

UNIT STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

CONFIDENTIAL
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151

N.M. Oil Conservation Division

LEASE DESIGNATION AND SERIAL NO.
NM-NM0558274-B (SHL) & NM88249 (BHL)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

la. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Artesia, NM 88210-2934

b. TYPE OF COMPLETION:
NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR ☐ Other

2. NAME OF OPERATOR
DEVON ENERGY CORPORATION (NEVADA)

3. ADDRESS AND TELEPHONE NO.
20 N. BROADWAY, SUITE 1500, OKC, OK 73102-8260 (405) 235-3611

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 1320' FNL & 660' FEL, Lot 25, Section 6-T21S-R26E, Eddy Cnty, NM

At top prod. interval reported below 4389' FNL & 881' FEL, Unit O, Section 6-T21S-R26E, Eddy Cnty, NM

At total depth (same as prod interval)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
N/A

7. UNIT AGREEMENT NAME
N/A

8. FARM OR LEASE NAME, WELL NO.
PECOS RIVER "6H" FEDERAL #1

9. API WELL NO.
30-015-30521

10. FIELD AND POOL, OR WILDCAT
Avalon (Morrow)

11. SEC., T., R., N., OR BLOCK AND SURVEY OR AREA
SHL: Lot 25, Section 6, T21S, R26E
BHL: Unit O, Section 6, T21S, R26E

14. PERMIT NO.

DATE ISSUED
11-27-1998

12. COUNTY OR PARISH
Eddy

13. STATE
New Mexico

15. DATE SPUDDED 07-18-1999 16. DATE T.D. REACHED 09-02-1999 17. DATE COMPL. (Ready to prod.) 01-09-2000 18. ELEVATIONS (DF, REB, RT, GR, ETC.)* GL 3241' at SHL 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 11,150' 21. PLUG, BACK T.D., MD & TVD 11,066' 22. IF MULTIPLE COMPL., HOW MANY* N/A 23. INTERVALS DRILLED BY → ROTARY TOOLS X CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Morrow 10,968-10,976' 25. WAS DIRECTIONAL SURVEY MADE Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN Platform Express Azimuthal Laterlog/Micro-CFL/NGT, 3 Detector Litho-Density/Compensated Neutron/NGT, Cmt Bond 27. WAS WELL CORED No

28. CASING RECORD (Report all strings set in well)					
CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
13 3/8" H-40	48#	449'	17 1/2"	surface, 437 sx cement	
9 5/8" J-55	36#	1696'	12 1/4"	surface, 237 sx cement	
5 1/2" L80	17#	11,150'	8 3/4"	6330', 860 sx cement	
DV tool at		9506'			

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	packer set at	10,680'

31. PERFORATION RECORD (Interval, size and number)		32. ACID SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
10,968-10,976' with 17 holes (.3" EHD) Morrow		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
			N/A

33.* PRODUCTION							
DATE FIRST PRODUCTION 01-11-2000		PRODUCTIONS METHOD I (Flowing, gas lift, pumping—size and type of pump) flowing				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 01-10-2000	HOURS TESTED 4	CHOKE SIZE 26/64"	PROD'N FOR TEST PERIOD →	OIL-BBL. 0	GAS-MCF. 2222	WATER-BBL. 0	GAS-OIL RATIO N/A
FLOW. TUBING PRESS. 1380 psi	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL-BBL. 0	GAS-MCF. 2710.8	WATER-BBL. 0	OIL GRAVITY-API (CORR.) N/A	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) sold TEST WITNESSED BY Curtis Tolle

35. LIST OF ATTACHMENTS
Deviation survey report, directional survey report, logs, copy of C-122

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Candace R. Graham

CANDACE R. GRAHAM
TITLE ENGINEERING TECHNICIAN

DATE February 4, 2000

*(See Instructions and Spaces for Additional Data on Reverse Side)

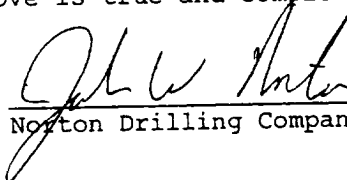
37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			</			

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FEB 08 2000
BLM
ROSSELL, NM

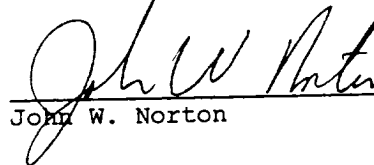
Deviation surveys taken on Devon Energy Corporation's Pecos River "6H"
Fed #1 well in Eddy County, New Mexico:

<u>Depth</u>	<u>Degree</u>
80	.50
257	1.25
352	.75
450	.50
854	.25
1320	.75
1665	.75
1800	1.00
1894	1.25
2349	1.25
2411	1.75
2643	1.50
3082	1.75
3524	2.25
3618	2.00
3807	1.75
4119	.75
4555	1.75

I hereby certify that I have personal knowledge of the facts placed on this
sheet and that such information given above is true and complete.

