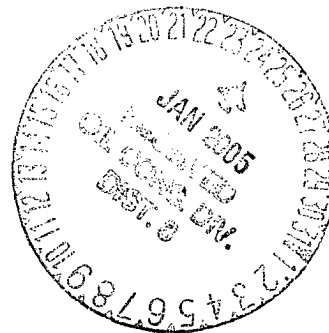




21 January 2005

State of New Mexico
Oil Conservation Division
1000 Rio Brazos Road
Aztec, NM 87410

Re: Mallon Oil Company
Jicarilla 459-17 #11
Rio Arriba Co., NM
Job #204-242
API No. 30-039-25906



To whom it May Concern:

Enclosed please find the Directional Survey data and Lease Plat for the above referenced well to be filed with your group.

Name & Title of Surveyor	Drainhole Number	Surveyed Depths		Dates Performed		Type of Survey
		From	To	Start	End	
Jeff Arenas	#11	3,867	6,515	5 Sep 04	12 Sep 04	MWD

Thank you for the opportunity to be of service. Please contact me if you have any questions or require additional information.

Sincerely,

Matthew K. Brown
Operations Coordinator

Surface 1188/S 1603/E
BNL begin 1163/S 1731/E VL O
end 2223/S 1227/W VL L



DIRECTIONAL SURVEY CERTIFICATION

RE: Mallon Oil Company (Operator)

Jicarilla 459-17 #11 (Well Name & No.)

Section 17 Twp. 30 N Range 03 W

Well File No. 300-39-25906

I, Matthew K. Brown, having personal knowledge of all the facts, hereby certify that the

attached directional surveys for the well run from measured depth of

3,867 feet to a measured depth of 6,515 feet,

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

Matthew K. Brown
Signature

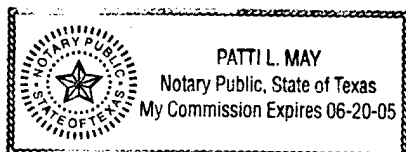
Operations Coord.
Title

Nevis Energy Services, Inc
Company

State of Texas
County of Harris

On this 21 day of January, 2005, before me personally appeared

Matthew K. Brown 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.



Patti L. May
Notary Public

6/20/05
My Commission Expires



1724-B Townhurst Dr, Houston, Tx 77043
(713) 827-8302
www.nevisenergy.com

Job Number: 204-242
Company: Mallon Oil / BHEP
Lease/Well: Jicarilla 459-17 # 11
Location: Rio Arriba Co.
Rig Name: Key 44
RKB:
G.L. or M.S.L.: API No. 30-039-25906

State/Country: New Mexico
Declination: 10.72° East
Grid:
File name: N:\BLACKH-1\204-24-1\459-17-.SVY
Date/Time: 21-Jan-05 / 09:42
Curve Name: Final NDIC Filing

WINSERVE SURVEY CALCULATIONS
Minimum Curvature Method
Vertical Section Plane 290.71
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
Tie-In to Accurate Gyro Survey						
3800.00	.68	137.40	3799.70	-24.60	-12.50	2.99
First NEVIS MWD Survey						
3867.00	25.30	270.80	3864.58	-24.69	-26.79	16.32
3898.00	42.50	279.70	3890.23	-22.82	-43.87	32.97
3930.00	59.80	277.90	3910.23	-19.07	-68.41	57.25
3950.00	71.10	272.90	3918.53	-17.40	-86.49	74.75
3992.00	88.10	267.70	3926.09	-17.23	-127.63	113.29
4023.00	89.30	273.40	3926.79	-16.94	-158.61	142.37
4055.00	90.40	278.30	3926.88	-13.68	-190.43	173.29
4086.00	92.60	282.60	3926.06	-8.06	-220.90	203.78
4149.00	90.80	291.00	3924.19	10.13	-281.13	266.54
4211.00	91.50	292.10	3922.95	32.90	-338.78	328.52
4275.00	92.10	291.80	3920.94	56.81	-398.11	392.48
4338.00	92.70	291.90	3918.30	80.23	-456.53	455.41
4402.00	89.70	292.20	3916.96	104.25	-515.83	519.37
4465.00	90.70	292.40	3916.74	128.16	-574.12	582.34
4528.00	91.90	292.40	3915.31	152.16	-632.35	645.30
4591.00	89.90	291.70	3914.32	175.81	-690.73	708.27
4654.00	89.80	290.80	3914.49	198.64	-749.45	771.27
4717.00	88.90	290.10	3915.20	220.65	-808.47	834.26
4812.00	90.30	291.60	3915.86	254.46	-897.24	929.25
4877.00	92.10	293.90	3914.50	279.59	-957.17	994.19

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT
4940.00	93.50	295.30	3911.42	305.78	-1014.38	1056.97
5002.00	92.00	294.20	3908.45	331.70	-1070.62	1118.74
5065.00	91.40	293.40	3906.58	357.12	-1128.23	1181.62
5160.00	91.60	293.60	3904.09	394.98	-1215.32	1276.47
5255.00	92.80	292.60	3900.45	432.23	-1302.64	1371.32
5350.00	92.30	291.30	3896.22	467.70	-1390.66	1466.20
5444.00	90.30	292.90	3894.09	503.06	-1477.73	1560.14
5538.00	90.50	294.50	3893.43	540.84	-1563.79	1654.01
5632.00	90.90	298.00	3892.28	582.40	-1648.08	1747.55
5726.00	92.50	301.30	3889.49	628.87	-1729.72	1840.35
5820.00	92.00	302.10	3885.80	678.23	-1809.64	1932.55
5915.00	90.50	303.50	3883.73	729.68	-1889.47	2025.42
6009.00	89.70	302.60	3883.57	780.94	-1968.26	2117.24
6107.00	91.80	301.40	3882.28	832.87	-2051.35	2213.33
6198.00	92.60	299.30	3878.79	878.81	-2129.82	2302.97
6292.00	93.50	297.30	3873.79	923.31	-2212.46	2396.01
6389.00	94.40	299.00	3867.11	968.96	-2297.78	2491.96
Last Nevis MWD Survey						
6515.00	94.50	296.50	3857.33	1027.45	-2408.94	2616.63
Survey projected to bit						
6558.00	95.00	265.00	3853.68	1035.34	-2450.51	2658.30