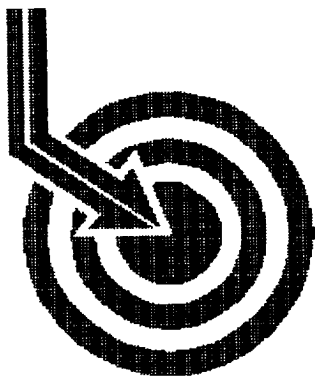




Scientific Drilling

SUR -- D-33-17s-35e, 200/N & 100/W
BHL -- C-32-17s-35e, 497/N & 2734/E
API #30-025-26655



PHILLIPS PETROLEUM

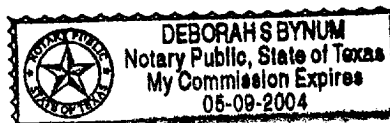
Field: Vacuum Glorietta East
Site: Lea County, NM
Well: EVGSAU #3308-004
Wellpath: VH - Job #32K0402228
Survey: 4/11/02

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

[Signature] Company Representative

Notorized this date 30th of May, 2002.

[Signature]
Notary Signature
County of Midland
State of Texas



RECEIVED
Hobbs
OCD

[Signature]

Scientific Drilling International Survey Report

Company: PHILLIPS PETROLEUM
Field: Vacuum Gorieta East
Site: Lea County, NM
Well: EVGSAU #3308-004
Wellpath: VH - Job #32K0402228

Date: 5/30/2002 Time: 08:50:25 Page: 1
Co-ordinate(NE) Reference: Site: Lea County, NM, True North
Vertical (TVD) Reference: SITE 0.0 above Mean Sea Level
Section (VS) Reference: Well (0.0E,0.0N,246.0Azi)
Survey Calculation Method: Minimum Curvature

Survey: 4/11/02
KSRG 0'-4263'

