

B.T.A. Oil Producers
8817 JV-P GRAMA "B" #1
660 FSL. 1980 FwL Sec. 27, 21S-34E
Lea County, New Mexico

Measured Depth (Ft)	Course Length (100's Ft)	Angle of Inclination (Degrees)	Displacement /100 Ft	Course Displacement (Ft)	Accumulative Displacement (Ft)
11868	1.78	1.25	2.18	3.88	183.08
12060	1.92	1.25	2.18	4.19	187.27
12632	5.72	0.75	1.31	7.49	194.76
13170	5.38	0.75	1.31	7.05	201.81

Accumulative total displacement of well bore at total depth of 13,170' = 201.81'.
Inclination measurements were made in - Drill pipe.

Notary Seal

Subscribed and sworn to before me this 6th day of July, 1989

Glenda J. Parker Tulsa, Oklahoma
Notary Public County

My commission expires September 9, 1989.

INCLINATION DATA CERTIFICATION

Signature of Authorized Representative

H.L. Jennings, Acctg. Mgr.
Name of Person and Title (type or print)

Parker Drilling Company
Name of Company

Telephone: 918-585-8221
Area Code

OPERATOR CERTIFICATION

Signature of Authorized Representative

DOROTHY HOUGHTON - Regulatory Administrator
Name of Person and Title (type or print)

BTA OIL PRODUCERS
Operator

Telephone: (915) 682-3753
Area Code

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OCT 5 1989

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MOBBS OFFICE

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Measured Depth (Ft)	Course Length (100's Ft)	Angle of Inclination (Degrees)	Displacement /100 Ft	Course Displacement (Ft)	Accumulative Displacement (Ft)
251	2.51	0.75	1.31	3.29	3.29
739	4.88	0.75	1.31	6.39	9.68
930	1.91	0.75	1.31	2.50	12.18
1197	2.67	0.25	0.44	1.17	13.35
1490	2.93	0.25	0.44	1.29	14.64
1928	4.38	0.75	1.31	5.74	20.38
2428	5.00	0.25	0.44	2.20	22.58
2925	4.97	0.50	0.87	4.32	26.90
3362	4.37	1.25	2.18	9.53	36.43
3612	2.50	1.25	2.18	5.45	41.88
3794	1.82	1.50	2.62	4.77	46.65
4047	2.53	1.50	2.62	6.63	53.28
4297	2.50	1.00	1.75	4.38	57.66
4550	2.53	1.00	1.75	4.43	62.09
5260	7.10	0.75	1.31	9.30	71.39
5360	1.00	0.75	1.31	1.31	72.70
5844	4.84	1.25	2.18	10.55	83.25
6334	4.90	0.25	0.44	2.16	85.41
6830	4.96	0.25	0.44	2.18	87.59
7328	4.98	0.50	0.87	4.33	91.92
7826	4.98	0.50	0.87	4.33	96.25
8320	4.94	0.50	0.87	4.30	100.55
8838	5.18	0.50	0.87	4.51	105.06
9065	2.27	1.00	1.75	3.97	109.03
9359	2.94	2.75	4.80	14.11	123.14
9484	1.25	1.75	3.05	3.81	126.95
9638	1.54	1.25	2.18	3.36	130.31
9914	2.76	1.00	1.75	4.83	135.14
10235	3.21	0.75	1.31	4.21	139.35
10531	2.96	1.25	2.18	6.45	145.80
10841	3.10	2.00	3.49	10.82	156.62
11152	3.11	2.00	3.49	10.85	167.47
11630	4.78	1.25	2.18	10.42	177.89
11690	0.60	1.25	2.18	1.31	179.20

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