

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

RECEIVED**MAY 02 2011****Sundry Notices and Reports on Wells**

**Farmington Field Office
Bureau of Land Management**

1. **Type of Well**
GAS

6. **Lease Number**
SF-079265
**If Indian, All. or
Tribe Name**

2. **Name of Operator**
BURLINGTON
RESOURCES OIL & GAS COMPANY LP

7. **Unit Agreement Name**

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

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

8. **Well Name & Number**
Klein 19P

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

Surface: Unit G (SWNE), 2394' FNL & 2099' FEL, Section 34, T26N, R6W, NMPM

BHL: Unit G (SWNE), 1950' FNL & 2350' FEL, Section 34, T26N, R6W, NMPM

9. **API Well No.**
30-039-30770

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 -	☐ Change of Plans & APD Extension
☐ Subsequent Report	☐ Recompletion	☐ New Construction		
☐ Final Abandonment	☐ Plugging	☐ Non-Routine Fracturing		
	☐ Casing Repair	☐ Water Shut off		
	☐ Altering Casing	☐ Conversion to Injection		

13. Describe Proposed or Completed Operations

Burlington Resources requests permission to move subject vertical well from the approved surface location of 1912' FNL & 1747' FEL to a **directional drill** well staked as follows: **Surface- 2394' FNL & 2099' FEL, BHL- 1950' FNL & 2350' FEL** due to our inability to obtain twinning agreement. A revised C102 plat, topo, pipeline plat, Project Proposal, Surface Use Agreement, pad diagram, cut & fill diagram, access road plat and driving directions are attached. The Directional Drill Plan & Plot are also attached.

Hold C104
for Directional Survey
and "As Drilled" plat

Burlington Resources also requests an extension to the APD for the subject well.

This final approval for the extension expires 6-17-2013.

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

Signed *Dollie L. Busse* Dollie L. Busse Title Staff Regulatory Technician Date 5/2/11

(This space for Federal or State Office use)

APPROVED BY Troy L. Salvors Title Petroleum Engineer Date 5/11/2011

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.

Hold C104
for Directional Survey
and "As Drilled" plat

NMOCD W

DISTRICT 1
1625 N. French Dr., Hobbs, N.M. 08240

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised July 10, 2010

DISTRICT II
1301 W. Grand Avenue, Artesia, N.M. 88210

OIL CONSERVATION DIVISION

Submit one copy to appropriate
District Office

DISTRICT III
1000 Rio Brazos Rd., Aztec, N.M. 87410

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

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

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-30770	² Pool Code 71599 / 72319	³ Pool Name BASIN DAKOTA/BLANCO MESAVERDE
⁴ Property Code 7228	⁵ Property Name KLEIN	⁶ Well Number 19 P
⁷ GRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	⁹ Elevation 6683'

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
G	34	26N	6W		2394'	NORTH	2099'	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
G	34	26N	6W		1950'	NORTH	2350'	EAST	RIO ARRIBA

¹² Dedicated Acres 320.0 Acres - (N/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

16

BASIS OF BEARINGS

S 89°27'29" W 2645.39' (M) FND 3/4" BC WC BLM 1957

S 89°21' W 2646.93' (R) CALC

N 0°23' W 5.28' (R)

1950' 2394' 2350' 2099'

LEASE # USA SF-079265

BOTTOM HOLE
LAT. 36.44496° N (NAD83)
LONG. 107.45396° W (NAD83)
LAT. 36°26.69695' N (NAD27)
LONG. 107°27.20117' W (NAD27)

DIRECTIONAL DRILL
N 30°51'58" W
513.23'

34

WELL FLAG
LAT. 36.44375° N (NAD83)
LONG. 107.45306° W (NAD83)
LAT. 36°26.62427' N (NAD27)
LONG. 107°27.14757' W (NAD27)

FND 3/4" BC BLM 1957

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.

