

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 - 4 Copies
Fee Lease - 3 Copies

AS DRILLED PLAT

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-34424	² Pool Code 71599	³ Pool Name Basin Dakota
⁴ Property Code 6788	⁵ Property Name Angel Peak B	⁶ Well Number 27E
⁷ OGRID No. 14538	⁸ Operator Name Burlington Resources Oil And Gas Company LP	⁹ Elevation 5818'

¹⁰ Surface Location

UL or lot no. D	Section 25	Township 28-N	Range 11-W	Lot Idn	Feet from the 105'	North/South line NORTH	Feet from the 675'	East/West line WEST	County San Juan
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¹¹ Bottom Hole Location If Different From Surface

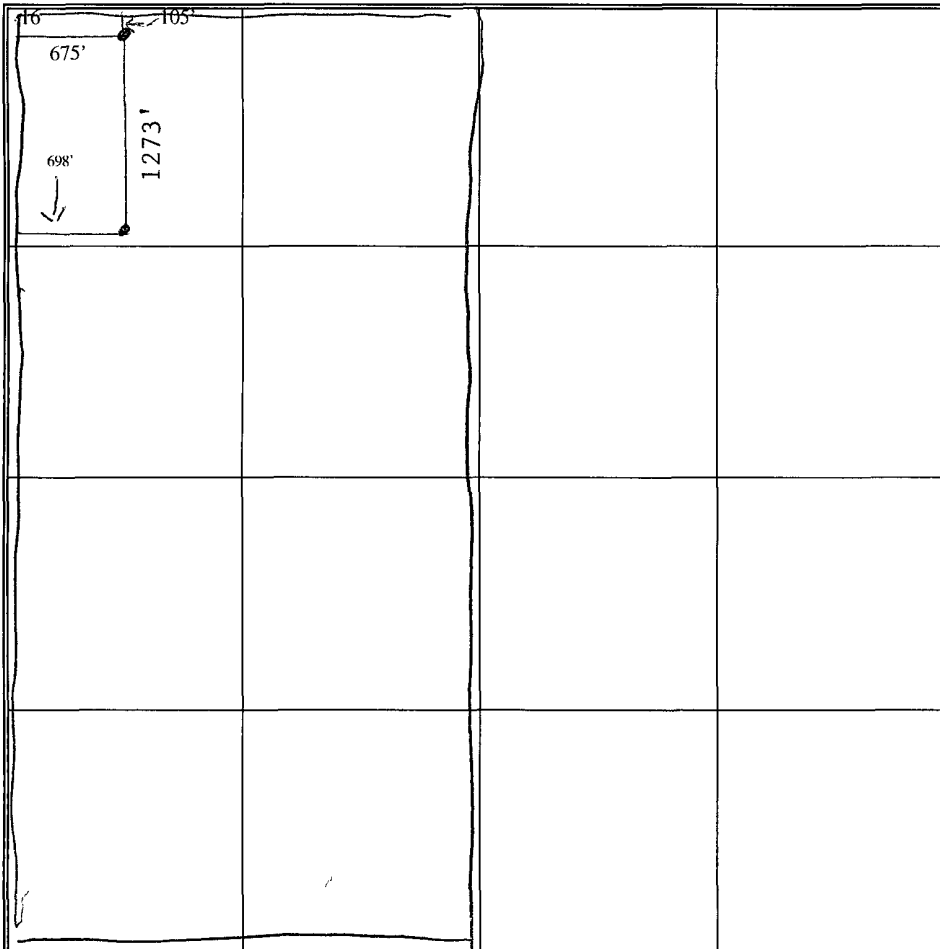
UL or lot no. D	Section 25	Township 28-N	Range 11-W	Lot Idn	Feet from the 1273'	North/South line NORTH	Feet from the 698'	East/West line WEST	County San Juan
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¹² Dedicated Acres 320 W/2	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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RCVD JAN 30 '09
OIL CONSV DIV

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.

