

"AS DRILLED PLAT"

DISTRICT I
1625 N. French Dr., Hobbs, N.M. 88240

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised October 12, 2005

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

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

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

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

RCVD FEB 8 '08
AMENDED REPORT
OIL CONS. DIV.

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-30350	² Pool Code 71599/72319	³ Pool Name: DIST. 3 BASIN DAKOTA/BLANCO MESAVERDE
⁴ Property Code 7228	⁵ Property Name KLEIN	⁶ Well Number 19N
⁷ GRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL AND GAS COMPANY LP	⁹ Elevation 6393'

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
C	34	26N	6W		1150'	NORTH	1840'	WEST	RIO ARriba

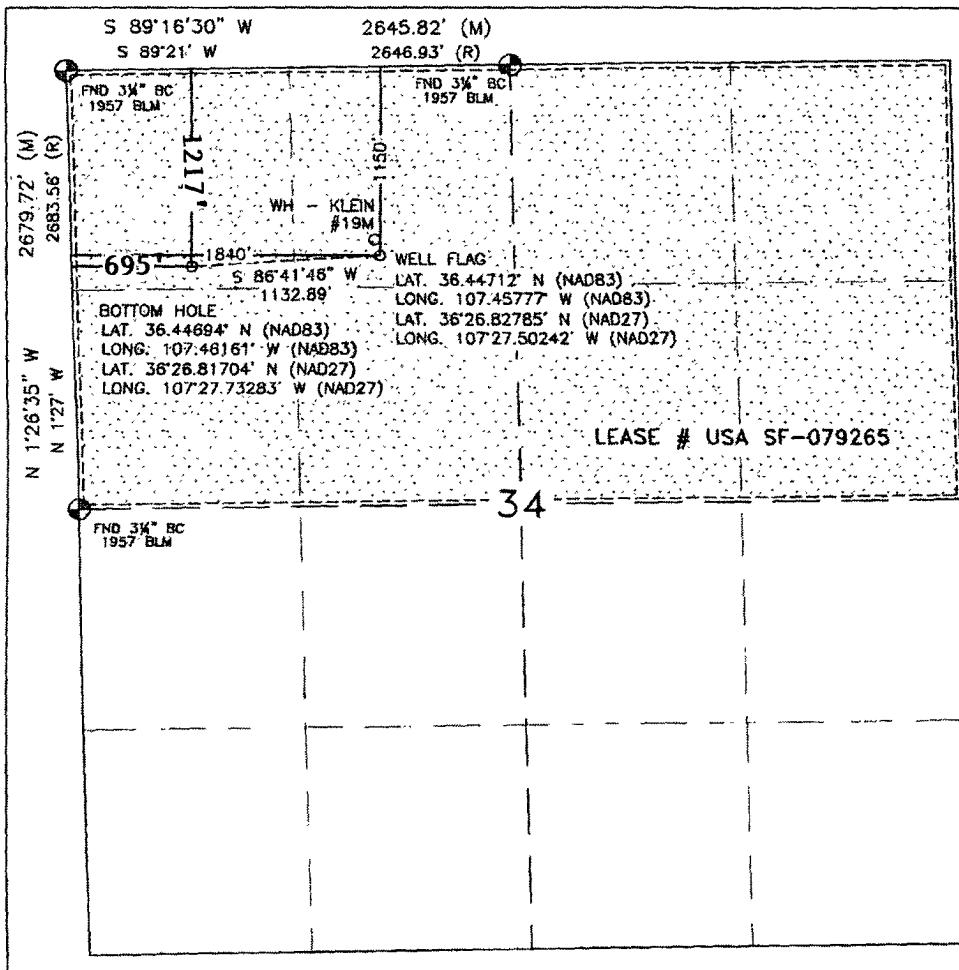
¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn.	Feet from the	North/South line	Feet from the	East/West line	County
D	34	26N	6W		1217'	NORTH	695'	WEST	RIO ARriba

¹² Dedicated Acres 320.00 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



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 unless 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.

Patsy Clugston 2/5/08
Signature Date

Patsy Clugston

Printed Name

¹⁸ SURVEYOR CERTIFICATION

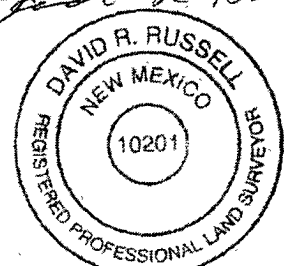
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

JUNE 25, 2007

Date of Survey

Signature and Seal of Professional Surveyor:

David R. Russell



DAVID RUSSELL

Certificate Number

10201

Hathaway Burnham Navigational

RCVD FEB 8 '08

OIL CONS. DIV.

