

District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

HOBBS OGD

MAR 20 2014

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Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

WELL API NO: 30-025-41663
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name RED HILLS UNIT
8. Well Number 14H
9. OGRID Number 162683
10. Pool name or Wildcat Wildcat Upper BS
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3395' GL

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐	
2. Name of Operator Cimarex Energy Co. of Colorado	
3. Address of Operator 600 N. Marienfeld, Midland, TX 79701, Suite 600	
4. Well Location Unit Letter <u>A</u> : <u>160</u> feet from the <u>North</u> line and <u>895</u> feet from the <u>East</u> line Section <u>32</u> Township <u>25S</u> Range <u>33E</u> NMPM Lea County	

12. 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 ☐ MULTIPLE COMPL ☐ DOWNHOLE COMMINGLE ☐ CLOSED-LOOP SYSTEM ☐ OTHER: ☐		SUBSEQUENT REPORT OF: REMEDIAL WORK ☐ ALTERING CASING ☐ COMMENCE DRILLING OPNS. ☐ P AND A ☐ CASING/CEMENT JOB ☐ OTHER: ☐	
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13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Cimarex would like permission to move the surface location of the Red Hills Unit 14H to the east by 10'. The rig will be set up for pad drilling on 20' hole spacing, and we will need the #14 & #15 to be 20' apart, instead of 30'. We therefore respectfully request permission to move the SHL of the Red Hills 14H as follows:

From 160 FNL & 895 FEL; Sec 32-T25S-R33E
To 160 FNL & 885 FEL; Sec 32-T25S-R33E

All other aspects of the approved APD will remain the same.

A revised C-102 and preliminary directional plan are attached.

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

SIGNATURE Paula Brunson TITLE Regulatory Compliance DATE March 19, 2014

Type or print name Paula Brunson E-mail address: pbrunson@cimarex.com PHONE: 432-571-7848

For State Use Only

APPROVED BY: [Signature] TITLE Petroleum Engineer DATE MAR 24 2014
Conditions of Approval (if any):