DIST. 3

	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 <i>Tracey N. Monroe</i> 1/27/09 Signature Date Tracey N. Monroe Printed Name See original plat for survey seal and signature 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 1/27/06 Signature and Seal of Professional Surveyor 15703 Certificate Number
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8 1/2

Survey Data

Date	MD (ftKB)	Incl (°)	Method	Survey Company
11/25/2008	3,527.00	11.50	MWD	HATHAWAY & BURNHAM
11/25/2008	3,617.00	9.90	MWD	HATHAWAY & BURNHAM
11/25/2008	3,706.00	8.00	MWD	HATHAWAY & BURNHAM
11/25/2008	3,796.00	5.10	MWD	HATHAWAY & BURNHAM
11/25/2008	3,830.00	4.50	MWD	HATHAWAY & BURNHAM
11/26/2008	3,875.00	3.71	MWD	HATHAWAY & BURNHAM
12/16/2008	6,608.00	1.50	Incl	PHOENIX

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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.

Alfred G. Hill

Subscribed and sworn to me this 26TH DAY OF JANUARY 2009

Michael A. Munoz

Notary Public in and for San Juan County, New Mexico

My Commission expires Jan 24, 2011



COP Deviation Report

ANGEL PEAK B #27E

Operator BURLINGTON RESOURCES OIL & GAS COMPANY LP	Legal WellName ANGEL PEAK B #27E	API / UWI 3004534424	County SAN JUAN	State/Province NEW MEXICO
Surface Legal Location 025-028N-011W-D	N/S Dist (ft) 105.00	N/S Ref FNL	E/W Dist (ft) 675.00	E/W Ref FWL

Survey Data

Date	MD (ftKB)	Incl (°)	Method	Survey Company
11/22/2008	0.00	0.00	MWD	HATHAWAY & BURNHAM
11/23/2008	437.00	1.80	MWD	HATHAWAY & BURNHAM
11/23/2008	546.00	4.20	MWD	HATHAWAY & BURNHAM
11/23/2008	646.00	7.40	MWD	HATHAWAY & BURNHAM
11/23/2008	736.00	12.00	MWD	HATHAWAY & BURNHAM
11/23/2008	826.00	15.00	MWD	HATHAWAY & BURNHAM
11/23/2008	916.00	17.10	MWD	HATHAWAY & BURNHAM
11/23/2008	1,006.00	20.10	MWD	HATHAWAY & BURNHAM
11/23/2008	1,096.00	22.80	MWD	HATHAWAY & BURNHAM
11/23/2008	1,186.00	25.10	MWD	HATHAWAY & BURNHAM
11/23/2008	1,276.00	25.80	MWD	HATHAWAY & BURNHAM
11/23/2008	1,366.00	26.50	MWD	HATHAWAY & BURNHAM
11/23/2008	1,457.00	25.20	MWD	HATHAWAY & BURNHAM
11/23/2008	1,547.00	24.40	MWD	HATHAWAY & BURNHAM
11/23/2008	1,637.00	25.30	MWD	HATHAWAY & BURNHAM
11/23/2008	1,727.00	24.50	MWD	HATHAWAY & BURNHAM
11/23/2008	1,817.00	24.40	MWD	HATHAWAY & BURNHAM
11/23/2008	1,906.00	25.50	MWD	HATHAWAY & BURNHAM
11/23/2008	1,996.00	26.20	MWD	HATHAWAY & BURNHAM
11/23/2008	2,086.00	26.20	MWD	HATHAWAY & BURNHAM
11/23/2008	2,176.00	26.80	MWD	HATHAWAY & BURNHAM
11/23/2008	2,266.00	26.30	MWD	HATHAWAY & BURNHAM
11/23/2008	2,356.00	25.10	MWD	HATHAWAY & BURNHAM
11/23/2008	2,446.00	24.90	MWD	HATHAWAY & BURNHAM
11/24/2008	2,536.00	26.00	MWD	HATHAWAY & BURNHAM
11/24/2008	2,626.00	26.20	MWD	HATHAWAY & BURNHAM
11/24/2008	2,716.00	24.40	MWD	HATHAWAY & BURNHAM
11/24/2008	2,805.00	23.50	MWD	HATHAWAY & BURNHAM
11/24/2008	2,895.00	22.20	MWD	HATHAWAY & BURNHAM
11/25/2008	2,988.00	23.60	MWD	HATHAWAY & BURNHAM
11/25/2008	3,078.00	23.10	MWD	HATHAWAY & BURNHAM
11/25/2008	3,168.00	22.00	MWD	HATHAWAY & BURNHAM
11/25/2008	3,258.00	20.70	MWD	HATHAWAY & BURNHAM
11/25/2008	3,348.00	17.80	MWD	HATHAWAY & BURNHAM
11/25/2008	3,437.00	14.90	MWD	HATHAWAY & BURNHAM

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.

