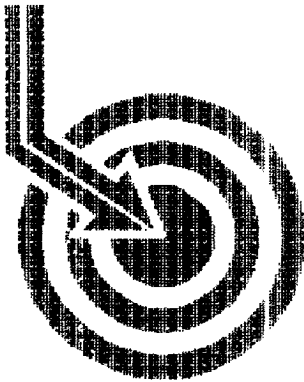




Scientific Drilling

OXY PERMIAN

Field: South Hobbs
Site: Lea County, NM
Well: South Hobbs #240
Wellpath: DH - Job #32D0201073
Survey: 2/9/01-2/15/01

30-025-35342

SUR: 837/S & 1611/W
N-34-18s-38e

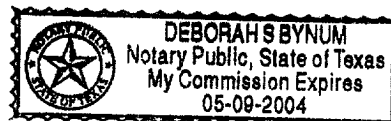
BHL: 571/S & 1302/W
M-34-18s-38e

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

Severely Noisy.....Company Representative

Notorized this date 23rd of March, 2001.

Deborah Sue Bynum
Notary Signature
County of Midland
State of Texas



1. The first part of the document is a list of names and addresses of the members of the committee. The names are listed in alphabetical order, and the addresses are listed below each name. The list includes the names of the members of the committee, the names of the members of the sub-committee, and the names of the members of the advisory committee. The addresses are listed in the same order as the names.



Scientific Drilling International

Survey Report

Company: OXY PERMIAN
Field: South Hobbs
Site: Lea County, NM
Well: South Hobbs #240
Wellpath: VH - 32K0201076

Date: 3/23/2001 **Time:** 12:52:13 **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,229.0Azi)
Survey Calculation Method: Minimum Curvature

Survey: 2/10/01
 KSRG 0'-1600'

Start Date: 3/23/2001

Company: Scientific Drilling International
Tool: Keeper

Engineer: Bobby Earl

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	0.27	34.64	100.0	-0.2	0.2	0.1	0.2	34.64
200.0	0.39	66.35	200.0	-0.8	0.5	0.6	0.8	47.87
300.0	0.33	83.47	300.0	-1.3	0.7	1.2	1.4	59.50
400.0	0.27	78.80	400.0	-1.8	0.8	1.7	1.9	65.51
500.0	0.10	87.66	500.0	-2.1	0.8	2.0	2.2	67.80
600.0	0.15	138.92	600.0	-2.1	0.7	2.2	2.3	71.62
700.0	0.37	173.73	700.0	-1.9	0.3	2.3	2.3	82.43
800.0	0.42	172.48	800.0	-1.6	-0.4	2.4	2.4	98.98
900.0	0.57	163.07	900.0	-1.2	-1.2	2.6	2.9	115.22
1000.0	0.68	171.90	1000.0	-0.6	-2.3	2.8	3.6	129.04
1100.0	0.80	184.86	1100.0	0.2	-3.6	2.8	4.6	141.48
1200.0	0.74	200.25	1200.0	1.3	-4.9	2.6	5.5	152.30
1300.0	0.76	206.98	1300.0	2.4	-6.1	2.0	6.4	161.49
1400.0	0.76	214.37	1399.9	3.7	-7.2	1.4	7.3	169.35
1500.0	0.68	214.30	1499.9	4.9	-8.2	0.6	8.3	175.52
1600.0	0.69	232.48	1599.9	6.1	-9.1	-0.2	9.1	181.05

Scientific Drilling International

Survey Report

Company: OXY PERMIAN Field: South Hobbs Site: Lea County, NM Well: South Hobbs #24C Wellpath: DH - Job #32D02(1073)	Date: 3/23/2001 Time: 12:57:06 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,181.0Azi) Survey Calculation Method: Minimum Curvature
--	--

Survey: 2/9/01-2/15/01 S/T 1692'-4310'	Start Date: 3/23/2001
--	------------------------------

Company: Scientific Drilling International Tool: Eye II	Engineer: RD Brusenhan
--	-------------------------------

