

Submit 3 Copies To Appropriate District Office  
 District I  
 1625 N French Dr., Hobbs, NM 88240  
 District II  
 1301 W. Grand Ave., 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 and Natural Resources  
 CONSERVATION DIVISION  
 1220 South St. Francis Dr.  
 Santa Fe, NM 87505

Form C-103  
 June 19, 2008

**RECEIVED**  
**NOV 12 2008**  
**HOBBS (11)**

WELL API NO. 30-025-38824 ✓	
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/> ✓	
6. State Oil & Gas Lease No. N/A	
7. Lease Name or Unit Agreement Name Eugene Wood ✓	
8. Well Number 011 ✓	
9. OGRID Number 00873	
10. Pool name or Wildcat Blinebry O&G/Tubb O&G/Drinkard ✓	
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS ) 1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> 2. Name of Operator Apache Corporation ✓ 3. Address of Operator 6120 S Yale Ave, Suite 1500 Tulsa, OK 74136-4224 4. Well Location Unit Letter <u>G</u> : 2160 feet from the <u>North</u> line and 1765 feet from the <u>East</u> line Section <u>22</u> Township <u>22S</u> Range <u>37E</u> NMPM County <u>Lea</u> 11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3358' GR	

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

<b>NOTICE OF INTENTION TO:</b> PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> DOWNHOLE COMMINGLE <input type="checkbox"/>		<b>SUBSEQUENT REPORT OF:</b> REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/>	
OTHER: <input type="checkbox"/>		OTHER: Completion Procedure <input checked="" type="checkbox"/>	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

08/14/08 PERF DRINKARD @ 6342-46, 6468-73, 6493-97, 6521-25, 6552-56' 2 JSPF.  
 08/15/08 ACID DRINKARD W/ 3000 GALS 15% HCL  
 08/16/08 FRAC DRINKARD W/ 43K GALS SS-3500 AND 62K LBS 20/40 SAND  
 08/19/08 PERF TUBB @ 5997-6001, 6033-67, 6088-94, 6138-42' 2 JSPF. SET RBP @ 6320'.  
 08/20/08 ACID TUBB W/ 3000 GALS 15% HCL  
 08/21/08 FRAC TUBB W/ 37K GALS SS-2500 AND 60K LBS 20/40 SAND  
 08/22/08 PERF BLINEBRY @ 5424-27, 5506-09, 5574-78, 5600-04, 5637-41' 2 JSPF  
 08/25/08 SET RBP @ 5870'. ACID BLINEBRY W/ 3000 GALS 15% HCL  
 08/26/08 FRAC BLINEBRY W/ 36K GALS SS-2500 AND 82K LBS 20/40 SAND  
 08/26 - 09/25/08 RIH W/ TBG, PUMP AND RODS. SET 640 PUMPING UNIT AND WAIT ON POWER CO.  
 09/26 - 10/21/08 PUMP TESTING BLINEBRY.  
 10/22 - 10/30/08 PULL RBP @ 5870'. PUMP TESTING BLINEBRY/TUBB.  
 10/31/08 PULL RBP @ 6320'. RIH W/ TBG TO 6646'. RIH W/ PUMP AND RODS. PLACE ON PRODUCTION FROM BTD.

Spud Date: 07/31/2008

Rig Release Date: 08/11/2008

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Sophie Mackay TITLE Engineering Tech DATE 11/10/2008

Type or print name Sophie Mackay E-mail address: sophie.mackay@apachecorp.com PHONE: (918)491-4864

**For State Use Only**

APPROVED BY: [Signature] TITLE PETROLEUM ENGINEER DATE NOV 13 2008

Conditions of Approval (if any):

## Results of Directional Survey

Pool: **BLINEBRY OIL & GAS**

API number:	<b>30-025-38824</b>		
OGRID:		Operator:	<b>APACHE CORP</b>
		Property:	<b>EUGENE WOOD</b> # 11

surface	ULSTR:	<b>G</b>	<b>22</b>		<b>T</b>	<b>22S</b>		<b>R</b>	<b>37E</b>
			<b>2160</b>	<b>FNL</b>		<b>1765</b>	<b>FEL</b>		

