

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Form C-101
May 27, 2004

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit to appropriate District Office

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address CHEVRON U.S.A. INC. 15 SMITH ROAD MIDLAND, TX 79705		² OGRID Number 4323
		³ API Number 30-025-25198
⁴ Property Code 2669	⁵ Property Name HARRY LEONARD NCT-E	⁶ Well No. 6
⁹ Proposed Pool 1 PENROSE SKELLY GRAYBURG		¹⁰ Proposed Pool 2

7 Surface Location

UL or lot no. A	Section 16	Township 21-S	Range 37-E	Lot Idn	Feet from the 330'	North/South line NORTH	Feet from the 600'	East/West line EAST	County LEA
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8 Proposed Bottom Hole Location If Different From Surface

UL or lot no. H	Section 16	Township	Range 37-E	Lot Idn	Feet from the 1980'	North/South line NORTH	Feet from the 340'	East/West line EAST	County LEA
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Additional Well Information

¹¹ Work Type Code D <i>Horizontal</i>	¹² Well Type Code O	¹³ Cable/Rotary ROTARY	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3475'
¹⁶ Multiple NO	¹⁷ Proposed Depth 3870'	¹⁸ Formation GRAYBURG	¹⁹ Contractor	²⁰ Spud Date 6-15-05
Depth to Groundwater		Distance from nearest fresh water well		Distance from nearest surface water
Pit: Liner: Synthetic ☐ _____ mils thick Clay ☐ Pit Volume: _____ bbls Drilling Method:				
Closed-Loop System ☐ SEE ATTACHED C-144 Fresh Water ☐ Brine ☐ Diesel/Oil-based ☐ Gas/Air ☐				

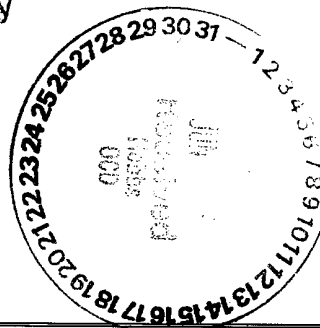
21 Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
NO CHANGE					

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

KICK OFF POINT - 3730'
TOP OF WINDOW - 3730'
BOTTOM OF WINDOW - 3740'
TARGET INTERVAL - 3730-3870'
LENGTH OF LATERAL - 1900'

Permit Expires 1 Year From Approval
Date Unless Drilling Underway
Horizontal



²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines ☒, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Printed name: DENISE PINKERTON

Title: REGULATORY SPECIALIST

E-mail Address: LEAKEJD@CHEVRONTXACO.COM

Date: 6-07-2005

Phone: 432-687-7375

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date: JUN 09 2005

Expiration Date:

PETROLEUM ENGINEER

Conditions of Approval Attached ☐



Company: ChevronTexaco

Field: Penrose Skelly

Site: Lea County, NM

Well: Leonard Harry #6

Wellpath: 1

Date: 2005-06-06

Co-ordinate(NE) Reference: Well: Leonard Harry #6, Grid North

Vertical (TVD) Reference: KB ELEVATION 3475.0

Section (VS) Reference: Well (0.00N,0.00E,171.10Azi)

Plan: Plan #1

Page: 1

Field: Penrose Skelly

Map System:US State Plane Coordinate System 1927

Geo Datum: NAD27 (Clarke 1866)

Sys Datum: Mean Sea Level

Map Zone: New Mexico, Eastern Zone

Coordinate System: Well Centre

Geomagnetic Model: igrf2005

Site: Lea County, NM

Site Position:

From: Map

Position Uncertainty: 0.00 ft

Ground Level: 0.00 ft

Northing: 542208.00 ft

Easting: 861498.00 ft

Latitude: 32 29 6.649 N

Longitude: 103 9 39.638 W

North Reference: Grid

Grid Convergence: 0.63 deg

Well: Leonard Harry #6

Slot Name:

Well Position: +N/-S 0.00 ft

+E/-W 0.00 ft

Position Uncertainty: 0.00 ft

Northing: 542208.00 ft

Easting : 861498.00 ft

Latitude: 32 29 6.649 N

Longitude: 103 9 39.638 W

Wellpath: 1

Current Datum: KB ELEVATION

Magnetic Data: 2005-06-06

Field Strength: 49468 nT

Vertical Section: Depth From (TVD)

Height 3475.00 ft

+N/-S

ft

Drilled From: Surface

Tie-on Depth: 0.00 ft

Above System Datum: Mean Sea Level

Declination: 8.13 deg

Mag Dip Angle: 60.66 deg

+E/-W

Direction

deg

0.00

0.00

0.00

171.10

Plan: Plan #1

Principal: Yes

Date Composed: 2005-06-06

Version: 1

Tied-to: From Surface

Plan Section Information

MD	Incl	Azim	TVD	+N/-S	+E/-W	DLS	Build	Turn	TFO	Target
ft	deg	deg	ft	ft	ft	deg/100ft	deg/100ft	deg/100ft	deg	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3730.00	0.00	0.00	3730.00	0.00	0.00	0.00	0.00	0.00	0.00	
3917.08	89.32	124.00	3850.00	-66.31	98.31	47.74	47.74	0.00	124.00	
4265.99	89.32	179.83	3854.51	-362.07	256.14	16.00	0.00	16.00	90.36	
5564.01	89.32	179.83	3870.00	-1660.00	260.00	0.00	0.00	0.00	0.00	#6 BHL

Section 1 : Start Hold

MD	Incl	Azim	TVD	+N/-S	+E/-W	VS	DLS	Build	Turn	TFO
ft	deg	deg	ft	ft	ft	ft	deg/100ft	deg/100ft	deg/100ft	deg
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1000.00	0.00	0.00	1000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1100.00	0.00	0.00	1100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1200.00	0.00	0.00	1200.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1300.00	0.00	0.00	1300.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1400.00	0.00	0.00	1400.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1500.00	0.00	0.00	1500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1600.00	0.00	0.00	1600.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1700.00	0.00	0.00	1700.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1800.00	0.00	0.00	1800.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00



Scientific Drilling Planning Report

ChevronTexaco

Company: ChevronTexaco
Field: Penrose Skelly
Site: Lea County, NM
Well: Leonard Harry #6
Wellpath: 1

Date: 2005-06-06 Time: 09:35:01 Page: 2
Co-ordinate(N/E) Reference: Well: Leonard Harry #6, Grid North
Vertical (TVD) Reference: KB ELEVATION 3475.0
Section (VS) Reference: Well (0.00N,0.00E,171.10Azi)
Plan: Plan #1

Section 1 : Start Hold

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
1900.00	0.00	0.00	1900.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000.00	0.00	0.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2100.00	0.00	0.00	2100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2200.00	0.00	0.00	2200.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2300.00	0.00	0.00	2300.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2400.00	0.00	0.00	2400.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2500.00	0.00	0.00	2500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2600.00	0.00	0.00	2600.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2700.00	0.00	0.00	2700.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2800.00	0.00	0.00	2800.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2900.00	0.00	0.00	2900.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3000.00	0.00	0.00	3000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3100.00	0.00	0.00	3100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3200.00	0.00	0.00	3200.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3300.00	0.00	0.00	3300.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3400.00	0.00	0.00	3400.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3500.00	0.00	0.00	3500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3600.00	0.00	0.00	3600.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3700.00	0.00	0.00	3700.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3730.00	0.00	0.00	3730.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Section 2 : Start Build 47.74