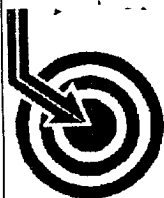
Start Date: 4/12/2002

Company: Scientific Drilling Internatio
Tool: Keeper

Engineer: Angel Guebara

Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	ClsD ft	ClsA deg	DLS deg/100ft
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.0	0.00	0.00
100.0	0.17	38.65	100.0	-0.1	0.1	0.1	0.1	38.65	0.17
200.0	0.16	38.61	200.0	-0.4	0.3	0.3	0.4	38.64	0.01
300.0	0.10	64.24	300.0	-0.6	0.5	0.4	0.7	41.93	0.08
400.0	0.22	170.76	400.0	-0.6	0.3	0.5	0.6	58.44	0.27
500.0	0.14	151.66	500.0	-0.6	0.0	0.6	0.6	86.47	0.10
600.0	0.21	190.07	600.0	-0.5	-0.2	0.7	0.7	110.58	0.13
700.0	0.28	199.83	700.0	-0.2	-0.7	0.5	0.9	140.28	0.08
800.0	0.55	211.72	800.0	0.3	-1.3	0.2	1.3	170.71	0.28
900.0	0.62	206.85	900.0	1.1	-2.2	-0.3	2.2	187.41	0.09
1000.0	0.48	197.26	1000.0	1.8	-3.1	-0.7	3.1	192.01	0.17
1100.0	0.40	202.52	1100.0	2.4	-3.8	-0.9	3.9	193.51	0.09
1200.0	0.50	188.86	1200.0	2.9	-4.5	-1.1	4.7	193.74	0.15
1300.0	0.54	184.57	1300.0	3.3	-5.4	-1.2	5.6	192.59	0.06
1400.0	0.54	195.39	1400.0	3.9	-6.4	-1.4	6.5	192.22	0.10
1500.0	0.73	199.59	1500.0	4.6	-7.4	-1.7	7.6	193.03	0.20
1600.0	0.88	203.01	1600.0	5.6	-8.7	-2.2	9.0	194.34	0.16
1700.0	1.05	202.06	1699.9	6.8	-10.3	-2.9	10.7	195.62	0.17
1800.0	1.05	200.16	1799.9	8.1	-12.0	-3.5	12.5	196.42	0.03
1900.0	1.21	206.58	1899.9	9.6	-13.8	-4.3	14.5	197.39	0.20
2000.0	1.30	199.55	1999.9	11.2	-15.8	-5.2	16.6	198.12	0.18
2100.0	1.42	196.26	2099.9	12.7	-18.1	-5.9	19.0	198.09	0.14
2200.0	1.59	188.55	2199.8	14.3	-20.6	-6.5	21.6	197.37	0.26
2300.0	1.53	180.30	2299.8	15.6	-23.3	-6.7	24.3	195.94	0.23
2400.0	1.15	158.10	2399.8	16.2	-25.6	-6.3	26.4	193.82	0.64
2500.0	1.02	130.52	2499.7	15.8	-27.1	-5.3	27.6	190.96	0.53
2600.0	1.23	97.72	2599.7	14.5	-27.8	-3.5	28.1	187.19	0.67
2700.0	1.58	91.59	2699.7	12.4	-28.0	-1.1	28.0	182.18	0.38
2800.0	1.80	82.00	2799.6	9.6	-27.8	1.9	27.9	176.17	0.36
2900.0	1.87	78.44	2899.6	6.5	-27.3	5.0	27.8	169.58	0.13
3000.0	1.66	78.69	2999.5	3.5	-26.7	8.0	27.9	169.24	0.21
3100.0	1.15	82.62	3099.5	1.1	-26.3	10.5	28.3	158.31	0.52
3200.0	0.93	77.60	3199.5	-0.6	-26.0	12.2	28.7	154.76	0.24
3300.0	0.59	73.62	3299.5	-1.9	-25.7	13.5	29.0	152.20	0.34
3400.0	0.59	80.03	3399.5	-2.9	-25.4	14.5	29.3	150.25	0.07
3500.0	0.61	71.92	3499.5	-4.0	-25.2	15.5	29.6	148.30	0.09
3600.0	0.62	62.80	3599.5	-5.0	-24.7	16.5	29.8	146.26	0.10
3700.0	0.54	78.35	3699.5	-6.0	-24.4	17.5	30.0	144.40	0.18
3800.0	0.70	71.96	3799.5	-7.1	-24.1	18.5	30.4	142.50	0.17
3900.0	0.44	50.37	3899.5	-8.1	-23.7	19.4	30.6	140.70	0.33
4000.0	0.42	36.11	3999.5	-8.8	-23.1	19.9	30.5	139.31	0.11
4100.0	0.52	45.00	4099.4	-9.5	-22.5	20.4	30.4	137.79	0.12
4200.0	0.61	24.40	4199.4	-10.3	-21.7	21.0	30.2	136.00	0.22
4263.0	0.57	39.09	4262.4	-10.9	-21.2	21.3	30.0	134.81	0.25



Scientific
Drilling

Field: Vacuum Glorietta East
Site: Lea County, NM
Well: EVGSAU #3308-004
Wellpath: VH - Job #32K0402228
Survey: 4/11/02

