

OIL CONSERVATION DIVISION

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Directional Survey Log

NOV 04 1985

MESA GRANDE RESOURCES, INC.

1200 Philtower Building

Tulsa, Oklahoma 74103

Operator

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

FEDERAL HELLCAT #1	22	25N	2W
Well Name	No.	Sec.	Twp. Range

Rio Arriba County, New Mexico

<u>Date</u>	<u>Depth</u>	<u>Deviation</u>
9/27/84	500'	1/2 degree
9/28/84	851'	3/4 degree
9/28/84	1,050'	3/4 degree
9/29/84	1,365'	3/4 degree
9/29/84	1,721'	3/4 degree
9/29/84	2,121'	3/4 degree
9/30/84	2,750'	1 degree
9/30/84	3,063'	1 degree
10/01/84	3,614'	1/4 degree
10/03/84	4,115'	1 degree
10/04/84	4,738'	1 degree
10/05/84	5,141'	1/2 degree
10/06/84	5,754'	3 degrees
10/09/84	6,204'	3/4 degree
10/10/84	6,890'	3/4 degree
10/13/84	7,468'	1 1/2 degrees
10/16/84	8,024'	2 degrees T.D.

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NOV 08 1985

OIL CON. DIV
DIST. 3

Christopher L. Phillips
By: Christopher L. Phillips

STATE OF OKLAHOMA)
) SS.
COUNTY OF TULSA)

On this 30 day of October, 1985, before me personally appeared Christopher L. Phillips, to me known to be the person described in and who executed the foregoing instrument and acknowledged that he executed the same as his free act and deed.

IN WITNESS WHEREOF, I have set my hand and seal of office the 30 day of October, 1985.

Carol Smith
Notary Public

My Commission Expires:
March 25, 1987