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
3740.00	4.77	124.00	3739.99	-0.23	0.35	0.28	47.74	47.74	0.00	0.00
3750.00	9.55	124.00	3749.91	-0.93	1.38	1.13	47.74	47.74	0.00	0.00
3760.00	14.32	124.00	3759.69	-2.09	3.09	2.54	47.74	47.74	0.00	0.00
3770.00	19.10	124.00	3769.26	-3.69	5.48	4.50	47.74	47.74	0.00	0.00
3780.00	23.87	124.00	3778.57	-5.74	8.51	6.99	47.74	47.74	0.00	0.00
3790.00	28.65	124.00	3787.53	-8.21	12.18	10.00	47.74	47.74	0.00	0.00
3800.00	33.42	124.00	3796.10	-11.10	16.45	13.51	47.74	47.74	0.00	0.00
3810.00	38.19	124.00	3804.21	-14.37	21.30	17.49	47.74	47.74	0.00	0.00
3820.00	42.97	124.00	3811.80	-18.00	26.69	21.92	47.74	47.74	0.00	0.00
3830.00	47.74	124.00	3818.82	-21.98	32.59	26.76	47.74	47.74	0.00	0.00
3840.00	52.52	124.00	3825.23	-26.27	38.95	31.98	47.74	47.74	0.00	0.00
3850.00	57.29	124.00	3830.98	-30.85	45.73	37.55	47.74	47.74	0.00	0.00
3860.00	62.07	124.00	3836.03	-35.67	52.88	43.42	47.74	47.74	0.00	0.00
3870.00	66.84	124.00	3840.34	-40.71	60.36	49.56	47.74	47.74	0.00	0.00
3880.00	71.61	124.00	3843.88	-45.94	68.11	55.93	47.74	47.74	0.00	0.00
3890.00	76.39	124.00	3846.64	-51.32	76.08	62.47	47.74	47.74	0.00	0.00
3900.00	81.16	124.00	3848.58	-56.80	84.21	69.15	47.74	47.74	0.00	0.00
3910.00	85.94	124.00	3849.71	-62.35	92.44	75.91	47.74	47.74	0.00	0.00
3917.08	89.32	124.00	3850.00	-66.31	98.31	80.73	47.74	47.74	0.00	0.00

Section 3 : Start DLS 16.00 TFO 90.36

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
3925.00	89.31	125.27	3850.09	-70.81	104.82	86.18	16.00	-0.10	16.00	90.36
3950.00	89.29	129.27	3850.40	-85.94	124.71	104.21	16.00	-0.09	16.00	90.35
3975.00	89.27	133.27	3850.71	-102.43	143.50	123.40	16.00	-0.08	16.00	90.30
4000.00	89.25	137.27	3851.04	-120.18	161.09	143.66	16.00	-0.06	16.00	90.25
4025.00	89.24	141.27	3851.36	-139.12	177.40	164.90	16.00	-0.05	16.00	90.20
4050.00	89.23	145.27	3851.70	-159.15	192.35	187.00	16.00	-0.03	16.00	90.15
4075.00	89.23	149.27	3852.03	-180.18	205.86	209.86	16.00	-0.02	16.00	90.09
4100.00	89.23	153.27	3852.37	-202.09	217.87	233.37	16.00	0.00	16.00	90.04
4125.00	89.23	157.27	3852.70	-224.79	228.33	257.42	16.00	0.01	16.00	89.99
4150.00	89.24	161.27	3853.04	-248.17	237.18	281.88	16.00	0.03	16.00	89.93
4175.00	89.25	165.27	3853.37	-272.10	244.37	306.64	16.00	0.04	16.00	89.88
4200.00	89.26	169.27	3853.69	-296.48	249.88	331.57	16.00	0.06	16.00	89.83
4225.00	89.28	173.27	3854.01	-321.18	253.67	356.57	16.00	0.07	16.00	89.77
4250.00	89.30	177.27	3854.32	-346.09	255.73	381.49	16.00	0.08	16.00	89.72
4265.99	89.32	179.83	3854.51	-362.07	256.14	397.35	16.00	0.10	16.00	89.67



