

30-015-38373

BURNETT OIL CO. INC.

Field: Eddy County, NM
 Site: Stevens "A" 17H
 Well: #17H
 Wellpath: Lateral

RECEIVED

OCT 13 2011

NMOCD ARTESIA

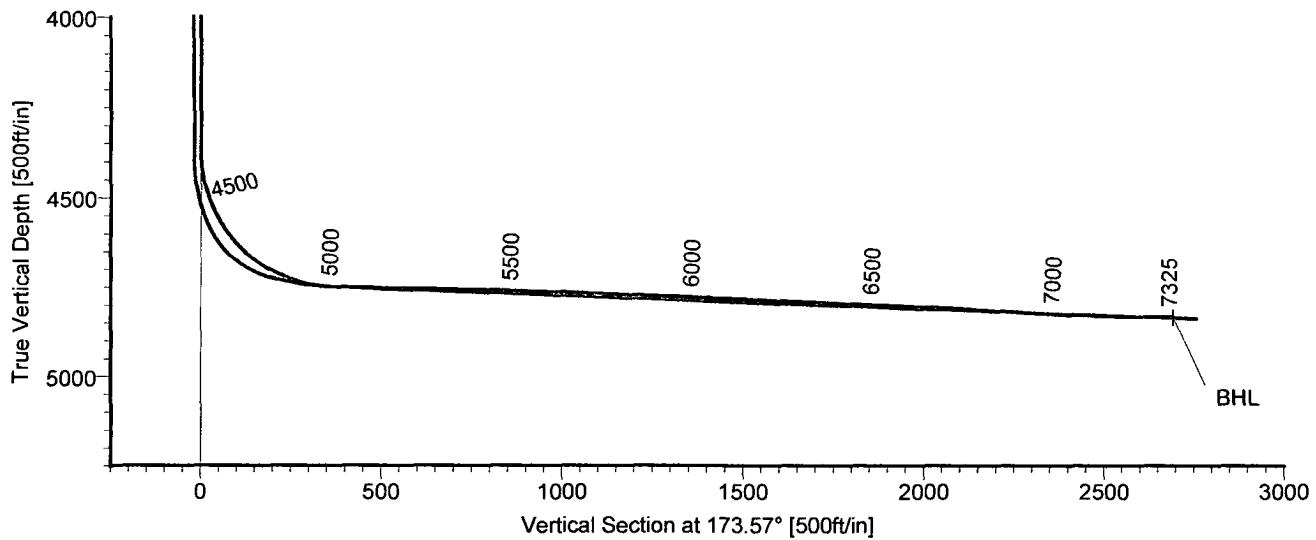
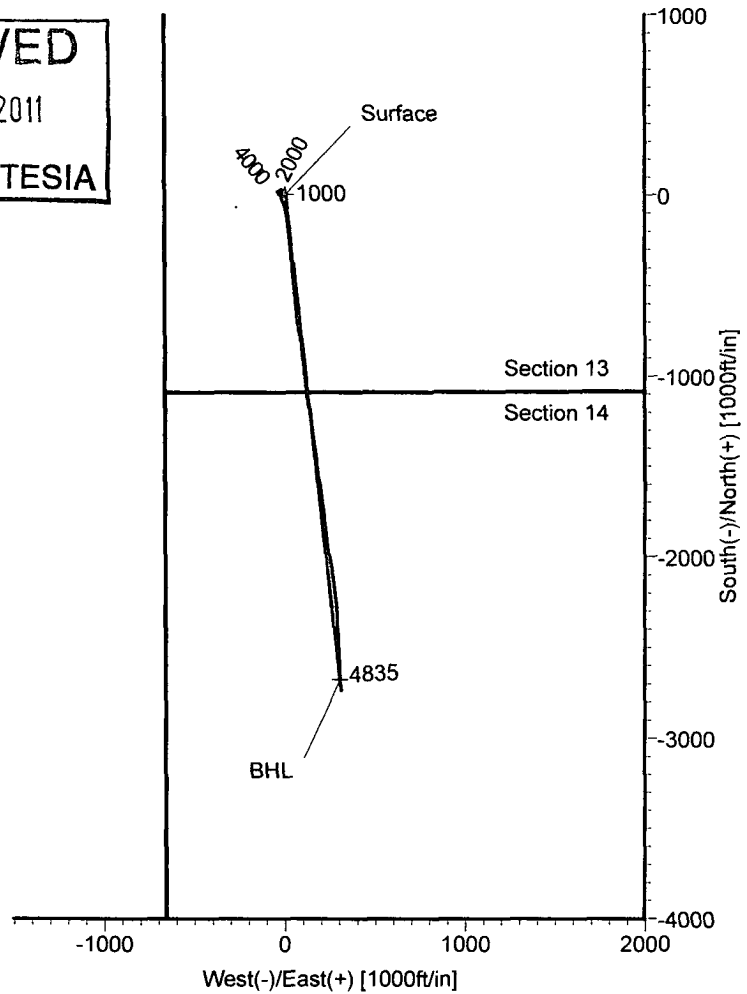