All Gals

Subscribed and sworn to me this _____

Notary Public in and for San Juan County, New Mexico

My Commission expires _____

RCVD JAN 30 '09

OIL CONS. DIV.

DIST. 3

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of KERN }

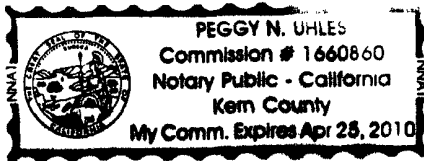
RCVD JAN 28 '09

OIL CONS. DIV.

DIST. 3

On DEC 2, 2008 before me, PEGGY N. UHLES, NOTARY PUBLIC
Date Here Insert Name and Title of the Officer

personally appeared TARYN LAMBERT
Name(s) of Signer(s)



who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Peggy N. Uhles
Signature of Notary Public

Place Notary Seal Above

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document: _____

Document Date: _____ Number of Pages: _____

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____

- ☐ Individual
- ☐ Corporate Officer — Title(s): _____
- ☐ Partner — ☐ Limited ☐ General
- ☐ Attorney in Fact
- ☐ Trustee
- ☐ Guardian or Conservator
- ☐ Other: _____

Signer Is Representing: _____

RIGHT THUMBPRINT
OF SIGNER
Top of thumb here

Signer's Name: _____

- ☐ Individual
- ☐ Corporate Officer — Title(s): _____
- ☐ Partner — ☐ Limited ☐ General
- ☐ Attorney in Fact
- ☐ Trustee
- ☐ Guardian or Conservator
- ☐ Other: _____

Signer Is Representing: _____

RIGHT THUMBPRINT
OF SIGNER
Top of thumb here



Hathaway Burnham Navigational LLC
DIRECTIONAL AND MWD SERVICES

November 26, 2008

RCVD JAN 28 '09

Ms. Geneva Blackwater
P.O. Box 4289
Farmington, NM 87499

OIL CONS. DIV.

DIST. 3

RE: Final Notarized Survey's Well Angel Peak B 27E

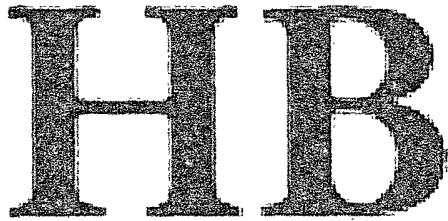
Dear Ms. Blackwater,

Please find the enclosed final surveys for well Angel Peak B 27E. I herby Certify to the best of my knowledge these surveys are true and correct.

Sincerely,

A handwritten signature in black ink, appearing to read 'Taryn Lambert', with a long horizontal flourish extending to the right.

Taryn Lambert
Hathaway Burnham Navigational LLC



Job Number:
 Company:
 Lease/Well:
 Location:
 Rig Name:
 RKB:
 G.L. or M.S.L.:

State/Country:
 Declination:
 Grid:
 File name: C:\WINSERVE\NM08407.SVY
 Date/Time: 30-Nov-08 / 23:21
 Curve Name:

WINSERVE SURVEY CALCULATIONS
 Minimum Curvature Method
 Vertical Section Plane 178.70
 Vertical Section Referenced to Wellhead
 Rectangular Coordinates Referenced to Wellhead

