

30.015.37801

BURNETT OIL CO. INC.

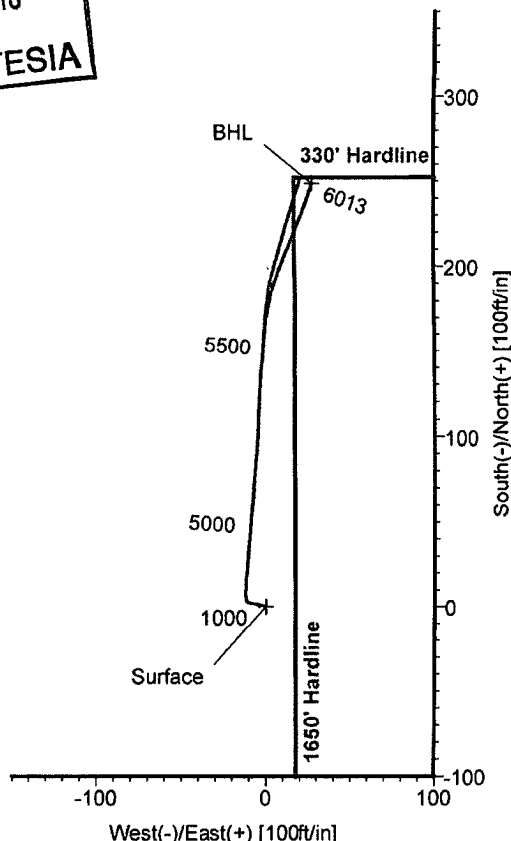
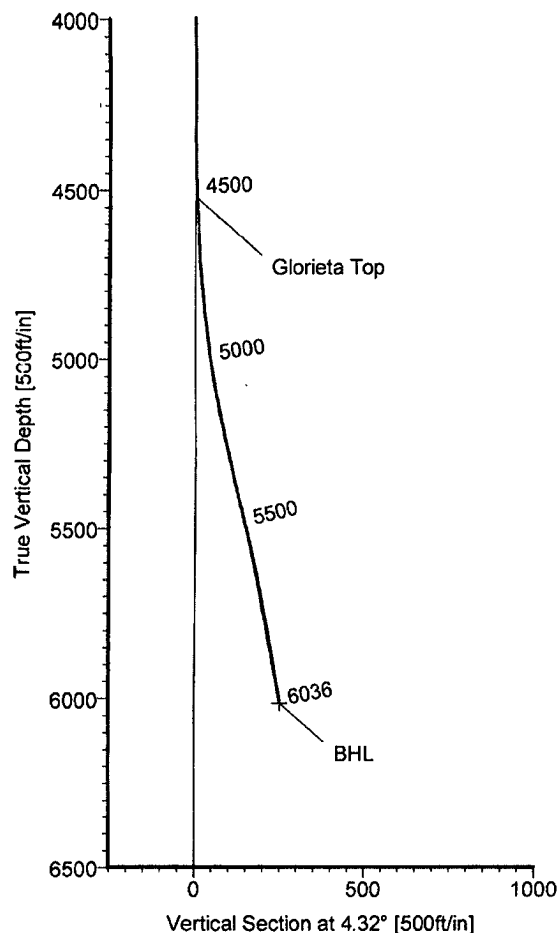
Field: Eddy County, NM
Site: Stevens B-5
Well: B-5
Wellpath: Original Hole

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NMOCD ARTESIA



Azimuths to Grid North
True North: -0.22°
Magnetic North: 7.71°

Magnetic Field
Strength: 49081nT
Dip Angle: 60.72°
Date: 5/21/2010
Model: IGRF2010



FORMATION TOP DETAILS

No.	TVDP	MDP	Formation
1	4521.00	4521.06	Glorieta Top

LEGEND

- B-5, Original Hole, Plan #7 proj
- Original Hole

TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
Surface	0.00	0.00	0.00	669550.94	624442.67	32°50'24.091N	103°55'41.385W	Point
BHL	6012.63	248.70	27.63	669799.64	624470.30	32°50'26.550N	103°55'41.050W	Point

Wellpath: (B-5/Original Hole)

Created By: Ivonne Gonzalez

Date: 6/2/2010

ALLIS-CHALMERS DIRECTIONAL DRILLING SERVICES
911 Regional Park Drive Houston, Texas 77060
Phone: 713-934-9600 Fax: 713-934-9067



DIRECTIONAL
DRILLING SERVICES

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NMOCD ARTESIA

Allis-Chalmers Energy, Inc.