BH Loc	ULSTR:	<b>G</b>	<b>22</b>		<b>T</b>	<b>22S</b>		<b>R</b>	<b>37E</b>
			<b>2301</b>	<b>FNL</b>		<b>2295</b>	<b>FEL</b>		

	MD	N/S	E/W	VD
	5388	-146.77	-537.75	5344.54
TOP PERFS/OH	<b>5424</b>	-146.79	-537.88	5380.54
	5472	-146.82	-538.06	5428.54
	5637	-145.98	-538.05	5593.54
BOT PERFS/OH	<b>5641</b>	-145.96	-538.05	5597.54
	5806	-145.15	-538.10	5762.53

NEXT TO LAST	6619	-141.50	-532.65	6575.50
LAST READING	6741	-141.12	-530.89	6697.48
TD	<b>6794</b>	-140.95	-530.13	6750.47

Surface Location	2160	FN	1765	FE
Projected BHL	2301	FN	2295	FE
Location of				
Top Perfs/OH	2307	FN	2303	FE
Bottom Perfs/OH	2306	FN	2303	FE

### SUMMARY of Subsurface Locations

Surface Location	G-22-22S-37E	2160	FN	1765	FE	Vert. Depth
Top Perfs/OH	G-22-22S-37E	2307	FN	2303	FE	5380.54
Bottom Perfs/OH	G-22-22S-37E	2306	FN	2303	FE	5597.54
Projected TD	G-22-22S-37E	2301	FN	2295	FE	6750.47



## Results of Directional Survey

Pool: TUBB OIL & GAS

API number:	30-025-38824		
OGRID:		Operator:	APACHE CORP
		Property:	EUGENE WOOD # 11

surface	ULSTR:	G	22		T	22S		R	37E
			2160	FNL		1765	FEL		

BH Loc	ULSTR:	G	22		T	22S		R	37E
			2301	FNL		2295	FEL		

	MD	N/S	E/W	VD
	5977	-144.13	-538.14	5933.53
TOP PERFS/OH	<b>5997</b>	-143.98	-538.08	5953.53
	6105	-143.16	-537.75	6061.53
	6105	-143.16	-537.75	6061.53
BOT PERFS/OH	<b>6142</b>	-142.98	-537.50	6098.53
	6276	-142.35	-536.59	6232.52

NEXT TO LAST	6619	-141.50	-532.65	6575.50
LAST READING	6741	-141.12	-530.89	6697.48
TD	<b>6794</b>	-140.95	-530.13	6750.47

Surface Location	2160	FN	1765	FE
Projected BHL	2301	FN	2295	FE
Location of				
Top Perfs/OH	2304	FN	2303	FE
Bottom Perfs/OH	2303	FN	2303	FE

### SUMMARY of Subsurface Locations

Surface Location	G-22-22S-37E	2160	FN	1765	FE	Vert. Depth
Top Perfs/OH	G-22-22S-37E	2304	FN	2303	FE	5953.53
Bottom Perfs/OH	G-22-22S-37E	2303	FN	2303	FE	6098.53
Projected TD	G-22-22S-37E	2301	FN	2295	FE	6750.47

Apache Corporation  
6120 S. Yale Ste 1500  
Tulsa, OK 74136

EUGENE WOOD #11  
Lea County, New Mexico

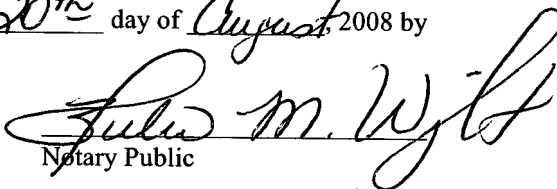
22 - 225 - 37E  
2160 FNL 1765 FEL

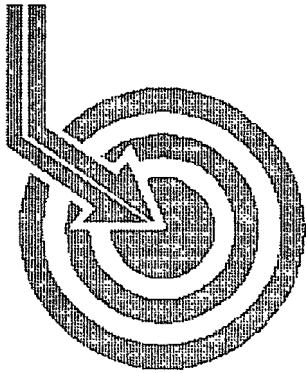
447	4.47	3/4	1.31	5.87	5.87
923	4.76	1	1.75	8.33	14.20
1265	3.42	1	1.75	5.99	20.18



