
4,981.7	3.00	293.13	4,711.0	500.9	-1,172.4	1,274.9	2.00	-2.00	0.00
Menefee									
5,000.0	2.64	293.13	4,729.3	501.2	-1,173.2	1,275.8	2.00	-2.00	0.00
5,100.0	0.64	293.13	4,829.2	502.4	-1,175.8	1,278.7	2.00	-2.00	0.00
5,131.8	0.00	0.00	4,861.0	502.4	-1,176.0	1,278.8	2.00	-2.00	0.00
7" Intermediate Casing - Scott Federal #6P - ICP									
5,200.0	0.00	0.00	4,929.2	502.4	-1,176.0	1,278.8	0.00	0.00	0.00
5,300.0	0.00	0.00	5,029.2	502.4	-1,176.0	1,278.8	0.00	0.00	0.00
5,400.0	0.00	0.00	5,129.2	502.4	-1,176.0	1,278.8	0.00	0.00	0.00
5,500.0	0.00	0.00	5,229.2	502.4	-1,176.0	1,278.8	0.00	0.00	0.00
5,509.8	0.00	0.00	5,239.0	502.4	-1,176.0	1,278.8	0.00	0.00	0.00
Point Lookout									
5,600.0	0.00	0.00	5,329.2	502.4	-1,176.0	1,278.8	0.00	0.00	0.00
5,700.0	0.00	0.00	5,429.2	502.4	-1,176.0	1,278.8	0.00	0.00	0.00
5,800.0	0.00	0.00	5,529.2	502.4	-1,176.0	1,278.8	0.00	0.00	0.00
5,871.8	0.00	0.00	5,601.0	502.4	-1,176.0	1,278.8	0.00	0.00	0.00
Mancos									
5,900.0	0.00	0.00	5,629.2	502.4	-1,176.0	1,278.8	0.00	0.00	0.00
6,000.0	0.00	0.00	5,729.2	502.4	-1,176.0	1,278.8	0.00	0.00	0.00
6,100.0	0.00	0.00	5,829.2	502.4	-1,176.0	1,278.8	0.00	0.00	0.00
6,200.0	0.00	0.00	5,929.2	502.4	-1,176.0	1,278.8	0.00	0.00	0.00
6,300.0	0.00	0.00	6,029.2	502.4	-1,176.0	1,278.8	0.00	0.00	0.00
6,400.0	0.00	0.00	6,129.2	502.4	-1,176.0	1,278.8	0.00	0.00	0.00
6,500.0	0.00	0.00	6,229.2	502.4	-1,176.0	1,278.8	0.00	0.00	0.00
6,600.0	0.00	0.00	6,329.2	502.4	-1,176.0	1,278.8	0.00	0.00	0.00
6,631.8	0.00	0.00	6,361.0	502.4	-1,176.0	1,278.8	0.00	0.00	0.00
Upper Gallup									
6,700.0	0.00	0.00	6,429.2	502.4	-1,176.0	1,278.8	0.00	0.00	0.00
6,800.0	0.00	0.00	6,529.2	502.4	-1,176.0	1,278.8	0.00	0.00	0.00

ConocoPhillips or its affiliates
Planning Report

Database:	EDM Central Planning	Local Co-ordinate Reference:	Well Scott Federal #6P
Company:	ConocoPhillips SJB	TVD Reference:	RKB @ 6735.0ft (AWS Rigs)
Project:	San Juan Basin - New Mexico West Wells	MD Reference:	RKB @ 6735.0ft (AWS Rigs)
Site:	Other Named Wells	North Reference:	True
Well:	Scott Federal #6P	Survey Calculation Method:	Minimum Curvature
Wellbore:	Principal Wellbore		
Design:	Plan #1		