Azimuths to Grid North
 True North: -0.22°
 Magnetic North: 7 62°

Magnetic Field
 Strength: 49000nT
 Dip Angle: 60.69°
 Date: 02/17/2011
 Model IGRF2010

LEGEND

— #17H, Lateral, Plan #3
 — Lateral



TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
Surface	0.00	0.00	0.00	665939.18	623498.99	32°49'48.387N	103°55'52.607W	Point
BHL	4834.55	-2674.54	303.45	663264.64	623802.44	32°49'21.911N	103°55'49.170W	Point

Wellpath (#17H/Lateral)

ALLIS-CHALMERS DIRECTIONAL DRILLING SERVICES

911 Regional Park Drive Houston, Texas 77060

Phone: 713-934-9600 Fax: 713-934-9067

Created By Ivonne Gonzalez

Date 02/24/2011



DIRECTIONAL
 DRILLING SERVICES

Allis-Chalmers Energy, Inc.

Survey Report

Company: BURNETT OIL CO INC. Field: Eddy County, NM Site: Stevens "A" 17H Well: #17H Wellpath: Lateral				Date: 02/24/2011 Co-ordinate(NE) Reference: Well: #17H, Grid North Vertical (TVD) Reference: 3690'GL+12'KB 3702.0 Section (VS) Reference: Well (0.00N,0.00E,173.57Azi) Survey Calculation Method: Minimum Curvature				Time: 08:00.50 Page: 1																																																																																																																																																																																																																																																					
Field: Eddy County, NM 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: IGRF2010																																																																																																																																																																																																																																																			
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<tr><td>720.00</td><td>1.75</td><td>309.09</td><td>719.67</td><td>1.25</td><td>-12.61</td><td>-2.65</td><td>0.50</td><td>0.10</td><td>16.07</td><td>Gyroscope</td></tr> <tr><td>750.00</td><td>1.50</td><td>317.22</td><td>749.66</td><td>1.82</td><td>-13.23</td><td>-3.29</td><td>1.13</td><td>-0.83</td><td>27.10</td><td>Gyroscope</td></tr> <tr><td>780.00</td><td>1.49</td><td>321.86</td><td>779.65</td><td>2.42</td><td>-13.74</td><td>-3.94</td><td>0.40</td><td>-0.03</td><td>15.47</td><td>Gyroscope</td></tr> <tr><td>810.00</td><td>1.60</td><td>314.80</td><td>809.64</td><td>3.02</td><td>-14.28</td><td>-4.60</td><td>0.73</td><td>0.37</td><td>-23.53</td><td>Gyroscope</td></tr> <tr><td>840.00</td><td>1.66</td><td>318.51</td><td>839.63</td><td>3.64</td><td>-14.86</td><td>-5.28</td><td>0.40</td><td>0.20</td><td>12.37</td><td>Gyroscope</td></tr> <tr><td>870.00</td><td>1.91</td><td>329.72</td><td>869.61</td><td>4.40</td><td>-15.40</td><td>-6.10</td><td>1.43</td><td>0.83</td><td>37.37</td><td>Gyroscope</td></tr> <tr><td>900.00</td><td>1.91</td><td>331.31</td><td>899.60</td><td>5.27</td><td>-15.90</td><td>-7.02</td><td>0.18</td><td>0.00</td><td>5.30</td><td>Gyroscope</td></tr> </tbody> </table>												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	Tool/Comment	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	TIE LINE	330.00	2.04	189.76	329.93	-5.79	-1.00	5.64	0.62	0.62	0.00	Gyroscope	360.00	2.06	307.68	359.92	-5.99	-1.51	5.78	11.71	0.07	393.07	Gyroscope	390.00	2.21	313.42	389.90	-5.26	-2.36	4.96	0.87	0.50	19.13	Gyroscope	420.00	2.27	308.34	419.88	-4.49	-3.25	4.10	0.69	0.20	-16.93	Gyroscope	450.00	2.30	297.34	449.85	-3.85	-4.25	3.35	1.46	0.10	-36.67	Gyroscope	480.00	2.43	