Signature: Dollie L. Busse 5/2/11
Date: _____

Printed Name: Dollie L. Busse

E-mail Address: _____

N 1°31'32" W N 1°32' W

5356.27' (M) 5361.18' (R)

FND 3/4" BC BLM 1957

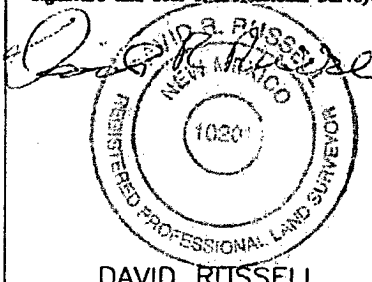
18 SURVEYOR CERTIFICATION

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 3, 2010

Date of Survey: _____

Signature and Seal of Professional Surveyor: David A. Russell



DAVID RUSSELL

Certificate Number: 10201

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

KLEIN 19P

DEVELOPMENT

Lease:		AFE #: WAN.CDR.8517		AFE \$: 1,604,993.80							
Field Name: SAN JUAN		Rig: Aztec Rig 673		State: NM	County: RIO ARRIBA						
Geologist:		Phone:		Geophysicist:							
Geoscientist:		Phone:		Prod. Engineer:							
Res. Engineer:		Phone:		Proj. Field Lead:							
Primary Objective (Zones): <table border="1"> <tr> <th>Zone</th> <th>Zone Name</th> </tr> <tr> <td>FRR</td> <td>BASIN DAKOTA (PRORATED GAS)</td> </tr> <tr> <td>RON</td> <td>BLANCO MESAVERDE (PRORATED GAS)</td> </tr> </table>						Zone	Zone Name	FRR	BASIN DAKOTA (PRORATED GAS)	RON	BLANCO MESAVERDE (PRORATED GAS)
Zone	Zone Name										
FRR	BASIN DAKOTA (PRORATED GAS)										
RON	BLANCO MESAVERDE (PRORATED GAS)										
Location: Surface Datum Code: NAD 27 Directional											
Latitude: 36.443739	Longitude: -107.452456	X:	Y:	Section: 34	Range: 006W						
Footage X: 2099 FEL	Footage Y: 2394 FNL	Elevation: 6683	(FT)	Township: 026N							
Tolerance:											
Location: Bottom Hole Datum Code: NAD 27 Directional											
Latitude: 36.444949	Longitude: -107.453356	X:	Y:	Section: 34	Range: 06W						
Footage X: 2350 FEL	Footage Y: 1950 FNL	Elevation:	(FT)	Township: 026N							
Tolerance:											
Location Type: Year Round		Start Date (Est.): 1/1/2011		Completion Date:							
				Date In Operation:							
Formation Data: Assume KB = 6698 Units = FT											
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	MD (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks				
Surface Casing	200	6498		☐			12 1/4 hole. 200' 9 5/8" 32.3 ppf, H-40, STC casing. Cement with 119 cuft. Circulate cement to surface.				
OJO ALAMO	2240	4458		☐							
KIRTLAND	2416	4282		☐							
FRUITLAND	2480	4218		☐			Possible Gas				
PICTURED CLIFFS	2876	3822		☐	246						
LEWIS	2993	3705		☐							
Intermediate Casing	3093	3605		☐		131	8 3/4" Hole. 7", 20/23 ppf, J-55, STC/LTC Casing, Cement with 709 cuft.. Circulate cement to surface.				
HUERFANITO BENTONITE	3303	3395		☐							
CHACRA	3756	2942		☐							
UPPER CLIFF HOUSE	4359	2339		☐			Cliffhouse is wet				
MASSIVE CLIFF HOUSE	4543	2155		☐							
MENELEE	4567	2131		☐	654		Est. Top Perf - 4767 (1931)				
POINT LOOKOUT	5121	1577		☐			GAS				
MANCOS	5449	1249		☐							
UPPER GALLUP	6170	528		☐							
GREENHORN	7047	-349		☐							
GRANEROS	7101	-403		☐							
TWO WELLS	7157	-459		☐	2803	178	Gas				
PAGUATE	7215	-517		☐							
UPPER CUBERO	7244	-546		☐							
LOWER CUBERO	7275	-577		☐							

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

KLEIN 19P

DEVELOPMENT

OAK CANYON	7310	-612	☐	
ENCINAL	7348	-650	☐	182 Est. Btm Perf - 7361 (-692) based on offset wells
BURRO CANYON	7386	-688	☐	
Total Depth	7418	-720	☐	183 6 1/4" hole, 4 1/2" 11.6 ppf, L-80, LTC casing. Cement w/ 566 cuft. Circulate cement a minimum of 100' inside the previous casing string.
MORRISON	7454	-756	☐	MRSN is wet in the Johnston A G 17M, 2.1 miles away to the SE and also lost circulation from the Vaughn 14N and Federal 12N.