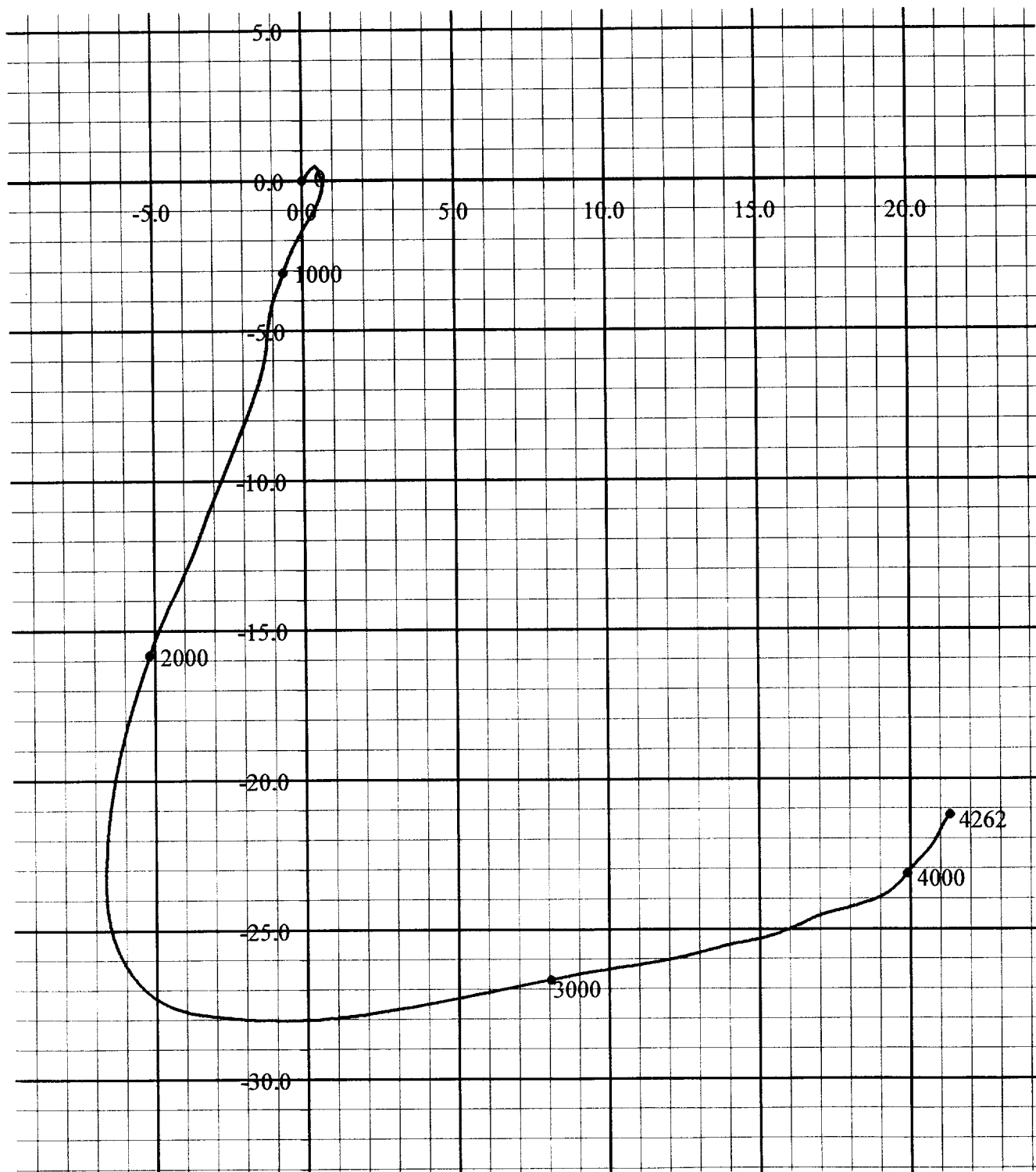
1/|V|



All Angles Relative
To True North

True North: 0.00
Magnetic North: 0.00

South(-)/North(+) [5ft/in]



West(-)/East(+) [5ft/in]

sperry-sun

DRILLING SERVICES

A HALLIBURTON COMPANY

9800 West Reno / Oklahoma City, OK 73127 / 405-324-2222 / 405-324-1009 (Fax)

May 28, 2002

Re: Phillips Petroleum Company
EVGSAU 3308-004
Sec. 33-T17S-R35E
Lea County, New Mexico

Enclosed please find the original surveys performed on the referenced well by Halliburton Sperry Sun.

Surveyed Depths

1335' - 7239'
7239' - 7319'

Dates Performed

04/09/02 - 04/15/02

Type of Survey

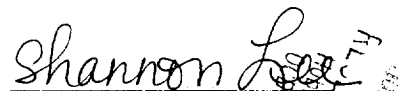
Directional/MWD
Projection to TD

If any other information is required, please contact the undersigned at the letterhead address and phone number.



