

RECEIVED

DISTRICT I

P O Box 1980, Hobbs, NM 88240

DISTRICT II

P O Box Drawer D, Artesia, NM 88203

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

HOBBS OCD

WELL API NO 30-025-38332	
5 Indicate Type of Lease	STATE ☐ FEE ☒
6 State Oil / Gas Lease No	
7 Lease Name or Unit Agreement Name V.M. HENDERSON	
8 Well No 24	
9 Pool Name or Wildcat PENROSE SKELLY GRAYBURG	

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMI (FORM C-101) FOR SUCH PROPOSALS.	
1 Type of Well	OIL WELL ☒ GAS WELL ☐ OTHER ☐
2 Name of Operator CHEVRON USA INC	
3 Address of Operator 15 SMITH RD, MIDLAND, TX 79705	
4 Well Location Unit Letter <u>H</u> : <u>2300</u> Feet From The <u>NORTH</u> Line and <u>370</u> Feet From The <u>EAST</u> Line Section <u>30</u> Township <u>21-S</u> Range <u>37-E</u> NMPM <u>LEA</u> COUNTY	
10 Elevation (Show whether DF, RKB, RT, GR, etc) <u>3483'</u>	

11

Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐
OTHER ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPERATION ☐ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☐
OTHER ☒ NEW WELL

12 Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

4-05-07 MIRU 4-06-07 DRILL 4'-73, 282, 481. RUN 9 5/8" 36# J-55 CSG PUMP 20 BFW SPACER. MIX & PUMP 380 SX CL C @ 14 8 PPG, 6 3 H2O, 1.34 YIELD DISPL W/31 BFW BUMP PLUG TO 1000#. FLOATS HELD. CIRC 40 BBLS TO SURF. (170 SX) WOC.
4-07-07: DRILL 481-998, 1477, 1572, 1924, 2243, 2403, 2787, 3052, 3234, 3330, 3585, 3664, 3720, 3747, 3769, 3961, 4065, 4181, 4300.
4-12-07: LOG WELL FR 4300-481' RAN 102 JTS 7" 23# K-55, STC CSG TO 4289 SET 11' HIGHER THAN PLANNED. FLOAT COLLAR @ 4243 TOP OF 20' FLAG JT (#58) @ 1830. WASH DN LAST 2 JTS. CIRC. PUMP 112 GALS CF H2O AHEAD, 112 CF CW100, 112 CF H2O, 800 SX LEAD CMT OF 35 65 POZ CL C, 6% D020 GEL, 5% D044, 0 5% D112, 0 125 PPG D130 CELLOFLAKE, 12.8 PPG DENSITY, 1 93 CFS YIELD, 460 SX TAIL CMT OF 50.50 POZ CL C, 2% D020 GEL, 2% M112, 0 2% D167, 14 2 PPG DENSITY, 1 34 CFS YIELD. DISPL W/940 CF H2O, CIRC. BUMP PLUG TO 1366#. FLOAT HEAD. CIRC 33 BBLS (86 SX) CMT TO SURF REL RIG @ 1900 HRS WAIT ON COMPLETION 5-15-07: RUN GR/CCL/CBL 4246-TOC @ 200'. SET CIBP TOP @ 3669' 6-06-07: MIRU BAKER ATLAS. TIH & SET CIBP @ 3652 7-19-07 MOVE RIG ONTO LOCATION & RU. 7-20-07: TIH W/TAG MILLS. TAG @ 3551. MILL WINDOW 3636-3639, 3647, 3663, 3677, 3695, 3789, 3914, 3931, 3955, 4046, 4077, 4157, 4169, 4235, 4247, 4315, 4321, 4361, 4373, 4456, 4464, 4550, 4556, 4636, 4694, 4708, 4718, 4771, 4785, 4851, 4857, 4897, 4912, 5055, 5066, 5292, 5302, 5354, 5367, 5386, 5394, 5529, 5535, 5607, 5612, 5707 (TD) 7-27-07: TIH W/FLOAT SHOE, 2 JTS 4 5" LL 6# L-80 LINER, FLOAT COLLAR BALL CATCHER, 41 JTS 4 5" LINER MIX & PUMP 250 SX CL 3% D167, 3% D065, 2% D174, 2% D046, 14.8 PPG, 1 32 FT3/SX DROP WIPER PLUG. DISPL 27 BFW. LATCH LINER WIPER PLUG & SHEAR @ 1200PSI. DISPL 30 BFW DID NOT LAND PLUGS. FLOATS DID NOT HOLD. SET LINER PKR REV 2 ANNULAR CAPACITY. NO CMT SPOT 10 BBLS SUGAR WTR SET BACK DN ON PKR W/25K WELL STARTED CIRC WTR AFTER PUMPING 18.5 BBLS TIH W/RBP & SET @ 3000' 7-28-07. RIG DOWN REL RIG @ 0500 HRS. 9-19-07: MIRU REL RBP 9-20-07: TIH W/4 1/2" FRAC TBG. 9-21-07 TIH W/2 3/8" TBG & TAG CMT @ 5360 9-24-07 DRILL CMT DN TO 5424. 9-25-07: DRILL ON CMT @ 5424. DRILL FC @ 5583 9-26-07 C/O CMT TO 5707. 9-27-07: MILL @ 3757 SPOT 22 BBLS ACID OVER OPEN HOLE. 9-28-07: PMP DN CC/GR/CBL TO 5600. LOG FR 5600-3400. 10-03-07: FRAC W/4000 GALS 2% KCL WTR, & 108 BBLS YF125 PAD. 10-04-07: TIH W/TBG TAG SAND @ 5670. DRILL OUT SAND 5668-5707 10-05-07 PERF 5649-5689. SPOT 1000 GALS ACID ACR NEW PERFS FRAC W/2000 GALS 2% WTR, & 22,000 GALS YF125 PAD. FIRE TCP GUN @ 5220-60. 10-06-07: PMP 4000 GALS 15% ACID DN CSG. PUMP 14,000 GALS YF125 10-08-07. TAG SAND @ 3110. STACK OUT ON SAND. FELL THRU. TIH TO 5000 SET BP @ 2658 10-09-07: SET PLUG @ 4846 TIH TO 4815. SHOT GUNS W/4785-4815 10/10/07. LAND TBG @ 4840 SPOT 1000 GALS ACID TO BTM OF TBG.

