

UNIVERSITY

RAILROAD COMMISSION OF TEXAS
Oil and Gas DivisionForm W-2
Rev. 4/1/83

Type or print only

OCT 11 2000

EAC0897

LANDS		API No. 42-003-38502	7. RRC District No. 8
Oil Well Potential Test, Completion or Recompletion Report, and Log			8. RRC Lease No. 35926
1. FIELD NAME (as per RRC Records or Wildcat)	2. LEASE NAME	9. Well No.	
University Block 9 (Devonian)	University 9 CEC	881	
3. OPERATORS NAME (Exactly as shown on P-5, Organization Report)		10. County of well site	
Cross Timbers Operating Company		Andrews	
4. ADDRESS		11. Purpose of filing	
3000 N. Garfield, Suite 175, Midland, Texas 79705		Initial Potential <input checked="" type="checkbox"/>	
5. If (operator has changed within the last 60 days, name the former operator)		Retest <input type="checkbox"/>	
6a. Location (Section, Block, and Survey)		Revisit <input type="checkbox"/>	
Sec. 14 Blk. 9 DL		Well record only <input type="checkbox"/>	
6b. Distance and direction to nearest town in this county.		(explain in Remarks)	
7 miles southwest of Andrews, TX			
12. If workover or reclass, give former field (with reservoir) & gas ID or oil lease no.	GAS ID or OIL LEASE #	Oil - O Gas - G	WELL NO.
FIELD & RESERVOIR			
13. Type of electric or other log run		14. Completion or recompletion date	
None on horizontal lateral		9/7/2000	

SECTION I: POTENTIAL TEST DATA

IMPORTANT: Test should be for 24 hours unless otherwise specified in field rules.

15. Date of test 9/24/2000	16. No. of hours tested 24	17. Production method (Flowing, Gas Lift, Jetting, Pumping - Size & Type of pump) Sub Pump		18. Casing size
19. Production during Test Period	Oil - BHLS 249	Gas - MCF 98	Water - BHLS 348	Flowing Tubing Pressure 394 PSI
20. Calculated 24-Hour Rate	Oil - BHLS 249	Gas - MCF 98	Water - BHLS 348	Casing Pressure 42.5 PSI
21. Was swab used during this test? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		22. Oil produced prior to test (New & Reworked wells) 900		23. Injection Gas-Oil Ratio
REMARKS: added horizontal lateral to wellbore.				

INSTRUCTIONS: File an original and one copy of the completed Form W-2 in the appropriate RRC District Office within 30 days after completing a well and within 10 days after a potential test. If an operator does not properly report the results of a potential test within the 10-day period, the effective date of the allowable assigned to the well will not extend back more than 10 days before the W-2 was received in the District Office. (Statewide Rules 16 and 51) To report a completion or recompletion, fill in both sides of this form. To report a retest, fill in only the front side.

WELL TESTER'S CERTIFICATION

I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I conducted or supervised this test by observation of (a) meter readings or (b) the top and bottom gauges of each tank into which production was run during the test. I further certify that the potential test data shown above is true, correct, and complete, to the best of my knowledge.

Joe Smith, Cross Timbers Operating Company

Signature: Well Tester

Name of Company

RRC Representative

OPERATOR'S CERTIFICATION

I declare under the penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this report, that this report was prepared by me under my supervision and direction, and that data and facts stated therein are true, correct, and complete, to the best of my knowledge.