308.82	479.83	-3.17	-5.28	2.56	1.63	0.43	38.27	Gyroscope	510.00	2.12	297.93	509.80	-2.51	-6.26	1.80	1.77	-1.03	-36.30	Gyroscope	540.00	2.29	298.00	539.78	-1.97	-7.28	1.14	0.57	0.57	0.23	Gyroscope	570.00	2.25	302.80	569.76	-1.37	-8.31	0.43	0.65	-0.13	16.00	Gyroscope	600.00	2.32	297.31	599.73	-0.77	-9.34	-0.28	0.77	0.23	-18.30	Gyroscope	630.00	1.92	296.89	629.71	-0.27	-10.33	-0.89	1.33	-1.33	-1.40	Gyroscope	660.00	1.69	303.84	659.70	0.21	-11.14	-1.45	1.06	-0.77	23.17	Gyroscope	690.00	1.72	304.27	689.69	0.70	-11.88	-2.03	0.11	0.10	1.43	Gyroscope	720.00	1.75	309.09	719.67	1.25	-12.61	-2.65	0.50	0.10	16.07	Gyroscope	750.00	1.50	317.22	749.66	1.82	-13.23	-3.29	1.13	-0.83	27.10	Gyroscope	780.00	1.49	321.86	779.65	2.42	-13.74	-3.94	0.40	-0.03	15.47	Gyroscope	810.00	1.60	314.80	809.64	3.02	-14.28	-4.60	0.73	0.37	-23.53	Gyroscope	840.00	1.66	318.51	839.63	3.64	-14.86	-5.28	0.40	0.20	12.37	Gyroscope	870.00	1.91	329.72	869.61	4.40	-15.40	-6.10	1.43	0.83	37.37	Gyroscope	900.00	1.91	331.31	899.60	5.27	-15.90	-7.02	0.18	0.00	5.30	Gyroscope
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750.00	1.50	317.22	749.66	1.82	-13.23	-3.29	1.13	-0.83	27.10	Gyroscope																																																																																																																																																																																																																																																			
780.00	1.49	321.86	779.65	2.42	-13.74	-3.94	0.40	-0.03	15.47	Gyroscope																																																																																																																																																																																																																																																			
810.00	1.60	314.80	809.64	3.02	-14.28	-4.60	0.73	0.37	-23.53	Gyroscope																																																																																																																																																																																																																																																			
840.00	1.66	318.51	839.63	3.64	-14.86	-5.28	0.40	0.20	12.37	Gyroscope																																																																																																																																																																																																																																																			
870.00	1.91	329.72	869.61	4.40	-15.40	-6.10	1.43	0.83	37.37	Gyroscope																																																																																																																																																																																																																																																			
900.00	1.91	331.31	899.60	5.27	-15.90	-7.02	0.18	0.00	5.30	Gyroscope																																																																																																																																																																																																																																																			

Allis-Chalmers Energy, Inc.

Survey Report

Company: BURNETT OIL CO. INC.	Date: 02/24/2011	Time: 08:00:50	Page: 2
Field: Eddy County, NM	Co-ordinate(NE) Reference:	Well: #17H, Gnd North	
Site: Stevens "A" 17H	Vertical (TVD) Reference:	3690'GL+12'KB 3702.0	
Well: #17H	Section (VS) Reference:	Well (0.00N,0.00E,173.57Azi)	
Wellpath: Lateral	Survey Calculation Method:	Minimum Curvature	Db: Adapt