Reference Wells:		
Reference Type	Well Name	Comments
Production	Klein 19	26N-6W34 SW NE NE
Production	Klein 24E	26N-6W34 SW NE SE
Production	Klein 19N	26N 6W 34 SW NE NW
Production	Klein 19E	26N-6W34 SW NE 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	
Mud log from ~100' above GLLP to TD. Perf 20' above TD. Mudlogger will call TD.	

Additional Information:					
Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks

ConocoPhillips or its affiliates

Planning Report

Database:	EDM Central Planning	Local Co-ordinate Reference:	Well Klein #19P
Company:	ConocoPhillips SJB	TVD Reference:	Rig @ 6698.0ft (Rig)
Project:	San Juan Basin - New Mexico West Wells	MD Reference:	Rig @ 6698.0ft (Rig)
Site:	Other Named Wells	North Reference:	True
Well:	Klein #19P	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
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	Klein #19P					
Well Position	+N/-S	0.0 ft	Northing:	1,980,987.50 ft	Latitude:	36° 26' 37.456 N
	+E/-W	0.0 ft	Easting:	612,026.11 ft	Longitude:	107° 27' 8.854 W
Position Uncertainty	3.5 ft	Wellhead Elevation:	ft	Ground Level:	6,683.0 ft	

Wellbore:	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination	Dip Angle	Field Strength
			(°)	(°)	(nT)
	BGGM2010	12/21/2010	9.77	63.31	50,653

Design:	Plan #1				
Audit Notes:					
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.0	
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W	Direction	
	(ft)	(ft)	(ft)	(°)	
	30.0	0.0	0.0	329.21	

Plan Sections										
Measured Depth	Inclination	Azimuth	Vertical Depth	+N/-S	+E/-W	Dogleg Rate	Build Rate	Turn Rate	TFO	Target
(ft)	(°)	(°)	(ft)	(ft)	(ft)	(°/100ft)	(°/100ft)	(°/100ft)	(°)	
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
551.9	11.04	329.21	548.5	45.5	-27.1	2.00	2.00	0.00	329.21	
2,771.8	11.04	329.21	2,727.3	410.6	-244.7	0.00	0.00	0.00	0.00	
3,139.7	0.00	0.00	3,093.0	441.0	-262.8	3.00	-3.00	0.00	180.00	
7,464.7	0.00	0.00	7,418.0	441.0	-262.8	0.00	0.00	0.00	0.00	Klein #19P PCP