DIST. 3

Survey Calculation Sheet

Company												
Well	KLEIN 19N					Mag. Decl. 10.16						
Field	KLEIN					Target TVD 4579.00						
Rig	AZTEC 730					Target Az. 267.47						
H & B	D.D. L SMITH - M AYALA					Tgt. Coord.						

Date	No.	DEPTH	INC.	AZM	C.L.	T.V.D.	V.S.	N/S	E/W	DLS	B/D.	BHA
Tie - In												
	1	382	1.70	10.80	382	381.94	-1.31	5.57 N	1.06 E	0.45	0.45	1
	2	474	1.40	133.00	92	473.93	-2.41	6.14 N	2.14 E	2.95	-0.33	
	3	565	2.40	236.00	91	564.90	-1.56	4.32 N	1.37 E	3.34	1.10	
	4	657	5.10	245.00	92	656.69	3.86	1.51 N	3.93 W	2.99	2.93	
	5	749	5.50	258.00	92	748.30	11.99	1.13 S	11.95 W	1.37	0.43	
	6	843	8.40	250.00	94	841.60	22.98	4.42 S	22.81 W	3.25	3.09	
	7	937	10.60	257.00	94	934.31	38.03	8.71 S	37.69 W	2.64	2.34	
	8	1031	12.00	262.00	94	1026.49	56.26	12.02 S	55.79 W	1.82	1.49	
	9	1125	14.40	266.00	94	1118.00	77.68	14.19 S	77.12 W	2.73	2.55	
	10	1220	16.20	271.00	95	1209.63	102.71	14.79 S	102.16 W	2.35	1.89	
	11	1314	18.40	271.00	94	1299.37	130.61	14.30 S	130.11 W	2.34	2.34	
	12	1409	18.60	270.30	95	1389.47	160.71	13.96 S	160.25 W	0.31	0.21	
	13	1505	19.80	271.00	96	1480.12	192.23	13.59 S	191.81 W	1.27	1.25	
	14	1599	20.20	271.30	94	1568.45	224.31	12.95 S	223.96 W	0.44	0.43	
	15	1694	18.80	268.00	95	1658.01	255.98	13.11 S	255.65 W	1.87	-1.47	
	16	1820	18.70	268.40	126	1777.32	296.48	14.38 S	296.14 W	0.13	-0.08	
	17	1915	18.90	268.50	95	1867.25	327.09	15.21 S	326.74 W	0.21	0.21	
	18	2010	18.80	268.60	95	1957.16	357.78	15.99 S	357.42 W	0.11	-0.11	
	19	2101	20.10	266.20	91	2042.96	388.08	17.38 S	387.69 W	1.68	1.43	
	20	2196	20.20	265.70	95	2132.15	420.79	19.69 S	420.33 W	0.21	0.11	
	21	2289	19.20	264.90	93	2219.70	452.11	22.26 S	451.57 W	1.11	-1.08	
	22	2382	20.00	264.90	93	2307.31	483.28	25.03 S	482.65 W	0.86	0.86	
	23	2477	20.90	267.00	95	2396.33	516.45	27.36 S	515.75 W	1.22	0.95	
	24	2572	20.20	266.00	95	2485.28	549.80	29.39 S	549.03 W	0.82	-0.74	
	25	2664	20.70	266.00	92	2571.48	581.93	31.64 S	581.10 W	0.54	0.54	
	26	2758	22.20	266.60	94	2658.97	616.29	33.85 S	615.40 W	1.61	1.60	
	27	2853	21.00	269.70	95	2747.30	651.25	35.00 S	650.34 W	1.74	-1.26	
	28	2949	19.20	269.00	96	2837.45	684.22	35.37 S	683.33 W	1.89	-1.88	
	29	3043	17.40	268.40	94	2926.69	713.73	36.03 S	712.83 W	1.93	-1.91	
	30	3138	17.40	268.50	95	3017.35	742.13	36.80 S	741.23 W	0.03		
	31	3231	17.50	266.90	93	3106.07	770.02	37.92 S	769.09 W	0.53	0.11	
	32	3323	18.80	267.70	92	3193.49	798.67	39.26 S	797.72 W	1.44	1.41	
	33	3418	19.90	267.20	95	3283.12	830.15	40.66 S	829.16 W	1.17	1.16	
	34	3512	19.50	268.50	94	3371.62	861.83	41.86 S	860.82 W	0.63	-0.43	
	35	3606	20.40	270.60	94	3459.98	893.88	42.10 S	892.89 W	1.22	0.96	
	36	3701	21.70	270.00	95	3548.64	927.96	41.92 S	927.01 W	1.39	1.37	
	37	3795	20.20	268.90	94	3636.42	961.54	42.23 S	960.61 W	1.65	-1.60	
	38	3888	19.60	268.20	93	3723.87	993.19	43.03 S	992.26 W	0.69	-0.65	
	39	3981	18.70	267.20	93	3811.72	1023.70	44.25 S	1022.74 W	1.03	-0.97	
	40	4076	17.00	266.00	95	3902.14	1052.81	45.96 S	1051.81 W	1.83	-1.79	
	41	4171	15.00	266.00	95	3993.46	1078.99	47.79 S	1077.93 W	2.11	-2.11	
	42	4260	12.90	266.70	89	4079.83	1100.43	49.17 S	1099.34 W	2.37	-2.36	
	43	4356	11.40	265.50	96	4173.68	1120.63	50.53 S	1119.49 W	1.58	-1.56	
	44	4420	10.50	266.20	64	4236.51	1132.78	51.41 S	1131.62 W	1.42	-1.41	