Dennis Cook
Directional Driller

My Commission Expires: 11-30-03



Shannon Lee
Notary Public

97-11-74

Phillips Petroleum Company

***New Mexico
Lea County
EVGSAU 3308-004 - MWD Surveys***

Survey Report

2 May, 2002

Data Source: Information from Location

**HALLIBURTON
Sperry-Sun**

Hubbs
FLC-11111111
000

Survey Ref: svy5740

Phillips Petroleum Company

Survey Report for EVGSAU 3308-004
Data Source: Information from Location

New Mexico

Lea County

Measured Depth (ft)	Incl. (Deg)	Azim. (Deg)	Station TVD (ft)	Coordinates Northings (ft)	Eastings (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Comment
Gyro Surveys								
0.00	0.000	0.000	0.00	0.00 N	0.00 E	0.00		
100.00	0.170	38.650	100.00	0.12 N	0.09 E	-0.10	0.17	
200.00	0.160	38.610	200.00	0.34 N	0.27 E	-0.31	0.01	
300.00	0.100	64.240	300.00	0.49 N	0.44 E	-0.49	0.08	
400.00	0.220	170.760	400.00	0.34 N	0.55 E	-0.58	0.27	
500.00	0.140	151.660	500.00	0.04 N	0.64 E	-0.64	0.10	
600.00	0.210	190.070	600.00	0.25 S	0.66 E	-0.63	0.13	
700.00	0.280	199.830	700.00	0.66 S	0.55 E	-0.47	0.08	
800.00	0.550	211.720	799.99	1.30 S	0.21 E	-0.07	0.28	
900.00	0.620	206.850	899.99	2.19 S	0.28 W	0.51	0.09	
1000.00	0.480	197.260	999.98	3.07 S	0.65 W	0.97	0.17	
1100.00	0.400	202.520	1099.98	3.79 S	0.91 W	1.31	0.09	
1200.00	0.500	188.860	1199.98	4.55 S	1.11 W	1.59	0.15	
1300.00	0.540	184.570	1299.97	5.45 S	1.22 W	1.78	0.06	
1400.00	0.540	195.390	1399.97	6.37 S	1.38 W	2.04	0.10	
1500.00	0.730	199.590	1499.96	7.43 S	1.72 W	2.49	0.20	
1600.00	0.880	203.010	1599.95	8.73 S	2.23 W	3.14	0.16	
1700.00	1.050	202.060	1699.94	10.29 S	2.88 W	3.94	0.17	
1800.00	1.050	200.160	1799.92	12.00 S	3.54 W	4.78	0.03	
1900.00	1.210	206.580	1899.90	13.80 S	4.32 W	5.75	0.20	
2000.00	1.300	199.550	1999.88	15.82 S	5.18 W	6.81	0.18	
2100.00	1.420	196.260	2099.85	18.07 S	5.90 W	7.77	0.14	
2200.00	1.590	188.550	2199.82	20.64 S	6.46 W	8.59	0.26	
2300.00	1.530	180.300	2299.78	23.34 S	6.67 W	9.09	0.23	
2400.00	1.150	158.100	2399.75	25.61 S	6.30 W	8.97	0.64	
2500.00	1.020	130.520	2499.74	27.12 S	5.25 W	8.08	0.53	
2600.00	1.230	97.720	2599.72	27.84 S	3.51 W	6.43	0.67	
2700.00	1.580	91.590	2699.69	28.02 S	1.07 W	4.02	0.38	
2800.00	1.800	82.000	2799.64	27.84 S	1.86 E	1.08	0.36	
2900.00	1.870	78.440	2899.59	27.30 S	5.02 E	-2.11	0.13	
3000.00	1.660	78.690	2999.55	26.69 S	8.04 E	-5.18	0.21	
3100.00	1.150	82.620	3099.51	26.27 S	10.45 E	-7.62	0.52	
3200.00	0.930	77.600	3199.50	25.97 S	12.24 E	-9.43	0.24	
3300.00	0.590	73.620	3299.49	25.65 S	13.53 E	-10.75	0.34	
3400.00	0.590	80.030	3399.48	25.42 S	14.53 E	-11.77	0.07	
3500.00	0.610	71.920	3499.48	25.16 S	15.54 E	-12.80	0.09	
3600.00	0.620	62.800	3599.47	24.75 S	16.53 E	-13.83	0.10	
3700.00	0.540	78.350	3699.47	24.41 S	17.47 E	-14.80	0.18	
3800.00	0.700	71.960	3799.46	24.12 S	18.51 E	-15.87	0.17	
3900.00	0.440	50.370	3899.46	23.69 S	19.39 E	-16.79	0.33	
4000.00	0.420	36.110	3999.45	23.15 S	19.90 E	-17.35	0.11	
4100.00	0.520	45.000	4099.45	22.53 S	20.44 E	-17.95	0.12	
4200.00	0.610	24.400	4199.45	21.73 S	20.98 E	-18.57	0.22	
4263.00	0.570	39.090	4262.44	21.18 S	21.32 E	-18.96	0.25	
4281.00	2.190	252.650	4280.44	21.21 S	21.04 E	-18.69	14.91	BHA # 1 / 2.77° Standard Motor/ STX-30C