Survey

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	Tool/Comment
930.00	1.67	330.47	929.58	6.09	-16.35	-7.88	0.80	-0.80	-2.80	Gyroscope
960.00	1.92	334.16	959.57	6.92	-16.79	-8.76	0.92	0.83	12.30	Gyroscope
990.00	2.12	343.40	989.55	7.90	-17.16	-9.78	1.27	0.67	30.80	Gyroscope
1020.00	1.86	352.93	1019.53	8.92	-17.38	-10.81	1.40	-0.87	31.77	Gyroscope
1050.00	1.83	357.17	1049.51	9.88	-17.47	-11.78	0.47	-0.10	14.13	Gyroscope
1080.00	1.89	1.87	1079.50	10.85	-17.47	-12.74	0.55	0.20	15.67	Gyroscope
1110.00	2.02	1.77	1109.48	11.88	-17.44	-13.76	0.43	0.43	-0.33	Gyroscope
1140.00	1.96	1.40	1139.46	12.92	-17.41	-14.79	0.20	-0.20	-1.23	Gyroscope
1170.00	1.85	356.90	1169.45	13.92	-17.43	-15.78	0.62	-0.37	-15.00	Gyroscope
1200.00	1.96	356.69	1199.43	14.91	-17.48	-16.77	0.37	0.37	-0.70	Gyroscope
1230.00	1.94	354.50	1229.41	15.93	-17.56	-17.79	0.26	-0.07	-7.30	Gyroscope
1260.00	1.67	355.61	1259.40	16.87	-17.64	-18.74	0.91	-0.90	3.70	Gyroscope
1290.00	1.59	354.85	1289.39	17.72	-17.71	-19.59	0.28	-0.27	-2.53	Gyroscope
1320.00	1.33	356.57	1319.38	18.48	-17.77	-20.36	0.88	-0.87	5.73	Gyroscope
1350.00	1.38	355.39	1349.37	19.19	-17.82	-21.06	0.19	0.17	-3.93	Gyroscope
1380.00	1.18	2.88	1379.36	19.86	-17.83	-21.73	0.87	-0.67	24.97	Gyroscope
1410.00	1.08	8.10	1409.35	20.45	-17.78	-22.31	0.48	-0.33	17.40	Gyroscope
1440.00	1.11	9.07	1439.35	21.01	-17.69	-22.86	0.12	0.10	3.23	Gyroscope
1470.00	1.11	7.77	1469.34	21.59	-17.61	-23.42	0.08	0.00	-4.33	Gyroscope
1500.00	1.01	3.26	1499.34	22.14	-17.55	-23.97	0.43	-0.33	-15.03	Gyroscope
1530.00	0.99	358.34	1529.33	22.66	-17.55	-24.49	0.29	-0.07	-16.40	Gyroscope
1560.00	0.99	350.37	1559.33	23.18	-17.60	-25.00	0.46	0.00	-26.57	Gyroscope
1590.00	0.92	341.94	1589.32	23.66	-17.72	-25.50	0.52	-0.23	-28.10	Gyroscope
1620.00	0.86	332.44	1619.32	24.09	-17.89	-25.94	0.53	-0.20	-31.67	Gyroscope
1650.00	0.74	331.87	1649.32	24.46	-18.09	-26.33	0.40	-0.40	-1.90	Gyroscope
1680.00	0.48	321.19	1679.32	24.73	-18.26	-26.62	0.94	-0.87	-35.60	Gyroscope
1710.00	0.45	339.59	1709.32	24.94	-18.38	-26.84	0.51	-0.10	61.33	Gyroscope
1740.00	0.43	357.91	1739.31	25.16	-18.43	-27.07	0.47	-0.07	61.07	Gyroscope
1770.00	0.48	20.36	1769.31	25.39	-18.39	-27.29	0.61	0.17	74.83	Gyroscope
1800.00	0.49	5.40	1799.31	25.64	-18.33	-27.53	0.42	0.03	-49.87	Gyroscope
1830.00	0.55	359.90	1829.31	25.91	-18.32	-27.80	0.26	0.20	-18.33	Gyroscope
1860.00	0.54	14.59	1859.31	26.19	-18.28	-28.07	0.47	-0.03	48.97	Gyroscope
1890.00	0.53	356.25	1889.31	26.47	-18.26	-28.34	0.57	-0.03	-61.13	Gyroscope
1920.00	0.65	346.25	1919.31	26.77	-18.31	-28.65	0.53	0.40	-33.33	Gyroscope
1950.00	0.61	334.47	1949.30	27.08	-18.41	-28.97	0.45	-0.13	-39.27	Gyroscope
1980.00	0.65	308.06	1979.30	27.33	-18.62	-29.24	0.97	0.13	-88.03	Gyroscope
2010.00	0.64	289.85	2009.30	27.49	-18.91	-29.43	0.68	-0.03	-60.70	Gyroscope
2040.00	0.57	284.57	2039.30	27.58	-19.21	-29.56	0.30	-0.23	-17.60	Gyroscope
2070.00	0.56	272.04	2069.30	27.63	-19.50	-29.64	0.41	-0.03	-41.77	Gyroscope
2100.00	0.48	257.50	2099.30	27.60	-19.77	-29.64	0.51	-0.27	-48.47	Gyroscope
2130.00	0.34	239.89	2129.30	27.53	-19.97	-29.60	0.62	-0.47	-58.70	Gyroscope
2160.00	0.43	235.56	2159.30	27.42	-20.14	-29.51	0.32	0.30	-14.43	Gyroscope
2190.00	0.42	229.86	2189.29	27.29	-20.32	-29.39	0.14	-0.03	-19.00	Gyroscope
2220.00	0.43	237.90	2219.29	27.16	-20.50	-29.28	0.20	0.03	26.80	Gyroscope
2250.00	0.40	223.66	2249.29	27.02	-20.66	-29.17	0.36	-0.10	-47.47	Gyroscope
2280.00	0.24	253.61	2279.29	26.93	-20.80	-29.09	0.75	-0.53	99.83	Gyroscope
2310.00	0.31	278.10	2309.29	26.92	-20.94	-29.10	0.45	0.23	81.63	Gyroscope
2340.00	0.51	284.91	2339.29	26.97	-21.15	-29.17	0.69	0.67	22.70	Gyroscope
2370.00	0.68	286.84	2369.29	27.06	-21.45	-29.29	0.57	0.57	6.43	Gyroscope
2400.00	0.78	277.56	2399.29	27.13	-21.82	-29.41	0.52	0.33	-30.93	Gyroscope
2430.00	0.88	279.09	2429.28	27.20	-22.25	-29.52	0.34	0.33	5.10	Gyroscope
2460.00	0.84	270.38	2459.28	27.23	-22.70	-29.61	0.46	-0.13	-29.03	Gyroscope
2490.00	0.83	250.85	2489.28	27.16	-23.12	-29.58	0.94	-0.03	-65.10	Gyroscope
2520.00	0.87	246.78	2519.27	27.00	-23.54	-29.47	0.24	0.13	-13.57	Gyroscope