James Courtney

Typed or printed name of operator's representative

Regulatory Tech

Title of Person

915/682-8873

Telephone: Area Code Number

10 / 09 / 2000

Date: mo. day year

Signature

James Courtney

SECTION II DATA ON WELL COMPLETION AND LOG (Not Required on Retest)									
24. Type of Completion New Well <input type="checkbox"/> Deepening <input type="checkbox"/> Plug Back <input type="checkbox"/> Other <input checked="" type="checkbox"/> ADDED HORIZONTAL LATERAL					25. Permit to Drill, Plug Back or Deepen DATE 8/2/2000 PERMIT NO. 497954 Rule 37 CASE NO. Exception Water Injection PERMIT NO. Permit Salt Water Disposal PERMIT NO. Other PERMIT NO.				
26. Notice of Intention to Drill this well was filed in Name of Cross Timbers Operating Company									
27. Number of producing wells on this lease in this field (reservoir) including this well 4			28. Total number of acres in this lease 320						
29. Date Plug Back, Deepening, Workover or Drilling Operations: 8/9/2000		Commenced 8/21/2000		Completed 1089' BHL		30. Distance to nearest well Same Lease & Reservoir			
31. Location of well, relative to nearest lease boundaries of lease on which this well is located (Surf) 1450 Feet from North Line and 1500 Feet from East Line of the University 9 CMC					32. Elevation (D.F., R.K.B., N.T., C.R., L.T.V.) GR 3151'				
34. Top of Pay 10390'		35. Total Depth 11908' (MD) 10516' (TVB)		36. P. B. Depth 10,391'		37. Surface Casing Determined by: <input type="checkbox"/> Field <input type="checkbox"/> Recommendation of F.D.W.R. Railroad Commission (Specify)		38. Is well multiple completion? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
				39. If multiple completion, list all reservoir names (completions in this well) and Oil Lease or Gas ID No. FIELD & RESERVOIR		40. Intervals Perforated By: GAS ID or OIL LEASE # <input type="checkbox"/> ON-43 Gas-G <input type="checkbox"/> WELL # <input type="checkbox"/>		41. Norm of Drilling Contractor Ray/Scientific Drilling	
								42. Is Cementing Affidavit Attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
43. CASING RECORD (Report All Strings Set in Well)									
CASING SIZE	WT. LBS.	DEPTH SET	SHL. INSTAGR. TOOL JOINT	TYPE & AMOUNT CEMENT (Surf)	HOLE SIZE	TOP OF CEMENT	SLURRY VOL. cu ft.		
13-3/8"	48#	311'		375sx CI C	17-1/2"	Surf	502		
8-5/8"	32#	5203'	1750'	860sx 35/65	11"		2113		
				POZ C-200sx CI	C				
				2nd Stage Cmt*					
*616sx 35/65 Poz C + 200sx CI C near TOC Surf on 2nd Stage, Slurry 1457.									
44. LINER RECORD									
Size	WT.	Depth	Sacks Cement		Screen				
None									
45. TUBING RECORD									
Size	Depth Set	Perfor Set	46. Producing Interval (If no completion, indicate depth of perforation or open hole)						
2-7/8"	10,066'		From	10,380'	To	11,915' (MD) OH			
			From		To				
			From		To				
47. ACID, SHUT-FRACTURE, CEMENT SQUEEZE, ETC.									
Depth Interval			Amount and Kind of Material Used						
10,380-11,915'			10,000 g. 7.5% NEPE HCl acid						
48. FORMATION RECORD (LIST DEPTHS OF PRINCIPAL GEOLOGICAL MARKERS AND FORMATION TOPS)									
Formation	Depth	Formation	Depth						
Devonian	4600'	Wolfcamp	8390'						
San Andres	4925'	Permian	8745'						
Tobacco	6010'	Devonian	10,371'						
REMARKS #43 - 5-1/2" cpg, 17# set @ 10,721'. 1st Stage cmt - 725 sx 50/50 Poz H. circ. 2nd Stage cmt - 565sx 35/65 Poz H + 100 sx CI H, DVT @ 8032', 7-7/8" hole, TOC @ 3200' (TS). 8/7/00 Set CTRP @ 10,391'. Milled window from 10,381' to 10,391'. Kick Off Point @ 10,391'. Devonian OH lateral @ 10,380-11,915' (MD). BHL 893' PVL @ 2521' PVL.									

CROSS TIMBERS OPERATING CO.
University 9 CEC No.8H

slot #1
BLK. 9 DEVONIAN
ANDREWS CO., TEXAS

S U R V E Y L I S T I N G

by
Baker Hughes INTEQ

Your ref : Gyro/MWD
Our ref : svy1434
License :

Date printed : 26-Sep-2000
Date created : 4-Aug-2000
Last revised : 26-Sep-2000

Field is centred on 429051.000,234682.000,999.00000,N
Structure is centred on 435199.000,232501.000,3.00000,N

Slot location is n32 12 7.651,w102 33 37.982
Slot Grid coordinates are N 232501.000, E 435199.000
Slot local coordinates are 0.00 N 0.00 E

Projection type: lambert - Texas North Central (4202), Spheroid: Clarke - 1866
Reference North is Grid North

CROSS TIMBERS OPERATING CO.
University 9 CEC No.8H, slot #1
BLK. 9 DEVONIAN, ANDREWS CO., TEXAS