Planned Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Bulld Rate (°/100ft)	Turn Rate (°/100ft)	
6,900.0	0.00	0.00	6,629.2	502.4	-1,176.0	1,278.8	0.00	0.00	0.00	
7,000.0	0.00	0.00	6,729.2	502.4	-1,176.0	1,278.8	0.00	0.00	0.00	
7,100.0	0.00	0.00	6,829.2	502.4	-1,176.0	1,278.8	0.00	0.00	0.00	
7,200.0	0.00	0.00	6,929.2	502.4	-1,176.0	1,278.8	0.00	0.00	0.00	
7,300.0	0.00	0.00	7,029.2	502.4	-1,176.0	1,278.8	0.00	0.00	0.00	
7,400.0	0.00	0.00	7,129.2	502.4	-1,176.0	1,278.8	0.00	0.00	0.00	
7,454.8	0.00	0.00	7,184.0	502.4	-1,176.0	1,278.8	0.00	0.00	0.00	
Greenhorn										
7,500.0	0.00	0.00	7,229.2	502.4	-1,176.0	1,278.8	0.00	0.00	0.00	
7,512.8	0.00	0.00	7,242.0	502.4	-1,176.0	1,278.8	0.00	0.00	0.00	
Graneros										
7,565.8	0.00	0.00	7,295.0	502.4	-1,176.0	1,278.8	0.00	0.00	0.00	
Two Wells										
7,600.0	0.00	0.00	7,329.2	502.4	-1,176.0	1,278.8	0.00	0.00	0.00	
7,618.8	0.00	0.00	7,348.0	502.4	-1,176.0	1,278.8	0.00	0.00	0.00	
Paguate										
7,656.8	0.00	0.00	7,386.0	502.4	-1,176.0	1,278.8	0.00	0.00	0.00	
Upper Cubero										
7,688.8	0.00	0.00	7,418.0	502.4	-1,176.0	1,278.8	0.00	0.00	0.00	
Lower Cubero										
7,700.0	0.00	0.00	7,429.2	502.4	-1,176.0	1,278.8	0.00	0.00	0.00	
7,759.8	0.00	0.00	7,489.0	502.4	-1,176.0	1,278.8	0.00	0.00	0.00	
Encinal										
7,809.8	0.00	0.00	7,539.0	502.4	-1,176.0	1,278.8	0.00	0.00	0.00	
Total Depth - 4 1/2" Production Casing - Scott Federal #6P - PCP										

Targets										
Target Name	hit/miss target	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Eastings (ft)	Latitude	Longitude
Scott Federal #6P - ICP	- plan hits target center	0.00	0.00	4,861.0	502.4	-1,176.0	1,995,602.31	598,802.05	36° 29' 2.471 N	107° 29' 50.084 W
- Circle (radius 100.0)										
Scott Federal #6P - PCF	- plan hits target center	0.00	0.00	7,539.0	502.4	-1,176.0	1,995,602.31	598,802.05	36° 29' 2.471 N	107° 29' 50.084 W
- Circle (radius 100.0)										

Casing Points						
Measured Depth (ft)	Vertical Depth (ft)	Name			Casing Diameter (")	Hole Diameter (")
320.0	320.0	9 5/8" Surface Casing			9-5/8	12-1/4
5,131.8	4,861.0	7" Intermediate Casing			7	8-3/4
7,809.8	7,539.0	4 1/2" Production Casing			4-1/2	6-1/4

ConocoPhillips or its affiliates
Planning Report

Database:	EDM Central Planning	Local Co-ordinate Reference:	Well Scott Federal #6P
Company:	ConocoPhillips SJB	TVD Reference:	RKB @ 6735.0ft (AWS Rigs)
Project:	San Juan Basin - New Mexico West Wells	MD Reference:	RKB @ 6735.0ft (AWS Rigs)
Site:	Other Named Wells	North Reference:	True
Well:	Scott Federal #6P	Survey Calculation Method:	Minimum Curvature
Wellbore:	Principal Wellbore		
Design:	Plan #1		