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OIL CONS. DIV.
 DIST. 3

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	C L O S U R E		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
437.00	1.80	175.00	436.93	-6.84	.60	6.85	6.86	175.00	.41
546.00	4.20	176.20	545.77	-12.53	1.01	12.55	12.57	175.38	2.20
646.00	7.40	178.40	645.25	-22.62	1.43	22.65	22.67	176.37	3.21
736.00	12.00	185.60	733.94	-37.73	.68	37.74	37.74	178.96	5.28
826.00	15.00	182.90	821.44	-58.68	-.82	58.65	58.69	180.80	3.41
916.00	17.10	181.10	907.93	-83.55	-1.66	83.49	83.56	181.14	2.40
1006.00	20.10	181.90	993.22	-112.24	-2.43	112.15	112.26	181.24	3.35
1096.00	22.80	184.90	1076.98	-145.08	-4.43	144.94	145.14	181.75	3.24
1186.00	25.10	191.50	1159.24	-181.17	-9.73	180.90	181.43	183.07	3.92
1276.00	25.80	190.90	1240.51	-219.11	-17.24	218.66	219.78	184.50	.83
1366.00	26.50	185.40	1321.31	-258.33	-22.83	257.75	259.34	185.05	2.80

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	C L O S U R E		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
1457.00	25.20	178.90	1403.22	-297.93	-24.37	297.30	298.92	184.68	3.42
1547.00	24.40	176.00	1484.92	-335.63	-22.71	335.03	336.40	183.87	1.62
1637.00	25.30	175.70	1566.58	-373.35	-19.97	372.80	373.88	183.06	1.01
1727.00	24.50	174.00	1648.22	-411.09	-16.58	410.61	411.42	182.31	1.19
1817.00	24.40	177.00	1730.15	-448.21	-13.65	447.79	448.42	181.74	1.38
1906.00	25.50	180.00	1810.85	-485.73	-12.69	485.32	485.90	181.50	1.88
1996.00	26.20	176.50	1891.85	-524.94	-11.48	524.54	525.06	181.25	1.87
2086.00	26.20	172.60	1972.61	-564.47	-7.70	564.15	564.53	180.78	1.91
2176.00	26.80	171.70	2053.15	-604.25	-2.22	604.05	604.26	180.21	.80
2266.00	26.30	171.80	2133.66	-644.06	3.56	643.98	644.07	179.68	.56
2356.00	25.10	170.60	2214.75	-682.63	9.52	682.67	682.70	179.20	1.45
2446.00	24.90	171.50	2296.32	-720.20	15.44	720.37	720.37	178.77	.48
2536.00	26.00	173.20	2377.59	-758.53	20.57	758.80	758.81	178.45	1.47
2626.00	26.20	178.40	2458.42	-797.99	23.46	798.31	798.33	178.32	2.55
2716.00	24.40	178.20	2539.79	-836.43	24.60	836.77	836.79	178.32	2.00
2805.00	23.50	179.20	2621.12	-872.55	25.43	872.90	872.92	178.33	1.11
2895.00	22.20	179.10	2704.06	-907.49	25.94	907.85	907.86	178.36	1.45
2988.00	23.60	180.50	2789.73	-943.68	26.06	944.02	944.04	178.42	1.62
3078.00	23.10	179.30	2872.36	-979.35	26.12	979.69	979.69	178.47	.77
3168.00	22.00	177.20	2955.48	-1013.84	27.16	1014.19	1014.20	178.47	1.51
3258.00	20.70	179.00	3039.30	-1046.58	28.26	1046.95	1046.96	178.45	1.62
3348.00	17.80	178.40	3124.26	-1076.24	28.92	1076.62	1076.63	178.46	3.23
3437.00	14.90	177.70	3209.65	-1101.28	29.76	1101.67	1101.68	178.45	3.27
3527.00	11.50	182.40	3297.26	-1121.81	29.85	1122.20	1122.21	178.48	3.96
3617.00	9.90	186.80	3385.69	-1138.46	28.55	1138.81	1138.82	178.56	1.99
3706.00	8.00	187.40	3473.61	-1152.20	26.85	1152.51	1152.51	178.67	2.14
3796.00	5.10	193.00	3563.01	-1162.31	25.14	1162.58	1162.58	178.76	3.30
3830.00	4.50	200.40	3596.89	-1165.03	24.34	1165.28	1165.29	178.80	2.53
Projection to bit									
3875.00	3.71	210.19	3641.78	-1167.95	22.99	1168.17	1168.17	178.87	2.34