



Reservoir Development

Drilling & Measurements (Anadrill)

4301 SW 44th St

Oklahoma City, Oklahoma, 73119 USA

Phone: (405) 682-2284

Fax: (405) 682-3937

30-015-41819

March 21, 2014

Cimarex

600 N MARIENFELD STREET SUITE 600

MIDLAND, TX 79701

Re:

CLIENT: Cimarex Energy Co.

WELL: Scoter 6 Federal 3H

FIELD: Cottonwood Draw, B.S.

RIG: Cactus 116

COUNTY: Eddy

API NO: 30-015-41819

JOB NO: 14MLD0075

S6-T25S-R27E 330 FSL 2190 FEL
N 32.15274 W 104.22806

Enclosed, please find the original copy of the survey performed on the referenced well by Drilling & Measurements, a division of Schlumberger Technology Corporation.

Other information required by your office is as follows.

<u>Name & Title of Surveyor</u>	<u>Drainhole Number</u>	<u>Surveyed Depths</u>	<u>Dates Performed</u>	<u>Type of Survey</u>
Jesse Ritch MWD	Scoter 6 Federal 3H Original Hole	6664.00 Ft to 11870.00 Ft	March 10, 2014 to March 20, 2014	SlimPulse

If any other information is required, please contact the undersigned at the above letterhead and phone number.

Sincerely,

Joseph Hogan
Field Service Manager

Reservoir Development

Drilling & Measurements (Anadrill)

4301 SW 44th St

Oklahoma City, Oklahoma 73119 USA

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Well Reference:

S6-T25S-R27E 330 FSL 2190 FEL

N 32.15274 W 104.22806

I, Jesse Ritch certify that; I am employed by Drilling & Measurements (formerly Anadrill), a division of Schlumberger Technology Corporation; that I did on the day(s) of March 10, 2014 through March 20, 2014, conduct or supervise the taking of the SlimPulse surveys from a depth of 6664.00 feet to a depth of 11870.00 feet referenced to driller's depth; that the data is true, correct, complete and within the limitations of the tool as set forth by Drilling & Measurements, a division of Schlumberger Technology Corporation; that I am authorized and qualified to make this report; that this survey was conducted at the request of Cimarex Energy Co. for the Scoter 6 Federal 3H Well (Original Hole) API No. 30-015-41819 and that I have reviewed this report and find that it conforms to the principals and procedures as set forth by Drilling & Measurements, a division of Schlumberger Technology Corporation.



On behalf of
Jesse Ritch
MWD

Subscribed and Sworn to before me this 21st day of March (month) 2014 (yr)

My Commission expires:

September 5, 2016

Michelle Ellwood

Notary Public

Medford, IL

(County/State)



(signature)



Cimarex Scoter 6 Federal #3H XEM+MWD Off to 11940ft MD

(Def Survey)



Report Date: March 20, 2014 - 09:01 AM
Client: Cimarex
Field: NM Eddy County (NAD 83)
Structure / Slot: Cactus 116 / Cimarex Scoter 6 Federal #3H
Well: Cimarex Scoter 6 Federal #3H
Borehole: Original Borehole
UWI / API#: Unknown / Unknown
Survey Name: Cimarex Scoter 6 Federal #3H XEM+MWD Off to 11940ft MD
Survey Date: March 04, 2014
Tort / AHD / DDI / ERD Ratio: 211.575' / 4901.254 ft / 6.224 / 0.663
Coordinate Reference System: NAD83 New Mexico State Plane, Eastern Zone, US Feet
Location Lat / Long: N 32° 9' 9.85345", W 104° 13' 40.99822"
Location Grid N/E Y/X: N 419317.000 RUS, E 573918.300 RUS
CRS Grid Convergence Angle: 0.0560°
Grid Scale Factor: 0.99991031

Survey / DLS Computation: Minimum Curvature / Lubinski
Vertical Section Azimuth: 1.374' (Grid North)
Vertical Section Origin: 0.000 ft, 0.000 ft
TVD Reference Datum: RKS
TVD Reference Elevation: 3326.000 ft above
Seabed / Ground Elevation: 3308.000 ft above
Magnetic Declination: 7.666°
Total Gravity Field Strength: 998.4900mgn (9.60665 Based)
Total Magnetic Field Strength: 48201.492 nT
Magnetic Dip Angle: 59.921°
Declination Date: March 04, 2014
Magnetic Declination Model: BGGM 2013
North Reference: Grid North
Grid Convergence Used: 0.0560°
Total Corr Mag North->Grid: 7.6102°
North: 7.6102°
Local Coord Referenced To: Structure Reference Point