Formations						
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)	
5,871.8	5,601.0	Mancos		0.00		
2,547.9	2,487.0	Kirtland		0.00		
7,759.8	7,489.0	Encinal		0.00		
2,372.4	2,331.0	Ojo		0.00		
2,825.2	2,728.0	Stage Tool		0.00		
957.0	957.0	Nacimiento		0.00		
4,981.7	4,711.0	Menefee		0.00		
5,509.8	5,239.0	Point Lookout		0.00		
4,574.3	4,307.0	Upper Cliffhouse		0.00		
7,688.8	7,418.0	Lower Cubero		0.00		
7,656.8	7,386.0	Upper Cubero		0.00		
3,251.2	3,098.0	Lewis		0.00		
7,512.8	7,242.0	Graneros		0.00		
4,948.6	4,678.0	Massive Cliffhouse		0.00		
3,664.4	3,457.0	Huerfano Bentonite		0.00		
7,454.8	7,184.0	Greenhorn		0.00		
7,565.8	7,295.0	Two Wells		0.00		
6,631.8	6,361.0	Upper Gallup		0.00		
4,145.4	3,894.0	Chacra		0.00		
7,618.8	7,348.0	Paguate		0.00		
3,164.8	3,023.0	Pictured Cliffs		0.00		
2,710.0	2,628.0	Fruitland		0.00		
7,809.8	7,539.0	Total Depth		0.00		

REFERENCE INFORMATION

RKB @ 6735.0ft (AWS Rigs)
Ground Elevation 6720.0
Reference Lat: 36° 28' 57.503 N
Reference Long: 107° 29' 35.684 W

Project: San Juan Basin - New Mexico West W
Site: Other Named Wells
Well: Scott Federal #6P
Wellbore: Principal Wellbore
Design: Plan #1

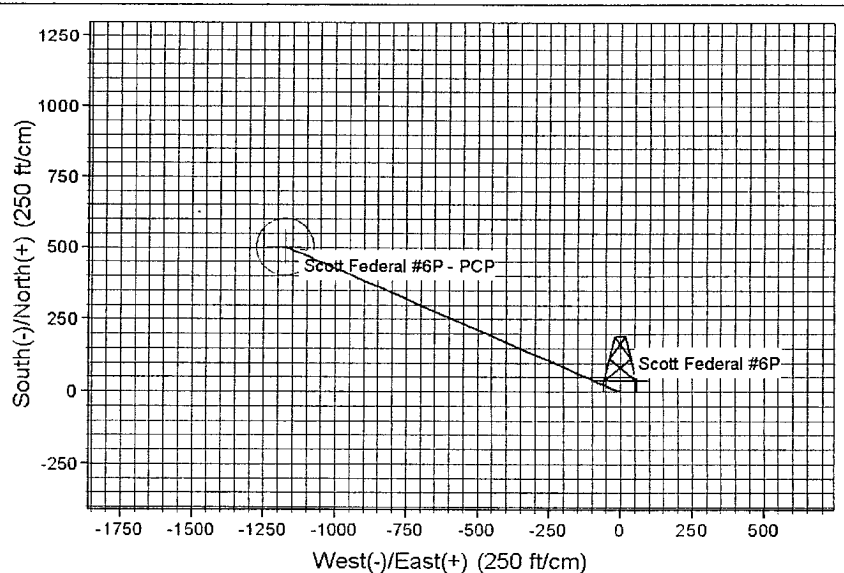
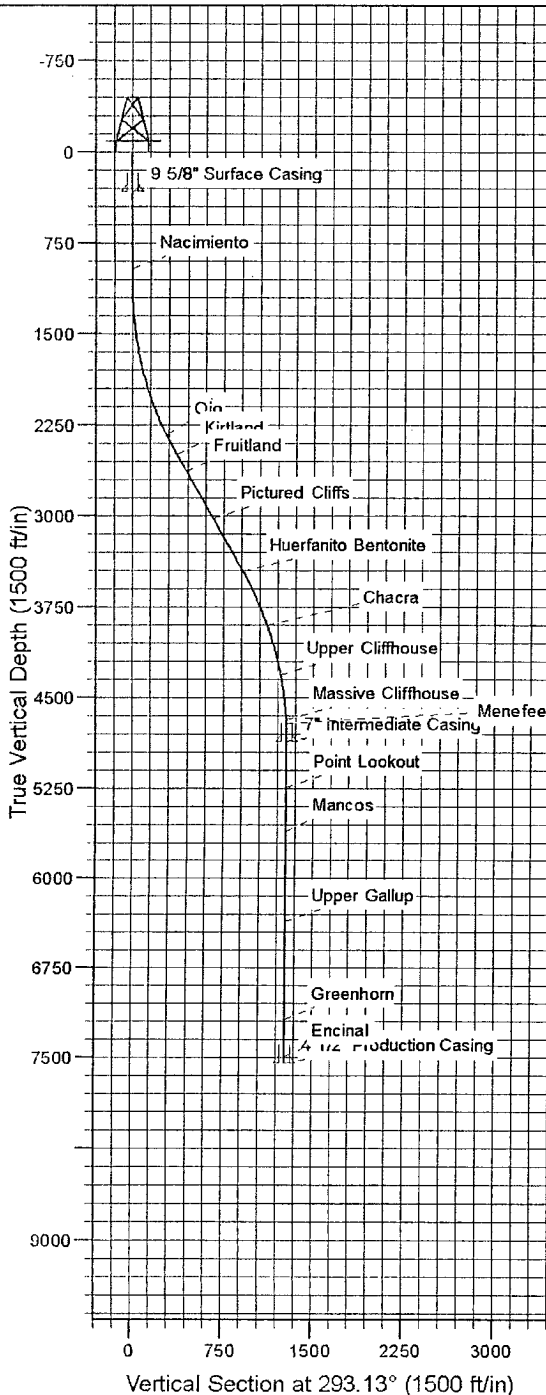
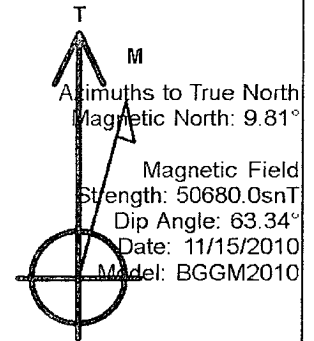
ConocoPhillips