Hathaway Burnham Navigational

Survey Calculation Sheet

Company											
Well	KLEIN 19N										
Field	KLEIN										
Rig	AZTEC 730										
H & B	D.D.	L SMITH - M AYALA									
		Mag. Decl. <u>10.16</u> Target TVD <u>4579.00</u> Target Az. <u>267.47</u> Tgt. Coord. _____									

Date	No.	DEPTH	INC.	AZM	C.L.	T.V.D.	V.S.	N/S	E/W	DLS	B/D.	BHA
	45	4451	9.80	267.30	31	4267.02	1138.25	51.72 S	1137.07 W	2.34	-2.26	
	46	4484	8.60	268.40	33	4299.60	1143.52	51.92 S	1142.34 W	3.68	-3.64	
	47	4516	7.90	269.90	32	4331.27	1148.11	51.99 S	1146.93 W	2.29	-2.19	
	48	4548	7.50	269.10	32	4362.98	1152.39	52.03 S	1151.22 W	1.29	-1.25	
	49	4579	6.90	270.00	31	4393.73	1156.28	52.06 S	1155.11 W	1.97	-1.94	
	50	4611	5.60	270.00	32	4425.54	1159.76	52.06 S	1158.59 W	4.06	-4.06	
	51	4643	5.10	269.00	32	4457.40	1162.74	52.09 S	1161.57 W	1.59	-1.56	
	52	4674	4.20	265.20	31	4488.30	1165.25	52.21 S	1164.08 W	3.07	-2.90	
	53	4737	3.10	254.40	63	4551.17	1169.22	52.86 S	1168.02 W	2.05	-1.75	
	54	4768	2.00	249.50	31	4582.14	1170.55	53.27 S	1169.34 W	3.61	-3.55	
	55	4800	1.30	256.70	32	4614.13	1171.43	53.55 S	1170.21 W	2.28	-2.19	
	56	4832	1.30	254.20	32	4646.12	1172.14	53.73 S	1170.91 W	0.18		
	57	4863	1.10	221.00	31	4677.11	1172.69	54.05 S	1171.45 W	2.30	-0.65	
	58	4924	1.20	184.40	61	4738.10	1173.17	55.13 S	1171.88 W	1.19	0.16	
	59	4955	1.00	174.00	31	4769.10	1173.19	55.72 S	1171.88 W	0.91	-0.65	
	60	4987	0.90	137.00	32	4801.09	1173.01	56.19 S	1171.68 W	1.91	-0.31	
	61	5019	1.30	113.00	32	4833.09	1172.52	56.51 S	1171.17 W	1.88	1.25	
	62	5050	1.80	90.20	31	4864.08	1171.72	56.65 S	1170.36 W	2.53	1.61	
	63	5144	2.10	90.20	94	4958.02	1168.53	56.66 S	1167.16 W	0.32	0.32	
	64	5207	1.60	90.90	63	5020.99	1166.49	56.68 S	1165.13 W	0.79	-0.79	
	65	5269	1.40	93.60	62	5082.97	1164.88	56.74 S	1163.51 W	0.34	-0.32	
	66	5364	1.30	94.60	95	5177.94	1162.65	56.90 S	1161.27 W	0.11	-0.11	
	67	5459	1.20	99.00	95	5272.92	1160.61	57.14 S	1159.22 W	0.15	-0.11	
	68	5553	1.10	106.10	94	5366.90	1158.79	57.55 S	1157.38 W	0.18	-0.11	
	69	5644	1.00	101.40	91	5457.88	1157.19	57.95 S	1155.76 W	0.14	-0.11	
	70	5738	1.10	113.40	94	5551.87	1155.58	58.47 S	1154.13 W	0.26	0.11	
	71	5864	1.10	127.90	126	5677.85	1153.58	59.69 S	1152.06 W	0.22		
	72	5960	0.90	133.90	96	5773.83	1152.36	60.78 S	1150.79 W	0.23	-0.21	
	73	6055	0.80	149.60	95	5868.82	1151.53	61.87 S	1149.92 W	0.27	-0.11	
	74	6150	0.70	94.70	95	5963.81	1150.65	62.49 S	1149.01 W	0.73	-0.11	
	75	6244	0.60	103.13	94	6057.81	1149.60	62.65 S	1147.96 W	0.15	-0.11	
	76	6338	0.60	120.80	94	6151.80	1148.72	63.01 S	1147.05 W	0.20		
	77	6433	0.50	130.20	95	6246.80	1148.00	63.53 S	1146.31 W	0.14	-0.11	
	78	6526	0.60	158.70	93	6339.79	1147.54	64.25 S	1145.82 W	0.31	0.11	
	79	6621	0.70	158.60	95	6434.79	1147.19	65.25 S	1145.43 W	0.11	0.11	
	80	6715	0.80	178.20	94	6528.78	1147.02	66.44 S	1145.20 W	0.29	0.11	