Survey Report

Company: BURNETT OIL CO. INC.		Date: 6/2/2010	Time: 15:25:01	Page: 1
Field: Eddy County, NM		Co-ordinate(NE) Reference: Well: B-5, Grid North		
Site: Stevens B-5		Vertical (TVD) Reference: SITE 00		
Well: B-5		Section (VS) Reference: Well (0.00N,0.00E,4.32Azi)		
Wellpath: Original Hole		Survey Calculation Method: Minimum Curvature Db: Adapti		

Field: Eddy County, NM	
Map System: US State Plane Coordinate System 1927	Map Zone: New Mexico, Eastern Zone
Geo Datum: NAD27 (Clarke 1866)	Coordinate System: Well Centre
Sys Datum: Mean Sea Level	Geomagnetic Model: IGRF2010

Site: Stevens B-5	
Site Position:	Northing: 669550.94 ft
From: Map	Easting: 624442.67 ft
Position Uncertainty: 0.00 ft	Latitude: 32 50 24.091 N
Ground Level: 3739.00 ft	Longitude: 103 55 41.385 W
	North Reference: Grd
	Grid Convergence: 0 22 deg

Well: B-5		Slot Name:	
Well Position: +N/-S 0.00 ft	Northing: 669550.94 ft	Latitude: 32 50 24.091 N	
+E/-W 0.00 ft	Easting: 624442.67 ft	Longitude: 103 55 41.385 W	
Position Uncertainty: 0.00 ft			

Wellpath: Original Hole		Drilled From: Surface	
Current Datum: SITE	Height 0 00 ft	Tie-on Depth: 0 00 ft	
Magnetic Data: 5/21/2010		Above System Datum: Mean Sea Level	
Field Strength: 49081 nT		Declination: 7.93 deg	
Vertical Section: Depth From (TVD)	+N/-S	Mag Dip Angle: 60.72 deg	
ft	ft	+E/-W	Direction
		ft	deg
0.00	0.00	0 00	4 32

Survey Program for Definitive Wellpath			
Date: 6/2/2010	Validated: No	Version: 0	
Actual From To	Survey	Toolcode	Tool Name
ft ft			
4300.00 5980.00	Survey #2 (4300.00-5980.00)	MWD	Std MWD
6036.00 6036.00	Survey #3 (6036.00-6036.00)	Project	Projection

Survey										
MD	Incl	Azim	TVD	+N/-S	+E/-W	VS	DLS	Build	Turn	Tool/Comment
ft	deg	deg	ft	ft	ft	ft	deg/100ft	deg/100ft	deg/100ft	
0 00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	TIE LINE
4300.00	0.30	282.40	4299.98	2.42	-10.99	1.58	0.01	0.01	0.00	MWD
4332.00	0.20	276.70	4331.98	2.44	-11.13	1.60	0.32	-0.31	-17.81	MWD
4363.00	0.40	328.90	4362.98	2.54	-11.24	1.69	1.03	0.65	168.39	MWD
4395.00	0.70	340.50	4394.98	2.82	-11.36	1.96	1.00	0.94	36.25	MWD
4427.00	1.00	346.10	4426.97	3.28	-11.50	2.40	0.97	0.94	17.50	MWD
4459.00	1.40	353.50	4458.97	3.94	-11.61	3.05	1.34	1.25	23.12	MWD
4490.00	1.80	351.90	4489.96	4.79	-11.72	3.90	1.30	1.29	-5.16	MWD
4521.06	2.19	357.76	4521.00	5.87	-11.81	4.96	1.41	1.25	18.85	Glorieta Top
4522.00	2.20	357.90	4521.94	5.91	-11.81	5.00	1.41	1.28	15.40	MWD
4554.00	2.30	358.70	4553.91	7.16	-11.85	6.25	0.33	0.31	2.50	MWD
4585.00	2.60	1.50	4584.88	8.49	-11.85	7.57	1.04	0.97	9.03	MWD
4617.00	3.00	3.00	4616.84	10.05	-11.78	9.13	1.27	1.25	4.69	MWD
4649.00	3.20	2.20	4648.80	11.78	-11.70	10.86	0.64	0.62	-2.50	MWD
4680.00	3.60	2.30	4679.74	13.61	-11.63	12.70	1.29	1.29	0.32	MWD
4712.00	4.00	4.60	4711.67	15.73	-11.50	14.82	1.34	1.25	7.19	MWD
4744.00	4.30	5.00	4743.59	18.04	-11.31	17.13	0.94	0.94	1.25	MWD
4776.00	4.80	4.40	4775.49	20.57	-11.10	19.67	1.57	1.56	-1.87	MWD
4807.00	5.50	3.80	4806.36	23.34	-10.90	22.46	2.26	2.26	-1.94	MWD
4839.00	5.80	5.50	4838.21	26.48	-10.65	25.61	1.07	0.94	5.31	MWD
4871.00	6.20	5.00	4870.03	29.81	-10.34	28.95	1.26	1.25	-1.56	MWD
4902.00	6.60	5.70	4900.84	33.25	-10.02	32.40	1.31	1.29	2.26	MWD

Allis-Chalmers Energy, Inc.