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
SHL Scoter 6 Federal #3H	0.00	0.00	1.37	0.00	0.00	0.00	0.00	N/A	419317.00	573918.30	N 32° 9' 9.85 W 104° 13' 41.00	
	175.00	1.19	248.92	174.99	-0.69	-0.65	-1.70	0.68	419316.35	573916.60	N 32° 9' 9.85 W 104° 13' 41.02	
	236.00	1.58	210.82	235.97	-1.67	-1.60	-2.72	1.60	419315.40	573915.98	N 32° 9' 9.84 W 104° 13' 41.03	
	241.00	1.58	209.89	240.97	-1.79	-1.72	-2.79	0.51	419315.28	573915.51	N 32° 9' 9.84 W 104° 13' 41.03	
	299.00	1.49	204.71	298.95	-3.18	-3.10	-3.50	0.29	419313.90	573914.80	N 32° 9' 9.82 W 104° 13' 41.04	
	361.00	1.41	208.70	360.93	-4.60	-4.50	-4.20	0.21	419312.50	573914.10	N 32° 9' 9.81 W 104° 13' 41.05	
	448.09	1.32	204.31	447.99	-6.48	-6.36	-5.13	0.16	419310.64	573913.17	N 32° 9' 9.79 W 104° 13' 41.06	
	565.91	1.41	212.40	565.78	-8.97	-8.82	-6.47	0.18	419308.18	573911.83	N 32° 9' 9.77 W 104° 13' 41.07	
	621.86	2.20	5.91	621.72	-8.49	-8.33	-6.73	6.29	419308.67	573911.58	N 32° 9' 9.77 W 104° 13' 41.08	
	680.47	1.41	219.52	680.32	-7.93	-7.77	-7.07	5.91	419309.23	573911.23	N 32° 9' 9.76 W 104° 13' 41.08	
	741.37	1.58	214.02	741.20	-9.23	-9.04	-8.02	0.36	419307.96	573910.29	N 32° 9' 9.76 W 104° 13' 41.09	
	831.68	1.41	219.83	831.47	-11.15	-10.93	-9.42	0.25	419306.07	573908.88	N 32° 9' 9.75 W 104° 13' 41.11	
	924.13	1.41	221.80	923.90	-12.91	-12.65	-10.91	0.05	419304.35	573907.39	N 32° 9' 9.73 W 104° 13' 41.13	
	1015.35	1.41	216.40	1015.09	-14.68	-14.39	-12.32	0.15	419302.61	573905.98	N 32° 9' 9.71 W 104° 13' 41.14	
	1106.68	1.49	229.71	1106.39	-16.39	-16.06	-13.90	0.38	419300.94	573904.40	N 32° 9' 9.69 W 104° 13' 41.16	
	1283.00	1.41	222.73	1282.85	-19.54	-19.14	-17.12	0.11	419297.67	573901.18	N 32° 9' 9.66 W 104° 13' 41.20	
	1471.00	1.19	200.49	1470.61	-23.12	-22.66	-19.37	0.29	419294.34	573898.93	N 32° 9' 9.63 W 104° 13' 41.22	
	1661.00	1.19	159.22	1660.57	-26.81	-26.36	-19.36	0.44	419290.65	573898.94	N 32° 9' 9.59 W 104° 13' 41.22	
	1987.00	1.80	142.39	1986.46	-33.93	-33.58	-15.04	0.23	419283.43	573903.27	N 32° 9' 9.52 W 104° 13' 41.17	
	2049.40	1.58	329.82	2048.85	-33.96	-33.61	-14.87	5.41	419283.39	573903.43	N 32° 9' 9.52 W 104° 13' 41.17	
	2143.86	1.71	198.79	2143.30	-33.88	-33.54	-14.60	3.47	419283.46	573903.71	N 32° 9' 9.52 W 104° 13' 41.17	
	2239.23	1.58	141.82	2238.63	-35.95	-35.65	-12.85	0.16	419281.35	573905.46	N 32° 9' 9.50 W 104° 13' 41.15	