Allis-Chalmers Energy, Inc.

Survey Report

Company: BURNETT OIL CO. INC.	Date: 02/24/2011	Time: 08 00:50	Page: 3
Field: Eddy County, NM	Co-ordinate(NE) Reference:	Well: #17H, Grid North	
Site: Stevens "A" 17H	Vertical (TVD) Reference:	3690'GL+12'KB 3702.0	
Well: #17H	Section (VS) Reference:	Well (0.00N,0.00E,173.57Azi)	
Wellpath: Lateral	Survey Calculation Method:	Minimum Curvature	Db: Adapti

Survey

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	Tool/Comment
2550.00	0.81	241.72	2549.27	26.81	-23.93	-29.33	0.32	-0.20	-16.87	Gyroscope
2580.00	0.64	233.68	2579.27	26.61	-24.25	-29.16	0.66	-0.57	-26.80	Gyroscope
2610.00	0.47	259.04	2609.27	26.49	-24.51	-29.07	0.98	-0.57	84.53	Gyroscope
2640.00	0.40	264.57	2639.27	26.46	-24.74	-29.06	0.27	-0.23	18.43	Gyroscope
2670.00	0.53	269.30	2669.27	26.45	-24.98	-29.08	0.45	0.43	15.77	Gyroscope
2700.00	0.62	264.53	2699.26	26.43	-25.28	-29.09	0.34	0.30	-15.90	Gyroscope
2730.00	0.83	259.92	2729.26	26.38	-25.65	-29.08	0.73	0.70	-15.37	Gyroscope
2760.00	0.89	252.34	2759.26	26.27	-26.09	-29.02	0.43	0.20	-25.27	Gyroscope
2790.00	0.98	244.06	2789.25	26.08	-26.54	-28.89	0.54	0.30	-27.60	Gyroscope
2820.00	0.92	229.94	2819.25	25.82	-26.96	-28.67	0.80	-0.20	-47.07	Gyroscope
2850.00	0.80	209.73	2849.25	25.48	-27.25	-28.37	1.08	-0.40	-67.37	Gyroscope
2880.00	0.64	201.69	2879.24	25.14	-27.41	-28.05	0.63	-0.53	-26.80	Gyroscope
2910.00	0.54	219.03	2909.24	24.88	-27.56	-27.81	0.68	-0.33	57.80	Gyroscope
2940.00	0.52	216.83	2939.24	24.66	-27.73	-27.61	0.10	-0.07	-7.33	Gyroscope
2970.00	0.50	230.14	2969.24	24.47	-27.92	-27.44	0.40	-0.07	44.37	Gyroscope
3000.00	0.57	243.31	2999.24	24.31	-28.15	-27.31	0.47	0.23	43.90	Gyroscope
3030.00	0.69	247.99	3029.24	24.18	-28.45	-27.21	0.43	0.40	15.60	Gyroscope
3060.00	0.72	245.11	3059.24	24.03	-28.79	-27.11	0.15	0.10	-9.60	Gyroscope
3090.00	0.72	232.48	3089.23	23.84	-29.11	-26.95	0.53	0.00	-42.10	Gyroscope
3120.00	0.70	222.23	3119.23	23.59	-29.38	-26.73	0.43	-0.07	-34.17	Gyroscope
3150.00	0.68	216.12	3149.23	23.31	-29.61	-26.48	0.25	-0.07	-20.37	Gyroscope
3180.00	0.54	202.55	3179.23	23.03	-29.77	-26.22	0.67	-0.47	-45.23	Gyroscope
3210.00	0.47	185.94	3209.23	22.78	-29.84	-25.98	0.54	-0.23	-55.37	Gyroscope
