



KEY ENERGY DRILLING, INC.

P.O. Box 1295
Midland, Texas 79702
Phone 915-570-0494
Fax 915-570-0465

To: Whom It May Concern:

RE: STATE OF NEW MEXICO
OIL AND GAS DIVISION
INCLINATION REPORT

Lease Name: NORTH HOBBS
Well Number: UNIT 32-913
County/State: LEA, N.M.
Operator: OCCIDENTAL PERMIAN LTD.
Address: P. O. BOX 4294
Address: HOUSTON, TEXAS 77210-4294
Location:

30-025-35385

SUR: 1860/S & 1245/W

BAL: 1860/S & 846/W

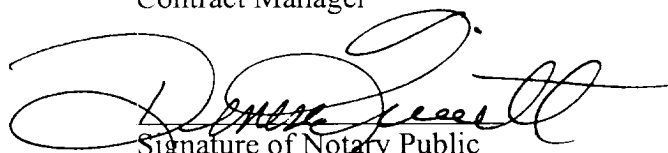
L- 32-18s-38e

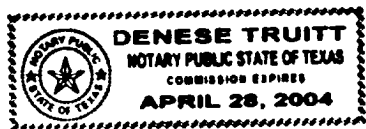
I, **CHOYR GILBERT**, Contract Manager for Key Energy Drilling, Inc., PO Box 1295, Midland, TX 79702, declare that I am authorized to make this certification, that I have personal knowledge of the inclination data and facts placed on this form and that such data and facts are true, correct, and complete to the best of my knowledge.

Sworn to and Subscribed Before Me by the said


CHOYR GILBERT
Contract Manager

This the 16th day of April, 2001


Signature of Notary Public
In and for the State of Texas



DENESE TRUITT
Print Name of Notary Public

**STATE OF NEW MEXICO
OIL AND GAS DIVISION**

INCLINATION REPORT

FIELD NAME Hobbs; Grayburg-San Andres	LEASE NAME NORTH HOBBS G/SA Unit	WELL NUMBER 913
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OPERATOR OCCIDENTAL PERMIAN Limited Partnership	COUNTY LEA
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ADDRESS P. O. BOX 4294; HOUSTON, TEXAS 77210-4294