I hereby certify that the information above is true and complete to the best of my knowledge and belief

SIGNATURE Denise Pinkerton TITLE Regulatory Specialist

DATE 12/12/2007

TYPE OR PRINT NAME Denise Pinkerton

Telephone No 432-687-7375

(This space for State Use)

APPROVED Chris Williams TITLE OC DISTRICT SUPERVISOR/GENERAL MANAGER

DATE

JAN 11 2008

CONTINUATION OF V.M. HENDERSON #24

10-10-07: SPOT 1000 GALS ACID TO BTM OF TBG. TIH W/PKR & SET @ 3590.

10-11-07: TBG ON VAC. RU SWAB. REL PKR.

10-15-07: FRAC W/4000 GALS 2% WTR, W/110 GALS SCALE INHIBITOR, 1000 GALS 2% KCL WTR SPACER, & 8000GALS YF125 PAD.

10-16-07: TIH W/BIT & TAG @ 4810.

10-17-07: TIH W/WS TO 4846. SPOT 500 GALS ACID & PUMP 14 BBLS TO PUT ACID ON SPOT. FRAC W/1500 GALS ACID.

10-18-07: C/O TO 5617.

10-19-07: C/O @ 5616-5717.

10-22-07: TIH W/7 GUNS W/10' SECTIONS, 40 HOLES EACH W/4 SPF 120 & 90 DEG @ 4911, 5029, 5147, 5266, 5353, 5441, 5530, BUMP PLUG.

10-23-07: TIH W/BIT TO 5650. SPOT 1000 GALS ACID. PMP 4000 GALS ACID.

10-25-07: FRAC W/132,700 GALS YF125ST.

10-26-07: TIH W/BIT TO 4750. TIH W/PLUG TO 4699.

10-29-07: PERF 3931-41, 4049-58, 4164-74, 4283-92, 4371-81, 4457-67, 4544-54, 4632-42.

10-30-07: TIH W/TBG. SPOT 24 BBLS ACID. PMP 4000 GALS ACID.

10-31-07: FRAC W/103,000 GALS YF125 & 45,000 GALS YF124.

11-01-07: TIH W/BIT & TAG SAND @ 4310. C/O SAND & FELL OUT OF SAND @ 4640. ON VAC. PUMP SCALE SQUEEZE. TAG COMPOSITE RBP & DRILL THRU BP. TAG SAND @ 5460.