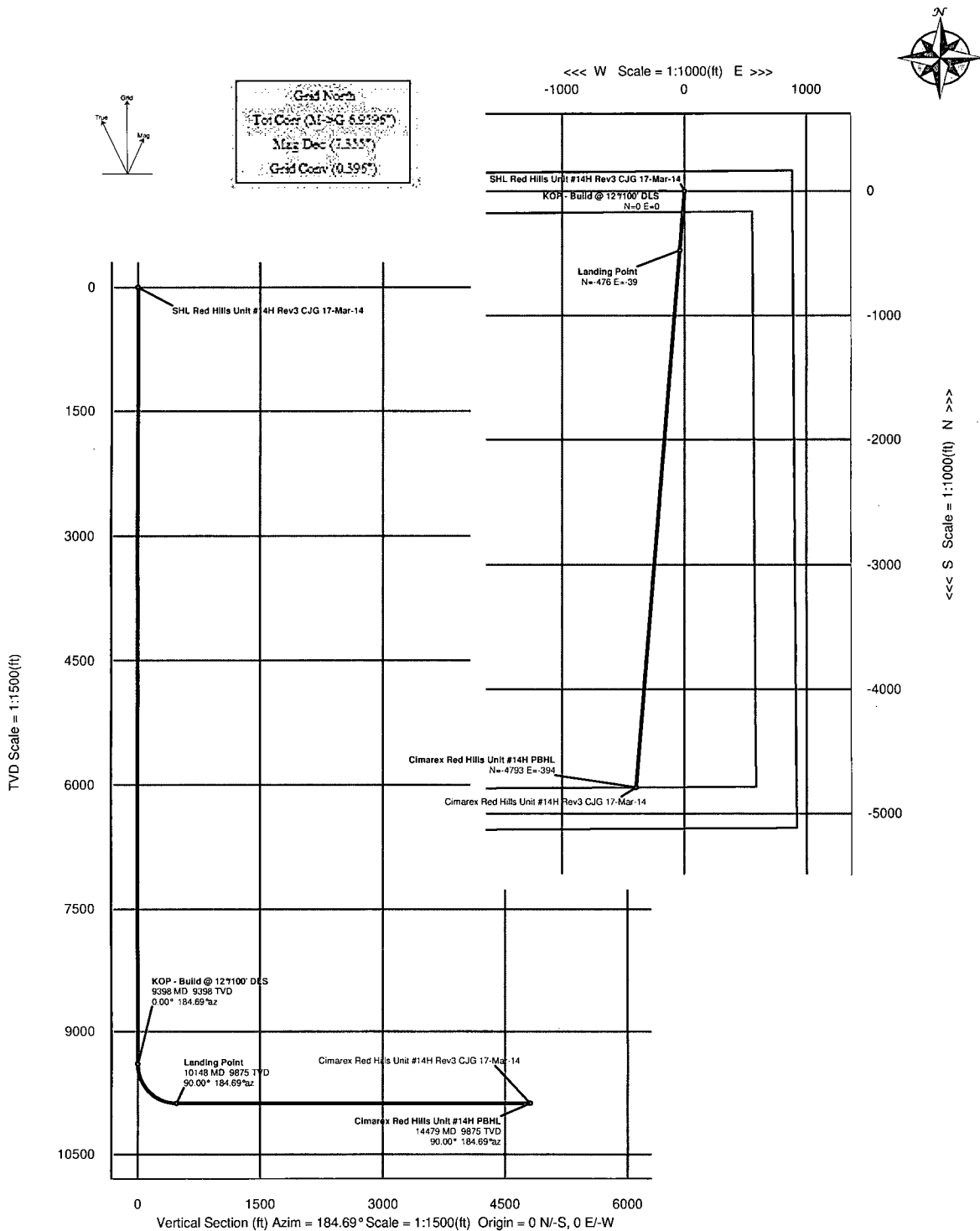
ONG/RADMS TEST 03/24/14



Cimarex

PATHFINDER
A Schlumberger Company

WELL Red Hills Unit #14H	FIELD NM Lea County	STRUCTURE TBD
Magnetic Parameters Model: BOQM 2013 Dip: 55.979° Mag Dec: 7.355°	Date: March 17, 2014 PS: 48240.4m Surface Location Lat: N 32° 53' 30.7" Lon: W 103° 25' 19.081"	NAD83 New Mexico State Plane, Eastern Zone, US Foot Northing: 398643.50 RJUS Easting: 771952.90 RJUS Grid Conv: 0.395° Scale Fact: 0.99997000 Macronuous Site: Red Hills Unit #14H Plan: Cimarex Red Hills Unit #14H Rev3 C/JG 17-Mar-14 TVD Ref: Ground Level 3395ft above MSL



Critical Points

Critical Point	MD	INCL	AZIM	TVD	VSEC	N(±) / S(-)	E(±) / W(-)	DLS
SHL Red Hills Unit #14H	0.00	0.00	184.69	0.00	0.00	0.00	0.00	
KOP - Build @ 12°/100' DLS	9397.54	0.00	184.69	9397.54	0.00	0.00	0.00	0.00
Landing Point	10147.54	90.00	184.69	9875.00	477.46	-475.86	-39.07	12.00
Cimarex Red Hills Unit #14H PBHL	14479.05	90.00	184.69	9875.00	4808.98	-4792.85	-393.51	0.00



Cimarex Red Hills Unit #14H Rev3 CJG 17-Mar-14 Proposal Geodetic Report

(Non-Def Plan)

Report Date: March 17, 2014 - 11:23 AM
Client: Cimarex
Field: NM Lea County (NAD 83)
Structure / Slot: Cimarex Red Hills Unit #14H / Red Hills Unit #14H
Well: Red Hills Unit #14H
Borehole: Original Borehole
UWI / API#: Unknown / Unknown
Survey Name: Cimarex Red Hills Unit #14H Rev3 CJG 17-Mar-14
Survey Date: March 17, 2014
Tort / AHD / DDI / ERD Ratio: 90.000 ° / 4808.981 ft / 5.802 / 0.487
Coordinate Reference System: NAD83 New Mexico State Plane, Eastern Zone, US Feet
Location Lat / Long: N 32° 5' 37.93699", W 103° 35' 19.08068"
Location Grid N/E Y/X: N 398683.500 ftUS, E 771952.900 ftUS
CRS Grid Convergence Angle: 0.3957 °
Grid Scale Factor: 0.99997