Phillips Petroleum Company

Survey Report for EVGSAU 3308-004
Data Source: Information from Location

New Mexico

Lea County

Measured Depth (ft)	Incl. (Deg)	Azim. (Deg)	Station Coordinates			Vertical Section (ft)	Dogleg Rate (°/100ft)	Comment
TVD (ft)	Northings (ft)	Eastings (ft)						
4313.00	11.610	246.560	4312.17	22.68 S	17.50 E	-15.01	29.48	Last Gyro Survey @ 4313' md
MWD Surveys								
4335.00	17.500	245.200	4333.46	24.95 S	12.46 E	-9.76	26.82	1st MWD Survey @ 4335' md
4339.00	18.800	244.400	4337.26	25.48 S	11.33 E	-8.58	33.09	
4365.00	26.500	245.400	4361.23	29.71 S	2.27 E	0.88	29.65	
4397.00	34.700	242.100	4388.76	36.96 S	12.30 W	16.13	26.15	BHA # 2 / 2.12° Standard Motor / STX-30C
4429.00	42.800	242.000	4413.69	46.34 S	29.98 W	34.70	25.31	
4461.00	50.500	241.000	4435.64	57.44 S	50.41 W	56.18	24.17	
4493.00	58.200	240.400	4454.28	70.16 S	73.06 W	80.05	24.11	
4525.00	65.900	240.500	4469.27	84.09 S	97.63 W	105.95	24.06	
4556.00	72.600	241.600	4480.24	98.11 S	122.99 W	132.65	21.87	
4587.00	78.700	242.300	4487.92	112.23 S	149.48 W	160.48	19.80	BHA # 3 / 1.83° Performance Motor / FM2633
4619.00	81.500	242.300	4493.42	126.88 S	177.39 W	189.78	8.75	
4651.00	84.400	242.100	4497.35	141.69 S	205.48 W	219.27	9.08	
4683.00	85.400	242.400	4500.20	156.53 S	233.69 W	248.88	3.26	
4715.00	87.700	242.100	4502.12	171.40 S	261.95 W	278.56	7.25	
4747.00	90.600	241.400	4502.60	186.54 S	290.14 W	308.18	9.32	
4779.00	93.400	241.300	4501.48	201.87 S	318.20 W	337.70	8.76	
4811.00	95.300	242.500	4499.05	216.90 S	346.34 W	367.27	7.02	
4843.00	95.400	244.000	4496.07	231.24 S	374.79 W	397.08	4.68	
4875.00	95.400	245.400	4493.06	244.86 S	403.59 W	427.15	4.36	
4906.00	94.500	247.200	4490.38	257.27 S	431.87 W	456.58	6.47	
4939.00	93.000	248.200	4488.22	269.77 S	462.34 W	488.20	5.46	
4971.00	92.000	250.300	4486.83	281.09 S	492.23 W	519.12	7.26	
5003.00	91.900	253.300	4485.74	291.08 S	522.61 W	550.38	9.37	
5035.00	92.700	256.400	4484.45	299.43 S	553.47 W	581.95	10.00	
5067.00	94.000	259.600	4482.58	306.08 S	584.71 W	613.71	10.78	
5099.00	94.300	262.700	4480.27	310.99 S	616.24 W	645.59	9.71	
5131.00	93.200	263.800	4478.17	314.74 S	647.95 W	677.52	4.86	
5163.00	91.800	264.700	4476.78	317.94 S	679.76 W	709.48	5.20	
5195.00	89.700	266.400	4476.36	320.42 S	711.66 W	741.47	8.44	
5226.00	88.500	269.500	4476.85	321.53 S	742.63 W	772.38	10.72	
5258.00	88.000	270.600	4477.82	321.50 S	774.61 W	804.19	3.77	
5290.00	87.800	270.800	4479.00	321.11 S	806.59 W	835.94	0.88	
5322.00	88.600	271.300	4480.00	320.53 S	838.57 W	867.68	2.95	
5354.00	89.000	271.500	4480.67	319.75 S	870.55 W	899.40	1.40	
5386.00	89.300	271.300	4481.15	318.96 S	902.54 W	931.13	1.13	BHA # 4 / 1.83° Performance Motor / FM2623