	2332.67	1.71	139.71	2332.03	-37.98	-37.72	-11.15	0.15	419279.28	573907.15	N 32° 9' 9.48 W 104° 13' 41.13	
	2522.91	1.49	141.60	2522.19	-42.00	-41.83	-7.78	0.12	419275.18	573910.53	N 32° 9' 9.44 W 104° 13' 41.09	
	2616.18	1.32	144.90	2615.44	-43.80	-43.66	-6.40	0.20	419273.35	573911.90	N 32° 9' 9.42 W 104° 13' 41.07	
	2709.71	1.41	148.72	2708.94	-45.63	-45.52	-5.19	0.14	419271.48	573913.11	N 32° 9' 9.40 W 104° 13' 41.06	
	2808.39	1.49	147.71	2807.59	-47.72	-47.64	-3.87	0.09	419269.36	573914.43	N 32° 9' 9.38 W 104° 13' 41.04	
	2901.89	1.49	149.03	2901.06	-49.76	-49.71	-2.60	0.04	419267.17	573915.70	N 32° 9' 9.36 W 104° 13' 41.03	
	2996.82	1.49	149.42	2995.95	-51.85	-51.84	-1.33	0.01	419265.29	573916.97	N 32° 9' 9.34 W 104° 13' 41.01	
	3092.25	1.41	149.82	3091.35	-53.91	-53.92	-0.11	0.08	419263.09	573918.19	N 32° 9' 9.32 W 104° 13' 41.00	
	3186.54	1.41	150.52	3185.61	-55.89	-55.93	1.04	0.02	419261.07	573919.34	N 32° 9' 9.30 W 104° 13' 40.99	
	3281.75	1.41	146.52	3280.80	-57.86	-57.93	2.26	0.10	419259.08	573920.56	N 32° 9' 9.28 W 104° 13' 40.97	
	3376.18	1.32	152.81	3375.20	-59.77	-59.86	3.40	0.18	419257.14	573921.70	N 32° 9' 9.26 W 104° 13' 40.96	
	3470.50	1.10	162.39	3469.50	-61.58	-61.69	4.17	0.32	419255.31	573922.47	N 32° 9' 9.24 W 104° 13' 40.95	
	3566.42	0.88	159.80	3565.40	-63.13	-63.26	4.71	0.23	419253.74	573923.00	N 32° 9' 9.23 W 104° 13' 40.94	
	3660.21	1.01	158.70	3659.18	-64.56	-64.71	5.25	0.14	419252.30	573923.55	N 32° 9' 9.21 W 104° 13' 40.94	
	3755.61	0.88	146.13	3754.57	-65.94	-66.10	5.97	0.26	419250.91	573924.27	N 32° 9' 9.20 W 104° 13' 40.93	
	3849.89	1.19	148.19	3848.76	-67.35	-67.53	6.89	0.33	419249.47	573925.19	N 32° 9' 9.19 W 104° 13' 40.92	
	3945.54	0.88	151.93	3944.47	-68.82	-69.03	7.76	0.33	419247.98	573926.06	N 32° 9' 9.17 W 104° 13' 40.91	
	4039.37	1.19	163.93	4038.28	-70.38	-70.60	8.37	0.40	419246.41	573926.86	N 32° 9' 9.15 W 104° 13' 40.90	
	4133.78	1.19	171.62	4132.67	-72.28	-72.51	8.78	0.17	419244.50	573927.08	N 32° 9' 9.14 W 104° 13' 40.90	
	4228.84	1.01	174.52	4227.71	-74.08	-74.32	9.00	0.20	419242.69	573927.30	N 32° 9' 9.12 W 104° 13' 40.89	
	4323.31	0.70	168.50	4322.17	-75.47	-75.71	9.20	0.34	419241.29	573927.50	N 32° 9' 9.10 W 104° 13' 40.89	
