

NSL 3/23/00

February 28, 2000

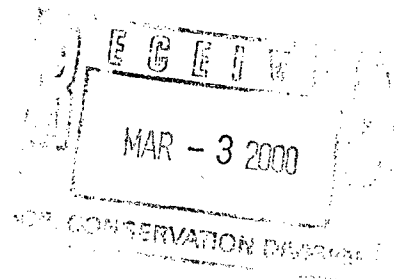


Chevron

Administrative Application For
Non-Standard Oil Well Location
Chevron USA Production Co.
North Lusk 29 Federal #1
Surface Location: 330' FSL and 2005' FWL
Bottom Hole Location: Section 29, T18S, R32E
North Lusk Morrow Pool
Lea County, New Mexico

Chevron U.S.A. Production Company

P.O. Box 1150
Midland, TX 79702



State of New Mexico
Energy, Minerals & Natural Resources Dept.
Oil Conservation Division
2040 South Pacheco
Santa Fe, New Mexico 87505

Attn.: Lori Wrotenbery

Dear Ms. Wrotenbery:

Chevron USA respectfully requests your approval of this administrative application for the subject non-standard oil well location in the North Lusk Strawn Pool.

Chevron drilled and completed the above mentioned well from a standard oil well location in the Strawn Pool. Attached is a plat of the well bore trajectory while drilling the well. Well 29 #1 was not directional drilled or deviated mechanically by Chevron. The well bore ended at 219.55' FSL and 1964.49' FWL, which is a non-standard location.

Attachments include a directional survey and a plot of the wellbore path. If you have any questions or require any further information concerning this application, please contact me at (915) 687-7152.

Sincerely,

Lloyd V. Trautman
Sr. Petroleum Engineer
New Mexico Area

lvt

Attachments

cc: NMOCD -- Hobbs, NM
J. K. Ripley
L. V. Trautman
M. D. Barabash
Central Files

CHEVRON U.S.A.
North Lusk 29 Federal No.1

slot #1

LEA COUNTY, NEW MEXICO

S U R V E Y L I S T I N G

by
Baker Hughes INTEQ

Your ref : Gyro
Our ref : svy1297
License :

Date printed : 27-Sep-1999
Date created : 3-Sep-1999
Last revised : 27-Sep-1999

Field is centred on n32 58 13.100,w103 14 15.6
Structure is centred on n32 45 0.000,w103 45 0

Slot location is n32 45 0.000,w103 45 0.000
Slot Grid coordinates are N 637054.841, E 679344.165
Slot local coordinates are 0.00 N 0.00 E

Projection type: mercator - New Mexico East (3001), Spheroid: Clarke - 1866

Reference North is True North

CHEVRON U.S.A.
North Lusk 29 Federal No.1, slot #1
, LEA COUNTY, NEW MEXICO

SURVEY LISTING Page 1
Your ref : Gyro
Last revised : 27-Sep-1999

Measured Depth	Inclin. Degrees	Azimuth Degrees	True Vert Depth	R E C T A N G U L A R C O O R D I N A T E S	Dogleg Deg/100ft	Vert Sect
0.00	0.00	0.00	0.00	0.00 N	0.00 E	0.00
100.00	0.52	180.35	100.00	0.45 S	0.00 W	-0.45
200.00	0.64	155.14	199.99	1.41 S	0.23 E	-1.40
300.00	0.65	170.96	299.99	2.47 S	0.55 E	-2.44
400.00	0.67	142.98	399.98	3.49 S	0.99 E	-3.44
500.00	0.66	133.29	499.97	4.36 S	1.76 E	-4.26
600.00	0.63	140.64	599.97	5.18 S	2.53 E	-5.04
700.00	0.34	91.02	699.96	5.61 S	3.18 E	-5.44
800.00	0.42	19.01	799.96	5.27 S	3.60 E	-5.07
900.00	0.41	357.91	899.96	4.56 S	3.70 E	-4.36
1000.00	0.61	347.38	999.96	3.68 S	3.57 E	-3.49
1100.00	0.67	347.06	1099.95	2.59 S	3.33 E	-2.42
1200.00	0.71	333.40	1199.94	1.47 S	2.92 E	-1.32
1300.00	0.42	9.82	1299.94	0.56 S	2.70 E	-0.42
1400.00	0.40	12.12	1399.94	0.15 N	2.84 E	0.29
1500.00	0.45	25.89	1499.93	0.84 N	3.08 E	1.00
1600.00	0.51	347.24	1599.93	1.63 N	3.16 E	1.79
1700.00	0.47	336.74	1699.93	2.44 N	2.90 E	2.59
1800.00	0.47	337.50	1799.92	3.20 N	2.58 E	3.32
1900.00	0.50	341.10	1899.92	3.98 N	2.28 E	4.09
2000.00	0.60	21.19	1999.92	4.88 N	2.33 E	4.99
2100.00	1.42	56.52	2099.90	6.04 N	3.55 E	6.22
2200.00	2.08	53.86	2199.85	7.80 N	6.04 E	8.10
2300.00	2.60	54.48	2299.77	10.19 N	9.36 E	10.65
2400.00	3.78	61.95	2399.61	13.05 N	14.11 E	13.76

All data is in feet unless otherwise stated.