LOCATION Letter L, Sec. 32, T-18-S, R-38-E

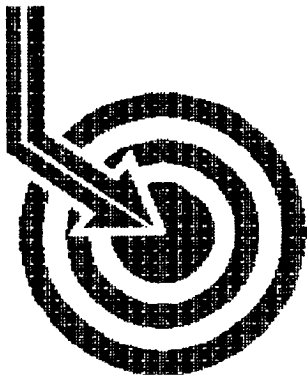
RECORD OF INCLINATION

MEASURED DEPTH FEET	COURSE LENGTH HUNDREDS OF FEET	ANGLE OF INCLINATION DEGREE	DISPLACEMENT PER HUNDRED FEET	COURSE DISPLACEMENT FEET	ACCUMULATIVE DISPLACEMENT
455	4.55	2.00	3.49	15.88	15.88
575	1.20	2.00	3.49	4.19	20.07
663	0.88	2.50	4.36	3.84	23.91
723	0.60	2.75	4.80	2.88	26.78
824	1.01	2.25	3.93	3.97	30.75
899	0.75	1.50	2.62	1.96	32.71
1050	1.51	1.00	1.75	2.64	35.35
1274	2.24	1.25	2.18	4.89	40.23
1466	1.92	0.75	1.31	2.51	42.75
1540	0.74	0.36	0.63	0.46	43.21
1606	0.66	0.10	0.17	0.12	43.33
1691	0.85	0.90	1.57	1.34	44.66
1785	0.94	3.40	5.93	5.57	50.24
1880	0.95	5.40	9.41	8.94	59.18
1976	0.96	7.60	13.23	12.70	71.87
2071	0.95	9.30	16.16	15.35	87.23
2166	0.95	9.20	15.99	15.19	102.42
2260	0.94	8.80	15.30	14.38	116.80
2354	0.94	8.30	14.44	13.57	130.37
2449	0.95	9.40	16.33	15.52	145.88
2543	0.94	9.30	16.16	15.19	161.07
2637	0.94	8.80	15.30	14.38	175.45
2729	0.92	8.50	14.78	13.60	189.05
2824	0.95	8.70	15.13	14.37	203.42
2916	0.92	7.90	13.74	12.64	216.07
3009	0.93	7.30	12.71	11.82	227.88
3101	0.92	7.70	13.40	12.33	240.21
3195	0.94	8.70	15.13	14.22	254.43
3288	0.93	8.20	14.26	13.26	267.69
3380	0.92	7.40	12.88	11.85	279.54
3474	0.94	7.90	13.74	12.92	292.46
3568	0.94	8.80	15.30	14.38	306.84
3660	0.92	8.80	15.30	14.07	320.92
3752	0.92	8.00	13.92	12.80	333.72
3844	0.92	8.90	15.47	14.23	347.96
3936	0.92	8.90	15.47	14.23	362.19
3999	0.63	8.40	14.61	9.20	371.39
4091	0.92	8.30	14.44	13.28	384.67
4185	0.94	8.50	14.78	13.89	398.57
4280	0.95	8.70	15.13	14.37	412.94
4312	0.32	8.70	15.13	4.84	417.78

INCLINATION REPORT

LOCATION
Letter L, Sec. 32, T-18-S, R-38-E

SIGNATURE OF AUTHORIZED REPRESENTATIVE 	NAME OF COMPANY KEY ENERGY DRILLING, INC.
NAME OF PERSON AND TITLE CHOYR GILBERT - CONTRACT MANAGER	TELEPHONE NUMBER (915) 570-0494



Scientific Drilling

OXY PERMIAN

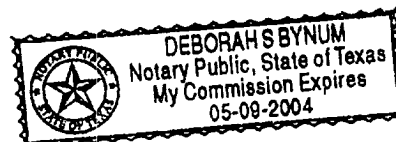
Field: North Hobbs
Site: Lea County, NM
Well: NHU #32-913
Wellpath: DD - Job #32D0301134/K140
Survey: 3/10/01-3/16/01

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

Don Neady.....Company Representative

Notorized this date 6th of April, 2001.

Deborah Sue Bynum
Notary Signature
County of Midland
State of Texas



Scientific Drilling International

Survey Report

Company: OXY PERMIAN Field: North Hobbs Site: Lea County, NM Well: NHU #32-913 Wellpath: DD - Job #32D0301134/K140	Date: 4/6/2001 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,270.0Azi) Survey Calculation Method: Minimum Curvature	Time: 10:37:17 Page: 1
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Survey: 3/10/01-3/16/01 KSRG 0'-1540' & ST 1606'-4396'	Start Date: 4/6/2001
Company: Scientific Drilling International Tool: Keeper	Engineer: DeSpain/Brusenhan

Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	ClsD ft	ClsA deg
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.0	0.00
100.0	0.74	309.12	100.0	0.5	0.4	-0.5	0.6	309.12
200.0	0.92	317.49	200.0	1.5	1.4	-1.5	2.1	312.33
300.0	1.01	309.70	300.0	2.8	2.6	-2.8	3.8	312.81
400.0	1.21	305.88	400.0	4.3	3.7	-4.3	5.7	311.05
500.0	1.64	311.47	499.9	6.2	5.3	-6.2	8.2	310.46
600.0	2.16	319.29	599.9	8.5	7.7	-8.5	11.5	312.03
700.0	2.44	319.97	699.8	11.1	10.7	-11.1	15.5	314.00
800.0	2.10	322.06	799.7	13.6	13.8	-13.6	19.4	315.41
900.0	1.54	320.63	899.7	15.6	16.3	-15.6	22.6	316.26
1000.0	1.10	311.34	999.6	17.2	18.0	-17.2	24.9	316.31
1100.0	0.87	307.59	1099.6	18.5	19.1	-18.5	26.6	315.88
1200.0	0.55	309.04	1199.6	19.5	19.8	-19.5	27.8	315.54
1300.0	0.35	314.96	1299.6	20.1	20.4	-20.1	28.6	315.42
1400.0	0.30	322.33	1399.6	20.4	20.8	-20.4	29.1	315.48
1500.0	0.32	321.65	1499.6	20.8	21.2	-20.8	29.7	315.60
1540.0	0.36	319.33	1539.6	20.9	21.4	-20.9	29.9	315.64
1606.0	0.10	196.00	1605.6	21.1	21.5	-21.1	30.1	315.57
1691.0	0.90	268.60	1690.6	21.8	21.4	-21.8	30.5	314.53
1785.0	3.40	267.60	1784.5	25.3	21.3	-25.3	33.0	310.07
1880.0	5.40	270.30	1879.2	32.6	21.2	-32.6	38.8	303.03
1976.0	7.60	258.20	1974.6	43.3	19.9	-43.3	47.7	294.68
2071.0	9.30	257.50	2068.6	56.9	17.0	-56.9	59.4	286.58
2166.0	9.20	259.40	2162.3	71.9	13.9	-71.9	73.2	280.94
2260.0	8.80	261.60	2255.2	86.4	11.5	-86.4	87.2	277.56
2354.0	8.30	264.20	2348.1	100.3	9.7	-100.3	100.7	275.54
2449.0	9.40	266.10	2442.0	114.8	8.5	-114.8	115.1	274.24
2543.0	9.30	267.70	2534.8	130.1	7.7	-130.1	130.3	273.38
2637.0	8.80	270.80	2627.6	144.9	7.5	-144.9	145.0	272.95
2729.0	8.50	273.50	2718.6	158.7	8.0	-158.7	158.9	272.88
2824.0	8.70	265.50	2812.5	172.9	7.9	-172.9	173.0	272.60
2916.0	7.90	265.90	2903.5	186.1	6.9	-186.1	186.2	272.11
3009.0	7.30	267.10	2995.7	198.4	6.1	-198.4	198.5	271.76
3101.0	7.70	268.30	3086.9	210.4	5.6	-210.4	210.4	271.53
3195.0	8.70	267.60	3180.0	223.8	5.1	-223.8	223.8	271.31
3288.0	8.20	267.10	3271.9	237.4	4.5	-237.4	237.5	271.09
3380.0	7.40	264.80	3363.1	249.9	3.6	-249.9	249.9	270.83
3474.0	7.90	273.90	3456.3	262.3	3.5	-262.3	262.4	270.77
3568.0	8.80	276.00	3549.3	275.9	4.7	-275.9	276.0	270.98
3660.0	8.80	270.60	3640.2	290.0	5.5	-290.0	290.0	271.09
3752.0	8.00	270.90	3731.2	303.4	5.7	-303.4	303.5	271.08
3844.0	8.90	270.60	3822.2	316.9	5.9	-316.9	317.0	271.06
3936.0	8.90	262.10	3913.1	331.1	5.0	-331.1	331.1	270.86
3999.0	8.40	264.90	3975.4	340.5	3.9	-340.5	340.5	270.66
4091.0	8.30	267.00	4066.4	353.8	2.9	-353.8	353.8	270.48
4185.0	8.50	266.30	4159.4	367.5	2.1	-367.5	367.5	270.33
4280.0	8.70	265.40	4253.3	381.7	1.1	-381.7	381.7	270.17
4312.0	8.70	265.00	4285.0	386.5	0.7	-386.5	386.5	270.11

Scientific Drilling International

Survey Report

Company: OXY PERMIAN
Field: North Hobbs
Site: Lea County, NM
Well: NHU #32-913
Wellpath: DD - Job #32D0301134/K140

Date: 4/6/2001
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,270.0Azi)
Survey Calculation Method: Minimum Curvature

Page: 2

Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	ClsD ft	ClsA deg
4396.0	8.70	265.00	4368.0	399.2	-0.4	-399.2	399.2	269.94