Survey / DLS Computation: Minimum Curvature / Lubinski
Vertical Section Azimuth: 184.694 ° (Grid North)
Vertical Section Origin: 0.000 ft, 0.000 ft
TVD Reference Datum: Ground Level
TVD Reference Elevation: 3395.000 ft above MSL
Seabed / Ground Elevation: 3395.000 ft above MSL
Magnetic Declination: 7.355 °
Total Gravity Field Strength: 998.4773mgn (9.80665 Based)
Total Magnetic Field Strength: 48240.445 nT
Magnetic Dip Angle: 59.979 °
Declination Date: March 17, 2014
Magnetic Declination Model: BGGM 2013
North Reference: Grid North
Grid Convergence Used: 0.3957 °
Total Corr Mag North->Grid North: 6.9596 °
Local Coord Referenced To: Structure Reference Point

HOBBS OCD

MAR 20 2014

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Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' '')	Longitude (E/W ° ' '')	Closure (ft)	Closure Azimuth (°)	DLS (°/100ft)
SHL Red Hills Unit #14H	0.00	0.00	184.69	0.00	0.00	0.00	0.00	398683.50	771952.90	N 32 5 37.94	W 103 35 19.08	0.00	0.00	N/A
	100.00	0.00	184.69	100.00	0.00	0.00	0.00	398683.50	771952.90	N 32 5 37.94	W 103 35 19.08	0.00	0.00	0.00
	200.00	0.00	184.69	200.00	0.00	0.00	0.00	398683.50	771952.90	N 32 5 37.94	W 103 35 19.08	0.00	0.00	0.00
	300.00	0.00	184.69	300.00	0.00	0.00	0.00	398683.50	771952.90	N 32 5 37.94	W 103 35 19.08	0.00	0.00	0.00
	400.00	0.00	184.69	400.00	0.00	0.00	0.00	398683.50	771952.90	N 32 5 37.94	W 103 35 19.08	0.00	0.00	0.00
	500.00	0.00	184.69	500.00	0.00	0.00	0.00	398683.50	771952.90	N 32 5 37.94	W 103 35 19.08	0.00	0.00	0.00
	600.00	0.00	184.69	600.00	0.00	0.00	0.00	398683.50	771952.90	N 32 5 37.94	W 103 35 19.08	0.00	0.00	0.00
	700.00	0.00	184.69	700.00	0.00	0.00	0.00	398683.50	771952.90	N 32 5 37.94	W 103 35 19.08	0.00	0.00	0.00
	800.00	0.00	184.69	800.00	0.00	0.00	0.00	398683.50	771952.90	N 32 5 37.94	W 103 35 19.08	0.00	0.00	0.00
	900.00	0.00	184.69	900.00	0.00	0.00	0.00	398683.50	771952.90	N 32 5 37.94	W 103 35 19.08	0.00	0.00	0.00
	1000.00	0.00	184.69	1000.00	0.00	0.00	0.00	398683.50	771952.90	N 32 5 37.94	W 103 35 19.08	0.00	0.00	0.00
	1100.00	0.00	184.69	1100.00	0.00	0.00	0.00	398683.50	771952.90	N 32 5 37.94	W 103 35 19.08	0.00	0.00	0.00
