

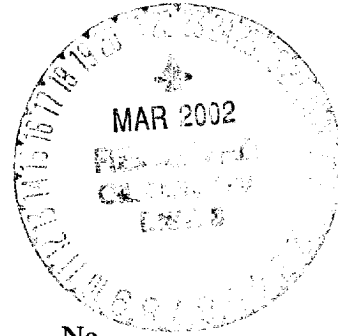
DEVIATION REPORT		
NAME OF COMPANY AND ADDRESS Pure Resources, L.P. P.O. Box 850, Bloomfield, NM 87413	PHONE (505) 632-1811	DATE February 26, 2002
LEASE NAME AND NUMBER Navajo E-12 #9		API NUMBER 30-045-30934
LOCATION		
UNIT LTR <u>E</u>	SEC. <u>12</u>	TWN. <u>25N</u>
		RQE. <u>11W</u>
POOL AND FORMATION Basin Dakota	COUNTY San Juan	STATE New Mexico

Dep[th (ft)	DEVIATION (DEGREES)
350'	1.00
757'	0.75
1255'	0.75
1754'	0.50
2249'	0.50
3020'	0.50

SEE ATTACHED FOR DIRECTIONAL SURVEY AFTER 3020'

St

BHL 2150/N 754/W



Air Hammer Used?

Yes X

No

I, the undersigned, state that the facts herein are true to the best of my knowledge and belief.

Melissa M. Osborne
Melissa M. Osborne
San Juan Clerk

PURE RESOURCES, L.P.

Subscribed and sworn to and before me this 19th day of March 2002

Katelya Nelson
Notary Public in and for San Juan County, New Mexico

My commission expires: May 9, 2005

1724 – A Townhurst Dr.
Houston, Texas
USA 77043
Phone: (713) 827-8287
Fax: (713) 827-8709



March 12, 2002

Mr. Bill Gaches
Pure Resources
P.O. Box 580
Bloomfield, NM 87401

Re: Final Surveys
Navajo E #12-9
Sec. 12, T25N-R11W
San Juan County, New Mexico



Dear Mr. Gaches:

Enclosed please find the survey data for the above referenced well to be filed with the New Mexico. We are faxing this copy to you and will forward 2 copies to you by mail.

If you have any questions, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Jeff Bennett".

Jeff Bennett
District Manager
Rocky Mountain Area

1724 – A Townhurst Dr.
Houston, Texas
USA 77043
Phone: (713) 827-8287
Fax: (713) 827-8709



DIRECTIONAL SURVEY CERTIFICATION

RE: Pure Resources, Inc. (Operator)
Navajo E #12-9 (Well Name & No.)
Section 12 Twp. 25 N Rge. 11 W
Job No. 102-106

I, Mr. Ken Thibodeaux, having personal knowledge of all the facts, hereby certify that the attached

directional surveys for the above referenced well from measured depth of

3,885 feet to a measured depth of 6,065 feet,

respectively, is true and correct as determined from all available records.

[Signature] MWD Field Engineer Black Max Technologies Inc.
Signature Title Company

State of Wyoming

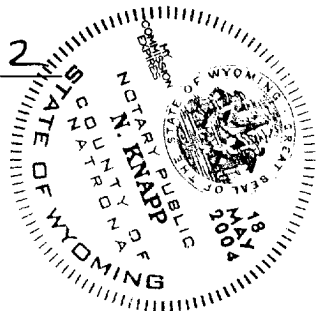
County of Natrona

On this 12th day of March, 2002, before me personally appeared

Ken Thibodeaux to me known as the person described in and who executed the foregoing instrument

and acknowledged that he executed the same as his free act and deed.

[Signature] 3-12-02
Notary Public Date:



March 12, 2002
11:03 am

PathTracker 4.0
Survey Calculation Program
Black Max Technologies, Inc: Directional LLC

Page 1 of 1

Customer: Pure Resources
WellName: Navajo E-12#9
Location: 2120' FNL 700' FWL Sec. 12 T25N R11W: San Jaun County, New Mexico
Magnetic Declination 10.21 Utilized Probe #059
MWD Surveys from Tie - In to release Depth

Vertical Section Calculated on: 0.0000
Survey Calculation Method: Minimum Curvature
FileName: C:\PATHTRK\PURE.SR3

#	Depth Feet	Inc Degrees	Azimuth Degrees	TVD Feet	North Feet	East Feet	Section Feet	Dogleg /100f
0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1	3885.00	1.80	134.00	3884.38	-42.39	43.89	-42.39	0.05
2	3911.00	1.40	111.70	3910.35	-42.79	44.48	-42.79	2.82
3	4005.00	1.70	95.30	4004.32	-43.34	46.84	-43.34	0.57
4	4068.00	1.40	108.80	4067.29	-43.85	48.81	-43.85	0.68
5	4128.00	1.30	95.80	4127.28	-43.93	49.88	-43.93	0.48
6	4190.00	1.50	98.30	4189.26	-44.12	51.49	-44.12	0.34
7	4252.00	1.10	83.20	4251.24	-44.17	52.88	-44.17	0.84
8	4313.00	0.70	74.60	4312.24	-44.00	53.82	-44.00	0.69
9	4378.00	0.50	25.80	4375.23	-43.65	54.31	-43.65	0.84
10	4438.00	0.40	1.60	4437.23	-43.19	54.44	-43.19	0.34
11	4501.00	1.70	341.90	4500.22	-42.08	54.15	-42.08	2.11
12	4532.00	2.00	344.90	4531.20	-41.12	53.87	-41.12	1.02
13	4564.00	1.80	345.20	4563.19	-40.10	53.60	-40.10	0.83
14	4594.00	1.80	340.80	4593.17	-39.20	53.32	-39.20	0.48
15	4628.00	1.50	340.00	4625.16	-38.33	53.01	-38.33	0.84
16	4682.00	1.70	2.50	4681.14	-36.81	52.80	-36.81	1.17
17	4713.00	1.80	13.50	4712.12	-35.83	52.92	-35.83	1.07
18	4774.00	2.20	6.90	4773.09	-33.94	53.28	-33.94	1.05
19	4837.00	1.50	7.80	4836.08	-31.92	53.51	-31.92	1.11
20	4900.00	2.30	14.90	4899.02	-29.88	53.95	-29.88	1.32
21	5023.00	1.50	12.80	5021.95	-25.93	54.94	-25.93	0.65
22	5118.00	0.80	359.50	5118.93	-24.05	55.21	-24.05	0.78
23	5277.00	0.30	2.80	5275.92	-22.53	55.22	-22.53	0.31
24	5474.00	0.70	87.40	5472.92	-21.98	56.45	-21.98	0.37
25	5623.00	0.50	188.00	5621.91	-22.56	57.26	-22.56	0.63
26	5780.00	1.10	196.10	5778.90	-24.68	56.75	-24.68	0.39
27	5907.00	1.10	205.90	5905.87	-26.95	55.88	-26.95	0.15
28	6085.00	1.20	209.50	6083.84	-29.76	54.40	-29.76	0.08

Closure is 82.0094 Feet on an azimuth of 118.8778

BHL 2150/N 754/W