



FAX TRANSMISSION

CROSS TIMBERS OIL COMPANY

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To: MR. Michael Stogner Date: 2/2/01
N.M.O.C.D.

Fax #: (505) 476-3462 Pages: 9 including this cover sheet.

From: Tim Welch

Subject: Well Diagrams: ~~Wt~~ Indians # A-33
Utc M+n. Gas Com M#2

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COMMENTS: MR. Stogner: Pls. find Attached the
info. you requested Re: OUR Application for
Admin Approval As to the Above two (2) wells.

THANKS!
Tim Welch



Structure : Ute Indians A-33

Slot : slot 71

Field :

Location : SAN JUAN COUNTY, NEW MEXICO

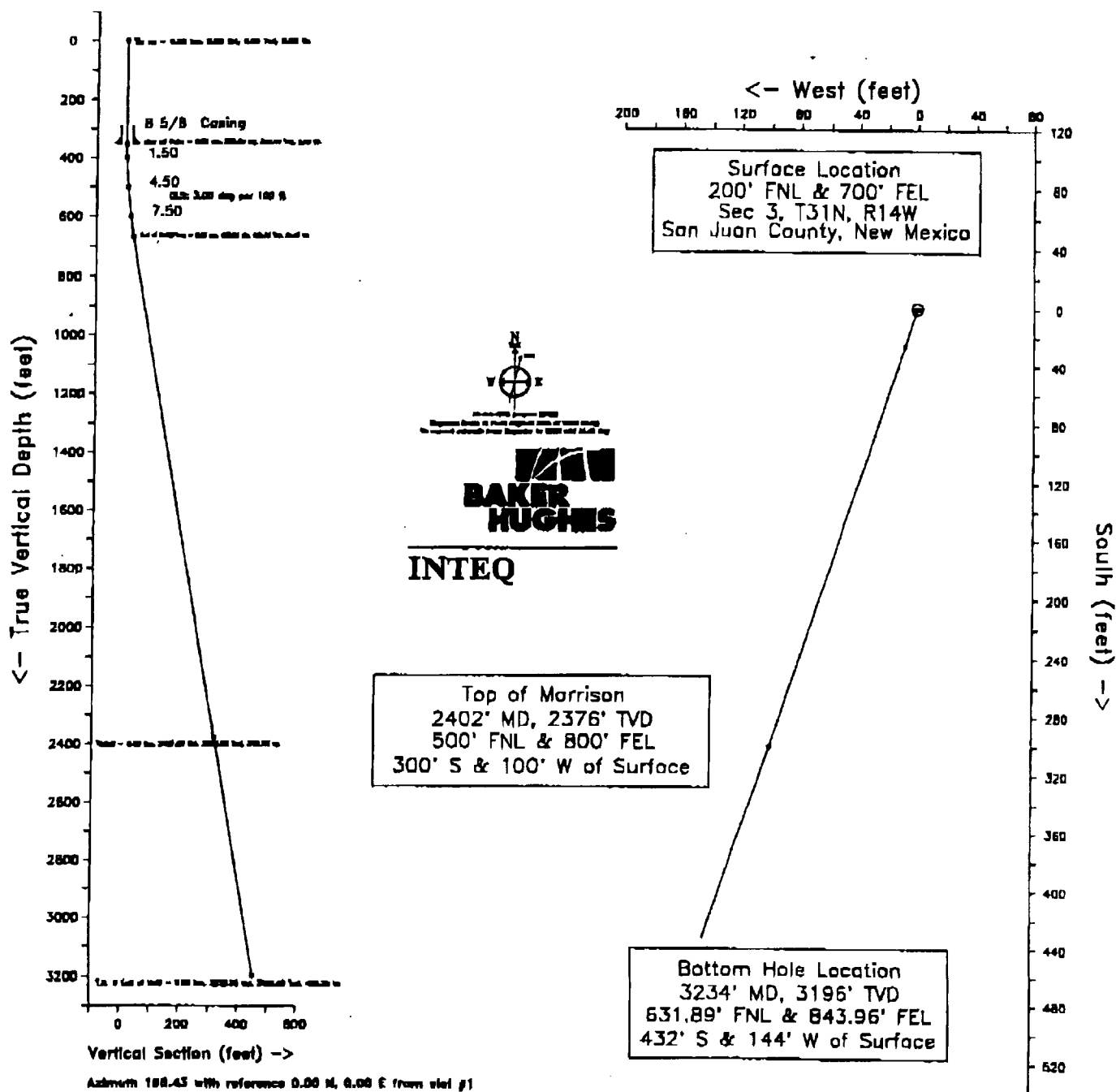
Created by user
Data plotted : 12-Oct-2000
Plot Reference is 3 Day BUR.
Coordinates are in last reference plot #1.
True Vertical Depths are reference rotary table.