SURVEY LISTING Page 1
Your ref : Gyro/MWD
Last revised : 26-Sep-2000

Measured Depth	Inclin Degrees	Azimuth Degrees	True Depth	VERT COR	RECTANGULAR L A R	Dogleg Deg/100ft	VERT Sect	G R I D Easting	C O O R D S Northing
0.00	0.00	0.00	0.00	0.00N	0.00E	0.00	0.00	435199.00	232501.00
100.00	0.17	12.56	100.00	0.15N	0.03E	0.17	-0.13	435199.03	232501.15
200.00	0.29	332.24	200.00	0.52N	0.05W	0.20	-0.52	435198.95	232501.52
300.00	0.42	316.61	300.00	1.01N	0.42W	0.15	-1.09	435198.58	232502.01
400.00	0.39	300.62	399.99	1.45N	0.96W	0.12	-1.65	435198.04	232502.45
500.00	0.35	282.92	499.99	1.69N	1.56W	0.12	-2.04	435197.44	232502.69
600.00	0.32	272.08	599.99	1.77N	2.14W	0.07	-2.26	435196.86	232502.77
700.00	0.17	244.80	699.99	1.72N	2.55W	0.19	-2.32	435196.45	232502.72
800.00	0.12	242.48	799.99	1.60N	2.78W	0.05	-2.27	435196.22	232502.60
900.00	0.23	259.02	899.99	1.51N	3.08W	0.12	-2.26	435195.92	232502.51
1000.00	0.20	266.91	999.99	1.46N	3.46W	0.04	-2.31	435195.54	232502.46
1100.00	0.41	285.50	1099.99	1.55N	3.98W	0.23	-2.53	435195.02	232502.55
1200.00	0.51	318.50	1199.98	1.98N	4.63W	0.28	-3.11	435194.37	232502.98
1300.00	0.12	293.84	1299.98	2.36N	5.02W	0.41	-3.58	435193.98	232503.36
1400.00	0.52	301.44	1399.98	2.64N	5.50W	0.40	-3.97	435193.50	232503.64
1500.00	0.13	212.70	1499.98	2.78N	5.95W	0.53	-4.23	435193.05	232503.78
1600.00	0.34	266.77	1599.98	2.67N	6.31W	0.29	-4.22	435192.69	232503.67
1700.00	0.25	191.54	1699.98	2.44N	6.65W	0.37	-4.08	435192.35	232503.44
1800.00	0.41	248.49	1799.98	2.09N	7.03W	0.35	-3.85	435191.97	232503.09
1900.00	0.16	285.79	1899.97	2.00N	7.49W	0.30	-3.88	435191.51	232503.00
2000.00	0.89	71.87	1999.97	2.28N	6.88W	1.03	-3.99	435192.12	232503.28
2100.00	0.90	74.41	2099.96	2.73N	5.39W	0.04	-4.04	435193.61	232503.73
2200.00	0.82	71.63	2199.95	3.17N	3.96W	0.09	-4.09	435195.04	232504.17
2300.00	0.80	75.62	2299.94	3.57N	2.60W	0.06	-4.12	435196.40	232504.57
2400.00	1.09	69.70	2399.92	4.07N	1.03W	0.30	-4.20	435197.97	232505.07

All data in feet unless otherwise stated. Calculation uses minimum curvature method.
Coordinates from slot #1 and TVD from rotary table.
Bottom hole distance is 1435.27 on azimuth 171.49 degrees from wellhead.
Vertical section is from N 0.00 E 0.00 on azimuth 164.95 degrees.
Grid is Lambert - Texas North Central (4202).
Lambert coordinates in FEET and computed using the Clarke - 1866 spheroid
Presented by Baker Hughes INTEQ

CROSS TIMBERS OPERATING CO.
University 9 CEC No.8H, slot #1
BLK. 9 DEVONIAN, ANDREWS CO., TEXAS