	4417.20	0.62	157.12	4416.06	-76.49	-76.74	9.51	0.16	419240.26	573927.81	N 32° 9' 9.09 W 104° 13' 40.89	
	4514.28	0.88	158.52	4513.13	-77.66	-77.92	9.99	0.27	419239.09	573928.29	N 32° 9' 9.08 W 104° 13' 40.88	
	4607.69	1.01	153.42	4606.53	-79.05	-79.33	10.62	0.17	419237.68	573928.92	N 32° 9' 9.07 W 104° 13' 40.88	
	4703.41	0.88	171.22	4702.23	-80.52	-80.81	11.11	0.33	419236.20	573929.41	N 32° 9' 9.05 W 104° 13' 40.87	
	4797.65	0.88	165.03	4796.46	-81.92	-82.22	11.41	0.10	419234.79	573929.70	N 32° 9' 9.04 W 104° 13' 40.87	
	4890.89	1.19	167.00	4889.69	-83.55	-83.86	11.81	0.33	419233.15	573930.11	N 32° 9' 9.02 W 104° 13' 40.86	
	4984.75	1.10	165.51	4983.53	-85.36	-85.68	12.25	0.10	419231.33	573930.55	N 32° 9' 9.01 W 104° 13' 40.86	
	5081.88	1.19	177.99	5080.64	-87.26	-87.59	12.52	0.27	419229.42	573930.82	N 32° 9' 8.99 W 104° 13' 40.85	
	5173.85	1.10	178.43	5176.37	-89.17	-89.50	12.58	0.09	419227.51	573930.88	N 32° 9' 8.97 W 104° 13' 40.85	
	5272.47	1.32	179.70	5271.19	-91.17	-91.50	12.61	0.23	419225.51	573930.91	N 32° 9' 8.95 W 104° 13' 40.85	
	5366.50	1.32	175.62	5365.19	-93.33	-93.67	12.70	0.10	419223.34	573931.00	N 32° 9' 8.93 W 104° 13' 40.85	
	5461.37	1.19	173.20	5460.04	-95.40	-95.73	12.90	0.15	419221.28	573931.20	N 32° 9' 8.91 W 104° 13' 40.85	
	5555.63	1.41	168.50	5554.28	-97.50	-97.84	13.25	0.26	419219.17	573931.55	N 32° 9' 8.89 W 104° 13' 40.85	
	5650.98	1.41	180.71	5649.60	-99.81	-100.16	13.47	0.31	419216.84	573931.77	N 32° 9' 8.86 W 104° 13' 40.84	
	5747.53	1.58	188.71	5746.11	-102.32	-102.67	13.25	0.28	419214.34	573931.55	N 32° 9' 8.84 W 104° 13' 40.85	
	5840.21	1.32	198.60	5838.76	-104.61	-104.94	12.72	0.39	419212.07	573931.02	N 32° 9' 8.81 W 104° 13' 40.85	
	5934.98	0.79	164.10	5933.52	-106.27	-106.61	12.55	0.85	419210.40	573930.85	N 32° 9' 8.80 W 104° 13' 40.85	
	6029.39	0.79	262.63	6027.92	-106.99	-107.32	12.08	1.27	419209.69	573930.38	N 32° 9' 8.79 W 104° 13' 40.86	
	6123.85	0.62	175.00	6122.38	-107.60	-107.91	11.48	1.04	419209.10	573929.78	N 32° 9' 8.79 W 104° 13' 40.87	
	6220.78	1.01	134.00	6219.30	-108.70	-109.02	12.14	0.70	419207.99	573930.44	N 32° 9' 8.77 W 104° 13' 40.86	
	6313.80	1.49	147.32	6312.30	-110.26	-110.61	13.38	0.60	419206.40	573931.68	N 32° 9' 8.76 W 104° 13' 40.84	
	6408.01	1.49	151.23	6406.48	-112.33	-112.72	14.63	0.11	419204.29	573932.93	N 32° 9' 8.74 W 104° 13' 40.83	