Survey Report

Company: BURNETT OIL CO INC Field: Eddy County, NM Site: Stevens B-5 Well: B-5 Wellpath: Original Hole				Date: 6/2/2010 Time: 15:25:01 Co-ordinate(NE) Reference: Well: B-5, Grid North Vertical (TVD) Reference: SITE 0.0 Section (VS) Reference: Well (0.00N,0.00E,4.32Azi) Survey Calculation Method: Minimum Curvature Db: Adapti				Page: 2	
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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
4934.00	7.20	5.40	4932.61	37.08	-9.65	36.25	1.88	1.87	-0.94	MWD
4966.00	7.70	4.10	4964.34	41.21	-9.31	40.40	1.65	1.56	-4.06	MWD
4998.00	8.30	4.20	4996.02	45.66	-8.98	44.85	1.88	1.87	0.31	MWD
5029.00	8.90	4.40	5026.68	50.28	-8.63	49.49	1.94	1.94	0.65	MWD
5061.00	9.10	4.70	5058.28	55.27	-8.24	54.49	0.64	0.62	0.94	MWD
5093.00	9.80	4.90	5089.85	60.50	-7.80	59.75	2.19	2.19	0.62	MWD
5124.00	10.30	5.10	5120.37	65.89	-7.33	65.15	1.62	1.61	0.65	MWD
5156.00	10.80	4.40	5151.83	71.73	-6.84	71.01	1.61	1.56	-2.19	MWD
5188.00	11.30	4.10	5183.24	77.85	-6.39	77.15	1.57	1.56	-0.94	MWD
5219.00	11.80	4.30	5213.61	84.04	-5.93	83.35	1.62	1.61	0.65	MWD
5251.00	12.30	4.80	5244.90	90.70	-5.40	90.03	1.60	1.56	1.56	MWD
5283.00	12.50	3.90	5276.16	97.55	-4.88	96.91	0.87	0.62	-2.81	MWD
5315.00	12.80	2.50	5307.38	104.55	-4.49	103.91	1.34	0.94	-4.37	MWD
5346.00	13.20	1.80	5337.59	111.51	-4.23	110.88	1.39	1.29	-2.26	MWD
5378.00	13.50	2.30	5368.72	118.90	-3.97	118.26	1.00	0.94	1.56	MWD
5410.00	13.70	3.00	5399.82	126.42	-3.62	125.78	0.81	0.62	2.19	MWD
5441.00	13.80	3.90	5429.94	133.77	-3.17	133.15	0.76	0.32	2.90	MWD
5473.00	13.70	4.30	5461.02	141.36	-2.63	140.76	0.43	-0.31	1.25	MWD
5505.00	13.40	3.80	5492.13	148.83	-2.10	148.25	1.01	-0.94	-1.56	MWD
5536.00	12.80	4.10	5522.32	155.84	-1.62	155.28	1.95	-1.94	0.97	MWD
5568.00	12.20	5.40	5553.56	162.75	-1.04	162.21	2.07	-1.87	4.06	MWD
5600.00	11.70	7.90	5584.87	169.33	-0.28	168.82	2.25	-1.56	7.81	MWD
5631.00	11.10	11.50	5615.26	175.36	0.75	174.92	3.00	-1.94	11.61	MWD
5663.00	11.00	15.10	5646.67	181.33	2.16	180.98	2.18	-0.31	11.25	MWD
5695.00	10.80	17.00	5678.09	187.14	3.83	186.90	1.28	-0.62	5.94	MWD
5726.00	10.80	19.90	5708.54	192.65	5.67	192.53	1.75	0.00	9.35	MWD
5758.00	10.90	21.30	5739.97	198.29	7.78	198.31	0.88	0.31	4.37	MWD
5790.00	11.20	22.80	5771.37	203.98	10.09	204.16	1.30	0.94	4.69	MWD
5822.00	11.40	22.80	5802.75	209.76	12.52	210.10	0.62	0.62	0.00	MWD
5853.00	11.40	22.80	5833.14	215.40	14.89	215.91	0.00	0.00	0.00	MWD
5885.00	11.40	23.00	5864.51	221.23	17.35	221.91	0.12	0.00	0.62	MWD
5917.00	11.60	22.40	5895.87	227.12	19.82	227.96	0.73	0.62	-1.87	MWD
5948.00	11.40	20.60	5926.25	232.87	22.08	233.87	1.33	-0.65	-5.81	MWD
5980.00	10.90	19.00	5957.64	238.69	24.18	239.83	1.84	-1.56	-5.00	MWD
6036.00	10.90	19.00	6012.63	248.70	27.63	250.07	0.00	0.00	0.00	BHL

Targets													
Name	Description Dip. Dir.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	<--- Latitude --->			<--- Longitude --->			
							Deg	Min	Sec	Deg	Min	Sec	
Surface		0.00	0.00	0.00	669550.94	624442.67	32	50	24.091	N	103	55	41.385
BHL		6012.63	248.70	27.63	669799.64	624470.30	32	50	26.550	N	103	55	41.050

Formations				
MD ft	TVD ft	Formations	Lithology	Dip Angle deg Dip Direction deg
4521.06	4521.00	Glorieta Top		0.00 0.00