SURVEY LISTING Page 2
Your ref : Gyro/MWD
Last revised : 26-Sep-2000

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	G R I D Easting	C O O R D S Northing
2500.00	0.88	86.69	2499.91	4.44N	0.36	-4.13	435199.63	232505.44
2600.00	1.04	66.80	2599.90	4.84N	0.37	-4.10	435201.23	232505.84
2700.00	1.08	85.86	2699.88	5.27N	0.35	-4.05	435203.00	232506.27
2800.00	1.09	88.84	2799.86	5.36N	0.06	-3.64	435204.90	232506.36
2900.00	1.08	82.60	2899.84	5.50N	0.12	-3.29	435206.79	232506.50
3000.00	1.45	79.75	2999.82	5.84N	0.38	-3.06	435208.96	232506.84
3100.00	1.55	83.35	3099.78	6.23N	0.14	-2.75	435211.56	232507.23
3200.00	1.35	90.36	3199.75	6.38N	0.27	-2.24	435214.08	232507.38
3300.00	1.23	97.54	3299.73	6.23N	0.20	-1.52	435216.32	232507.23
3400.00	1.10	98.89	3399.71	5.94N	0.13	-0.71	435218.34	232506.94
3500.00	0.94	85.10	3499.69	5.86N	0.29	-0.18	435220.11	232506.86
3600.00	0.95	72.00	3599.68	6.19N	0.22	-0.08	435221.72	232507.19
3700.00	0.87	72.19	3699.66	6.67N	0.08	-0.15	435223.22	232507.67
3800.00	0.82	66.75	3799.65	7.19N	0.09	-0.29	435224.60	232508.19
3900.00	0.81	67.46	3899.64	7.74N	0.02	-0.49	435225.92	232508.74
4000.00	0.46	66.18	3999.64	8.18N	0.35	-0.64	435226.94	232509.18
4100.00	0.46	82.02	4099.63	8.39N	0.13	-0.65	435227.70	232509.39
4200.00	0.16	253.37	4199.63	8.41N	0.61	-0.60	435227.96	232509.41
4300.00	0.21	218.33	4299.63	8.23N	0.12	-0.49	435227.71	232509.23
4400.00	0.77	221.92	4399.63	7.58N	0.56	-0.01	435227.15	232508.58
4500.00	0.94	234.00	4499.62	6.60N	0.25	0.65	435226.03	232507.60
4600.00	0.88	235.59	4599.60	5.68N	0.07	1.20	435224.74	232506.68
4700.00	0.89	238.66	4699.59	4.84N	0.05	1.67	435223.44	232505.84
4800.00	1.08	241.99	4799.58	4.00N	0.20	2.10	435221.95	232505.00
4900.00	1.03	233.31	4899.56	3.02N	0.17	2.64	435220.39	232504.02

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Coordinates from slot #1 and TVD from rotary table.

Bottom hole distance is 1435.27 on azimuth 171.49 degrees from wellhead.
Vertical section is from N 0.00 E 0.00 on azimuth 164.95 degrees.

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CROSS TIMBERS OPERATING CO.
University 9 CEC No.8H, slot #1
BLK. 9 DEVONIAN, ANDREWS CO., TEXAS

SURVEY LISTING Page 3
Your ref : Gyro/MWD
Last revised : 26-Sep-2000

Measured Depth	Inclin Degrees	Azimuth Degrees	True 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	G R I D E a s t i n g	C O O R D S N o r t h i n g
1000.00	0.85	229.64	4999.55	2.00N	0.19	3.29	435219.11	232503.00
1100.00	0.76	237.24	5099.54	1.16N	0.14	3.81	435217.98	232502.16
1200.00	1.09	239.77	5199.52	0.32N	0.34	4.26	435216.60	232501.32
1300.00	0.85	255.85	5299.51	0.34S	0.37	4.50	435215.06	232500.66
1400.00	0.98	262.24	5399.50	0.64S	0.17	4.38	435213.49	232500.36
1500.00	1.20	259.39	5499.48	0.95S	0.23	4.19	435211.60	232500.05
1600.00	1.18	257.14	5599.46	1.37S	0.05	4.07	435209.56	232499.63
1700.00	0.79	250.08	5699.44	1.84S	0.41	4.09	435207.91	232499.16
1800.00	0.89	262.75	5799.43	2.17S	0.21	4.04	435206.50	232498.83
1900.00	0.89	248.31	5899.42	2.55S	0.22	4.02	435205.00	232498.45
2000.00	0.28	197.60	5999.41	3.07S	0.74	4.32	435204.21	232497.93
2100.00	0.58	199.20	6099.41	3.79S	0.30	4.95	435203.97	232497.21
2200.00	0.22	189.47	6199.41	4.45S	0.37	5.54	435203.77	232496.55
2300.00	0.56	166.27	6299.41	5.11S	0.37	6.20	435203.85	232495.89
2400.00	0.50	157.91	6399.40	5.99S	0.09	7.12	435204.13	232495.01
2500.00	0.49	175.18	6499.40	6.82S	0.15	7.97	435204.34	232494.18
2600.00	0.64	189.33	6599.39	7.80S	0.20	8.90	435204.28	232493.20
2700.00	0.97	187.98	6699.38	9.19S	0.33	10.19	435204.07	232491.81
2800.00	0.92	176.90	6799.37	10.83S	0.19	11.76	435204.00	232490.17
2900.00	0.63	196.29	6899.36	12.16S	0.39	13.02	435203.89	232488.84
3000.00	0.83	209.13	6999.35	13.32S	0.26	14.00	435203.38	232487.68
3100.00	0.49	198.01	7099.35	14.36S	0.36	14.88	435202.90	232486.64
3200.00	0.70	205.39	7199.34	15.31S	0.22	15.70	435202.51	232485.69
3300.00	0.40	253.23	7299.34	15.96S	0.52	16.17	435201.91	232485.04
3400.00	0.58	253.24	7399.33	16.21S	0.17	16.20	435201.09	232484.79