--- Baker Hughes INTEC ---

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WELL PROFILE DATA

Point	MD	Inc	Dir	TVD	North	East	V. Sect	Deg/100'
Tie on	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KOP	350.00	0.00	0.00	350.00	0.00	0.00	0.00	0.00
End of Build/Turn	870.74	9.62	198.43	669.24	-25.49	-8.50	26.87	3.00
Target	2401.86	9.62	198.43	2378.00	-300.00	-100.00	316.23	0.00
T.D. & End of Hole	3233.56	9.62	198.43	3196.00	-431.89	-143.96	455.25	0.00



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CROSS TIMBERS OPERATING CO.
Ute Indians A-33

slot #1

SAN JUAN COUNTY, NEW MEXICO

P R O P O S A L L I S T I N G

by
Baker Hughes INTEQ

Your ref : 3 Deg BUR
Our ref : prop2584
License :

Date printed : 12-Oct-2000
Date created : 12-Oct-2000
Last revised : 12-Oct-2000

Field is centred on 0.000,0.000,999.00000,N
Structure is centred on n37 0 0.000,w108 10 0.000,3

Slot location is n37 0 0.000,w108 10 0.000
Slot Grid coordinates are N 2183440.074, E 402661.435
Slot local coordinates are 0.00 N 0.00 E

Projection type: mercator - New Mexico West (3003), Spheroid: Clarke - 1866

Reference North is True North

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PROPOSAL LISTING Page 1
Your ref : 3 Deg BUR
Last revised : 12-Oct-2000

CROSS TIMBERS OPERATING CO.
Ute Indians A-33, slot #1
, SAN JUAN COUNTY, NEW MEXICO

Measured Depth	Inclin. Degrees	Azimuth Degrees	True Vert Depth	R E C T A N G U L A R C O O R D I N A T E S	Dogleg Deg/100ft	Vert Sect
0.00	0.00	0.00	0.00	0.00 N	0.00 E	0.00
350.00	0.00	0.00	350.00	0.00 N	0.00 E	0.00
400.00	1.50	198.43	399.99	0.62 S	0.21 W	0.65
500.00	4.50	198.43	499.85	5.59 S	1.86 W	5.89
600.00	7.50	198.43	599.29	15.50 S	5.17 W	16.34
670.74	9.62	198.43	669.24	25.49 S	8.50 W	26.87
1000.00	9.62	198.43	993.86	77.70 S	25.90 W	81.91
1500.00	9.62	198.43	1486.83	156.99 S	52.33 W	165.48
2000.00	9.62	198.43	1979.79	236.28 S	78.76 W	249.06
2401.86	9.62	198.43	2376.00	300.00 S	100.00 W	316.23
2500.00	9.62	198.43	2472.76	315.56 S	105.19 W	332.63
3000.00	9.62	198.43	2965.72	394.85 S	131.62 W	416.21
3233.56	9.62	198.43	3196.00	431.89 S	143.96 W	455.25

All data is in feet unless otherwise stated.
Coordinates from slot #1 and TVD from rotary table.
Bottom hole distance is 435.25 on azimuth 198.43 degrees from wellhead.
Vertical section is from N 0.00 E 0.00 on azimuth 198.43 degrees.
Calculation uses the minimum curvature method.
Presented by Baker Hughes INTEQ

CROSS TIMBERS OPERATING CO.
Ute Indians A-33, slot #1
, SAN JUAN COUNTY, NEW MEXICO

PROPOSAL LISTING Page 2
Your ref : 3 Deg BUR
Last revised : 12-Oct-2000

Casing positions in string 'A'

Top MD	Top TVD	Rectangular Coords.	Bot MD	Bot TVD	Rectangular Coords.	Casing
0.00	0.00	0.00N	350.00	350.00	0.00N	0.00E 8 5/8" Casing

Targets associated with this wellpath

Target name	Geographic Location	T.V.D.	Rectangular Coordinates	Revised
		2376.00	300.00S	100.00W
				12-Oct-2000

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