	1200.00	0.00	184.69	1200.00	0.00	0.00	0.00	398683.50	771952.90	N 32 5 37.94	W 103 35 19.08	0.00	0.00	0.00
	1300.00	0.00	184.69	1300.00	0.00	0.00	0.00	398683.50	771952.90	N 32 5 37.94	W 103 35 19.08	0.00	0.00	0.00
	1400.00	0.00	184.69	1400.00	0.00	0.00	0.00	398683.50	771952.90	N 32 5 37.94	W 103 35 19.08	0.00	0.00	0.00
	1500.00	0.00	184.69	1500.00	0.00	0.00	0.00	398683.50	771952.90	N 32 5 37.94	W 103 35 19.08	0.00	0.00	0.00
	1600.00	0.00	184.69	1600.00	0.00	0.00	0.00	398683.50	771952.90	N 32 5 37.94	W 103 35 19.08	0.00	0.00	0.00
	1700.00	0.00	184.69	1700.00	0.00	0.00	0.00	398683.50	771952.90	N 32 5 37.94	W 103 35 19.08	0.00	0.00	0.00
	1800.00	0.00	184.69	1800.00	0.00	0.00	0.00	398683.50	771952.90	N 32 5 37.94	W 103 35 19.08	0.00	0.00	0.00
	1900.00	0.00	184.69	1900.00	0.00	0.00	0.00	398683.50	771952.90	N 32 5 37.94	W 103 35 19.08	0.00	0.00	0.00
	2000.00	0.00	184.69	2000.00	0.00	0.00	0.00	398683.50	771952.90	N 32 5 37.94	W 103 35 19.08	0.00	0.00	0.00
	2100.00	0.00	184.69	2100.00	0.00	0.00	0.00	398683.50	771952.90	N 32 5 37.94	W 103 35 19.08	0.00	0.00	0.00
	2200.00	0.00	184.69	2200.00	0.00	0.00	0.00	398683.50	771952.90	N 32 5 37.94	W 103 35 19.08	0.00	0.00	0.00
	2300.00	0.00	184.69	2300.00	0.00	0.00	0.00	398683.50	771952.90	N 32 5 37.94	W 103 35 19.08	0.00	0.00	0.00
	2400.00	0.00	184.69	2400.00	0.00	0.00	0.00	398683.50	771952.90	N 32 5 37.94	W 103 35 19.08	0.00	0.00	0.00
	2500.00	0.00	184.69	2500.00	0.00	0.00	0.00	398683.50	771952.90	N 32 5 37.94	W 103 35 19.08	0.00	0.00	0.00
	2600.00	0.00	184.69	2600.00	0.00	0.00	0.00	398683.50	771952.90	N 32 5 37.94	W 103 35 19.08	0.00	0.00	0.00
	2700.00	0.00	184.69	2700.00	0.00	0.00	0.00	398683.50	771952.90	N 32 5 37.94	W 103 35 19.08	0.00	0.00	0.00
	2800.00	0.00	184.69	2800.00	0.00	0.00	0.00	398683.50	771952.90	N 32 5 37.94	W 103 35 19.08	0.00	0.00	0.00
	2900.00	0.00	184.69	2900.00	0.00	0.00	0.00	398683.50	771952.90	N 32 5 37.94	W 103 35 19.08	0.00	0.00	0.00

Drilling Office 2 6.1166.0 ...Red Hills Unit #14H\Original Borehole\Cimarex Red Hills Unit #14H Rev3 CJG 17-Mar-14 3/19/2014 10:20 AM Page 2 of 4