Comments	MD	Incl	Azim Grd	TVD	VSEC	NS	EW	DLS	Northing	Eastng	Latitude	Longitude
	6503.72	1.32	158.61	6502.16	-114.33	-114.83	15.63	7.00	419202.18	573833.93	N 32 9 8.72	W 104 13 40.62
	6504.00	0.83	133.23	6502.41	-116.90	-117.35	17.15	0.42	419199.66	573835.43	N 32 9 8.69	W 104 13 40.60
	6506.00	0.88	130.42	6506.40	-117.35	-118.42	17.53	0.19	419199.63	573836.83	N 32 9 8.68	W 104 13 40.59
	6509.00	2.95	136.73	6507.28	-117.95	-120.26	18.26	6.70	419198.75	573838.13	N 32 9 8.68	W 104 13 40.71
	6529.00	8.65	140.78	6507.28	-119.75	-120.26	19.63	11.18	419198.75	573839.43	N 32 9 8.68	W 104 13 40.67
	6529.00	8.65	144.66	6790.00	-123.11	-123.68	22.41	7.31	419193.33	573840.70	N 32 9 8.63	W 104 13 40.74
	6529.00	6.82	136.09	6822.10	-126.48	-127.12	25.20	6.54	419188.68	573843.50	N 32 9 8.60	W 104 13 40.71
	6529.00	2.22	101.20	6823.60	-127.88	-128.56	27.07	16.64	419188.45	573844.87	N 32 9 8.76	W 104 13 40.67
	6529.00	3.19	351.69	6866.57	-126.91	-127.61	26.94	15.12	419189.41	573845.54	N 32 9 8.91	W 104 13 40.68
	6529.00	7.38	346.86	6917.42	-126.91	-124.65	27.54	11.67	419192.36	573846.23	N 32 9 8.82	W 104 13 40.69
	6529.00	8.39	359.10	6948.13	-119.78	-120.45	26.45	6.30	419196.56	573847.75	N 32 9 8.66	W 104 13 40.69
	6529.00	9.46	14.07	6981.12	-114.58	-115.26	27.09	7.48	419201.75	573848.09	N 32 9 9.13	W 104 13 40.57
	6529.00	11.04	19.01	7014.26	-106.61	-110.32	28.57	6.23	419206.69	573849.87	N 32 9 8.76	W 104 13 40.67
	6529.00	13.79	18.10	7045.30	-103.26	-104.02	30.75	8.87	419212.92	573849.05	N 32 9 8.82	W 104 13 40.64
	6529.00	18.24	15.69	7071.28	-94.77	-95.59	33.55	14.21	419221.41	573851.65	N 32 9 8.91	W 104 13 40.61
	6529.00	34.54	352.75	7208.24	-28.22	-29.02	33.13	13.64	419287.98	573851.43	N 32 9 9.57	W 104 13 40.61
	7108.00	21.98	10.56	7100.39	-84.34	-85.22	35.73	13.33	419231.79	573854.03	N 32 9 9.01	W 104 13 40.58
	7138.00	24.61	2.66	7127.95	-72.54	-73.45	37.05	13.80	419243.55	573855.35	N 32 9 9.13	W 104 13 40.57
	7169.00	27.33	356.36	7155.82	-58.00	-59.90	36.90	12.49	419257.11	573843.96	N 32 9 10.36	W 104 13 40.70
	7201.00	30.63	351.64	7183.81	-43.64	-44.49	35.24	12.54	419272.51	573842.82	N 32 9 11.58	W 104 13 40.71
	7230.00	34.54	352.75	7208.24	-28.22	-29.02	33.13	13.64	419287.98	573851.43	N 32 9 9.57	W 104 13 40.61
	7264.00	38.78	353.81	7255.51	-8.13	-8.87	30.77	12.61	419308.13	573843.96	N 32 9 9.77	W 104 13 40.64
	7312.00	45.46	355.47	7271.10	23.83	23.17	27.79	14.11	419340.16	573846.09	N 32 9 10.08	W 104 13 40.67
	7319.00	51.75	355.73	7285.55	51.43	50.83	25.67	17.01	419367.82	573843.96	N 32 9 10.36	W 104 13 40.70
	7349.00	55.30	358.95	7313.98	76.29	75.72	24.52	14.17	419392.71	573842.82	N 32 9 10.52	W 104 13 40.71
	7407.00	56.55	0.99	7329.11	98.64	98.08	24.52	7.78	419415.07	573842.81	N 32 9 10.60	W 104 13 40.71
	7443.00	59.24	1.10	7348.24	128.13	126.57	25.07	7.48	419458.56	573843.37	N 32 9 11.13	W 104 13 40.71
	7456.00	63.46	1.91	7363.58	157.21	156.63	25.81	13.37	419473.62	573844.11	N 32 9 11.40	W 104 13 40.70