Scientific Drilling Planning Report

ChevronTexaco

Company: ChevronTexaco Date: 2005-06-06 Time: 09:35:01 Page: 3
Field: Penrose Skelly Co-ordinate(NE) Reference: Well: Leonard Harry #6, Grid North
Site: Lea County, NM Vertical (TVD) Reference: KB-ELEVATION 3475.0
Well: Leonard Harry #6 Section (VS) Reference: Well (0.00N,0.00E,171.10Azi)
Wellpath: 1 Plan: Plan #1

Section 3 : Start DLS 16.00 TFO 90.36

MD	Incl	Azim	TVD	+N/-S	+E/-W	VS	DLS	Build	Turn	TFO

Section 4 : Start Hold

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
4300.00	89.32	179.83	3854.92	-396.08	256.24	430.96	0.00	0.00	0.00	0.00
4400.00	89.32	179.83	3856.11	-496.07	256.54	529.79	0.00	0.00	0.00	0.00
4500.00	89.32	179.83	3857.31	-596.07	256.83	628.63	0.00	0.00	0.00	0.00
4600.00	89.32	179.83	3858.50	-696.06	257.13	727.46	0.00	0.00	0.00	0.00
4700.00	89.32	179.83	3859.69	-796.05	257.43	826.30	0.00	0.00	0.00	0.00
4800.00	89.32	179.83	3860.89	-896.04	257.73	925.13	0.00	0.00	0.00	0.00
4900.00	89.32	179.83	3862.08	-996.04	258.02	1023.96	0.00	0.00	0.00	0.00
5000.00	89.32	179.83	3863.27	-1096.03	258.32	1122.80	0.00	0.00	0.00	0.00
5100.00	89.32	179.83	3864.46	-1196.02	258.62	1221.63	0.00	0.00	0.00	0.00
5200.00	89.32	179.83	3865.66	-1296.01	258.92	1320.47	0.00	0.00	0.00	0.00
5300.00	89.32	179.83	3866.85	-1396.01	259.21	1419.30	0.00	0.00	0.00	0.00
5400.00	89.32	179.83	3868.04	-1496.00	259.51	1518.14	0.00	0.00	0.00	0.00
5500.00	89.32	179.83	3869.24	-1595.99	259.81	1616.97	0.00	0.00	0.00	0.00
5564.01	89.32	179.83	3870.00	-1660.00	260.00	1680.24	0.00	0.00	0.00	0.00