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")	Closure (ft)	Closure Azimuth (°)	DLS (°/100ft)
	8500.00	0.00	184.69	8500.00	0.00	0.00	0.00	398683.50	771952.90	N 32 5 37.94	W 103 35 19.08	0.00	0.00	0.00
	8600.00	0.00	184.69	8600.00	0.00	0.00	0.00	398683.50	771952.90	N 32 5 37.94	W 103 35 19.08	0.00	0.00	0.00
	8700.00	0.00	184.69	8700.00	0.00	0.00	0.00	398683.50	771952.90	N 32 5 37.94	W 103 35 19.08	0.00	0.00	0.00
	8800.00	0.00	184.69	8800.00	0.00	0.00	0.00	398683.50	771952.90	N 32 5 37.94	W 103 35 19.08	0.00	0.00	0.00
	8900.00	0.00	184.69	8900.00	0.00	0.00	0.00	398683.50	771952.90	N 32 5 37.94	W 103 35 19.08	0.00	0.00	0.00
	9000.00	0.00	184.69	9000.00	0.00	0.00	0.00	398683.50	771952.90	N 32 5 37.94	W 103 35 19.08	0.00	0.00	0.00
	9100.00	0.00	184.69	9100.00	0.00	0.00	0.00	398683.50	771952.90	N 32 5 37.94	W 103 35 19.08	0.00	0.00	0.00
	9200.00	0.00	184.69	9200.00	0.00	0.00	0.00	398683.50	771952.90	N 32 5 37.94	W 103 35 19.08	0.00	0.00	0.00
	9300.00	0.00	184.69	9300.00	0.00	0.00	0.00	398683.50	771952.90	N 32 5 37.94	W 103 35 19.08	0.00	0.00	0.00
KOP - Build @ 12"/100' DLS	9397.54	0.00	184.69	9397.54	0.00	0.00	0.00	398683.50	771952.90	N 32 5 37.94	W 103 35 19.08	0.00	0.00	0.00
	9400.00	0.30	184.69	9400.00	0.01	-0.01	0.00	398683.49	771952.90	N 32 5 37.94	W 103 35 19.08	0.01	184.69	12.00
	9500.00	12.30	184.69	9499.22	10.95	-10.92	-0.90	398672.58	771952.00	N 32 5 37.83	W 103 35 19.09	10.95	184.69	12.00
	9600.00	24.30	184.69	9593.99	42.29	-42.15	-3.46	398641.36	771949.44	N 32 5 37.52	W 103 35 19.12	42.29	184.69	12.00
	9700.00	36.30	184.69	9680.17	92.64	-92.33	-7.58	398591.17	771945.32	N 32 5 37.02	W 103 35 19.18	92.64	184.69	12.00
	9800.00	48.30	184.69	9754.01	159.81	-159.28	-13.08	398524.23	771939.82	N 32 5 36.36	W 103 35 19.25	159.81	184.69	12.00
	9900.00	60.30	184.69	9812.26	240.87	-240.06	-19.71	398443.45	771933.19	N 32 5 35.56	W 103 35 19.33	240.87	184.69	12.00
	10000.00	72.30	184.69	9852.39	332.27	-331.15	-27.19	398352.36	771925.71	N 32 5 34.66	W 103 35 19.42	332.27	184.69	12.00
	10100.00	84.30	184.69	9872.64	430.01	-428.57	-35.19	398254.95	771917.71	N 32 5 33.70	W 103 35 19.52	430.01	184.69	12.00
Landing Point	10147.54	90.00	184.69	9875.00	477.46	-475.86	-39.07	398207.65	771913.83	N 32 5 33.23	W 103 35 19.57	477.46	184.69	12.00
	10200.00	90.00	184.69	9875.00	529.93	-528.15	-43.36	398155.36	771909.54	N 32 5 32.71	W 103 35 19.63	529.93	184.69	0.00
	10300.00	90.00	184.69	9875.00	629.93	-627.82	-51.55	398055.70	771901.36	N 32 5 31.73	W 103 35 19.73	629.93	184.69	0.00
	10400.00	90.00	184.69	9875.00	729.93	-727.48	-59.73	397956.04	771893.17	N 32 5 30.74	W 103 35 19.83	729.93	184.69	0.00
	10500.00	90.00	184.69	9875.00	829.93	-827.15	-67.91	397856.38	771884.99	N 32 5 29.76	W 103 35 19.94	829.93	184.69	0.00
	10600.00	90.00	184.69	9875.00	929.93	-926.81	-76.09	397756.72	771876.81	N 32 5 28.77	W 103 35 20.04	929.93	184.69	0.00
	10700.00	90.00	184.69	9875.00	1029.93	-1026.48	-84.28	397657.06	771868.62	N 32 5 27.79	W 103 35 20.14	1029.93	184.69	0.00
	10800.00	90.00	184.69	9875.00	1129.93	-1126.14	-92.46	397557.40	771860.44	N 32 5 26.80	W 103 35 20.25	1129.93	184.69	0.00
	10900.00	90.00	184.69	9875.00	1229.93	-1225.80	-100.64	397457.73	771852.26	N 32 5 25.81	W 103 35 20.35	1229.93	184.69	0.00