11-02-07: TIH W/COLLAR TO ABOVE WINDOW.

11-05-07: TIH W/TBG TO 5697. RIH W/PRIZM LOG, GR, CCL. TAG @ 5697. RUN PRIZM TO 3450. TIH W/PKR TO 3497. SET. SWAB.

11-07-07: REL PKR. TIH W/2 3/8" TBG. TAG @ 5707. NO FILL.

11-08-07: TIH W/2 7/8" TBG. TAG @ 3658. FISH FOR WS FR 3649-3658. WS SET @ 3649. SET DN @ 3656.

11-09-07: TIH W/TBG & TAG WS @ 3646. FISH FOR WHIPSTOCK.

11-12-07: TIH & TAG CIBP @ 3652. DRILL OUT CIBP. PUSH CIBP TO NEXT CIBP @ 3669.

11-13-07: TAG CIBP & START DRILLING. PUSH CIBP TO 3652 IN VERTICAL HOLE.

11-14-07: PUT SUB PUMP TOGETHER.

11-15-07: TIH W/2 7/8" TBG. INSTALL QUICK CONNECT. FINAL REPORT. W/O COMPLETION TEST.

11-29-07: ON 24 HR OPT. PUMPING 73 OIL, 755 GAS, & 690 WATER. GOR-10342

Well **V.M. Henderson # 24H**

Field **Penrose Skelly**

Reservoir **Grayburg**

Location:

2300' FNL & 370' FEL
Section 30
Township 21S
Range 37E
County Lea State NM

Elevations:

GL 3483'
KB 3495'
DF 3494'

**Proposed
Wellbore Diagram**

Well ID Info:

Chevno JT5600
API No 30-025-38332
L5/L6 UCU493800
Spud Date 4/6/2007
Compl Date

Surf. Csg: 9 5/8", 36#, J-55
Set: @ 481' w/ 380 sks
Hole Size: 12 1/4"
Circ: Yes TOC: Surface
TOC By: Circulated

Tubing Detail:

#Jts	Size	Footage
	KB Correction	12 00
122	Jts 2 7/8" J-55 EUE 8R Tbg	3782 00
	2 7/8" x 6" Tbg Sub	6 00
	Drain Valve	0 55
	2 7/8" x 2 3/8" X-Over	0 60
	Centrlift Sub Pump (shrouded)	35 41
122	Bottom Of Mtr >>	3836.56

This wellbore diagram is based on the most recent information regarding wellbore configuration and equipment that could be found in the Midland Office well files and computer databases as of the update date below. Verify what is in the hole with the well file in the Eunice Field Office. Discuss w/ WEO Engineer, WO Rep, OS, ALS, & FS prior to rigging up on well regarding any hazards or unknown issues pertaining to the well.

Perfs: Status:
None

Perfs: 3930-40' 4545-55' 5269-79'
4048-58' 4632-42' 5356-66'
4166-76' 4785-4815 5443-53'
4284-94' 4915-25' 5530-40'
4371-81' 5033-43' 5620-60'
4458-68' 5151-61' 5669-5707' (OH)

TOW 3636'
BOW 3647'

4-1/2" Liner

Openhole Anchor @ 3757'

Openhole Pkr @ 3655'

On/off Tool @ 3649'

6-1/8" Open Hole
5669-5707'

PBTD 5707'
TMD 5707'

COTD: 4246'
PBTD: 4246'
TD: 4300'

Updated: 10/29/2007

By: MAHO

Prod. Csg: 7", 23#, K-55
Set: @ 4289' w/ 1260 sks
Hole Size: 8 3/4"
Circ: Yes TOC: Surface

TOC By: Circulated

Results of Directional Survey

API number:	30-025-38332		
OGRID:		Operator:	CHEVRON U S A INC
		Property:	V M HENDERSON # 24

surface	ULSTR:	H	30	T	21S	R	37E
			2300	FNL	370	FEL	

BH Loc	ULSTR:	H	30	T	21S	R	37E
			342	FNL	377	FEL	

	MD	N/S	E/W	VD
	3929	182.23	41.54	3843.49
TOP PERFS/OH	3930	183.22	41.49	3843.63
	3961	213.85	40.02	3848.09
	5654	1904.72	-5.50	3885.13
BOT PERFS/OH	5707	1957.66	-6.72	3887.37
	5707	1957.66	-6.72	3887.37