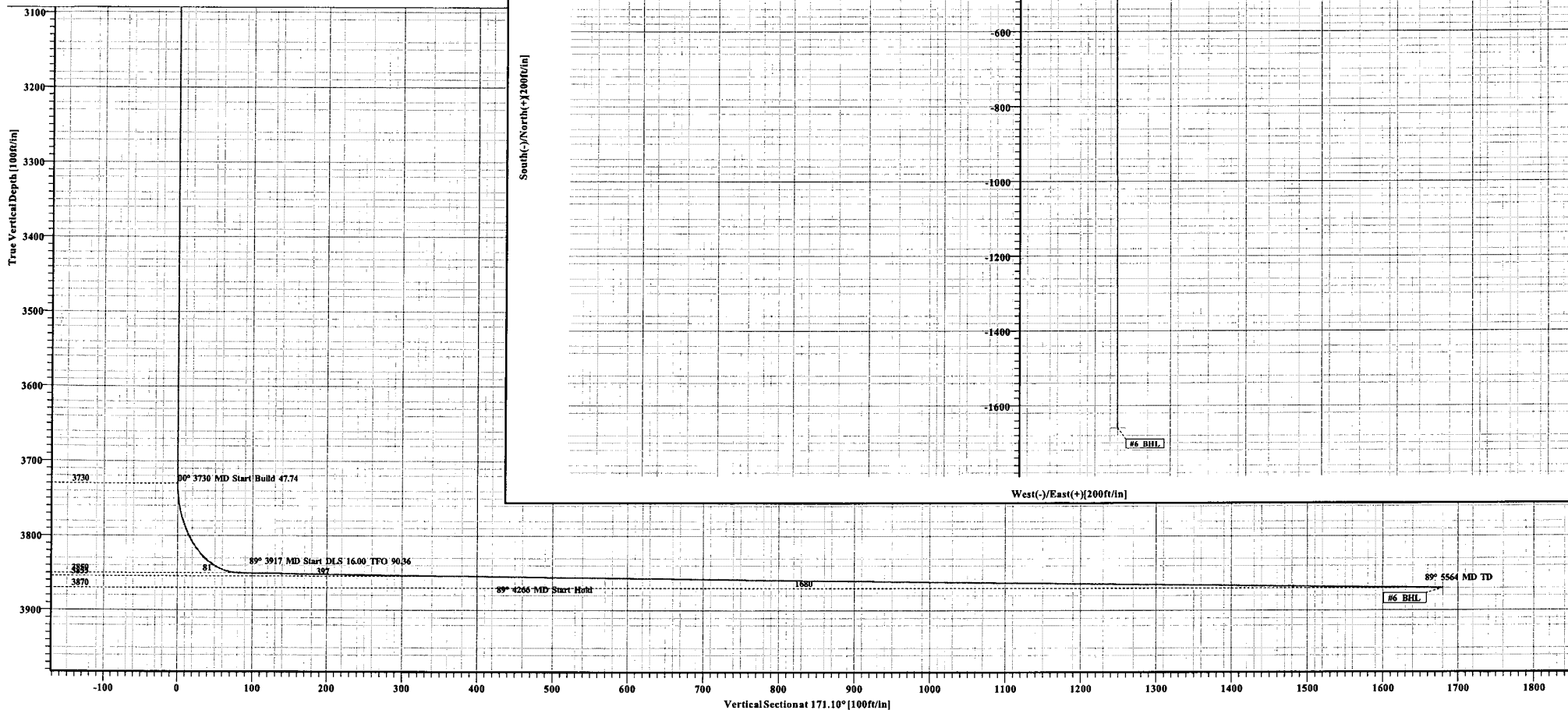
Field: Penrose Skelly
Site: Lea County, NM
Well: Leonard Harry #6
Wellpath: 1
Plan: Plan #1

ChevronTexaco

SECTION DETAILS										
Sec	MD	Inc	Adj	TVD	+N-S	+E-W	DIag	TFace	VSec	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	3730.00	0.00	0.00	3730.00	0.00	0.00	0.00	0.00	0.00	
3	3917.08	89.32	124.00	3850.00	-66.31	98.31	47.74	124.00	88.73	
4	4266.99	89.32	179.83	3854.51	-362.87	256.14	16.00	90.36	89.35	
5	5564.01	89.32	179.83	3870.00	-1660.00	260.00	0.00	0.00	1680.54	#6 BHL

WELL DETAILS							
Name	+N-S	+E-W	Northing	Easting	Latitude	Longitude	Stat
Leonard Harry #6	0.00	0.00	562208.00	861498.00	37°29'56.619N	103°09'39.610W	NCA

TARGET DETAILS				
Name	TVD	+N-S	+E-W	Shape
#6 BHL	3570.00	-1660.00	260.00	Paler



Leonard #6 Plan.txt

H HEADER INFORMATION -----
 H COMPANY : ChevronTexaco
 H FIELD : Penrose Skelly
 H SITE : Lea County, NM
 H WELL : Leonard Harry #6
 H WELLPATH: 1
 H DEPTHUNT: ft
 H SURVDATE: 2005-06-06
 H-----

H WELL INFORMATION
 H WELL EW MAP : 861498.00
 H WELL NS MAP : 542208.00
 H DATUM ELEVN : 3475.00
 H VSECT ANGLE : 171.10
 H VSECT NORTH : 0.00
 H VSECT EAST : 0.00
 H-----