	11000.00	90.00	184.69	9875.00	1329.93	-1325.47	-108.83	397358.07	771844.08	N 32 5 24.83	W 103 35 20.45	1329.93	184.69	0.00
	11100.00	90.00	184.69	9875.00	1429.93	-1425.13	-117.01	397258.41	771835.89	N 32 5 23.84	W 103 35 20.56	1429.93	184.69	0.00
	11200.00	90.00	184.69	9875.00	1529.93	-1524.80	-125.19	397158.75	771827.71	N 32 5 22.86	W 103 35 20.66	1529.93	184.69	0.00
	11300.00	90.00	184.69	9875.00	1629.93	-1624.46	-133.38	397059.09	771819.53	N 32 5 21.87	W 103 35 20.76	1629.93	184.69	0.00
	11400.00	90.00	184.69	9875.00	1729.93	-1724.13	-141.56	396959.43	771811.35	N 32 5 20.89	W 103 35 20.86	1729.93	184.69	0.00
	11500.00	90.00	184.69	9875.00	1829.93	-1823.79	-149.74	396859.77	771803.16	N 32 5 19.90	W 103 35 20.97	1829.93	184.69	0.00
	11600.00	90.00	184.69	9875.00	1929.93	-1923.46	-157.92	396760.10	771794.98	N 32 5 18.91	W 103 35 21.07	1929.93	184.69	0.00
	11700.00	90.00	184.69	9875.00	2029.93	-2023.12	-166.11	396660.44	771786.80	N 32 5 17.93	W 103 35 21.17	2029.93	184.69	0.00
	11800.00	90.00	184.69	9875.00	2129.93	-2122.79	-174.29	396560.78	771778.62	N 32 5 16.94	W 103 35 21.28	2129.93	184.69	0.00
	11900.00	90.00	184.69	9875.00	2229.93	-2222.45	-182.47	396461.12	771770.43	N 32 5 15.96	W 103 35 21.38	2229.93	184.69	0.00
	12000.00	90.00	184.69	9875.00	2329.93	-2322.12	-190.66	396361.46	771762.25	N 32 5 14.97	W 103 35 21.48	2329.93	184.69	0.00
	12100.00	90.00	184.69	9875.00	2429.93	-2421.78	-198.84	396261.80	771754.07	N 32 5 13.99	W 103 35 21.59	2429.93	184.69	0.00
	12200.00	90.00	184.69	9875.00	2529.93	-2521.45	-207.02	396162.14	771745.89	N 32 5 13.00	W 103 35 21.69	2529.93	184.69	0.00
	12300.00	90.00	184.69	9875.00	2629.93	-2621.11	-215.20	396062.47	771737.70	N 32 5 12.02	W 103 35 21.79	2629.93	184.69	0.00
	12400.00	90.00	184.69	9875.00	2729.93	-2720.77	-223.39	395962.81	771729.52	N 32 5 11.03	W 103 35 21.90	2729.93	184.69	0.00
	12500.00	90.00	184.69	9875.00	2829.93	-2820.44	-231.57	395863.15	771721.34	N 32 5 10.04	W 103 35 22.00	2829.93	184.69	0.00
	12600.00	90.00	184.69	9875.00	2929.93	-2920.10	-239.75	395763.49	771713.16	N 32 5 9.06	W 103 35 22.10	2929.93	184.69	0.00
	12700.00	90.00	184.69	9875.00	3029.93	-3019.77	-247.94	395663.83	771704.97	N 32 5 8.07	W 103 35 22.20	3029.93	184.69	0.00
	12800.00	90.00	184.69	9875.00	3129.93	-3119.43	-256.12	395564.17	771696.79	N 32 5 7.09	W 103 35 22.31	3129.93	184.69	0.00
	12900.00	90.00	184.69	9875.00	3229.93	-3219.10	-264.30	395464.51	771688.61	N 32 5 6.10	W 103 35 22.41	3229.93	184.69	0.00
	13000.00	90.00	184.69	9875.00	3329.93	-3318.76	-272.48	395364.84	771680.42	N 32 5 5.12	W 103 35 22.51	3329.93	184.69	0.00
	13100.00	90.00	184.69	9875.00	3429.93	-3418.43	-280.67	395265.18	771672.24	N 32 5 4.13	W 103 35 22.62	3429.93	184.69	0.00
	13200.00	90.00	184.69	9875.00	3529.93	-3518.09	-288.85	395165.52	771664.06	N 32 5 3.14	W 103 35 22.72	3529.93	184.69	0.00
	13300.00	90.00	184.69	9875.00	3629.93	-3617.76	-297.03	395065.86	771655.88	N 32 5 2.16	W 103 35 22.82	3629.93	184.69	0.00
	13400.00	90.00	184.69	9875.00	3729.93	-3717.42	-305.22	394966.20	771647.69	N 32 5 1.17	W 103 35 22.93	3729.93	184.69	0.00
	13500.00	90.00	184.69	9875.00	3829.93	-3817.09	-313.40	394866.54	771639.51	N 32 5 0.19	W 103 35 23.03	3829.93	184.69	0.00
	13600.00	90.00	184.69	9875.00	3929.93	-3916.75	-321.58	394766.88	771631.33	N 32 4 59.20	W 103 35 23.13	3929.93	184.69	0.00