NEXT TO LAST	5654	1904.72	-5.50	3885.13
LAST READING	5707	1957.66	-6.72	3887.37
TD	5707	1957.66	-6.72	3887.37

Surface Location	2300	FN	370	FE
Projected BHL	342	FN	377	FE
Location of				
Top Perfs/OH	2117	FN	329	FE
Bottom Perfs/OH	342	FN	377	FE

SUMMARY of Subsurface Locations

Surface Location	H-30-21S-37E	2300	FN	370	FE	Vert. Depth
Top Perfs/OH	H-30-21S-37E	2117	FN	329	FE	3843.63
Bottom Perfs/OH	H-30-21S-37E	342	FN	377	FE	3887.37
Projected TD	H-30-21S-37E	342	FN	377	FE	3887.37

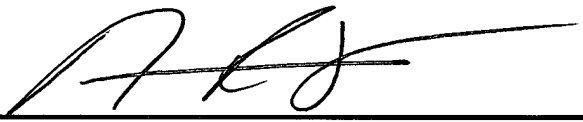
R

Chevron North American Exploration
15 Smith Road
Midland, TX 79705

V M Henderson # 24H
Lea County, New Mexico

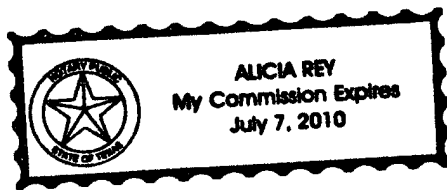
SUR: H-30-215-37e, 2300N & 370E
BHL: A-30-215-37e, 342N & 377E
API # 30.025-38332

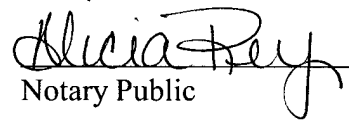
251	2.51	1/4	0.44	1.10	1.10
481	2.30	3/4	1.31	3.02	4.12
967	4.86	1/4	0.44	2.13	6.24
1445	4.78	1/4	0.44	2.09	8.33
1892	4.47	1/4	0.44	1.96	10.29
2371	4.79	1 1/2	2.63	12.57	22.86
2755	3.84	1	1.75	6.72	29.58
3202	4.47	1/2	0.88	3.91	33.50
3681	4.79	1	1.75	8.38	41.88
4121	4.40	1	1.75	7.70	49.58
4300	1.79	1	1.75	3.13	52.71



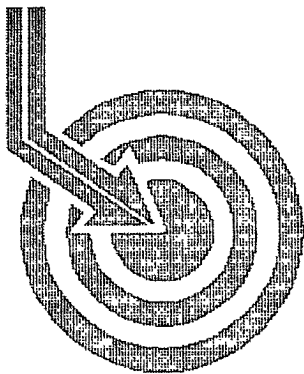
Archie Brown - General Manager

The attached instrument was acknowledged before me on the 18th day of April, 2007 by Archie Brown - General Manager, CapStar Drilling, L.P.





Alicia Rey
Notary Public



Scientific Drilling

SUR: H-30-21s-37e,
2300/N & 370/E

BHL: A-30-21s-37e
342/N & 377/E

CHEVRON

API# 30-025-38332

Field: VM Henderson
Site: Lea County, NM
Well: VM Henderson #24H
Wellpath: DH - Job #32D0707614
Survey: 07/20/07-07/26/07

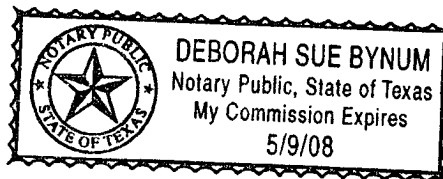
This survey is correct to the best of my knowledge
and is supported by actual field data.

Deborah S. Bynum.....Company Representative

Notorized this date 13th of August, 2007.