3240.00	0.33	196.66	3239.22	22.58	-29.87	-25.78	0.53	-0.47	35.73	Gyroscope
3270.00	0.31	214.21	3269.22	22.43	-29.94	-25.64	0.33	-0.07	58.50	Gyroscope
3300.00	0.39	238.30	3299.22	22.31	-30.08	-25.53	0.55	0.27	80.30	Gyroscope
3330.00	0.65	236.62	3329.22	22.16	-30.31	-25.41	0.87	0.87	-5.60	Gyroscope
3360.00	0.71	243.97	3359.22	21.98	-30.61	-25.27	0.35	0.20	24.50	Gyroscope
3390.00	1.01	251.85	3389.22	21.82	-31.03	-25.16	1.07	1.00	26.27	Gyroscope
3420.00	1.12	245.11	3419.21	21.61	-31.55	-25.01	0.56	0.37	-22.47	Gyroscope
3450.00	1.26	242.76	3449.21	21.34	-32.11	-24.80	0.49	0.47	-7.83	Gyroscope
3480.00	1.39	238.70	3479.20	21.00	-32.71	-24.53	0.53	0.43	-13.53	Gyroscope
3510.00	1.28	227.67	3509.19	20.58	-33.27	-24.18	0.93	-0.37	-36.77	Gyroscope
3540.00	1.31	222.13	3539.18	20.10	-33.75	-23.76	0.43	0.10	-18.47	Gyroscope
3570.00	1.25	220.61	3569.17	19.60	-34.19	-23.31	0.23	-0.20	-5.07	Gyroscope
3600.00	1.24	216.71	3599.17	19.09	-34.60	-22.85	0.28	-0.03	-13.00	Gyroscope
3630.00	1.13	223.32	3629.16	18.62	-35.00	-22.42	0.58	-0.37	22.03	Gyroscope
3660.00	1.03	233.68	3659.16	18.24	-35.42	-22.09	0.73	-0.33	34.53	Gyroscope
3690.00	0.89	240.64	3689.15	17.97	-35.84	-21.87	0.61	-0.47	23.20	Gyroscope
3720.00	0.84	243.74	3719.15	17.76	-36.24	-21.70	0.23	-0.17	10.33	Gyroscope
3750.00	1.00	255.42	3749.14	17.59	-36.69	-21.59	0.82	0.53	38.93	Gyroscope
3780.00	1.19	254.02	3779.14	17.44	-37.24	-21.50	0.64	0.63	-4.67	Gyroscope
3810.00	1.19	249.83	3809.13	17.25	-37.83	-21.38	0.29	0.00	-13.97	Gyroscope
3840.00	1.24	243.86	3839.13	17.00	-38.42	-21.19	0.45	0.17	-19.90	Gyroscope
3870.00	1.24	242.90	3869.12	16.71	-39.00	-20.97	0.07	0.00	-3.20	Gyroscope
3900.00	1.15	245.91	3899.11	16.44	-39.56	-20.76	0.37	-0.30	10.03	Gyroscope
3930.00	1.13	237.46	3929.11	16.15	-40.08	-20.54	0.56	-0.07	-28.17	Gyroscope
3960.00	0.95	233.36	3959.10	15.85	-40.53	-20.29	0.65	-0.60	-13.67	Gyroscope
3990.00	0.94	229.75	3989.10	15.54	-40.92	-20.02	0.20	-0.03	-12.03	Gyroscope
4020.00	0.74	231.60	4019.09	15.26	-41.26	-19.79	0.67	-0.67	6.17	Gyroscope
4050.00	0.57	248.52	4049.09	15.09	-41.55	-19.64	0.85	-0.57	56.40	Gyroscope
4080.00	0.74	271.36	4079.09	15.04	-41.88	-19.63	1.03	0.57	76.13	Gyroscope
4110.00	0.89	263.64	4109.09	15.01	-42.31	-19.66	0.62	0.50	-25.73	Gyroscope

