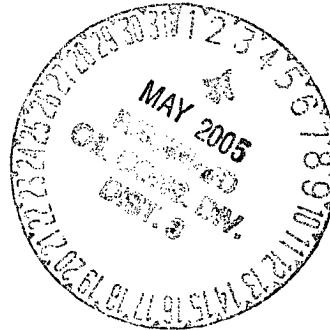




28 April 2005

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

Re: Mallon Oil Company
Jicarilla 29-02-28 #1
Rio Arriba Co., NM
Job #205-156
API No. 300-39-27066



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	
David Thorpe	#1	3,571	5,549	23 Mar 05	01 Apr 05	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

Matthew K. Brown
Operations Coordinator

Surface 884/N 635/W
BHL 782/N 2581/W

Plat?



DIRECTIONAL SURVEY CERTIFICATION

RE: Mallon Oil Company (Operator)

Jicarilla 29-02-28 #1 (Well Name & No.)

Section 28 Twp. 29 N Range 02 W

Well File No. 300-39-27066

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

3,571 feet to a measured depth of 5,549 feet,

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

Matthew K. Brown

Signature

Ops. Cord.

Title

Nevis Energy Services, Inc

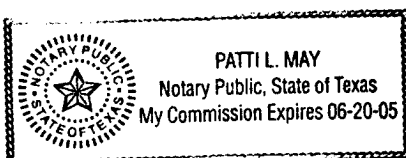
Company

State of Texas

County of Harris

On this 28 day of April, 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

06/20/05
My Commission Expires



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

Job Number: 205-156
Company: BHEP / Mallon Oil
Lease/Well: Jicarilla 29-02-28 # 1
Location: Rio Arriba County
Rig Name: Key 44
RKB:
G.L. or M.S.L.: API #300-39-27066

State/Country: New Mexico
Declination: 10.22° East
Grid:
File name: N:\BLACKH-1\2005\205-15~1\2902281.SVY
Date/Time: 28-Apr-05 / 15:28
Curve Name: Final NMOCF Filing

WINSERVE SURVEY CALCULATIONS
Minimum Curvature Method
Vertical Section Plane 90.00
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 Gyro Data Survey						
3486.00	2.25	356.80	3483.30	81.90	9.50	9.50
First Nevis MWD Survey						
3571.00	38.00	54.20	3561.99	99.48	31.39	31.39
3602.00	56.30	56.30	3582.98	112.33	50.02	50.02
3634.00	79.30	65.10	3595.01	126.55	75.74	75.74
3662.00	93.80	71.40	3596.69	136.86	101.62	101.62
3693.00	100.70	76.30	3592.78	145.42	131.13	131.13
3724.00	105.00	82.30	3585.88	151.04	160.80	160.80
3756.00	104.70	88.60	3577.67	153.49	191.62	191.62
3787.00	104.50	90.00	3569.86	153.86	221.62	221.62
3818.00	105.00	89.70	3561.97	153.93	251.59	251.59
3849.00	101.70	90.40	3554.81	153.91	281.75	281.75
3882.00	98.90	92.50	3548.91	153.08	314.20	314.20
3913.00	96.90	94.60	3544.65	151.18	344.85	344.85
3944.00	92.70	96.00	3542.05	148.33	375.60	375.60
3975.00	92.00	96.30	3540.78	145.01	406.39	406.39
4038.00	88.30	95.70	3540.62	138.42	469.04	469.04
4102.00	88.20	95.70	3542.57	132.07	532.69	532.69
4165.00	90.10	96.30	3543.51	125.49	595.34	595.34
4228.00	90.30	97.10	3543.29	118.14	657.91	657.91
4291.00	89.90	97.80	3543.18	109.97	720.37	720.37

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT
4354.00	92.20	96.00	3542.02	102.40	782.90	782.90
4417.00	91.80	94.80	3539.82	96.48	845.58	845.58
4480.00	91.80	96.00	3537.84	90.55	908.27	908.27
4543.00	91.70	95.70	3535.92	84.13	970.91	970.91
4606.00	91.70	95.30	3534.05	78.10	1033.59	1033.59
4668.00	90.40	94.20	3532.92	72.96	1095.37	1095.37
4731.00	89.90	92.80	3532.75	69.12	1158.25	1158.25
4793.00	89.40	91.80	3533.13	66.63	1220.20	1220.20
4857.00	88.90	91.10	3534.08	65.01	1284.17	1284.17
4919.00	89.60	90.00	3534.89	64.41	1346.16	1346.16
4982.00	89.40	88.30	3535.44	65.35	1409.15	1409.15
5045.00	89.70	87.90	3535.93	67.44	1472.11	1472.11
5108.00	91.10	86.90	3535.49	70.29	1535.04	1535.04
5171.00	91.50	87.20	3534.07	73.54	1597.94	1597.94
5233.00	91.50	89.90	3532.44	75.10	1659.89	1659.89
5296.00	92.60	86.20	3530.19	77.25	1722.81	1722.81
5360.00	94.00	85.80	3526.50	81.70	1786.54	1786.54
5423.00	94.00	85.80	3522.11	86.31	1849.22	1849.22
5486.00	93.40	85.10	3518.04	91.29	1911.89	1911.89
Last Nevis MWD Survey						
5549.00	94.70	85.80	3513.59	96.28	1974.53	1974.53
Survey Projected to TD						
5621.00	94.70	85.80	3507.69	101.53	2046.10	2046.10