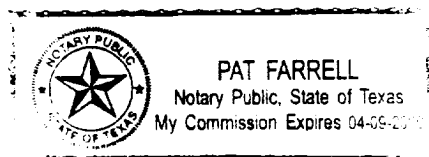

Norton Drilling Company

Before me, the undersigned authority, on this day personally appeared John W.
Norton, known to me to be the person whose name is subscribed hereto, who,
after being duly sworn, on oath states that he is the drilling contractor
of the well identified in this instrument and that such well was not
intentionally deviated from the vertical whatsoever.


John W. Norton

SWORN AND SUBSCRIBED TO before me this 28th day of January 2000.

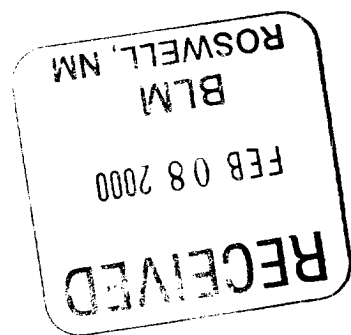

Notary Public in and for
Lubbock County, Texas.



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JAN 31 2000

**PRODUCTION DEPT.
DEC-OKC**





Job Number: WTX0799D069

Company: DEVON ENERGY CORP.

Lease/Well: PECOS RIVER FED. 6 "H" #1

Location: EDDY

Rig Name: NORTON #8

RKB:

G.L. or M.S.L.:

State/Country: NM

Declination: 9 DEGREES EAST

Grid:

File name: C:\WINSERVE\DEVONPEC.SVY

Date/Time: 07-Sep-99 / 09:57

Curve Name:

DAILEY INTERNATIONAL INC.

WINSERVE SURVEY CALCULATIONS Minimum Curvature Method Vertical Section Plane 190.68 Vertical Section Referenced to Wellhead Rectangular Coordinates Referenced to Wellhead