Coordinates from slot #1 and TVD from rotary table.

Bottom hole distance is 117.64 on azimuth 200.14 degrees from wellhead.

Vertical section is from wellhead on azimuth 2.94 degrees.

Calculation uses the minimum curvature method.

Presented by Baker Hughes INTEQ

Measured Depth	Inclin. Degrees	Azimuth Degrees	True Vert Depth	R E C T A N G U L A R C O O R D I N A T E S	Dogleg Deg/100ft	Vert Sect
2500.00	4.12	61.61	2499.37	16.31 N 20.18 E	0.34	17.32
2600.00	3.24	53.74	2599.17	19.69 N 25.62 E	1.01	20.98
2700.00	2.48	47.80	2699.04	22.81 N 29.50 E	0.82	24.30
2800.00	2.14	37.52	2798.96	25.74 N 32.23 E	0.53	27.36
2900.00	1.94	28.69	2898.90	28.70 N 34.18 E	0.37	30.42
3000.00	1.63	11.85	2998.85	31.57 N 35.28 E	0.60	33.34
3100.00	1.75	2.41	3098.81	34.49 N 35.64 E	0.30	36.27
3200.00	1.90	357.47	3198.76	37.67 N 35.63 E	0.22	39.45
3300.00	2.01	350.45	3298.70	41.06 N 35.26 E	0.26	42.82
3400.00	2.03	348.45	3398.64	44.53 N 34.62 E	0.07	46.25
3500.00	1.99	345.12	3498.58	47.95 N 33.82 E	0.12	49.62
3600.00	2.10	346.91	3598.51	51.42 N 32.95 E	0.12	53.04
3700.00	1.63	355.56	3698.46	54.62 N 32.43 E	0.54	56.21
3800.00	1.32	355.47	3798.43	57.19 N 32.23 E	0.31	58.77
3900.00	0.92	350.06	3898.41	59.13 N 32.00 E	0.42	60.70
4000.00	0.86	340.85	3998.39	60.63 N 31.61 E	0.15	62.18
4100.00	0.83	341.84	4098.38	62.03 N 31.14 E	0.04	63.55
4200.00	0.81	345.65	4198.37	63.40 N 30.74 E	0.06	64.89
4300.00	0.76	328.94	4298.36	64.64 N 30.23 E	0.23	66.11
4400.00	0.67	338.74	4398.36	65.76 N 29.67 E	0.15	67.19
4500.00	0.70	339.33	4498.35	66.88 N 29.24 E	0.03	68.29
4600.00	0.62	335.16	4598.34	67.94 N 28.80 E	0.09	69.33
4700.00	0.58	340.60	4698.34	68.91 N 28.41 E	0.07	70.27
4800.00	0.57	339.12	4798.33	69.85 N 28.06 E	0.02	71.20
4900.00	0.59	336.26	4898.33	70.79 N 27.67 E	0.04	72.12

All data is in feet unless otherwise stated.
 Coordinates from slot #1 and TVD from rotary table.
 Bottom hole distance is 117.64 on azimuth 200.14 degrees from wellhead.
 Vertical section is from wellhead on azimuth 2.94 degrees.
 Calculation uses the minimum curvature method.
 Presented by Baker Hughes INTEQ