Deborah Sue Bynum
Notary Signature

County of Midland
State of Texas





Scientific Drilling International Survey Report

Company: CHEVRON	Date: 08/11/2007	Time: 10:34:58	Page: 1
Field: VM Henderson	Co-ordinate(NE) Reference:	Site: Lea County, NM, Grid North	
Site: Lea County, NM	Vertical (TVD) Reference:	SITE: 0.0	
Well: VM Henderson #24H	Section (VS) Reference:	Well (0.00N,0.00E,359.83Azi)	
Wellpath: VH - Job #32K0707617	Survey Calculation Method:	Minimum Curvature	
		Db:	Sybase

Survey: 07/20/07	Start Date: 07/20/2007
KSRG 0°-3597'	
Company: Scientific Drilling Internatio	Engineer: Rehders/Foster w/GeoGyro
Tool: Keeper;Keeper Gyro	Tied-to: From Surface

Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
0.00	0.00	359.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.35	89.29	100.00	0.00	0.00	0.31	0.35	0.31	89.29
200.00	0.37	114.62	200.00	-0.13	-0.13	0.90	0.16	0.91	97.99
300.00	0.35	133.45	300.00	-0.48	-0.47	1.42	0.12	1.50	108.37
400.00	0.49	100.66	399.99	-0.77	-0.76	2.06	0.27	2.20	110.25
500.00	0.57	106.34	499.99	-0.99	-0.98	2.96	0.10	3.12	108.32
600.00	0.52	110.03	599.98	-1.29	-1.28	3.86	0.06	4.07	108.27
700.00	0.49	106.02	699.98	-1.56	-1.55	4.70	0.05	4.95	108.23
800.00	0.50	119.86	799.98	-1.90	-1.88	5.49	0.12	5.80	108.94
900.00	0.49	128.56	899.97	-2.39	-2.37	6.20	0.08	6.64	110.89
1000.00	0.43	131.31	999.97	-2.90	-2.88	6.82	0.06	7.40	112.91
1100.00	0.43	130.54	1099.97	-3.40	-3.37	7.39	0.01	8.12	114.55
1200.00	0.38	147.07	1199.96	-3.92	-3.90	7.85	0.13	8.76	116.39
1300.00	0.25	139.98	1299.96	-4.37	-4.34	8.17	0.14	9.25	117.98
1400.00	0.19	143.55	1399.96	-4.67	-4.64	8.41	0.06	9.61	118.89
1500.00	0.23	194.88	1499.96	-4.99	-4.97	8.46	0.19	9.81	120.44
1600.00	0.21	188.09	1599.96	-5.37	-5.34	8.38	0.03	9.94	122.53
1700.00	0.22	133.21	1699.96	-5.68	-5.66	8.49	0.20	10.21	123.66
1800.00	0.20	54.64	1799.96	-5.71	-5.69	8.78	0.27	10.46	122.95
1900.00	0.29	59.59	1899.96	-5.49	-5.46	9.14	0.09	10.64	120.85
2000.00	0.82	56.81	1999.95	-4.97	-4.94	9.95	0.53	11.11	116.39
2100.00	1.22	64.02	2099.94	-4.11	-4.08	11.51	0.42	12.21	109.52
2200.00	1.41	58.40	2199.91	-3.01	-2.97	13.51	0.23	13.84	102.39
2300.00	1.53	57.68	2299.88	-1.66	-1.61	15.69	0.12	15.77	95.86
2400.00	1.69	62.05	2399.84	-0.26	-0.21	18.12	0.20	18.12	90.65
2500.00	1.70	55.17	2499.80	1.27	1.33	20.64	0.20	20.68	86.31
2600.00	1.60	59.28	2599.75	2.82	2.89	23.06	0.15	23.24	82.85
2700.00	1.32	68.16	2699.72	3.96	4.03	25.33	0.36	25.65	80.95
2800.00	1.11	67.63	2799.70	4.75	4.83	27.29	0.21	27.72	79.96
2900.00	0.91	78.80	2899.68	5.27	5.35	28.97	0.28	29.46	79.53
3000.00	0.84	67.23	2999.67	5.70	5.79	30.42	0.19	30.97	79.22
3100.00	0.81	68.93	3099.66	6.24	6.33	31.76	0.04	32.38	78.73
3200.00	0.66	68.78	3199.65	6.69	6.79	32.96	0.15	33.65	78.35
3300.00	0.87	70.96	3299.64	7.15	7.25	34.21	0.21	34.97	78.04
3400.00	0.77	67.45	3399.63	7.65	7.75	35.55	0.11	36.38	77.69
3500.00	0.82	55.08	3499.62	8.31	8.42	36.76	0.18	37.71	77.10
3597.00	0.85	55.39	3596.61	9.11	9.23	37.92	0.03	39.02	76.32