ConocoPhillips or its affiliates

Planning Report

Database:	EDM Central Planning	Local Co-ordinate Reference:	Well Klein #19P
Company:	ConocoPhillips SJBU	TVD Reference:	Rig @ 6698.0ft (Rig)
Project:	San Juan Basin - New Mexico West Wells	MD Reference:	Rig @ 6698.0ft (Rig)
Site:	Other Named Wells	North Reference:	True
Well:	Klein #19P	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
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)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	2.00	329.21	100.0	1.5	-0.9	1.7	2.00	2.00	0.00
200.0	4.00	329.21	199.8	6.0	-3.6	7.0	2.00	2.00	0.00
230.2	4.60	329.21	230.0	7.9	-4.7	9.2	2.00	2.00	0.00
Surface									
300.0	6.00	329.21	299.5	13.5	-8.0	15.7	2.00	2.00	0.00
400.0	8.00	329.21	398.7	24.0	-14.3	27.9	2.00	2.00	0.00
500.0	10.00	329.21	497.5	37.4	-22.3	43.5	2.00	2.00	0.00
551.9	11.04	329.21	548.5	45.5	-27.1	53.0	2.00	2.00	0.00
600.0	11.04	329.21	595.7	53.4	-31.8	62.2	0.00	0.00	0.00
700.0	11.04	329.21	693.9	69.9	-41.6	81.4	0.00	0.00	0.00
800.0	11.04	329.21	792.0	86.3	-51.4	100.5	0.00	0.00	0.00
900.0	11.04	329.21	890.2	102.8	-61.2	119.6	0.00	0.00	0.00
1,000.0	11.04	329.21	988.3	119.2	-71.0	138.8	0.00	0.00	0.00
1,100.0	11.04	329.21	1,086.5	135.7	-80.8	157.9	0.00	0.00	0.00
1,200.0	11.04	329.21	1,184.6	152.1	-90.6	177.1	0.00	0.00	0.00
1,300.0	11.04	329.21	1,282.8	168.6	-100.4	196.2	0.00	0.00	0.00
1,400.0	11.04	329.21	1,380.9	185.0	-110.2	215.4	0.00	0.00	0.00
1,500.0	11.04	329.21	1,479.1	201.5	-120.0	234.5	0.00	0.00	0.00
1,600.0	11.04	329.21	1,577.2	217.9	-129.8	253.7	0.00	0.00	0.00
1,700.0	11.04	329.21	1,675.4	234.4	-139.6	272.8	0.00	0.00	0.00
1,800.0	11.04	329.21	1,773.5	250.8	-149.4	292.0	0.00	0.00	0.00
1,900.0	11.04	329.21	1,871.7	267.3	-159.2	311.1	0.00	0.00	0.00
2,000.0	11.04	329.21	1,969.8	283.7	-169.0	330.2	0.00	0.00	0.00
2,100.0	11.04	329.21	2,068.0	300.1	-178.8	349.4	0.00	0.00	0.00
2,200.0	11.04	329.21	2,166.1	316.6	-188.6	368.5	0.00	0.00	0.00
2,275.3	11.04	329.21	2,240.0	329.0	-196.0	383.0	0.00	0.00	0.00
Ojo Alamo									
2,300.0	11.04	329.21	2,264.3	333.0	-198.4	387.7	0.00	0.00	0.00
2,400.0	11.04	329.21	2,362.4	349.5	-208.2	406.8	0.00	0.00	0.00
2,454.6	11.04	329.21	2,416.0	358.5	-213.6	417.3	0.00	0.00	0.00
Kirtland									
2,500.0	11.04	329.21	2,460.6	365.9	-218.0	426.0	0.00	0.00	0.00
2,519.8	11.04	329.21	2,480.0	369.2	-220.0	429.8	0.00	0.00	0.00
Fruitland									
2,600.0	11.04	329.21	2,558.7	382.4	-227.8	445.1	0.00	0.00	0.00
2,700.0	11.04	329.21	2,656.9	398.8	-237.6	464.3	0.00	0.00	0.00
2,771.8	11.04	329.21	2,727.3	410.6	-244.7	478.0	0.00	0.00	0.00
2,800.0	10.19	329.21	2,755.0	415.1	-247.3	483.2	3.00	-3.00	0.00
2,900.0	7.19	329.21	2,853.9	428.1	-255.1	498.3	3.00	-3.00	0.00
2,922.3	6.52	329.21	2,876.0	430.4	-256.4	501.0	3.00	-3.00	0.00
Pictured Cliffs									
3,000.0	4.19	329.21	2,953.4	436.6	-260.2	508.2	3.00	-3.00	0.00
3,039.7	3.00	329.21	2,993.0	438.7	-261.4	510.7	3.00	-3.00	0.00
Lewis									
3,100.0	1.19	329.21	3,053.3	440.6	-262.6	512.9	3.00	-3.00	0.00
3,139.7	0.00	0.00	3,093.0	441.0	-262.8	513.3	3.00	-3.00	0.00
Inter - Klein #19P ICP									
3,200.0	0.00	0.00	3,153.3	441.0	-262.8	513.3	0.00	0.00	0.00
3,300.0	0.00	0.00	3,253.3	441.0	-262.8	513.3	0.00	0.00	0.00
3,349.7	0.00	0.00	3,303.0	441.0	-262.8	513.3	0.00	0.00	0.00
Huerfano Bentonite									
3,400.0	0.00	0.00	3,353.3	441.0	-262.8	513.3	0.00	0.00	0.00