Survey Report

Date: 02/24/2011 **Time:** 08:00:50 **Page:** 4

Co-ordinate(NE) Reference: Well: #17H, Grid North

Vertical (TVD) Reference: 3690'GL+12'KB 3702.0

Section (VS) Reference: Well (0.00N,0.00E,173.57Azi)

Survey Calculation Method: Minimum Curvature **Db:** Adapti

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	Tool/Comment
4140.00	1.00	258.06	4139.08	14 93	-42.80	-19.63	0.48	0.37	-18.60	Gyroscope
4170.00	1.11	248.96	4169.08	14.78	-43.32	-19 53	0.67	0.37	-30.33	Gyroscope
4200.00	1 12	241 40	4199.07	14.53	-43.85	-19.35	0.49	0 03	-25.20	Gyroscope
4230.00	0 90	229 04	4229.07	14.24	-44.29	-19.11	1.03	-0.73	-41.20	Gyroscope
4260.00	0.73	229.63	4259.06	13.96	-44.61	-18.87	0.57	-0.57	1.97	Gyroscope
4290.00	0.73	242.44	4289.06	13.75	-44.93	-18.69	0.54	0.00	42.70	Gyroscope
4320.00	0.81	253.81	4319.06	13.60	-45.30	-18.59	0.57	0.27	37.90	Gyroscope
4359.00	1.00	264.00	4358.05	13.49	-45.90	-18.54	0.64	0.49	26.13	MWD
4390.00	1.50	107.70	4389.05	13.33	-45.79	-18.38	7.90	1.61	-504.19	MWD
4422.00	5.20	115.00	4420.99	12.59	-44.07	-17.45	11.62	11.56	22.81	MWD
4454.00	9.10	131.30	4452.74	10.31	-40.85	-14.82	13.62	12.19	50.94	MWD
4485.00	12.80	141.00	4483 17	6.02	-36.85	-10.11	13.29	11.94	31.29	MWD
4517.00	16.70	148.70	4514.11	-0.67	-32.23	-2.95	13.62	12.19	24.06	MWD
4549.00	20.50	153.40	4544.44	-9.61	-27.33	6.49	12.76	11.87	14.69	MWD
4581.00	25.10	156.90	4573.93	-20 87	-22.15	18.26	14 98	14.37	10.94	MWD
4612.00	30.90	159.30	4601.29	-34.37	-16.76	32.28	19 06	18.71	7.74	MWD
4644.00	37.50	161.40	4627.75	-51.31	-10.74	49.79	20 95	20.62	6.56	MWD
4676.00	44.70	163.90	4651.85	-71.38	-4.50	70.43	23.07	22.50	7.81	MWD
4708.00	51.00	167.00	4673.31	-94.34	1.42	93.90	20.95	19.69	9.69	MWD
4740.00	57.30	169.80	4692.05	-119.73	6.61	119.72	20 92	19.69	8.75	MWD
4772.00	63.60	172.20	4707.82	-147.21	10.94	147.51	20.74	19.69	7.50	MWD
4803.00	70.20	173.30	4719.98	-175.49	14.53	176.01	21.54	21.29	3.55	MWD
4827.00	75.90	174.30	4726.97	-198.30	17.01	198.96	24.08	23.75	4.17	MWD
4860.00	78.80	174.50	4734.20	-230.34	20.15	231.15	8.81	8.79	0.61	MWD
4891.00	80.10	174.10	4739.87	-260.67	23.18	261.62	4.38	4.19	-1.29	MWD
4922.00	82.60	174.20	4744.54	-291.15	26.30	292.27	8.07	8.06	0.32	MWD
4954.00	85 50	175.00	4747.85	-322.83	29.30	324.08	9.40	9.06	2.50	MWD
4986.00	87.00	174.40	4749.95	-354 63	32.25	356.01	5 05	4.69	-1.87	MWD
5017.00	88.50	175.10	4751.16	-385 47	35.08	386.98	5.34	4.84	2.26	MWD
5049.00	88.40	174.50	4752.03	-417.33	37.98	418.96	1.90	-0.31	-1.87	MWD
5081.00	89.00	175.60	4752.75	-449.20	40.74	450.94	3.91	1.87	3.44	MWD
5113.00	89.30	175.70	4753.23	-481.11	43.17	482.91	0.99	0.94	0.31	MWD
5144.00	88.80	174.30	4753.74	-511.98	45.87	513.90	4.79	-1.61	-4 52	MWD
5176.00	89.10	174.70	4754.33	-543.83	48.93	545.89	1.56	0.94	1.25	MWD
5208.00	88.80	174.00	4754.92	-575.6						