Scientific Drilling International Survey Report

Company: CHEVRON	Date: 08/11/2007	Time: 10:39:27	Page: 1
Field: VM Henderson	Co-ordinate(NE) Reference:	Site: Lea County, NM, Grid North	
Site: Lea County, NM	Vertical (TVD) Reference:	SITE 0.0	
Well: VM Henderson #24H	Section (VS) Reference:	Well (0.00N,0.00E,359.83Azi)	
Wellpath: DH - Job #32D0707614	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Survey: 07/20/07-07/26/07	Start Date: 07/20/2007
MWD 3636'-5654' w/projection @ 5707'	
Company: Scientific Drilling Internatio	Engineer: Melendez/Foster/Graham
Tool: MWD;MWD	Tied-to: From: Definitive Path

Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
3597.00	0.85	55.39	3596.61	9.11	9.23	37.92	0.00	39.02	76.32
3636.00	0.85	55.39	3635.61	9.44	9.56	38.39	0.00	39.56	76.02
3681.00	12.28	6.49	3680.25	14.40	14.52	39.21	26.09	41.81	69.68
3712.00	20.93	6.70	3709.93	23.19	23.31	40.23	27.90	46.50	59.91
3743.00	29.32	5.56	3737.97	36.26	36.39	41.62	27.11	55.28	48.84
3775.00	37.64	2.56	3764.64	53.85	53.98	42.81	26.50	68.90	38.42
3807.00	46.28	0.53	3788.41	75.21	75.34	43.36	27.33	86.93	29.92
3839.00	54.61	359.87	3808.77	99.86	99.99	43.44	26.08	109.02	23.48
3870.00	63.19	359.27	3824.77	126.38	126.51	43.23	27.73	133.69	18.87
3898.00	71.13	358.35	3835.63	152.16	152.29	42.69	28.52	158.16	15.66
3929.00	79.46	357.27	3843.49	182.10	182.23	41.54	27.08	186.90	12.84
3961.00	84.00	357.25	3848.09	213.73	213.85	40.02	14.19	217.56	10.60
3993.00	83.97	356.21	3851.45	245.51	245.62	38.21	3.23	248.57	8.84
4024.00	83.87	355.77	3854.73	276.26	276.37	36.05	1.45	278.71	7.43
4055.00	85.29	356.09	3857.66	307.05	307.15	33.86	4.69	309.01	6.29
4087.00	88.75	357.15	3859.32	338.95	339.05	31.98	11.31	340.55	5.39
4119.00	88.82	356.97	3860.00	370.91	371.00	30.34	0.60	372.24	4.68
4151.00	88.59	356.42	3860.72	402.85	402.94	28.50	1.86	403.94	4.05
4182.00	87.92	358.71	3861.67	433.81	433.89	27.18	7.69	434.74	3.58
4214.00	88.01	358.35	3862.81	465.78	465.86	26.36	1.16	466.61	3.24
4245.00	89.70	358.34	3863.42	496.77	496.84	25.46	5.45	497.49	2.93
4277.00	90.94	358.44	3863.25	528.75	528.83	24.56	3.89	529.40	2.66
4308.00	91.41	358.87	3862.61	559.74	559.81	23.84	2.05	560.32	2.44
4340.00	91.75	359.87	3861.73	591.73	591.80	23.48	3.30	592.27	2.27
4371.00	89.83	359.79	3861.30	622.72	622.79	23.39	6.20	623.23	2.15
4403.00	89.16	359.69	3861.58	654.72	654.79	23.25	2.12	655.21	2.03
4434.00	88.79	359.95	3862.14	685.72	685.79	23.15	1.46	686.18	1.93
4466.00	87.51	359.05	3863.17	717.70	717.77	22.87	4.89	718.13	1.83
4497.00	87.54	358.88	3864.51	748.67	748.73	22.31	0.56	749.07	1.71
4529.00	86.61	358.34	3866.14	780.62	780.68	21.54	3.36	780.98	1.58
4560.00	87.68	358.07	3867.69	811.56	811.63	20.57	3.56	811.89	1.45
4592.00	87.37	357.72	3869.07	843.52	843.58	19.39	1.46	843.80	1.32
4623.00	87.24	357.11	3870.53	874.45	874.51	18.00	2.01	874.70	1.18
4655.00	88.75	357.30	3871.64	906.40	906.45	16.44	4.76	906.60	1.04
4687.00	89.23	356.87	3872.21	938.36	938.41	14.81	2.01	938.52	0.90
4718.00	90.20	357.34	3872.36	969.32	969.37	13.24	3.48	969.46	0.78
4750.00	90.94	358.00	3872.04	1001.30	1001.34	11.94	3.10	1001.41	0.68
4781.00	91.04	359.70	3871.51	1032.29	1032.33	11.32	5.49	1032.39	0.63
4813.00	91.28	0.52	3870.86	1064.28	1064.32	11.38	2.67	1064.38	0.61
4844.00	92.02	0.94	3869.97	1095.26	1095.30	11.78	2.74	1095.37	0.62
4876.00	91.11	359.96	3869.09	1127.25	1127.29	12.03	4.18	1127.35	0.61
4907.00	87.95	359.37	3869.35	1158.24	1158.28	11.85	10.37	1158.34	0.59
4939.00	87.34	358.86	3870.66	1190.21	1190.25	11.35	2.48	1190.31	0.55
4970.00	87.28	359.54	3872.12	1221.18	1221.22	10.92	2.20	1221.26	0.51
5002.00	86.74	359.40	3873.79	1253.13	1253.17	10.63	1.74	1253.22	0.49
5034.00	86.84	359.27	3875.58	1285.08	1285.12	10.25	0.51	1285.16	0.46
5065.00	87.79	358.85	3877.03	1316.04	1316.08	9.75	3.35	1316.12	0.42
5097.00	88.89	358.03	3877.96	1348.02	1348.05	8.88	4.29	1348.08	0.38
5129.00	88.89	357.50	3878.58	1379.99	1380.02	7.63	1.66	1380.04	0.32