ConocoPhillips or its affiliates

Planning Report

Database:	EDM Central Planning	Local Co-ordinate Reference:	Well Klein #19P
Company:	ConocoPhillips SJBU	TVD Reference:	Rig @ 6698.0ft (Rig)
Project:	San Juan Basin- New Mexico West Wells	MD Reference:	Rig @ 6698.0ft (Rig)
Site:	Other Named Wells	North Reference:	True
Well:	Klein #19P	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
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)
3,500.0	0.00	0.00	3,453.3	441.0	-262.8	513.3	0.00	0.00	0.00
3,600.0	0.00	0.00	3,553.3	441.0	-262.8	513.3	0.00	0.00	0.00
3,700.0	0.00	0.00	3,653.3	441.0	-262.8	513.3	0.00	0.00	0.00
3,800.0	0.00	0.00	3,753.3	441.0	-262.8	513.3	0.00	0.00	0.00
3,802.7	0.00	0.00	3,756.0	441.0	-262.8	513.3	0.00	0.00	0.00
Chacra									
3,900.0	0.00	0.00	3,853.3	441.0	-262.8	513.3	0.00	0.00	0.00
4,000.0	0.00	0.00	3,953.3	441.0	-262.8	513.3	0.00	0.00	0.00
4,100.0	0.00	0.00	4,053.3	441.0	-262.8	513.3	0.00	0.00	0.00
4,200.0	0.00	0.00	4,153.3	441.0	-262.8	513.3	0.00	0.00	0.00
4,300.0	0.00	0.00	4,253.3	441.0	-262.8	513.3	0.00	0.00	0.00
4,400.0	0.00	0.00	4,353.3	441.0	-262.8	513.3	0.00	0.00	0.00
4,405.7	0.00	0.00	4,359.0	441.0	-262.8	513.3	0.00	0.00	0.00
Upper Cliff House									
4,500.0	0.00	0.00	4,453.3	441.0	-262.8	513.3	0.00	0.00	0.00
4,589.7	0.00	0.00	4,543.0	441.0	-262.8	513.3	0.00	0.00	0.00
Massive Cliff House									
4,600.0	0.00	0.00	4,553.3	441.0	-262.8	513.3	0.00	0.00	0.00
4,613.7	0.00	0.00	4,567.0	441.0	-262.8	513.3	0.00	0.00	0.00
Menefee									
4,700.0	0.00	0.00	4,653.3	441.0	-262.8	513.3	0.00	0.00	0.00
4,800.0	0.00	0.00	4,753.3	441.0	-262.8	513.3	0.00	0.00	0.00
4,900.0	0.00	0.00	4,853.3	441.0	-262.8	513.3	0.00	0.00	0.00
5,000.0	0.00	0.00	4,953.3	441.0	-262.8	513.3	0.00	0.00	0.00
5,100.0	0.00	0.00	5,053.3	441.0	-262.8	513.3	0.00	0.00	0.00
5,167.7	0.00	0.00	5,121.0	441.0	-262.8	513.3	0.00	0.00	0.00
Point Lookout									
5,200.0	0.00	0.00	5,153.3	441.0	-262.8	513.3	0.00	0.00	0.00
5,300.0	0.00	0.00	5,253.3	441.0	-262.8	513.3	0.00	0.00	0.00
5,400.0	0.00	0.00	5,353.3	441.0	-262.8	513.3	0.00	0.00	0.00
5,495.7	0.00	0.00	5,449.0	441.0	-262.8	513.3	0.00	0.00	0.00
Mancos									
5,500.0	0.00	0.00	5,453.3	441.0	-262.8	513.3	0.00	0.00	0.00
5,600.0	0.00	0.00	5,553.3	441.0	-262.8	513.3	0.00	0.00	0.00
5,700.0	0.00	0.00	5,653.3	441.0	-262.8	513.3	0.00	0.00	0.00
5,800.0	0.00	0.00	5,753.3	441.0	-262.8	513.3	0.00	0.00	0.00
5,900.0	0.00	0.00	5,853.3	441.0	-262.8	513.3	0.00	0.00	0.00
6,000.0	0.00	0.00	5,953.3	441.0	-262.8	513.3	0.00	0.00	0.00
6,100.0	0.00	0.00	6,053.3	441.0	-262.8	513.3	0.00	0.00	0.00
6,200.0	0.00	0.00	6,153.3	441.0	-262.8	513.3	0.00	0.00	0.00
6,216.7	0.00	0.00	6,170.0	441.0	-262.8	513.3	0.00	0.00	0.00
Upper Gallup									
6,300.0	0.00	0.00	6,253.3	441.0	-262.8	513.3	0.00	0.00	0.00
6,400.0	0.00	0.00	6,353.3	441.0	-262.8	513.3	0.00	0.00	0.00
6,500.0	0.00	0.00	6,453.3	441.0	-262.8	513.3	0.00	0.00	0.00
6,600.0	0.00	0.00	6,553.3	441.0	-262.8	513.3	0.00	0.00	0.00
6,700.0	0.00	0.00	6,653.3	441.0	-262.8	513.3	0.00	0.00	0.00
6,800.0	0.00	0.00	6,753.3	441.0	-262.8	513.3	0.00	0.00	0.00
6,900.0	0.00	0.00	6,853.3	441.0	-262.8	513.3	0.00	0.00	0.00
7,000.0	0.00	0.00	6,953.3	441.0	-262.8	513.3	0.00	0.00	0.00
7,093.7	0.00	0.00	7,047.0	441.0	-262.8	513.3	0.00	0.00	0.00
Greenhorn									