Survey								
MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	CisD ft	CisA deg
1600.0	0.69	232.48	1599.9	9.1	-9.1	-0.2	9.1	181.05
1692.0	2.00	240.20	1691.9	10.3	-10.2	-2.0	10.4	191.06
1788.0	4.00	237.90	1787.8	13.0	-12.8	-6.3	14.3	206.09
1883.0	5.60	229.60	1882.4	17.8	-17.6	-12.6	21.7	215.65
1977.0	8.70	233.90	1975.7	25.2	-24.8	-21.9	33.0	221.44
2072.0	9.80	230.10	2069.5	34.8	-34.2	-33.9	48.1	224.73
2167.0	9.60	231.90	2163.1	45.1	-44.3	-46.3	64.1	226.29
2262.0	9.50	230.70	2256.8	55.2	-54.1	-58.6	79.8	227.28
2354.0	9.60	231.80	2347.5	65.0	-63.7	-70.5	95.0	227.92
2448.0	9.40	233.30	2440.2	74.6	-73.1	-82.8	110.5	228.57
2541.0	9.10	233.50	2532.0	83.7	-82.0	-94.8	125.4	229.14
2636.0	9.50	234.90	2625.8	92.9	-91.0	-107.3	140.7	229.70
2726.0	10.00	229.90	2714.5	102.5	-100.3	-119.3	155.9	229.95
2820.0	10.20	228.80	2807.0	113.4	-111.0	-131.8	172.4	229.90
2911.0	9.80	230.60	2896.6	123.9	-121.3	-143.9	188.2	229.88
3005.0	9.50	232.00	2989.3	134.0	-131.1	-156.2	203.9	229.99
3097.0	9.80	228.50	3080.0	144.0	-141.0	-168.0	219.3	230.00
3190.0	9.70	230.00	3171.6	154.5	-151.3	-180.0	235.1	229.95
3283.0	8.90	232.30	3263.4	164.2	-160.7	-191.7	250.1	230.02
3377.0	9.80	232.10	3356.2	173.8	-170.1	-203.7	265.4	230.15
3470.0	9.00	227.70	3447.9	183.7	-179.8	-215.3	280.5	230.14
3563.0	8.50	231.50	3539.8	193.1	-189.0	-226.1	294.7	230.11
3626.0	8.70	229.60	3602.1	199.2	-195.0	-233.4	304.1	230.12
3690.0	8.90	224.10	3665.4	206.0	-201.7	-240.5	313.9	230.02
3784.0	8.70	224.50	3758.3	216.5	-212.0	-250.6	328.2	229.77
3876.0	8.30	227.20	3849.3	226.2	-221.4	-260.3	341.7	229.61
3941.0	8.10	229.50	3913.6	232.5	-227.6	-267.2	351.0	229.58
4035.0	8.80	226.50	4006.6	241.9	-236.8	-277.5	364.8	229.52
4129.0	8.80	227.20	4099.5	251.9	-246.7	-288.0	379.2	229.42
4220.0	8.70	227.40	4189.4	261.5	-256.1	-298.1	393.0	229.34
4310.0	8.70	227.40	4278.4	270.9	-265.3	-308.2	406.6	229.28



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

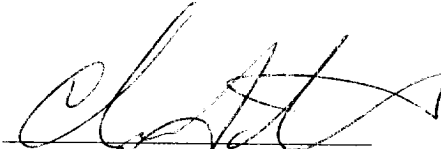
To: Whom It May Concern:

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

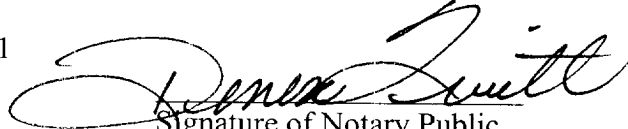
Lease Name SOUTH HOBBS
Well Number: UNIT #240
County/State: LEA, N.M.
Operator: OCCIDENTAL PERMIAN LTD.
Address: P. O. BOX 4294
Address: HOUSTON, TX 77210-4294
Location:

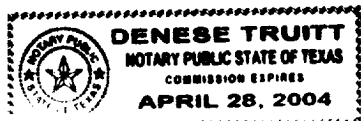
I, **CHOYR GILBERT**, Contract Manager for Key Energy Drilling, Inc., PO Box 1295, Midland, TX 79702, declare that I am authorized to make this certification, that I have personal knowledge of the inclination data and facts placed on this form and that such data and facts are true, correct, and complete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

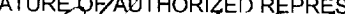

Signature of Notary Public
In and for the State of Texas



DENESE TRUITT
Print Name of Notary Public

INCLINATION REPORT

LOCATION	
Letter M, Sec. 34, T-18-S, R-38-E	

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