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")	Closure (ft)	Closure Azimuth (°)	DLS (°/100ft)
	13700.00	90.00	184.69	9875.00	4029.93	-4016.41	-329.76	394667.21	771623.15	N 32 4 58.22	W 103 35 23.24	4029.93	184.69	0.00
	13800.00	90.00	184.69	9875.00	4129.93	-4116.08	-337.95	394567.55	771614.96	N 32 4 57.23	W 103 35 23.34	4129.93	184.69	0.00
	13900.00	90.00	184.69	9875.00	4229.93	-4215.74	-346.13	394467.89	771606.78	N 32 4 56.25	W 103 35 23.44	4229.93	184.69	0.00
	14000.00	90.00	184.69	9875.00	4329.93	-4315.41	-354.31	394368.23	771598.60	N 32 4 55.26	W 103 35 23.54	4329.93	184.69	0.00
	14100.00	90.00	184.69	9875.00	4429.93	-4415.07	-362.50	394268.57	771590.42	N 32 4 54.27	W 103 35 23.65	4429.93	184.69	0.00
	14200.00	90.00	184.69	9875.00	4529.93	-4514.74	-370.68	394168.91	771582.23	N 32 4 53.29	W 103 35 23.75	4529.93	184.69	0.00
	14300.00	90.00	184.69	9875.00	4629.93	-4614.40	-378.86	394069.24	771574.05	N 32 4 52.30	W 103 35 23.85	4629.93	184.69	0.00
	14400.00	90.00	184.69	9875.00	4729.93	-4714.07	-387.04	393969.58	771565.87	N 32 4 51.32	W 103 35 23.96	4729.93	184.69	0.00
Cimarex Red Hills Unit #14H PBHL	14479.05	90.00	184.69	9875.00	4808.98	-4792.85	-393.51	393890.80	771559.40	N 32 4 50.54	W 103 35 24.04	4808.98	184.69	0.00

Survey Type: Non-Def Plan

Survey Error Model: ISCWSA Rev 0 *** 3-D 95.000% Confidence 2.7955 sigma
Survey Program:

Description	MD From (ft)	MD To (ft)	EOU Freq (ft)	Hole Size (in)	Casing Diameter (in)	Survey Tool Type	Borehole / Survey
	0.000	14479.051	1/100.000	30.000	30.000	SLB_MWD-POOR	Original Borehole / Cimarex Red Hills Unit #14H Rev3 CJG 17-Mar-