All data in feet unless otherwise stated. Calculation uses minimum curvature method.
Coordinates from slot #1 and TVD from rotary table.

Bottom hole distance is 1435.27 on azimuth 171.49 degrees from wellhead.
Vertical section is from N 0.00 E 0.00 on azimuth 164.95 degrees.

Grid is Lambert - Texas North Central (4202).
Lambert coordinates in FEET and computed using the Clarke - 1866 spheroid
Presented by Baker Hughes INTEQ

CROSS TIMBERS OPERATING CO.
 University 9 CEC No.8H, slot #1
 BLK. 9 DEVONIAN, ANDREWS CO., TEXAS

SURVEY LISTING Page 4
 Your ref : Gyro/MWD
 Last revised : 26-Sep-2000

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	G R I D E a s t i n g	C O O R D S N o r t h i n g
'500.00	0.40	255.78	7499.33	16.44S	0.18	16.21	435200.27	232484.56
'600.00	0.76	273.73	7599.32	16.48S	0.40	15.99	435199.28	232484.52
'700.00	0.63	253.19	7699.32	16.60S	0.28	15.79	435198.09	232484.40
'800.00	0.55	258.47	7799.31	16.85S	0.10	15.78	435197.10	232484.15
'900.00	0.27	279.56	7899.31	16.91S	0.31	15.65	435196.39	232484.09
'1000.00	0.54	250.82	7999.31	17.02S	0.32	15.59	435195.71	232483.98
'1100.00	0.19	208.09	8099.30	17.32S	0.42	15.74	435195.19	232483.68
'1200.00	0.18	195.76	8199.30	17.63S	0.04	16.00	435195.07	232483.37
'1300.00	0.24	326.07	8299.30	17.61S	0.38	15.94	435194.91	232483.39
'1400.00	0.55	323.45	8399.30	17.05S	0.32	15.30	435194.51	232483.95
'1500.00	0.49	320.59	8499.30	16.34S	0.07	14.47	435193.95	232484.66
'1600.00	0.56	317.77	8599.29	15.64S	0.08	13.64	435193.35	232485.36
'1700.00	0.47	301.71	8699.29	15.07S	0.17	12.91	435192.68	232485.93
'1800.00	0.30	300.30	8799.29	14.72S	0.16	12.42	435192.10	232486.28
'1900.00	0.04	93.37	8899.29	14.59S	0.34	12.24	435191.90	232486.41
'2000.00	0.10	22.83	8999.29	14.51S	0.09	12.19	435191.97	232486.49
'2100.00	0.57	342.21	9099.28	13.96S	0.50	11.63	435191.85	232487.04
'2200.00	0.33	319.84	9199.28	13.27S	0.29	10.87	435191.51	232487.73
'2300.00	0.17	258.17	9299.28	13.08S	0.29	10.61	435191.19	232487.92
'2400.00	0.07	111.45	9399.28	13.14S	0.23	10.63	435191.09	232487.86
'2500.00	0.13	359.66	9499.28	13.04S	0.17	10.55	435191.15	232487.96
'2600.00	0.19	289.37	9599.28	12.87S	0.19	10.35	435190.99	232488.13
'2700.00	0.58	245.11	9699.28	13.03S	0.47	10.34	435190.38	232487.97
'2800.00	1.42	196.51	9799.26	14.43S	1.12	11.48	435189.56	232486.57
'2900.00	1.72	176.07	9899.23	17.10S	0.63	14.00	435189.31	232483.90

All data in feet unless otherwise stated. Calculation uses minimum curvature method.
 Coordinates from slot #1 and TVD from rotary table.