	7475.00	68.16	2.33	7375.05	182.15	182.15	26.76	16.84	419497.63	573845.06	N 32 9 11.66	W 104 13 40.68
	7538.00	75.77	3.14	7385.68	215.99	215.37	28.35	21.85	419532.35	573845.06	N 32 9 11.97	W 104 13 40.67
	7567.00	82.16	4.09	7391.43	244.41	243.76	30.15	22.27	419560.74	573846.45	N 32 9 12.27	W 104 13 40.64
	7600.00	88.80	4.56	7394.03	277.25	276.55	32.53	20.17	419593.52	573850.93	N 32 9 12.59	W 104 13 40.62
	7631.00	93.79	4.55	7397.42	308.18	307.43	35.09	16.10	419624.94	573853.39	N 32 9 13.20	W 104 13 40.59
	7684.00	95.66	5.15	7397.87	369.97	369.97	40.40	3.57	419686.94	573855.69	N 32 9 13.51	W 104 13 40.52
	7789.00	91.99	5.42	7381.39	456.37	454.32	49.12	4.19	419721.28	573867.42	N 32 9 14.45	W 104 13 40.42
	7882.00	91.38	4.27	7376.65	555.15	556.95	56.97	1.40	419873.90	573877.27	N 32 9 15.36	W 104 13 40.33
	7977.00	91.37	1.89	7376.37	653.08	651.78	62.08	2.50	419868.72	573880.37	N 32 9 16.30	W 104 13 40.27
	8012.00	91.31	0.36	7374.15	748.05	746.73	63.69	1.93	420063.66	573881.99	N 32 9 17.24	W 104 13 40.25
	8165.00	93.24	0.66	7370.46	840.95	839.65	64.03	2.10	420156.58	573882.33	N 32 9 18.16	W 104 13 40.24
	8260.00	93.51	1.60	7364.87	935.78	934.47	65.66	1.33	420251.39	573883.65	N 32 9 19.10	W 104 13 40.18
	8355.00	91.10	3.22	7361.05	1030.68	1029.30	69.65	3.06	420346.21	573887.94	N 32 9 20.04	W 104 13 40.18
	8450.00	92.30	4.65	7359.23	1125.54	1124.03	76.16	1.96	420440.93	573894.46	N 32 9 20.98	W 104 13 40.10
	8545.00	93.10	3.74	7353.75	1220.31	1218.67	83.11	1.27	420534.56	574001.40	N 32 9 21.91	W 104 13 40.02
	8644.00	92.93	3.31	7348.54	1319.11	1317.35	89.18	0.47	420634.23	574007.48	N 32 9 22.59	W 104 13 39.95
	8740.00	93.75	2.13	7343.50	1414.95	1413.10	93.73	1.24	420729.97	574012.92	N 32 9 23.54	W 104 13 39.89
	8835.00	93.75	2.06	7337.82	1509.77	1507.87	97.20	0.69	420824.73	574015.49	N 32 9 24.77	W 104 13 39.85
	8931.00	94.06	0.11	7331.28	1605.54	1603.63	99.01	2.05	420920.48	574017.30	N 32 9 25.72	W 104 13 39.83
	9022.00	92.41	356.55	7325.69	1791.28	1789.45	98.74	1.91	421011.32	574017.03	N 32 9 26.62	W 104 13 39.83
	9177.00	88.14	358.14	7325.69	1986.15	1984.39	96.00	0.32	421201.21	574015.95	N 32 9 27.56	W 104 13 39.84
	9212.00	88.25	358.86	7325.69	2082.57	2080.81	93.70	0.57	421295.13	574011.99	N 32 9 28.50	W 104 13 39.86
	9306.00	88.32	358.33	7331.50	1979.99	1978.32	93.70	0.57	421295.13	574011.99	N 32 9 29.43	W 104 13 39.89
	9401.00	88.28	357.04	7334.31	2074.75	2073.19	89.86	1.36	421390.00	574008.15	N 32 9 30.37	W 104 13 39.93
	9496.00	88.32	356.27	7339.73	2169.39	2167.99	84.32	0.81	421484.79	574002.04	N 32 9 31.31	W 104 13 39.99
	9591.00	88.28	356.82	7339.73	2264.01	2262.77	78.80	0.58	421579.79	573996.89	N 32 9 32.24	W 104 13 40.06
	9686.00	88.25	358.64	7342.53	2358.77	2357.65	74.84	1.92	421674.44	573993.15	N 32 9 33.18	W 104 13 40.13
	9780.00	88.42	0.25	7345.56	2452.67	2451.61	73.93	1.72	421768.38	573992.22	N 32 9 34.11	W 104 13 40.11