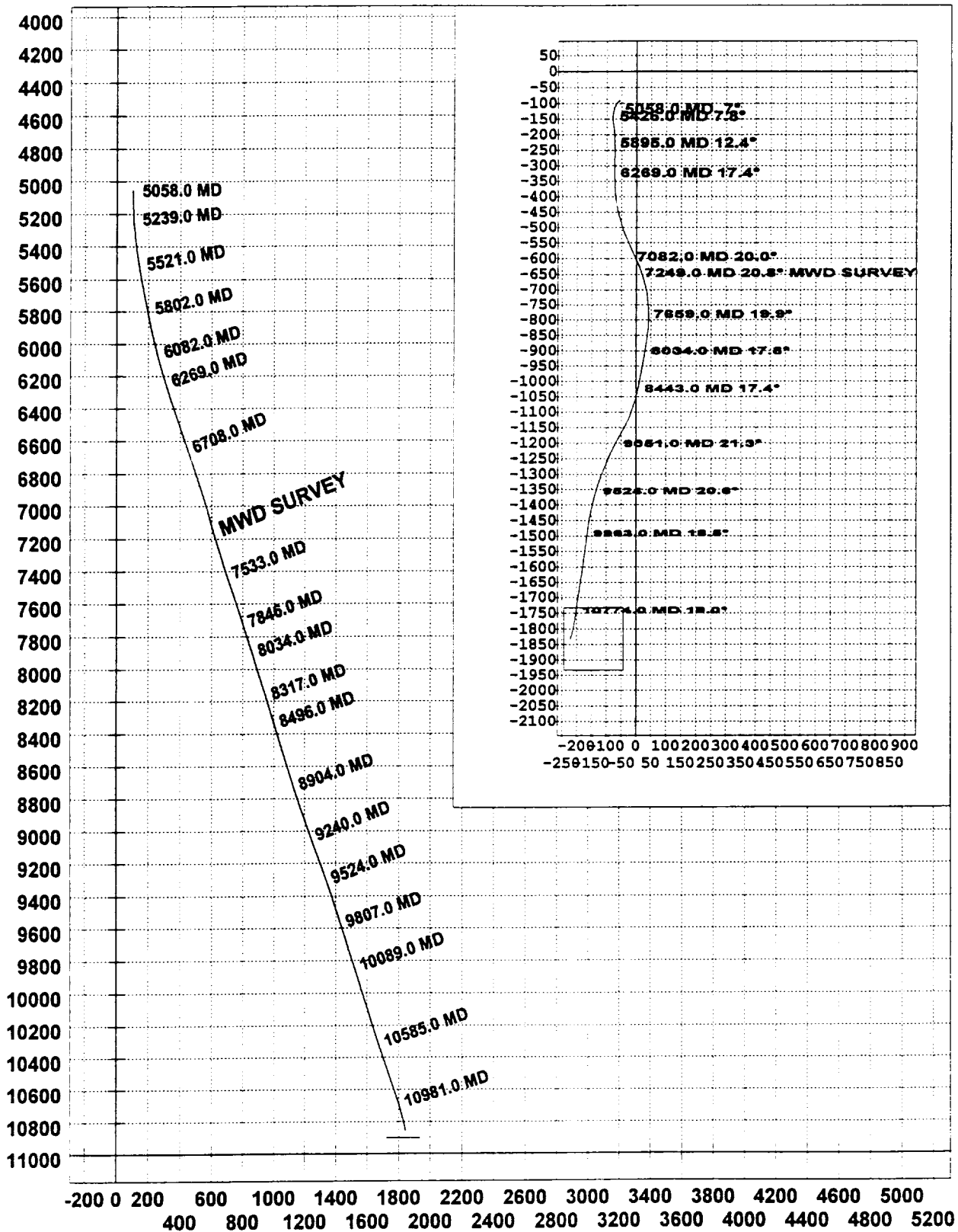
Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE Distance FT	Direction Deg	Dogleg Severity Deg/100
5058.00	.72	221.26	5055.78	-91.54	-57.95	100.70	108.34	212.34	.00
5113.00	1.40	231.70	5110.77	-92.22	-58.71	101.50	109.32	212.48	1.28
5145.00	2.30	248.20	5142.75	-92.70	-59.61	102.14	110.21	212.74	3.24
5239.00	4.60	223.00	5236.58	-96.15	-63.93	106.34	115.47	213.62	2.87
5333.00	6.80	208.20	5330.12	-103.82	-69.13	114.83	124.73	213.66	2.80
5426.00	7.80	204.00	5422.36	-114.44	-74.30	126.23	136.44	213.00	1.22
5521.00	9.60	188.90	5516.28	-128.15	-78.15	140.42	150.10	211.38	3.05
5615.00	11.80	178.20	5608.65	-145.51	-79.06	157.64	165.60	208.52	3.14
5709.00	11.60	173.50	5700.70	-164.50	-77.69	176.06	181.93	205.28	1.04
5802.00	11.60	172.20	5791.80	-183.06	-75.36	193.86	197.96	202.38	.28
5895.00	12.40	176.10	5882.76	-202.28	-73.41	212.39	215.19	199.95	1.22
5988.00	14.60	178.80	5973.19	-223.97	-72.49	233.52	235.41	197.93	2.46
6082.00	14.90	180.30	6064.09	-247.90	-72.30	257.01	258.23	196.26	.52
6145.00	15.80	180.30	6124.84	-264.57	-72.39	273.41	274.30	195.30	1.43
6206.00	17.00	181.30	6183.36	-281.79	-72.64	290.38	291.01	194.45	2.02
6269.00	17.40	181.70	6243.54	-300.42	-73.12	308.77	309.19	193.68	.66
6365.00	18.00	179.00	6335.00	-329.60	-73.29	337.47	337.65	192.54	1.06
6551.00	20.25	177.00	6510.73	-390.48	-71.11	396.90	396.91	190.32	1.26
6708.00	21.50	166.00	6657.47	-445.56	-62.72	449.46	449.95	188.01	2.62
6895.00	22.00	160.00	6831.18	-511.73	-42.45	510.73	513.49	184.74	1.22
7082.00	20.00	152.00	7005.79	-572.90	-15.45	565.83	573.10	181.54	1.87
MWD SURVEY									
7249.00	20.80	155.60	7162.32	-625.12	10.21	612.39	625.20	179.06	.89



Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	C L O S U R E		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
7345.00	20.80	161.50	7252.07	-656.81	22.66	641.22	657.20	178.02	2.18
7470.00	19.50	168.30	7369.44	-698.29	33.94	679.90	699.12	177.22	2.14
7533.00	19.90	171.10	7428.75	-719.18	37.73	699.72	720.17	177.00	1.63
7659.00	19.90	178.40	7547.25	-761.81	41.65	740.88	762.95	176.87	1.97
7753.00	18.80	180.20	7635.94	-792.95	42.04	771.41	794.06	176.97	1.33
7846.00	18.80	184.10	7723.98	-822.88	40.92	801.03	823.90	177.15	1.35
7909.00	18.60	187.60	7783.65	-842.97	38.86	821.15	843.86	177.36	1.81
8003.00	18.50	188.60	7872.77	-872.57	34.65	851.02	873.26	177.73	.35
8034.00	17.80	187.80	7902.23	-882.13	33.27	860.67	882.76	177.84	2.40
8097.00	17.40	191.10	7962.28	-900.92	30.15	879.71	901.42	178.08	1.71
8192.00	18.10	190.10	8052.76	-929.38	24.83	908.67	929.71	178.47	.80
8317.00	18.30	190.10	8171.50	-967.82	17.98	947.71	967.99	178.94	.16
8412.00	17.80	191.80	8261.83	-996.72	12.40	977.14	996.79	179.29	.76
8443.00	17.40	192.20	8291.38	-1005.89	10.45	986.51	1005.94	179.40	1.35
8496.00	18.00	193.00	8341.87	-1021.61	6.93	1002.62	1021.63	179.61	1.22
8622.00	18.00	194.00	8461.70	-1059.47	-2.16	1041.50	1059.47	180.12	.25
8810.00	18.50	204.00	8640.29	-1114.92	-21.32	1099.54	1115.12	181.10	1.68
8904.00	18.50	209.00	8729.44	-1141.59	-34.62	1128.21	1142.11	181.74	1.69
9051.00	21.30	211.50	8867.65	-1184.76	-59.88	1175.32	1186.27	182.89	1.99
9146.00	21.50	207.30	8956.10	-1214.94	-76.88	1208.13	1217.37	183.62	1.63
9240.00	21.10	205.50	9043.68	-1245.52	-92.07	1241.00	1248.92	184.23	.82
9334.00	20.80	202.00	9131.47	-1276.27	-105.60	1273.72	1280.63	184.73	1.37
9429.00	21.30	202.70	9220.13	-1307.83	-118.58	1307.14	1313.19	185.18	.59
9524.00	20.60	197.40	9308.86	-1339.69	-130.24	1340.62	1346.01	185.55	2.13
9618.00	18.60	194.60	9397.41	-1369.99	-138.96	1372.00	1377.01	185.79	2.35
9712.00	18.10	194.60	9486.63	-1398.62	-146.42	1401.52	1406.27	185.98	.53
9807.00	18.00	192.20	9576.96	-1427.25	-153.25	1430.92	1435.45	186.13	.79
9900.00	18.30	189.70	9665.33	-1455.69	-158.74	1459.88	1464.32	186.22	.90
9963.00	18.50	188.00	9725.11	-1475.33	-161.80	1479.76	1484.18	186.26	.91
10089.00	18.00	187.00	9844.77	-1514.45	-166.95	1519.15	1523.63	186.29	.47
10245.00	18.00	188.00	9993.14	-1562.25	-173.25	1567.28	1571.82	186.33	.20
10398.00	18.00	189.00	10138.65	-1609.00	-180.23	1614.53	1619.07	186.39	.20
10585.00	18.50	189.00	10316.24	-1666.85	-189.40	1673.06	1677.57	186.48	.27
10774.00	19.00	189.00	10495.21	-1726.85	-198.90	1733.79	1738.27	186.57	.26
10863.00	19.00	189.00	10579.36	-1755.47	-203.43	1762.75	1767.22	186.61	.00
10981.00	17.00	192.00	10691.58	-1791.32	-210.02	1799.20	1803.59	186.69	1.87
11079.00	15.00	195.00	10785.79	-1817.58	-216.29	1826.17	1830.41	186.79	2.21
PROJECTED TD									
11150.00	13.00	198.00	10854.67	-1834.06	-221.13	1843.26	1847.34	186.87	3.00