Scientific Drilling International Survey Report

Company: CHEVRON Date: 08/11/2007 Time: 10:39:27 Page: 2
Field: VM Henderson Co-ordinate(NE) Reference: Site: Lea County, NM; Grid North
Site: Lea County, NM Vertical (TVD) Reference: SITE 0.0
Well: VM Henderson #24H Section (VS) Reference: Well (0.00N,0.00E,359.83Azi)
Wellpath: DH- Job #32D0707614 Survey Calculation Method: Minimum Curvature Db: Sybase

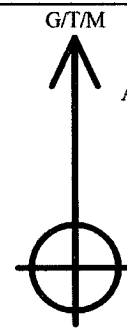
Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
5160.00	88.66	357.90	3879.24	1410.97	1410.99	6.38	1.49	1411.01	0.26
5192.00	88.72	357.54	3879.97	1442.94	1442.96	5.11	1.14	1442.97	0.20
5224.00	89.33	357.20	3880.52	1474.90	1474.92	3.64	2.18	1474.92	0.14
5255.00	89.29	357.12	3880.89	1505.87	1505.88	2.11	0.29	1505.88	0.08
5287.00	89.36	357.15	3881.27	1537.83	1537.84	0.51	0.24	1537.84	0.02
5318.00	90.07	358.41	3881.42	1568.81	1568.81	-0.69	4.67	1568.81	359.97
5350.00	89.53	358.46	3881.53	1600.80	1600.80	-1.57	1.69	1600.80	359.94
5381.00	89.83	358.42	3881.71	1631.79	1631.79	-2.41	0.98	1631.79	359.92
5413.00	88.93	359.96	3882.05	1663.78	1663.78	-2.86	5.57	1663.78	359.90
5445.00	89.66	359.60	3882.45	1695.78	1695.78	-2.99	2.54	1695.78	359.90
5476.00	89.83	359.85	3882.59	1726.78	1726.78	-3.13	0.98	1726.78	359.90
5508.00	90.30	359.74	3882.55	1758.78	1758.78	-3.25	1.51	1758.78	359.89
5539.00	89.63	359.63	3882.57	1789.78	1789.78	-3.42	2.19	1789.78	359.89
5571.00	89.23	359.12	3882.89	1821.78	1821.77	-3.77	2.03	1821.78	359.88
5603.00	88.76	358.82	3883.45	1853.77	1853.76	-4.34	1.74	1853.77	359.87
5634.00	87.92	358.65	3884.35	1884.75	1884.74	-5.03	2.76	1884.75	359.85
5654.00	87.58	358.67	3885.13	1904.73	1904.72	-5.50	1.70	1904.73	359.83
5707.00	87.58	358.67	3887.37	1957.67	1957.66	-6.72	0.00	1957.67	359.80