Bottom hole distance is 1435.27 on azimuth 171.49 degrees from wellhead.

Vertical section is from N 0.00 E 0.00 on azimuth 164.95 degrees.

Grid is Lambert - Texas North Central (4202).

Lambert coordinates in FEET and computed using the Clarke - 1866 spheroid
 Presented by Baker Hughes INTEQ

CROSS TIMBERS OPERATING CO.
University 9 CEC No.8H,slot #1
BLK. 9 DEVONIAN,ANDREWS CO., TEXAS

SURVEY LISTING Page 5
Your ref : Gyro/MWD
Last revised : 26-Sep-2000

Measured Depth	Inclin Degrees	Azimuth Degrees	True Depth	VERT	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	G R I D Easting	C O O R D S Northing
0000.00	1.21	190.50	9999.19		19.63S	0.63	16.42	435189.22	232481.37
0100.00	1.13	202.06	10099.17		21.58S	0.25	18.16	435188.66	232479.42
0200.00	1.31	203.26	10199.15		23.54S	0.18	19.84	435187.84	232477.46
0300.00	1.11	219.15	10299.13		25.34S	0.39	21.30	435186.78	232475.66
0380.00	1.16	222.24	10379.11		26.54S	0.10	22.19	435185.75	232474.46
0412.00	14.90	188.00	10410.73		30.87S	43.61	26.17	435184.96	232470.13
0429.00	27.30	180.60	10426.56		36.96S	74.47	31.95	435184.61	232464.04
0439.00	35.20	184.50	10435.10		42.13S	81.51	36.89	435184.36	232458.87
0449.00	41.70	185.90	10442.93		48.32S	65.58	42.72	435183.79	232452.68
0460.00	47.40	194.30	10450.77		55.90S	74.45	49.67	435182.41	232445.10
0470.00	53.20	192.90	10457.16		63.37S	58.99	56.42	435180.61	232437.63
0480.00	59.60	187.00	10462.69		71.57S	80.65	63.97	435179.18	232429.43
0492.00	65.60	183.10	10468.21		82.18S	57.72	73.97	435178.26	232418.82
0502.00	72.20	180.30	10471.81		91.50S	70.97	82.90	435177.99	232409.50
0514.00	79.10	175.70	10474.79		103.10S	68.44	94.22	435178.40	232397.90
0546.00	83.00	177.10	10479.76		134.64S	12.93	125.19	435180.38	232366.36
0578.00	83.00	177.80	10483.66		166.37S	2.17	156.20	435181.79	232334.63
0609.00	85.30	178.50	10486.82		197.19S	7.75	186.22	435182.79	232303.81
0640.00	86.40	181.70	10489.07		228.11S	10.89	216.06	435182.73	232272.89
0671.00	87.40	184.10	10490.74		259.02S	8.38	245.51	435181.17	232241.98
0703.00	87.70	187.70	10492.11		290.82S	11.28	275.36	435177.88	232210.18
0735.00	87.90	190.50	10493.34		322.39S	8.77	304.53	435172.83	232178.61
0767.00	90.40	190.80	10493.82		353.83S	7.87	333.36	435166.91	232147.17
0799.00	90.70	191.20	10493.51		385.24S	1.56	362.11	435160.81	232115.76
0829.00	90.70	191.20	10493.14		414.67S	0.00	389.01	435154.98	232086.33

All data in feet unless otherwise stated. Calculation uses minimum curvature method.
Coordinates from slot #1 and TVD from rotary table.

Bottom hole distance is 1435.27 on azimuth 171.49 degrees from wellhead.
Vertical section is from N 0.00 E 0.00 on azimuth 164.95 degrees.

Grid is Lambert - Texas North Central (4202).