Measured Depth	Inclin. Degrees	Azimuth Degrees	True Vert Depth	R E C T A N G U L A R C O O R D I N A T E S	Dogleg Deg/100ft	Vert Sect
5000.00	0.55	332.78	4998.32	71.70 N	0.05	73.00
5100.00	0.60	326.24	5098.32	72.56 N	0.08	73.84
5200.00	0.42	322.39	5198.31	73.29 N	0.18	74.54
5300.00	0.71	325.77	5298.31	74.09 N	0.29	75.31
5400.00	0.66	315.70	5398.30	75.02 N	0.13	76.19
5500.00	0.62	313.66	5498.29	75.80 N	0.04	76.94
5600.00	0.57	287.19	5598.29	76.33 N	0.28	77.42
5700.00	0.50	313.84	5698.28	76.78 N	0.26	77.83
5800.00	0.50	286.85	5798.28	77.20 N	0.23	78.22
5900.00	0.54	287.03	5898.28	77.47 N	0.05	78.44
6000.00	0.41	282.78	5998.27	77.69 N	0.13	78.61
6100.00	0.52	277.73	6098.27	77.83 N	0.12	78.71
6200.00	0.34	301.81	6198.27	78.04 N	0.25	78.89
6300.00	0.52	283.91	6298.26	78.31 N	0.23	79.12
6400.00	0.36	284.17	6398.26	78.49 N	0.16	79.27
6500.00	0.27	257.41	6498.26	78.52 N	0.17	79.27
6600.00	0.37	275.06	6598.26	78.50 N	0.14	79.22
6700.00	0.33	265.22	6698.26	78.50 N	0.07	79.19
6800.00	0.28	301.76	6798.26	78.61 N	0.20	79.27
6900.00	0.25	326.31	6898.25	78.92 N	0.12	79.56
7000.00	0.16	73.04	6998.25	79.15 N	0.33	79.79
7100.00	0.08	205.66	7098.25	79.12 N	0.22	79.77
7200.00	0.13	218.56	7198.25	78.96 N	0.05	79.61
7300.00	0.35	202.61	7298.25	78.59 N	0.23	79.22
7400.00	0.52	209.33	7398.25	77.91 N	0.18	78.53

All data is in feet unless otherwise stated.
 Coordinates from slot #1 and TVD from rotary table.
 Bottom hole distance is 117.64 on azimuth 200.14 degrees from wellhead.
 Vertical section is from wellhead on azimuth 2.94 degrees.
 Calculation uses the minimum curvature method.
 Presented by Baker Hughes INTEQ

CHEVRON U.S.A.

North Lusk 29 Federal No.1, slot #1
, LEA COUNTY, NEW MEXICO

SURVEY LISTING Page 4
Your ref : Gyro
Last revised : 27-Sep-1999

Measured Depth	Inclin. Degrees	Azimuth Degrees	True Vert Depth	R E C T A N G U L A R C O O R D I N A T E S	Dogleg Deg/100ft	Vert Sect
7500.00	0.92	212.33	7498.24	76.83 N	0.40	77.41
7600.00	0.99	210.46	7598.23	75.40 N	0.08	75.94
7700.00	0.90	247.84	7698.21	74.36 N	0.61	74.84
7800.00	1.27	266.99	7798.20	74.01 N	0.52	74.40
7900.00	1.47	256.63	7898.17	73.65 N	0.32	73.92
8000.00	1.50	274.20	7998.14	73.45 N	0.45	73.59
8029.00	1.75	277.70	8027.12	73.54 N	0.93	73.63
8527.00	1.75	256.00	8524.90	72.72 N	0.13	72.05
9026.00	1.25	225.00	9023.73	67.02 N	0.19	65.79
9504.00	1.75	199.00	9501.57	56.44 N	0.17	54.90
9996.00	2.25	186.00	9993.27	39.73 N	0.14	38.04
10481.00	3.25	189.00	10477.71	16.68 N	0.21	14.86
10579.00	3.00	178.00	10575.56	11.37 N	0.66	9.54
10756.00	4.25	172.00	10752.21	0.25 N	0.74	-1.51
10875.00	4.75	172.00	10870.84	9.00 S	0.42	-10.68
10917.00	4.75	177.00	10912.70	12.45 S	0.99	-14.11
11109.00	6.00	182.00	11103.85	30.42 S	0.69	-32.06
11229.00	6.50	183.00	11223.14	43.47 S	0.43	-45.12
11322.00	7.00	184.00	11315.49	54.38 S	0.55	-56.05
11448.00	7.00	184.00	11440.55	69.70 S	0.00	-71.40
11544.00	6.50	182.00	11535.89	80.97 S	0.58	-82.68
11669.00	5.75	191.00	11660.17	94.19 S	0.97	-95.96
11860.00	4.25	194.00	11850.44	110.45 S	0.80	-112.38

All data is in feet unless otherwise stated.

Coordinates from slot #1 and TVD from rotary table.

Bottom hole distance is 117.64 on azimuth 200.14 degrees from wellhead.

Vertical section is from wellhead on azimuth 2.94 degrees.

Calculation uses the minimum curvature method.

Presented by Baker Hughes INTEQ



CHEVRON U.S.A.

Structure : North Lusk 29 Federal No.1

Slot : slot #1

Field :

Location : LEA COUNTY, NEW MEXICO