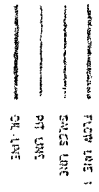
SECTION DETAILS

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	1100.0	0.00	0.00	1100.0	0.0	0.0	0.00	0.00	0.0	
3	2585.3	29.71	293.13	2519.6	147.9	-346.2	2.00	293.13	376.5	
4	3646.5	29.71	293.13	3441.4	354.5	-829.8	0.00	0.00	902.4	
5	5131.8	0.00	0.00	4861.0	502.4	-1176.0	2.00	180.00	1278.8	Scott Federal #6P - ICP
6	7809.8	0.00	0.00	7539.0	502.4	-1176.0	0.00	0.00	1278.8	Scott Federal #6P - PCP

FORMATION TOP DETAILS

TVDPath	MDPath	Formation
957.0	957.0	Nacimiento
2331.0	2372.4	Ojo
2487.0	2547.9	Kirtland
2628.0	2710.0	Fruitland
2728.0	2825.2	Stage Tool
3023.0	3164.8	Pictured Cliffs
3098.0	3251.2	Lewis
3457.0	3664.4	Huerfano Bentonite
3894.0	4145.4	Chacra
4307.0	4574.3	Upper Cliffhouse
4678.0	4948.6	Massive Cliffhouse
4711.0	4981.7	Menefee
5239.0	5509.8	Point Lookout
5601.0	5871.8	Mancos
6361.0	6631.8	Upper Gallup
7184.0	7454.8	Greenhorn
7242.0	7512.8	Graneros
7295.0	7565.8	Two Wells
7348.0	7618.8	Paguate
7386.0	7656.8	Upper Cubero
7418.0	7688.8	Lower Cubero
7489.0	7759.8	Encinal
7539.0	7809.8	Total Depth





CONOCOPHILLIPS COMPANY

SCOTT FEDERAL #6 P
1260' FSL & 1887' FWL
LOCATED IN THE SE/4 SW/4 OF SECTION 17,
T26N, R6W, N.M.P.M.,
RIO ARriba COUNTY, NEW MEXICO
GROUND ELEVATION: 6720', NAVD 88
FINISHED PAD ELEVATION: 6721.6', NAVD 88

- [illegible]

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

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

TOTAL PERMITTED AREA
330' x 400' = 3.03 ACRES
SCALE: 1" = 50'
JOB No.: COPC350_REV1
DATE: 11/18/09
DRAWN BY: TWT