  
\_\_\_\_\_  
Archie Brown - General Manager

The attached instrument was acknowledged before me on the 20<sup>th</sup> day of August, 2008 by  
Archie Brown - General Manager, CapStar Drilling, L.P.

  
\_\_\_\_\_  
Notary Public



# Scientific Drilling

SUR: G-22-22s-37e, 2160/N & 1765/E  
BHL: G-22-22s-37e, 2301/N & 2295/E  
API #30-025-38824

## APACHE CORPORATION

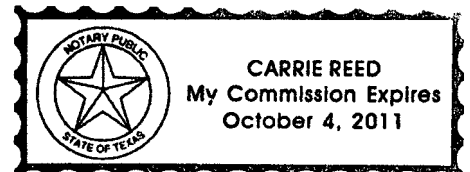
Field: Blinebry  
Site: Lea County, NM  
Well: Eugene Wood #11  
Wellpath: DH - Job #32D0708587  
Survey: 08/02/08-08/10/08

This survey is correct to the best of my knowledge and is supported by actual field data.

.....*R. Wharton*..... Company Representative

Notorized this date 16th of September, 2008.

*Carrie Reed*  
Notary Signature  
County of Midland  
State of Texas





# Scientific Drilling International Survey Report

<b>Company:</b> APACHE CORPORATION	<b>Date:</b> 08/20/2008	<b>Time:</b> 18:11:21	<b>Page:</b> 1
<b>Field:</b> Blinebry	<b>Co-ordinate(NE) Reference:</b> Site: Lea County, NM, Grid North		
<b>Site:</b> Lea County, NM	<b>Vertical (TVD) Reference:</b> SITE 0.0		
<b>Well:</b> Eugene Wood #11	<b>Section (VS) Reference:</b> Well (0.00N,0.00E,253.80Azi)		
<b>Wellpath:</b> VH - Job #32K0808505	<b>Survey Calculation Method:</b> Minimum Curvature	<b>Db:</b> Sybase	

<b>Survey:</b> 08/02/08	<b>Start Date:</b> 08/02/2008	
KSRG 0'-1293'		
<b>Company:</b> Scientific Drilling Internatio	<b>Engineer:</b> Guebara w/GeoGyro	
<b>Tool:</b> Keeper;Keeper Gyro	<b>Tied-to:</b> From Surface	

**Survey**

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
0.00	0.00	359.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.53	348.24	100.00	-0.04	0.45	-0.09	0.53	0.46	348.24
200.00	0.68	336.19	199.99	0.01	1.45	-0.43	0.20	1.51	343.54
300.00	0.74	334.96	299.99	0.18	2.58	-0.94	0.06	2.74	339.94
400.00	0.62	332.32	399.98	0.39	3.64	-1.47	0.12	3.92	338.07
500.00	0.52	321.29	499.97	0.67	4.47	-2.00	0.15	4.90	335.91
600.00	0.46	315.48	599.97	1.04	5.11	-2.57	0.08	5.72	333.36
700.00	0.27	319.53	699.97	1.32	5.58	-3.00	0.19	6.34	331.73
800.00	0.17	349.88	799.97	1.41	5.90	-3.18	0.15	6.71	331.70
900.00	0.27	17.61	899.97	1.26	6.28	-3.13	0.14	7.01	333.46
1000.00	0.38	343.66	999.96	1.13	6.82	-3.16	0.22	7.51	335.16
1100.00	0.47	347.54	1099.96	1.10	7.54	-3.34	0.09	8.24	336.11
1200.00	0.36	350.33	1199.96	1.04	8.25	-3.48	0.11	8.95	337.13
1293.00	0.47	358.59	1292.96	0.91	8.92	-3.54	0.13	9.59	338.36