**Scientific
Drilling**

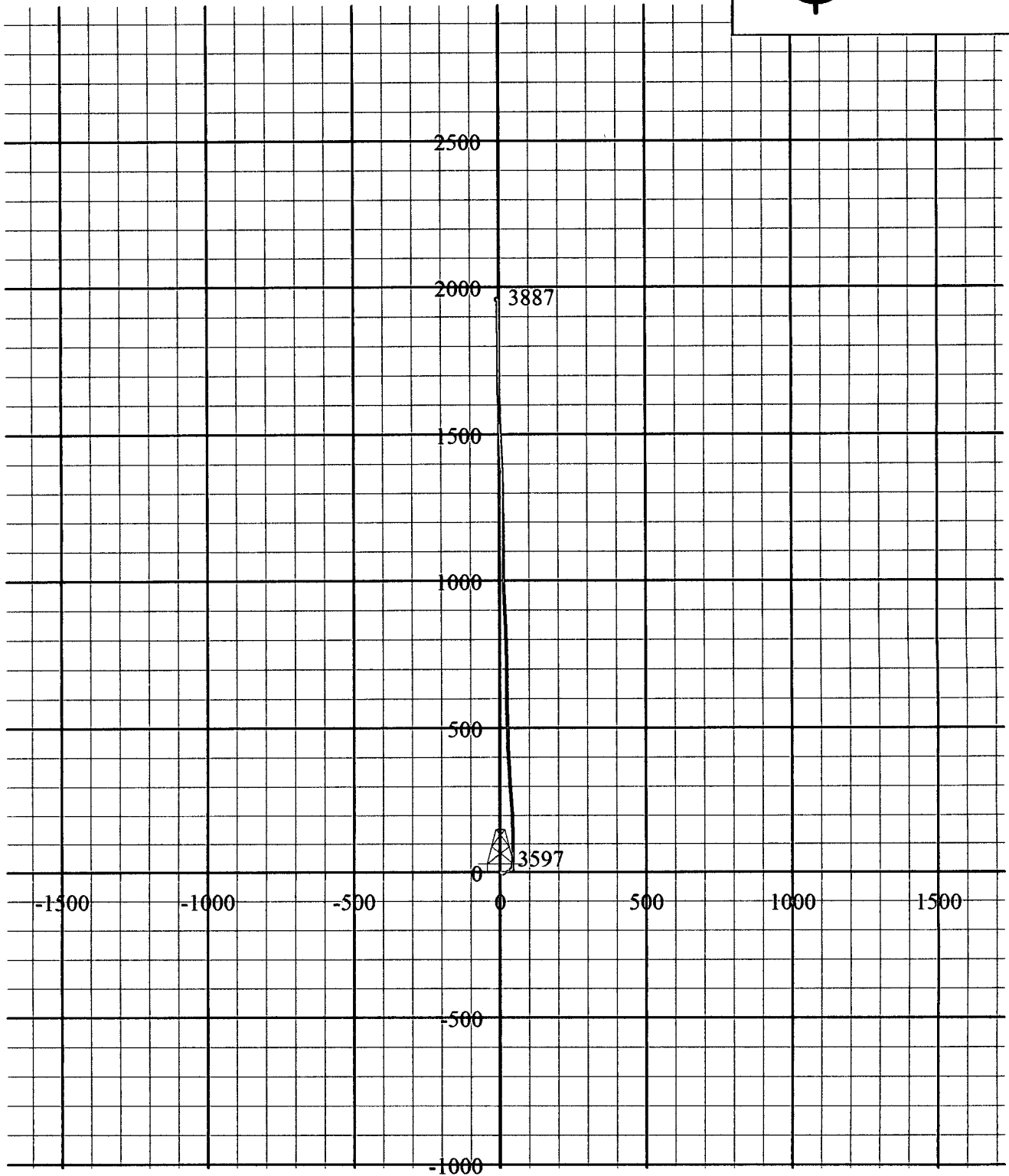
Field: VM Henderson
Site: Lea County, NM
Well: VM Henderson #24H
Wellpath: DH - Job #32D0707614
Survey: 07/20/07-07/26/07



Azimuths to Grid North
True North: 0.00°
Magnetic North: 0.00°

Magnetic Field
Strength: 0nT
Dip Angle: 0.00°
Date: 08/11/2007
Model: igrf2000

South(-)/North(+) [500ft/in]



West(-)/East(+) [500ft/in]