Company: DEVON ENERGY CORP.
Lease/Well: PECOS RIVER FED. 6 "H" #1
Location: EDDY
State/Country: NM
Declination: 9 DEGREES EAST
Date/Time: Tuesday, September 07, 1999





JAN-18-2000 09:49 AM

Submit in duplicate to:
appropriate district office.
See Rule 401 & Rule 1122

State of New Mexico
Energy Minerals and Natural Resources



Form C-122
Revised October, 1999

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Operator Devon				Lease or Unit Name Pecos River 6H Federal			
Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 1-10-00		Well No. 1	
Completion Date 1-10-00		Total Depth 11150		Perf. Bank TD 11061		Elevation 3241 GL	
Casing Size 5 1/2		Casing Weight 17#		Set At 11,150		Perforations From: 10968 To: 10976	
Tubing Size 2 3/8		Tubing Weight 4.7		Set At 1,995		Perforations From: To:	
Type Well - Single - Breakdown - G.O. or G.O. Multiple Single				Fracture Set At 10682		Formation Normal	
Producing Thru Tba		Reservoir Temp. °F 178.0		Mean Annual Temp. °F 60°		Baro. Press - P. 13.2	
10682		10682		Cg .586		MCO ₂ .834	
				P _{H2} .261		P _{H2S} 0	
				Prover 0		Meter Run 4.026	
						Taps F/G	

FLOW DATA						TUBING DATA		CASING DATA		Duration or Flow
No.	Prover Line Size	Orifice Size	Press. psig	Diff. in.	Temp. °F	Press. psig	Temp. °F	Press. psig	Temp. °F	
SI						3375	N/A	PKR	N/A	
1.	4.026 X 1.750	120	6"	64°	3135					60 min
2.	4.026 X 1.750	120	14"	66°	2910					60 min
3.	4.026 X 1.750	120	30"	68°	2500					60 min
4.	4.026 X 1.750	120	90"	60°	1380					60 min
5.										

RATE OF FLOW CALCULATIONS							
No.	COEFFICIENT (24 HOUR)	$\sqrt{h.P_s}$	Pressure P _s	Flow Temp. Factor Ft	Gravity Factor F _g	Super Compress. Factor F _{sp}	Rate of Flow Q, Mscf
1.	14.93	28.3	133.2	.9962	1.306	1.041	572
2.	14.93	43.2	133.2	.9943	1.306	1.039	870
3.	14.93	63.2	133.2	.9924	1.306	1.039	1270
4.	14.93	109.5	133.2	1.000	1.306	1.041	2222
5.							

No.	P ₁	Temp. °R	T ₁	Z	Gas Liquid Hydrocarbon Ratio	Mscf/bbl
1.	.77	524	1.50	.923	N/A	
2.	.77	526	1.52	.926	N/A	
3.	.78	528	1.52	.926	N/A	
4.	.77	520	1.50	.923	N/A	
5.						

No.	P ₁	P ₂	P ₁ ²	P ₂ ²	P ₁ ² - P ₂ ²
1.		3140.9	9865.2	2123.7	
2.		2944.1	8650.0	3338.9	
3.		2611.7	6820.9	5708.0	
4.		1562.8	2441.4	9547.5	
5.					

(1) $P_2 = 1.25$ (2) $\left[\frac{P_1^2}{P_2^2 - P_1^2} \right] = 1.22$

ADF = Q $\left[\frac{P_1^2}{P_2^2 - P_1^2} \right] = 2710.8$

Absolute Open Flow	2710.8	Mscf @ 15.025	Angle of Slope θ: 48.0	Slope, m: .8996
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Remarks: *Calculated from known bottom hole pressures
*No fluid made during test

Approved By Division	Conducted By: Pro Well Testing	Calculated By: H. B.	Checked By: B. M.
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CG - faxed to WIC's 1-27-00

RECEIVED

FEB 08 2000

BLM
ROSWELL, NM