Survey Data

Date	MD (ftKB)	Incl (°)	Method	Survey Company
11/7/2007	6,055.00	0.80	MWD	H & B
11/7/2007	6,150.00	0.70	MWD	H & B
11/7/2007	6,244.00	0.60	MWD	H & B
11/7/2007	6,338.00	0.60	MWD	H & B
11/7/2007	6,433.00	0.50	MWD	H & B
11/7/2007	6,526.00	0.60	MWD	H & B
11/7/2007	6,621.00	0.70	MWD	H & B
11/7/2007	6,715.00	0.80	MWD	H & B
11/9/2007	7,346.00	0.75	Final BHL	AWS

RCVD FEB 8 '08

OIL CONS. DIV.

DIST. 3

I, the undersigned, certify that I acting in my capacity as Drilling Engineer for ConocoPhillips Company, am authorized by said Company to make this report; and that said report was prepared under my supervision and directions, and that the facts stated herein are true to the best of my knowledge and belief.

AL DRI

Subcribed and sworn to me this 2-4-08

Charles S. Rogers

Notary Public in and for San Juan County, New Mexico

My Commission expires January 19, 2011



COP Deviation Report

KLEIN #19N

Survey Data

Date	MD (ftKB)	Incl (°)	Method	Survey Company
11/3/2007	3,606.00	20.40	MWD	H & B
11/3/2007	3,701.00	21.70	MWD	H & B
11/3/2007	3,795.00	20.20	MWD	H & B
11/3/2007	3,888.00	19.60	MWD	H & B
11/3/2007	3,981.00	18.70	MWD	H & B
11/3/2007	4,076.00	17.00	MWD	H & B
11/3/2007	4,171.00	15.00	MWD	H & B
11/4/2007	4,260.00	12.90	MWD	H & B
11/4/2007	4,356.00	11.40	MWD	H & B
11/4/2007	4,420.00	10.50	MWD	H & B
11/4/2007	4,451.00	9.80	MWD	H & B
11/4/2007	4,484.00	8.60	MWD	H & B
11/4/2007	4,516.00	7.90	MWD	H & B
11/4/2007	4,548.00	7.50	MWD	H & B
11/4/2007	4,579.00	6.90	MWD	H & B
11/4/2007	4,611.00	5.60	MWD	H & B
11/4/2007	4,643.00	5.10	MWD	H & B
11/4/2007	4,674.00	4.20	MWD	H & B
11/4/2007	4,737.00	3.10	MWD	H & B
11/4/2007	4,768.00	2.00	MWD	H & B
11/4/2007	4,800.00	1.30	MWD	H & B
11/4/2007	4,832.00	1.30	MWD	H & B
11/4/2007	4,863.00	1.10	MWD	H & B
11/4/2007	4,924.00	1.20	MWD	H & B
11/4/2007	4,955.00	1.00	MWD	H & B
11/4/2007	4,987.00	0.90	MWD	H & B
11/4/2007	5,019.00	1.30	MWD	H & B
11/4/2007	5,050.00	1.80	MWD	H & B
11/4/2007	5,144.00	2.10	MWD	H & B
11/4/2007	5,207.00	1.60	MWD	H & B
11/4/2007	5,269.00	1.40	MWD	H & B
11/4/2007	5,364.00	1.30	MWD	H & B
11/7/2007	5,433.00	0.50	MWD	H & B
11/4/2007	5,459.00	1.20	MWD	H & B
11/4/2007	5,553.00	1.10	MWD	H & B
11/4/2007	5,644.00	1.00	MWD	H & B
11/7/2007	5,738.00	1.10	MWD	H & B
11/7/2007	5,864.00	1.10	MWD	H & B
11/7/2007	5,960.00	0.90	MWD	H & B