Lambert coordinates in FEET and computed using the Clarke - 1866 spheroid
Presented by Baker Hughes INTEQ

CROSS TIMBERS OPERATING CO.
University 9 CEC No.8H, slot #1
BLK. 9 DEVONIAN, ANDREWS CO., TEXAS

SURVEY LISTING Page 6
Your ref : Gyro/MWD
Last revised : 26-Sep-2000

Measured Depth	Inclin Degrees	Azimuth Degrees	True 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	G R I D Easting	C O O R D S Northing
861.00	91.80	191.20	10492.44	446.05S	3.44	417.71	435148.77	232054.95
893.00	92.50	191.20	10491.24	477.42S	2.19	446.39	435142.56	232023.58
925.00	92.30	190.80	10489.90	508.80S	1.40	475.11	435136.46	231992.20
956.00	89.50	190.10	10489.42	539.28S	9.31	503.08	435130.83	231961.72
988.00	88.80	188.00	10489.89	570.88S	6.92	532.29	435125.80	231930.12
1020.00	88.50	186.50	10490.65	602.61S	4.78	561.89	435121.76	231898.39
1052.00	89.20	184.10	10491.29	634.47S	7.81	591.88	435118.81	231866.53
1083.00	89.60	182.70	10491.61	665.41S	4.70	621.29	435116.97	231835.59
1115.00	89.70	181.00	10491.81	697.39S	5.32	651.90	435115.94	231803.61
1147.00	89.70	178.50	10491.98	729.39S	7.81	682.84	435116.08	231771.61
1178.00	88.90	175.70	10492.35	760.34S	9.39	713.14	435117.65	231740.66
1209.00	89.20	172.90	10492.87	791.18S	9.08	743.72	435120.72	231709.82
1241.00	89.70	169.70	10493.18	822.81S	10.12	775.52	435125.56	231678.19
1273.00	89.90	168.00	10493.29	854.20S	5.35	807.44	435131.75	231646.80
1304.00	89.70	166.20	10493.40	884.42S	5.84	838.42	435138.67	231616.58
1336.00	89.50	163.70	10493.62	915.32S	7.84	870.41	435146.98	231585.68
1368.00	89.20	161.30	10493.98	945.83S	7.56	902.38	435156.60	231555.17
1399.00	88.80	158.80	10494.52	974.97S	8.17	933.26	435167.18	231526.03
1431.00	86.60	157.40	10495.81	1004.63S	8.15	965.00	435179.10	231496.37
1462.00	86.00	155.70	10497.81	1033.01S	5.80	995.61	435191.41	231467.99
1494.00	85.30	155.00	10500.23	1062.01S	3.09	1027.07	435204.72	231438.99
1526.00	85.40	154.30	10502.83	1090.83S	2.20	1058.45	435218.37	231410.17
1558.00	85.50	153.20	10505.37	1119.44S	3.44	1089.74	435232.48	231381.56
1589.00	85.60	151.80	10507.77	1146.85S	4.51	1119.92	435246.75	231354.15
1621.00	86.10	150.40	10510.09	1174.80S	4.63	1150.90	435262.18	231326.20

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CROSS TIMBERS OPERATING CO.
 University 9 CEC No.8H, slot #1
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SURVEY LISTING Page 7
 Your ref : Gyro/MWD
 Last revised : 26-Sep-2000

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	G R I D Easting	C O O R D S Northing
.651.00	86.70	150.40	10511.97	1200.83S	2.00	1179.88	435276.97	231300.17
.684.00	87.90	150.40	10513.53	1229.49S	3.64	1211.79	435293.25	231271.51
.699.00	88.80	150.00	10513.96	1242.50S	6.57	1226.29	435300.70	231258.50
.716.00	89.60	150.40	10514.20	1257.25S	5.26	1242.73	435309.15	231243.75
.748.00	90.40	151.40	10514.20	1285.21S	4.00	1273.77	435324.71	231215.79
.779.00	88.90	149.70	10514.39	1312.20S	7.31	1303.79	435339.95	231188.80
.811.00	88.50	147.90	10515.11	1339.57S	5.76	1334.52	435356.52	231161.43
.843.00	88.90	146.20	10515.84	1366.41S	5.46	1364.96	435373.92	231134.59
.867.00	89.60	145.10	10516.15	1386.22S	5.43	1387.61	435387.46	231114.78
.908.00	90.70	143.20	10516.04	1419.45S	5.35	1425.94	435411.47	231081.55

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