H SURVEY TYPE INFORMATION
 0.00 - 5564.01 Plan #1 : MWD
 H-----

H SURVEY LIST

H MD	INC	AZI	TVD	NS	EW
0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00
700.00	0.00	0.00	700.00	0.00	0.00
800.00	0.00	0.00	800.00	0.00	0.00
900.00	0.00	0.00	900.00	0.00	0.00
1000.00	0.00	0.00	1000.00	0.00	0.00
1100.00	0.00	0.00	1100.00	0.00	0.00
1200.00	0.00	0.00	1200.00	0.00	0.00
1300.00	0.00	0.00	1300.00	0.00	0.00
1400.00	0.00	0.00	1400.00	0.00	0.00
1500.00	0.00	0.00	1500.00	0.00	0.00
1600.00	0.00	0.00	1600.00	0.00	0.00
1700.00	0.00	0.00	1700.00	0.00	0.00
1800.00	0.00	0.00	1800.00	0.00	0.00
1900.00	0.00	0.00	1900.00	0.00	0.00
2000.00	0.00	0.00	2000.00	0.00	0.00
2100.00	0.00	0.00	2100.00	0.00	0.00
2200.00	0.00	0.00	2200.00	0.00	0.00
2300.00	0.00	0.00	2300.00	0.00	0.00
2400.00	0.00	0.00	2400.00	0.00	0.00
2500.00	0.00	0.00	2500.00	0.00	0.00
2600.00	0.00	0.00	2600.00	0.00	0.00
2700.00	0.00	0.00	2700.00	0.00	0.00
2800.00	0.00	0.00	2800.00	0.00	0.00
2900.00	0.00	0.00	2900.00	0.00	0.00
3000.00	0.00	0.00	3000.00	0.00	0.00
3100.00	0.00	0.00	3100.00	0.00	0.00
3200.00	0.00	0.00	3200.00	0.00	0.00
3300.00	0.00	0.00	3300.00	0.00	0.00
3400.00	0.00	0.00	3400.00	0.00	0.00
3500.00	0.00	0.00	3500.00	0.00	0.00
3600.00	0.00	0.00	3600.00	0.00	0.00
3700.00	0.00	0.00	3700.00	0.00	0.00
3730.00	0.00	0.00	3730.00	0.00	0.00
3740.00	4.77	124.00	3739.99	-0.23	0.35
3750.00	9.55	124.00	3749.91	-0.93	1.38