FILED
Hobbs
N.M.
2002

Phillips Petroleum Company

Survey Report for EVGSAU 3308-004
Data Source: Information from Location

New Mexico

Lea County

Measured Depth (ft)	Incl. (Deg)	Azim. (Deg)	Station Coordinates			Vertical Section (ft)	Dogleg Rate (°/100ft)	Comment
TVD (ft)	Northings (ft)	Eastings (ft)						
5418.00	89.200	271.400	4481.57	318.21 S	934.53 W	962.86	0.44	
5450.00	90.100	270.800	4481.76	317.60 S	966.52 W	994.61	3.38	
5483.00	90.500	270.700	4481.59	317.16 S	999.52 W	1027.38	1.25	
5515.00	90.600	270.700	4481.28	316.77 S	1031.51 W	1059.15	0.31	
5547.00	90.500	270.700	4480.97	316.38 S	1063.51 W	1090.93	0.31	
5579.00	91.500	271.000	4480.41	315.91 S	1095.50 W	1122.69	3.26	
5611.00	91.400	270.900	4479.61	315.38 S	1127.49 W	1154.45	0.44	
5643.00	91.200	270.800	4478.88	314.90 S	1159.47 W	1186.21	0.70	
5675.00	91.000	270.600	4478.26	314.51 S	1191.47 W	1217.98	0.88	
5707.00	90.100	270.700	4477.96	314.15 S	1223.46 W	1249.76	2.83	
5738.00	89.700	270.800	4478.01	313.74 S	1254.46 W	1280.54	1.33	BHA # 5 / 1.83° Performance Motor / XS31
5770.00	89.400	271.000	4478.26	313.24 S	1286.45 W	1312.30	1.13	
5802.00	90.200	271.500	4478.37	312.54 S	1318.45 W	1344.04	2.95	
5834.00	89.900	271.700	4478.35	311.65 S	1350.43 W	1375.76	1.13	
5865.00	90.700	271.700	4478.18	310.73 S	1381.42 W	1406.47	2.58	
5897.00	90.100	271.500	4477.96	309.84 S	1413.41 W	1438.19	1.98	
5930.00	91.400	271.300	4477.53	309.03 S	1446.39 W	1470.91	3.99	
5961.00	90.900	271.400	4476.91	308.30 S	1477.38 W	1501.64	1.64	
5993.00	91.400	271.600	4476.26	307.46 S	1509.36 W	1533.36	1.68	
6025.00	92.000	271.500	4475.32	306.60 S	1541.33 W	1565.06	1.90	
6057.00	92.500	271.600	4474.06	305.73 S	1573.30 W	1596.76	1.59	
6089.00	91.900	272.000	4472.83	304.73 S	1605.26 W	1628.43	2.25	
6121.00	92.800	272.100	4471.52	303.58 S	1637.21 W	1660.09	2.83	
6152.00	94.000	271.900	4469.68	302.50 S	1668.14 W	1690.73	3.92	
6184.00	93.700	272.000	4467.53	301.42 S	1700.05 W	1722.35	0.99	
6216.00	93.300	272.300	4465.58	300.22 S	1731.96 W	1753.96	1.56	
6247.00	92.900	272.600	4463.90	298.90 S	1762.89 W	1784.57	1.61	
6279.00	92.700	272.800	4462.34	297.39 S	1794.82 W	1816.16	0.88	
6311.00	93.300	271.400	4460.66	296.22 S	1826.75 W	1847.80	4.75	
6342.00	93.400	270.800	4458.85	295.62 S	1857.69 W	1878.50	1.96	
6374.00	93.100	270.600	4457.04	295.23 S	1889.64 W	1910.23	1.13	
6406.00	92.500	269.400	4455.47	295.23 S	1921.60 W	1942.01	4.19	
6437.00	91.900	268.900	4454.28	295.69 S	1952.57 W	1972.86	2.52	
6467.00	90.900	268.500	4453.55	296.37 S	1982.55 W	2002.75	3.59	
6498.00	91.200	268.400	4452.98	297.21 S	2013.54 W	2033.65	1.02	
6528.00	92.400	268.200	4452.04	298.10 S	2043.51 W	2063.55	4.06	
6559.00	92.400	268.500	4450.74	298.99 S	2074.47 W	2094.43	0.97	
6589.00	93.600	268.600	4449.17	299.75 S	2104.42 W	2124.29	4.01	
6619.00	93.500	268.600	4447.32	300.48 S	2134.35 W	2154.13	0.33	
6649.00	93.400	268.400	4445.51	301.27 S	2164.29 W	2183.98	0.74	
6680.00	93.200	268.500	4443.73	302.10 S	2195.22 W	2214.84	0.72	
6710.00	92.400	268.500	4442.26	302.89 S	2225.18 W	2244.71	2.67	
6733.00	92.200	269.300	4441.34	303.33 S	2248.15 W	2267.60	3.58	
6765.00	91.600	269.600	4440.28	303.64 S	2280.14 W	2299.44	2.10	
6797.00	92.600	269.900	4439.10	303.78 S	2312.11 W	2331.25	3.26	BHA # 6 / 1.83° Performance Motor / XS30