	9875.00	88.42	0.81	7348.18	2547.63	2546.57	74.81	0.59	421863.33	573993.10	N 32 9 35.05	W 104 13 40.10
	9970.00	88.49	1.59	7352.74	2642.59	2641.51	76.79	0.82	421958.27	573995.09	N 32 9 35.99	W 104 13 40.07
	10064.00	89.21	2.01	7352.63	2738.57	2735.44	79.75	0.88	422052.19	573998.04	N 32 9 36.92	W 104 13 40.04
	10155.00	89.07	2.10	7353.99	2827.55	2826.37	83.01	0.18	422143.11	574001.30	N 32 9 37.87	W 104 13 40.00
	10250.00	89.14	2.76	7355.48	2922.52	2921.28	87.04	0.70	422238.01	574005.33	N 32 9 38.76	W 104 13 39.95
	10349.00	90.62	3.72	7355.68	3021.47	3020.11	92.63	1.78	422336.84	574010.92	N 32 9 39.74	W 104 13 39.89
	10443.00	91.96	3.08	7353.57	3115.38	3113.92	96.21	1.58	422430.64	574005.80	N 32 9 40.67	W 104 13 39.82
	10537.00	91.69	1.73	7350.57	3209.32	3207.79	102.15	1.46	422524.50	574002.44	N 32 9 41.59	W 104 13 39.77
	10632.00	90.66	1.14	7348.46	3304.29	3302.74	104.53	1.07	422618.43	574004.35	N 32 9 42.57	W 104 13 39.74
	10727.00	90.72	0.59	7347.15	3399.28	3397.71	105.86	0.60	422714.40	574024.35	N 32 9 43.47	W 104 13 39.73
	10821.00	91.55	358.86	7345.29	3493.24	3491.69	106.53	1.16	422808.37	574024.62	N 32 9 44.40	W 104 13 39.72
	10916.00	91.38	358.96	7342.66	3588.18	3586.66	105.20	0.22	422903.33	574024.09	N 32 9 45.34	W 104 13 39.72
	11010.00	91.48	358.54	7340.51	3682.11	3680.63	105.80	0.48	422997.30	574024.09	N 32 9 46.27	W 104 13 39.73
	11105.00	91.20	358.82	7338.28	3777.02	3775.60	104.44	0.61	423092.25	574016.69	N 32 9 47.21	W 104 13 39.74
	11199.00	91.14	358.25	7336.37	3870.78	3869.48	100.40	2.73	423186.13	574012.31	N 32 9 48.14	W 104 13 39.79
	11293.00	91.44	355.96	7334.26	3964.36	3963.24	94.02	0.44	423279.88	574012.31	N 32 9 49.07	W 104 13 39.66
	11385.00	91.37	355.92	7332.00	4055.91	4054.98	87.51	0.09	423371.61	574005.80	N 32 9 49.98	W 104 13 39.63
	11479.00	91.58	356.72	7329.58	4149.52	4148.76	81.48	0.88	423465.38	573999.77	N 32 9 50.91	W 104 13 40.00
	11575.00	91.58	357.59	7326.43	4245.22	4244.80	76.71	0.91	423561.21	573995.04	N 32 9 51.85	W 104 13 40.08
	11671.00	91.44	359.67	7324.40	4341.07	4340.53	74.42	2.17	423657.14	573992.71	N 32 9 52.80	W 104 13 40.06
	11763.00	91.10	1.36	7322.35	4433.03	4432.50	75.24	1.87	423749.10	573993.54	N 32 9 53.71	W 104 13 40.07
	11858.00	91.27	3.3									

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (%/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
	18.000		1661.000		Act Stns	30.000	30.000	SLB_MWD-POOR			Original Borehole / Cimarex Scoter 6 Federal #3H	
	1661.000		1987.000		1/98.425	30.000	30.000	SLB_MWD-POOR			Original Borehole / Cimarex Scoter 6 Federal #3H	
	1987.000		6503.720		Act Stns	30.000	30.000	SLB_MWD-POOR			Original Borehole / Cimarex Scoter 6 Federal #3H	
	6503.720		11870.000		Act Stns	30.000	30.000	SLB_MWD-STD			Original Borehole / Cimarex Scoter 6 Federal #3H	
	11870.000		11940.000		Act Stns	30.000	30.000	SLB_BLIND+TREND			Original Borehole / Cimarex Scoter 6 Federal #3H	