I, the undersigned, certify that I acting in my capacity as _____ for ConocoPhillips Company, am authorized by said Company to make this report; and that said report was prepared under my supervision and directions, and that the facts stated herein are true to the best of my knowledge and belief.

Subscribed and sworn to me this _____

Notary Public in and for San Juan County, New Mexico

My Commission expires _____

ConocoPhillips**COP Deviation Report****KLEIN #19N**

Operator BURLINGTON RESOURCES OIL & GAS CO	Legal WellName KLEIN #19N	API / UWI 3003930350	County RIO ARRIBA	State/Province NEW MEXICO
Surface Legal Location SEC:34;TWN:026N;RNG:006W	N/S Dist (ft) 1,150.00	N/S Ref FNL	E/W Dist (ft) 1,840.00	E/W Ref FWL

Date	MD (ftKB)	Incl (°)	Method	Survey Company
11/2/2007	0.00	0.00	MWD	H & B
11/2/2007	382.00	1.70	MWD	H & B
11/2/2007	474.00	1.40	MWD	H & B
11/2/2007	565.00	2.40	MWD	H & B
11/2/2007	657.00	5.10	MWD	H & B
11/2/2007	749.00	5.50	MWD	H & B
11/2/2007	843.00	8.40	MWD	H & B
11/2/2007	937.00	10.60	MWD	H & B
11/2/2007	1,031.00	12.00	MWD	H & B
11/2/2007	1,125.00	14.40	MWD	H & B
11/2/2007	1,220.00	16.20	MWD	H & B
11/2/2007	1,314.00	18.40	MWD	H & B
11/2/2007	1,409.00	18.60	MWD	H & B
11/2/2007	1,505.00	19.80	MWD	H & B
11/2/2007	1,599.00	20.20	MWD	H & B
11/2/2007	1,694.00	18.80	MWD	H & B
11/2/2007	1,820.00	18.70	MWD	H & B
11/2/2007	1,915.00	18.90	MWD	H & B
11/2/2007	2,010.00	18.80	MWD	H & B
11/2/2007	2,101.00	20.10	MWD	H & B
11/2/2007	2,196.00	20.20	MWD	H & B
11/2/2007	2,289.00	19.20	MWD	H & B
11/3/2007	2,382.00	20.00	MWD	H & B
11/3/2007	2,477.00	20.90	MWD	H & B
11/3/2007	2,572.00	20.20	MWD	H & B
11/3/2007	2,664.00	20.70	MWD	H & B
11/3/2007	2,758.00	22.20	MWD	H & B
11/3/2007	2,853.00	21.00	MWD	H & B
11/3/2007	2,949.00	19.20	MWD	H & B
11/3/2007	3,043.00	17.40	MWD	H & B
11/3/2007	3,138.00	17.40	MWD	H & B
11/3/2007	3,231.00	17.50	MWD	H & B
11/3/2007	3,323.00	18.80	MWD	H & B
11/3/2007	3,418.00	19.90	MWD	H & B
11/3/2007	3,512.00	19.50	MWD	H & B

I, the undersigned, certify that I acting in my capacity as _____ for ConocoPhillips Company, am authorized by said Company to make this report; and that said report was prepared under my supervision and directions, and that the facts stated herein are true to the best of my knowledge and belief.

Subscribed and sworn to me this _____

Notary Public in and for San Juan County, New Mexico

My Commission expires _____