Phillips Petroleum Company

Survey Report for EVGSAU 3308-004
Data Source: Information from Location

New Mexico

Lea County

Measured Depth (ft)	Incl. (Deg)	Azim. (Deg)	Station Coordinates			Vertical Section (ft)	Dogleg Rate (°/100ft)	Comment
			TVD (ft)	Northings (ft)	Eastings (ft)			
6829.00	92.100	270.200	4437.79	303.75 S	2344.09 W	2363.04	1.82	
6862.00	91.700	270.600	4436.70	303.52 S	2377.07 W	2395.82	1.71	
6894.00	91.000	270.600	4435.94	303.18 S	2409.06 W	2427.59	2.19	
6926.00	90.500	270.600	4435.52	302.85 S	2441.05 W	2459.37	1.56	
6958.00	90.500	270.500	4435.25	302.54 S	2473.05 W	2491.16	0.31	
6990.00	91.300	270.600	4434.74	302.23 S	2505.04 W	2522.95	2.52	
7022.00	92.000	270.700	4433.82	301.87 S	2537.03 W	2554.71	2.21	
7054.00	93.100	270.500	4432.40	301.54 S	2568.99 W	2586.47	3.49	
7084.00	93.200	270.700	4430.75	301.22 S	2598.95 W	2616.22	0.74	
7116.00	92.800	270.800	4429.07	300.80 S	2630.90 W	2647.95	1.29	
7148.00	92.400	270.800	4427.62	300.36 S	2662.86 W	2679.69	1.25	
7179.00	92.300	271.100	4426.35	299.84 S	2693.83 W	2710.43	1.02	
7211.00	92.100	271.100	4425.12	299.23 S	2725.80 W	2742.16	0.63	
7239.00	92.100	271.200	4424.10	298.67 S	2753.78 W	2769.92	0.36	Last MWD Survey @ 7239' md
7319.00	92.100	271.200	4421.17	296.99 S	2833.71 W	2849.23	0.00	Projection to TD @ 7319' md

All data is in Feet (US) unless otherwise stated. Directions and coordinates are relative to True North.
Vertical depths are relative to Well. Northings and Eastings are relative to Well.