Leonard #6 Plan.txt

3760.00	14.32	124.00	3759.69	-2.09	3.09
3770.00	19.10	124.00	3769.26	-3.69	5.48
3780.00	23.87	124.00	3778.57	-5.74	8.51
3790.00	28.65	124.00	3787.53	-8.21	12.18
3800.00	33.42	124.00	3796.10	-11.10	16.45
3810.00	38.19	124.00	3804.21	-14.37	21.30
3820.00	42.97	124.00	3811.80	-18.00	26.69
3830.00	47.74	124.00	3818.82	-21.98	32.59
3840.00	52.52	124.00	3825.23	-26.27	38.95
3850.00	57.29	124.00	3830.98	-30.85	45.73
3860.00	62.07	124.00	3836.03	-35.67	52.88
3870.00	66.84	124.00	3840.34	-40.71	60.36
3880.00	71.61	124.00	3843.88	-45.94	68.11
3890.00	76.39	124.00	3846.64	-51.32	76.08
3900.00	81.16	124.00	3848.58	-56.80	84.21
3910.00	85.94	124.00	3849.71	-62.35	92.44
3917.08	89.32	124.00	3850.00	-66.31	98.31
3925.00	89.31	125.27	3850.09	-70.81	104.82
3950.00	89.29	129.27	3850.40	-85.94	124.71
3975.00	89.27	133.27	3850.71	-102.43	143.50
4000.00	89.25	137.27	3851.04	-120.18	161.09
4025.00	89.24	141.27	3851.36	-139.12	177.40
4050.00	89.23	145.27	3851.70	-159.15	192.35
4075.00	89.23	149.27	3852.03	-180.18	205.86
4100.00	89.23	153.27	3852.37	-202.09	217.87
4125.00	89.23	157.27	3852.70	-224.79	228.33
4150.00	89.24	161.27	3853.04	-248.17	237.18
4175.00	89.25	165.27	3853.37	-272.10	244.37
4200.00	89.26	169.27	3853.69	-296.48	249.88
4225.00	89.28	173.27	3854.01	-321.18	253.67
4250.00	89.30	177.27	3854.32	-346.09	255.73
4265.99	89.32	179.83	3854.51	-362.07	256.14
4300.00	89.32	179.83	3854.92	-396.08	256.24
4400.00	89.32	179.83	3856.11	-496.07	256.54
4500.00	89.32	179.83	3857.31	-596.07	256.83
4600.00	89.32	179.83	3858.50	-696.06	257.13
4700.00	89.32	179.83	3859.69	-796.05	257.43
4800.00	89.32	179.83	3860.89	-896.04	257.73
4900.00	89.32	179.83	3862.08	-996.04	258.02
5000.00	89.32	179.83	3863.27	-1096.03	258.32
5100.00	89.32	179.83	3864.46	-1196.02	258.62
5200.00	89.32	179.83	3865.66	-1296.01	258.92
5300.00	89.32	179.83	3866.85	-1396.01	259.21
5400.00	89.32	179.83	3868.04	-1496.00	259.51
5500.00	89.32	179.83	3869.24	-1595.99	259.81
5564.01	89.32	179.83	3870.00	-1660.00	260.00

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Avenue, 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 & Natural Resources Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

Form C-102

Revised June 10, 2003

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-25198	² Pool Code 50350	³ Pool Name PENROSE SKELLY GRAYBURG
⁴ Property Code 2669	⁵ Property Name HARRY LEONARD NCT-E	⁶ Well Number 6
⁷ OGRID No. 4323	⁸ Operator Name CHEVRON U.S.A. INC.	⁹ Elevation 3475'

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
A	16	21-S	37-E		330'	NORTH	600'	EAST	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
H	16	21-S	37-E		1980'	NORTH	340'	EAST	LEA

¹² Dedicated Acres 80	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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. <i>Denise Pinkerton</i> Signature DENISE PINKERTON Printed Name REGULATORY SPECIALIST LEAKEID@CHEVRONTXACO.COM Title and E-mail Address 6-07-2005 Date
	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 Surveyor: Certificate Number		

District I
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District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Form C-144
June 1, 2004

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

For drilling and production facilities, submit to appropriate NMOCD District Office.
For downstream facilities, submit to Santa Fe office

Pit or Below-Grade Tank Registration or Closure

Is pit or below-grade tank covered by a "general plan"? Yes ☐ No ☒

Type of action: Registration of a pit or below-grade tank ☒ Closure of a pit or below-grade tank ☐

Operator: Chevron U.S.A. Inc. Telephone: 432-687-7375 E-Mail address: leakejd@chevrontexaco.com		
Address: 15 Smith Road, Odessa, TX 79705		
Facility or well name: Harry Leonard NCT-E #6 API #: 30-025-251478 U/L or Qtr/Qtr A Sec 16 T 21-S R 37-E HORIZONTAL H-16-21S-37E		
County: Lea Latitude _____ Longitude _____ NAD: 1927 ☐ 1983 ☐		
Surface Owner: State		
Pit Type: Drilling HORIZONTAL Lined Liner type: Synthetic ☐ Thickness 20 mil Clay ☐ Pit Volume 1965 bbl	Below-grade tank Volume: _____ bbl Type of fluid: _____ Construction material: _____ Double-walled, with leak detection? Yes ☐ If not, explain why not. _____	
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)	50 feet or more, but less than 100 feet	(10 points)
Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)	No	(0 points)
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	1000 feet or more	(0 points)
Ranking Score (Total Points)		10 points