# Scientific Drilling International Survey Report

<b>Company:</b> APACHE CORPORATION <b>Field:</b> Blinebry <b>Site:</b> Lea County, NM <b>Well:</b> Eugene Wood #11 <b>Wellpath:</b> DH - Job #32D0708587	<b>Date:</b> 09/16/2008	<b>Time:</b> 12:07:51	<b>Page:</b> 1 <b>Co-ordinate(NE) Reference:</b> Site: Lea County, NM, Grid North <b>Vertical (TVD) Reference:</b> SITE 0.0 <b>Section (VS) Reference:</b> Well (0.00N,0.00E,253.80Azi) <b>Survey Calculation Method:</b> Minimum Curvature <b>Db:</b> Sybase
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<b>Survey:</b> 08/02/08-08/10/08 MWD 1355'-6741' <b>Company:</b> Scientific Drilling Internatio <b>Tool:</b> MWD;MWD	<b>Start Date:</b> 08/02/2008	<b>Engineer:</b> Foster/Hansen <b>Tied-to:</b> From: Definitive Path
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**Survey**

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
1293.00	0.47	358.59	1292.96	0.91	8.92	-3.54	0.00	9.59	338.36
1355.00	0.60	6.96	1354.95	0.72	9.49	-3.50	0.24	10.12	339.74
1440.00	1.39	272.59	1439.94	1.52	9.98	-4.48	1.83	10.94	335.82
1526.00	4.08	266.92	1525.84	5.49	9.86	-8.58	3.14	13.07	318.99
1654.00	5.10	265.96	1653.43	15.48	9.22	-18.80	0.80	20.94	296.12
1740.00	6.40	262.45	1738.99	23.96	8.32	-27.37	1.57	28.60	286.91
1869.00	9.45	263.67	1866.75	41.50	6.21	-45.02	2.37	45.45	277.85
1954.00	8.87	265.10	1950.66	54.80	4.88	-58.49	0.73	58.69	274.77
2040.00	9.24	262.94	2035.59	68.12	3.46	-71.95	0.58	72.03	272.76
2126.00	9.94	259.07	2120.39	82.33	1.21	-86.09	1.11	86.09	270.80
2211.00	10.55	253.33	2204.03	97.42	-2.42	-100.74	1.40	100.77	268.63
2340.00	9.93	255.96	2330.98	120.34	-8.50	-122.85	0.60	123.14	266.04
2425.00	9.86	256.45	2414.72	134.94	-11.99	-137.03	0.13	137.56	265.00
2511.00	9.67	250.42	2499.47	149.50	-16.13	-151.00	1.21	151.86	263.90
2643.00	8.58	251.36	2629.80	170.41	-22.99	-170.77	0.83	172.31	262.33
2725.00	9.21	250.25	2710.81	183.07	-27.17	-182.75	0.80	184.75	261.54
2811.00	8.41	250.08	2795.80	196.21	-31.64	-195.14	0.93	197.68	260.79
2897.00	9.31	250.51	2880.77	209.43	-36.10	-207.61	1.05	210.72	260.14
2983.00	9.75	250.50	2965.58	223.65	-40.85	-221.03	0.51	224.77	259.53
3068.00	9.15	252.05	3049.43	237.59	-45.34	-234.24	0.77	238.59	259.05
3154.00	8.70	251.07	3134.39	250.92	-49.55	-246.90	0.55	251.82	258.65
3239.00	9.14	250.57	3218.36	264.08	-53.89	-259.35	0.53	264.89	258.26
3366.00	9.65	251.73	3343.66	284.79	-60.58	-278.97	0.43	285.47	257.75
3496.00	8.90	250.04	3471.96	305.72	-67.43	-298.77	0.61	306.28	257.28
3624.00	9.48	250.53	3598.31	326.12	-74.32	-318.01	0.46	326.58	256.85