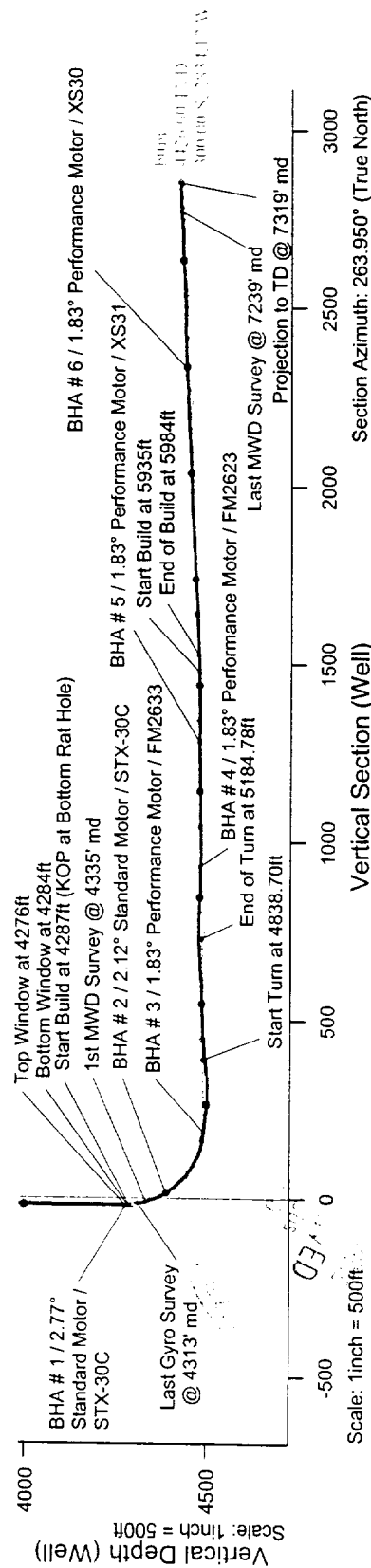
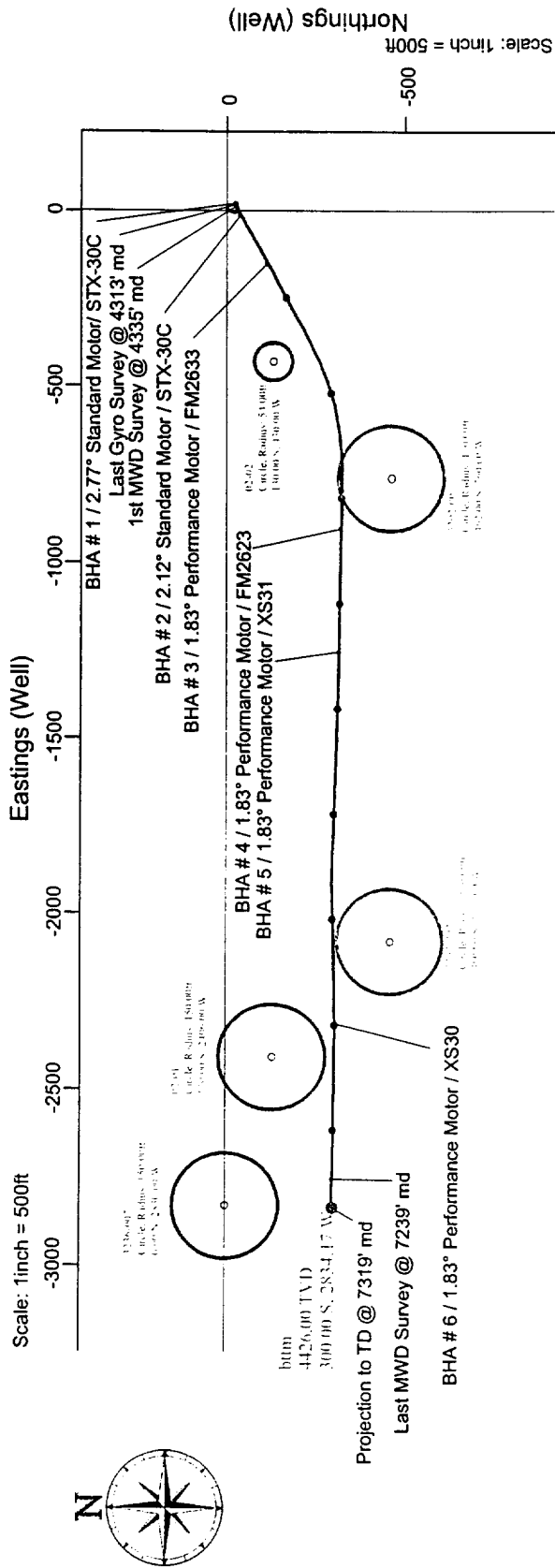
The Dogleg Severity is in Degrees per 100 feet.
Vertical Section is from Well and calculated along an Azimuth of 263.950° (True).

Magnetic Declination at Surface is 7.838° (02-May-02)

Based upon Minimum Curvature type calculations, at a Measured Depth of 7319.00ft.,
The Bottom Hole Displacement is 2849.23ft., in the Direction of 264.017° (True).

NOV 11 2002
HUBBS
000

New Mexico
Lea County
Sec. 33, T17S-R35E
EVGSAU 3308-004



Prepared by: Terry Herndon
Date/Time: 2 May, 2002 - 9:48
Checked:
Approved:

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. 1st Street, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Form C-102
Revised March 17, 1999

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-26655		² Pool Code 62180		³ Pool Name VACUUM GRAYBURG SAN ANDRES	
⁴ Property Code 9166		⁵ Property Name VACUUM GB/SA UNIT EAST TRACT #3308			⁶ Well Number 004
⁷ OGRID No. 017643		⁸ Operator Name Phillips Petroleum Company			⁹ Elevation 3951' GL/3961' KB

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
D	33	17S	35E		200	NORTH	100	WEST	LEA

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
C	32	17S	35E		497	NORTH	2546	WEST	LEA
¹² Dedicated Acres 160		¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ Order No. 2734 East			

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

				¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature: <i>L. M. Sanders</i> Printed Name: L. M. Sanders Title: Supervisor, Regulation/Proration Date: 6/04/02	
				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: Signature and Seal of Professional Surveyer:	
				Certificate Number	