ConocoPhillips or its affiliates

Planning Report

Database:	EDM Central Planning	Local Co-ordinate Reference:	Well Klein #19P
Company:	ConocoPhillips SJB	TVD Reference:	Rig @ 6698.0ft (Rig)
Project:	San Juan Basin - New Mexico West Wells	MD Reference:	Rig @ 6698.0ft (Rig)
Site:	Other Named Wells	North Reference:	True
Well:	Klein #19P	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
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)
7,100.0	0.00	0.00	7,053.3	441.0	-262.8	513.3	0.00	0.00	0.00
7,147.7	0.00	0.00	7,101.0	441.0	-262.8	513.3	0.00	0.00	0.00
Graneros									
7,200.0	0.00	0.00	7,153.3	441.0	-262.8	513.3	0.00	0.00	0.00
7,203.7	0.00	0.00	7,157.0	441.0	-262.8	513.3	0.00	0.00	0.00
Two Wells									
7,261.7	0.00	0.00	7,215.0	441.0	-262.8	513.3	0.00	0.00	0.00
Paguate									
7,290.7	0.00	0.00	7,244.0	441.0	-262.8	513.3	0.00	0.00	0.00
Upper Cubero									
7,300.0	0.00	0.00	7,253.3	441.0	-262.8	513.3	0.00	0.00	0.00
7,321.7	0.00	0.00	7,275.0	441.0	-262.8	513.3	0.00	0.00	0.00
Lower Cubero									
7,356.7	0.00	0.00	7,310.0	441.0	-262.8	513.3	0.00	0.00	0.00
Oak Canyon									
7,394.7	0.00	0.00	7,348.0	441.0	-262.8	513.3	0.00	0.00	0.00
Encinal									
7,400.0	0.00	0.00	7,353.3	441.0	-262.8	513.3	0.00	0.00	0.00
7,464.7	0.00	0.00	7,418.0	441.0	-262.8	513.3	0.00	0.00	0.00
Total Depth - Production - Klein #19P PCP									

Targets

Target Name	hit/miss target	Shape	Dip Angle (°)	Dip Dir (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
Klein #19P PCP	- plan hits target center	- Point	0.00	0.00	7,418.0	441.0	-262.8	1,981,427.43	611,761.61	36° 26' 41.817 N	107° 27' 12.070 W
Klein #19P ICP	- plan hits target center	- Point	0.00	0.00	3,093.0	441.0	-262.8	1,981,427.43	611,761.61	36° 26' 41.817 N	107° 27' 12.070 W

Casing Points

Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")
230.2	230.0	Surface	9-5/8	12-1/4
3,139.7	3,093.0	Inter	7	8-3/4
7,464.7	7,418.0	Production	4-1/2	6-1/4

ConocoPhillips or its affiliates

Planning Report

Database:	EDM Central Planning	Local Co-ordinate Reference:	Well Klein #19P
Company:	ConocoPhillips SJB	TVD Reference:	Rig @ 6698.0ft (Rig)
Project:	San Juan Basin - New Mexico West Wells	MD Reference:	Rig @ 6698.0ft (Rig)
Site:	Other Named Wells	North Reference:	True
Well:	Klein #19P	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1		

Formations						
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)	
3,048.8	2,993.0	Lewis		0.00		
4,414.8	4,359.0	Upper Cliff House		0.00		
5,176.8	5,121.0	Point Lookout		0.00		
7,365.8	7,310.0	Oak Canyon		0.00		
6,225.8	6,170.0	Upper Gallup		0.00		
7,473.8	7,418.0	Total Depth		0.00		
7,102.8	7,047.0	Greenhorn		0.00		
3,358.8	3,303.0	Huerfano Bentonite		0.00		
7,156.8	7,101.0	Graneros		0.00		
2,526.8	2,480.0	Fruitland		0.00		
7,330.8	7,275.0	Lower Cubero		0.00		
4,622.8	4,567.0	Menefee		0.00		
7,403.8	7,348.0	Encinal		0.00		
7,212.8	7,157.0	Two Wells		0.00		
4,598.8	4,543.0	Massive Cliff House		0.00		
7,299.8	7,244.0	Upper Cubero		0.00		
5,504.8	5,449.0	Mancos		0.00		
3,811.8	3,756.0	Chacra		0.00		
7,270.8	7,215.0	Paguate		0.00		
2,931.3	2,876.0	Pictured Cliffs		0.00		
2,279.9	2,240.0	Ojo Alamo		0.00		
2,461.0	2,416.0	Kirtland		0.00		