3753.00	9.27	249.14	3725.59	347.08	-81.56	-337.74	0.24	347.45	256.42
3881.00	8.87	249.18	3851.99	367.19	-88.74	-356.60	0.31	367.47	256.03
4009.00	9.72	249.20	3978.31	387.80	-96.08	-375.92	0.66	388.01	255.66
4137.00	10.02	248.52	4104.41	409.66	-104.00	-396.38	0.25	409.80	255.30
4309.00	10.01	248.95	4273.79	439.45	-114.85	-424.26	0.04	439.53	254.85
4438.00	9.69	250.44	4400.89	461.46	-122.51	-444.95	0.32	461.51	254.61
4567.00	9.59	248.61	4528.07	483.00	-130.06	-465.19	0.25	483.03	254.38
4695.00	8.70	255.48	4654.44	503.30	-136.38	-484.49	1.10	503.32	254.28
4738.00	8.63	256.37	4696.95	509.77	-137.95	-490.77	0.35	509.79	254.30
4824.00	7.73	258.35	4782.08	521.98	-140.64	-502.71	1.10	522.01	254.37
4909.00	6.24	258.91	4866.44	532.28	-142.69	-512.84	1.75	532.32	254.45
4995.00	5.34	262.01	4952.00	540.90	-144.14	-521.39	1.11	540.95	254.55
5038.00	4.63	262.77	4994.84	544.60	-144.64	-525.09	1.66	544.65	254.60
5123.00	3.23	263.85	5079.64	550.34	-145.33	-530.88	1.65	550.41	254.69
5209.00	1.10	253.96	5165.57	553.55	-145.81	-534.08	2.51	553.63	254.73
5388.00	1.06	253.10	5344.54	556.93	-146.77	-537.31	0.02	557.00	254.72
5472.00	0.24	359.42	5428.54	557.66	-146.82	-538.06	1.37	557.73	254.74
5637.00	0.34	1.54	5593.54	557.41	-145.98	-538.05	0.06	557.50	254.82
5806.00	0.23	349.41	5762.53	557.23	-145.15	-538.10	0.07	557.33	254.90
5977.00	0.46	2.26	5933.53	556.98	-144.13	-538.14	0.14	557.10	255.01
6105.00	0.52	39.45	6061.53	556.34	-143.16	-537.75	0.25	556.48	255.09
6276.00	0.47	71.87	6232.52	554.99	-142.35	-536.59	0.16	555.15	255.14
6448.00	0.67	76.07	6404.51	553.28	-141.89	-534.94	0.12	553.44	255.15
6619.00	0.89	83.67	6575.50	550.98	-141.50	-532.65	0.14	551.12	255.12





# Scientific Drilling International Survey Report

Company: APACHE CORPORATION      Date: 09/16/2008      Time: 12:07:51      Page: 2  
Field: Blinebry      Co-ordinate(NE) Reference: Site: Lea County, NM, Grid North  
Site: Lea County, NM      Vertical (TVD) Reference: SITE 0.0  
Well: Eugene Wood #11      Section (VS) Reference: Well (0.00N,0.00E,253.80Azi)  
Wellpath: DH - Job #32D0708587      Survey Calculation Method: Minimum Curvature      Db: Sybase

## Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
6741.00	0.81	71.28	6697.48	549.18	-141.12	-530.89	0.16	549.33	255.11



Scientific  
Drilling

Field: Blinebry  
Site: Lea County, NM  
Well: Eugene Wood #11  
Wellpath: DH - Job #32D0708587  
Survey: 08/02/08-08/10/08

G/T/M

Azimuths to Grid North  
True North: 0.00°  
Magnetic North: 0.00°

Magnetic Field  
Strength: 0nT  
Dip Angle: 0.00°  
Date: 09/16/2008  
Model: igrf2000