Allis-Chalmers Energy, Inc.

Survey Report

Company: BURNETT OIL CO. INC. Field: Eddy County, NM Site: Stevens "A" 17H Well: #17H Wellpath: Lateral	Date: 02/24/2011 Time: 08:00:50 Page: 5 Co-ordinate(NE) Reference: Well: #17H, Grid North Vertical (TVD) Reference: 3690'GL+12'KB 3702.0 Section (VS) Reference: Well (0.00N,0.00E,173.57Azi) Survey Calculation Method: Minimum Curvature Db: Adapti
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Survey

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	Tool/Comment
6255.00	87.30	172.60	4790.04	-1612.53	192.22	1623.91	1.09	0.00	1.09	MWD
6318.00	87.80	172.50	4792.74	-1674.94	200.38	1686.84	0.81	0.79	-0.16	MWD
6382.00	86.90	172.80	4795.70	-1738.34	208.56	1750.77	1.48	-1.41	0.47	MWD
6446.00	86.90	172.80	4799.16	-1801.75	216.57	1814.67	0.00	0.00	0.00	MWD
6509.00	87.40	172.70	4802.29	-1864.17	224.51	1877.58	0.81	0.79	-0.16	MWD
6573.00	88.00	171.80	4804.86	-1927.53	233.14	1941.51	1.69	0.94	-1.41	MWD
6636.00	88.00	171.00	4807.06	-1989.78	242.55	2004.43	1.27	0.00	-1.27	MWD
6700.00	87.60	169.20	4809.51	-2052.78	253.55	2068.26	2.88	-0.62	-2.81	MWD
6763.00	85.60	171.40	4813.25	-2114.76	264.14	2131.04	4.71	-3.17	3.49	MWD
6827.00	86.20	173.00	4817.83	-2178.01	272.80	2194.86	2.66	0.94	2.50	MWD
6890.00	87.10	174.10	4821.51	-2240.50	279.87	2257.75	2.25	1.43	1.75	MWD
6954.00	87.30	176.00	4824.64	-2304.18	285.38	2321.65	2.98	0.31	2.97	MWD
6986.00	86.80	177.20	4826.28	-2336.08	287.28	2353.56	4.06	-1.56	3.75	MWD
7049.00	87.40	177.40	4829.47	-2398.93	290.24	2416.34	1.00	0.95	0.32	MWD
7113.00	88.20	177.50	4831.93	-2462.82	293.09	2480.15	1.26	1.25	0.16	MWD
7176.00	88.80	177.20	4833.58	-2525.73	296.00	2542.99	1.06	0.95	-0.48	MWD
7240.00	89.50	177.00	4834.52	-2589.64	299.24	2606.86	1.14	1.09	-0.31	MWD
7274.00	90.10	177.20	4834.64	-2623.60	300.96	2640.80	1.86	1.76	0.59	MWD
7325.00	90.10	177.20	4834.55	-2674.54	303.45	2691.70	0.00	0.00	0.00	PROJECTED to TD

Targets

Name	Description Dip. Dir.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	<--- Latitude ---> Deg Min Sec			<--- Longitude ---> Deg Min Sec		
Surface		0.00	0.00	0.00	665939.18	623498.99	32	49	48.387 N	103	55	52.607 W
BHL		4834.55	-2674.54	303.45	663264.64	623802.44	32	49	21.911 N	103	55	49.170 W