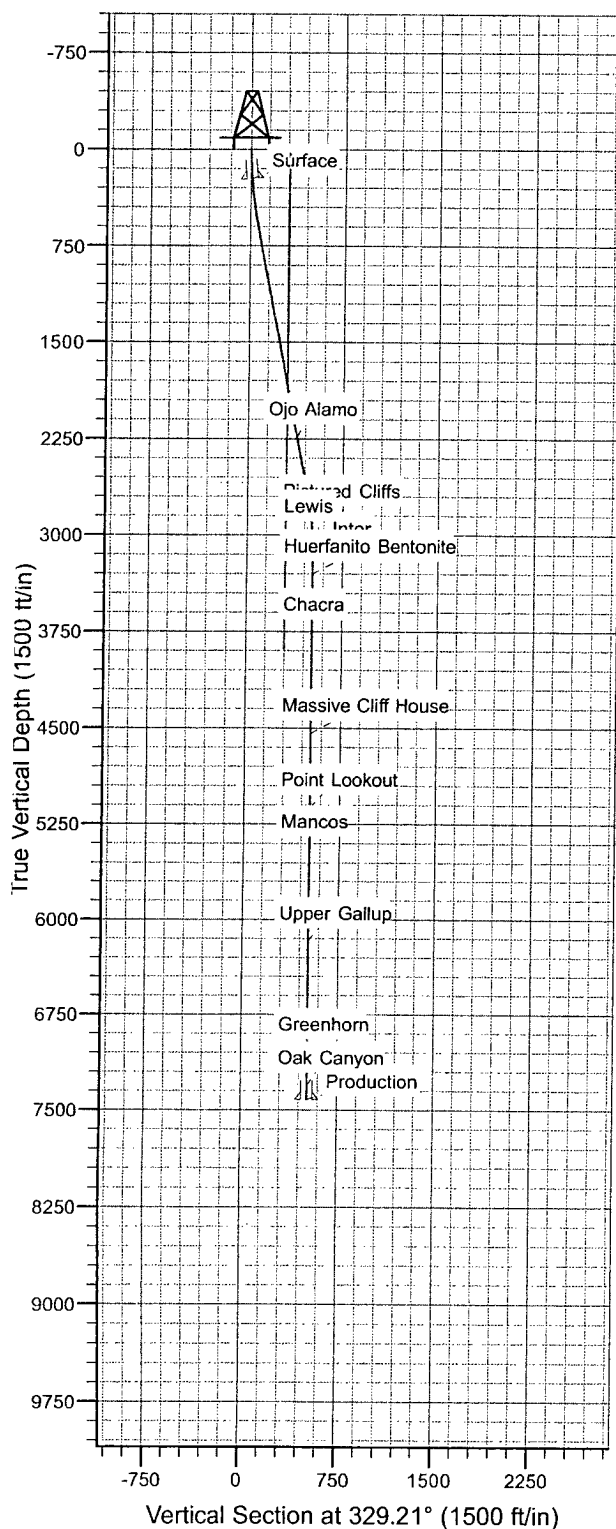
Rig @ 6698.0ft (Rig)
 Ground Elevation 6683.0
 Reference Lat: 36° 26' 37.456 N
 Reference Long: 107° 27' 8.854 W

Project: San Juan Basin - New Mexico west v
 Site: Other Named Wells
 Well: Klein #19P
 Wellbore: Wellbore #1
 Design: Plan #1