If this is a pit closure: (1) Attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location: (check the onsite box if you are burying in place) onsite ☐ offsite ☐ If offsite, name of facility _____. (3) Attach a general description of remedial action taken including remediation start date and end date. (4) Groundwater encountered: No ☐ Yes ☐ If yes, show depth below ground surface _____ ft. and attach sample results. (5) Attach soil sample results and a diagram of sample locations and excavations.

Additional Comments:

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that the above-described pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☒, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Date: 6-07-2005

Printed Name/Title Mark Garza Drilling Engineer

Signature



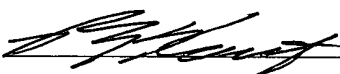
Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.

Approval:

PETROLEUM ENGINEER

Printed Name/Title

Signature



Date:

JUN 09 2005

JAN 25

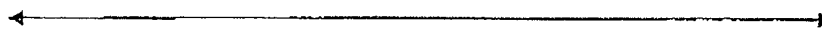
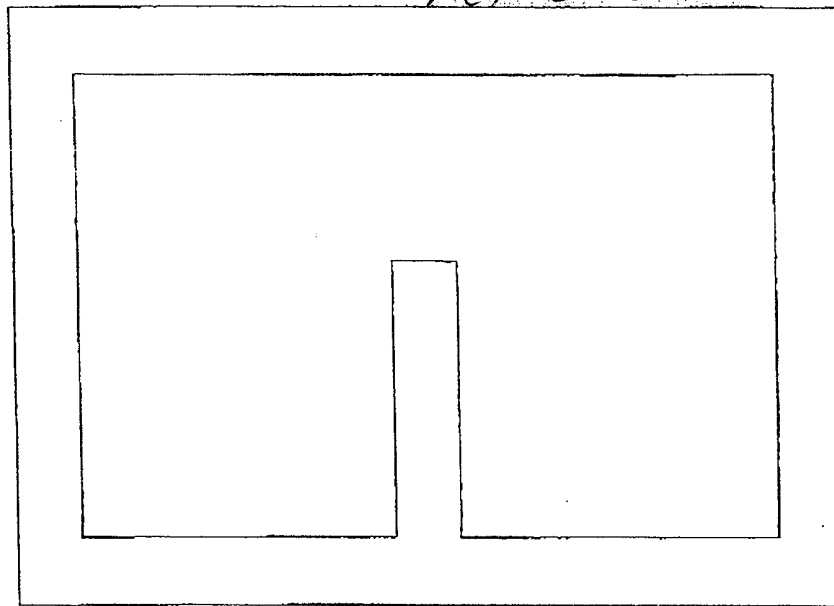
10:06AM CHEVRON MIDLAND

P.5/5

Key #117 Pit Design

Navy Leonard
NCT-E #6

Horizontal



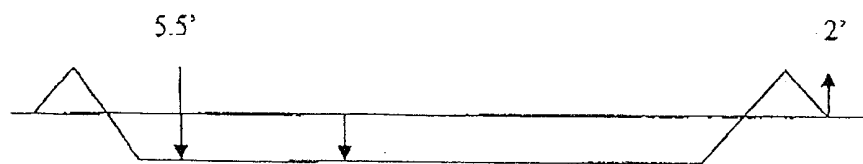
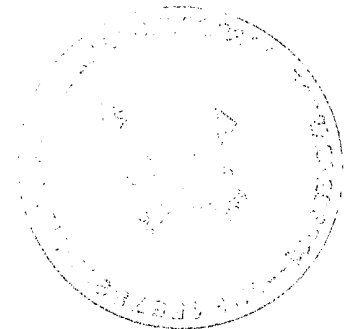
60'

60'

45'



Wellbore



GL

3.5'

5.5'

2'