ConocoPhillips

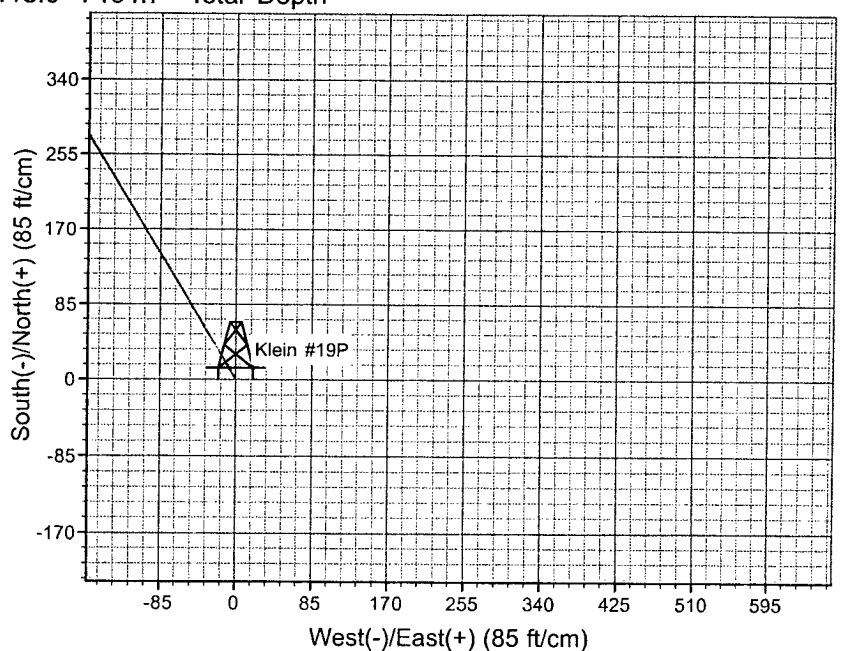
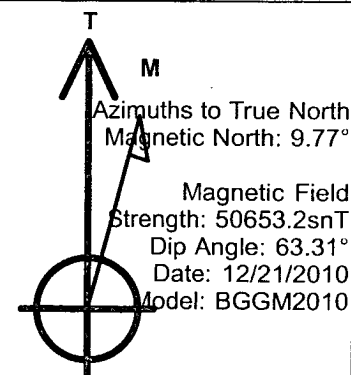
SECTION DETAILS

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	551.9	11.04	329.21	548.5	45.5	-27.1	2.00	329.21	53.0	
3	2771.8	11.04	329.21	2727.3	410.6	-244.7	0.00	0.00	478.0	
4	3139.7	0.00	0.00	3093.0	441.0	-262.8	3.00	180.00	513.3	
5	7464.7	0.00	0.00	7418.0	441.0	-262.8	0.00	0.00	513.3	Klein #19P PCP



FORMATION TOP DETAILS

TVDP	MD	Formation
2240.0	2275.3	Ojo Alamo
2416.0	2454.6	Kirtland
2480.0	2519.8	Fruitland
2876.0	2922.3	Pictured Cliffs
2993.0	3039.7	Lewis
3303.0	3349.7	Huerfano Bentonite
3756.0	3802.7	Chacra
4359.0	4405.7	Upper Cliff House
4543.0	4589.7	Massive Cliff House
4567.0	4613.7	Menefee
5121.0	5167.7	Point Lookout
5449.0	5495.7	Mancos
6170.0	6216.7	Upper Gallup
7047.0	7093.7	Greenhorn
7101.0	7147.7	Graneros
7157.0	7203.7	Two Wells
7215.0	7261.7	Paguate
7244.0	7290.7	Upper Cubero
7275.0	7321.7	Lower Cubero
7310.0	7356.7	Oak Canyon
7348.0	7394.7	Encinal
7418.0	7464.7	Total Depth



BURLINGTON RESOURCES OIL & GAS COMPANY LP

KLEIN #19 P

2394' FNL & 2099' FEL

LOCATED IN THE SW/4 NE/4 OF SECTION 34,

T26N, R6W, N.M.P.M.,

RIO ARriba COUNTY, NEW MEXICO

DIRECTIONS

- 1) FROM BLANCO POST OFFICE, GO 1.3 MILES EAST ON HWY 64 TO CR 4450.
- 2) TURN RIGHT & TRAVEL 3.6 MILES TO INTERSECTION.
- 3) TURN RIGHT & CROSS BRIDGE, TRAVEL 21.8 MILES SOUTH ALONG LARGO CANYON TO OLD SCHOOL HOUSE.
- 4) TURN RIGHT & TRAVEL 2.5 MILES.
- 5) TURN LEFT & CROSS LARGO WASH & GO 2.9 MILES.
- 6) TURN RIGHT & TRAVEL 2.2 MILES TO TOP OF GONZALES MESA.
- 7) TURN LEFT & GO 0.6 MILES TO FLAGGED ACCESS ON THE RIGHT.

WELL FLAG LOCATED AT LAT. 36.44375°N, LONG. 107.45306°W (NAD 83).

