



**REPORT
of
SUB-SURFACE
DIRECTIONAL
SURVEY**

CHAUVEROO OPERATING COMPANY INC
COMPANY

L.S.A. WELL NO. 2
WELL NAME

LEA COUNTY, NEW MEXICO
LOCATION

JOB NUMBER
WT0785-S0365

TYPE OF SURVEY
MAGNETIC MULTI-SHOT SURVEY

DATE
06/20/85

SURVEY BY
TROY ONEY

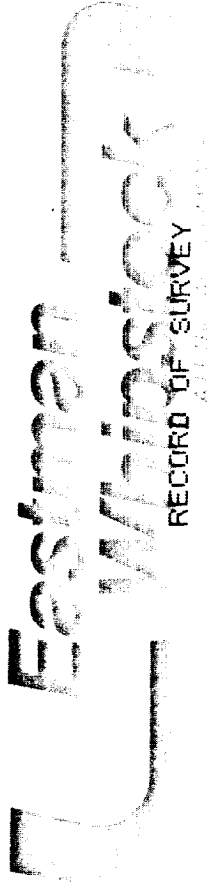
OFFICE
WEST TEXAS

RECEIVED
DEC 2 - 1985
O.C.D.
HOBB'S OFFICE

CHAVEROO OPERATING COMPANY, INC.
L.S.A. WELL NO. 2
LEA COUNTY, NEW MEXICO B02-240
JULY 20, 1985

EASTMAN WHIPSTOCK, INC.
MAGNETIC MULTI SHOT SURVEY
SURVEYOR: TROY ONEY
WT0785-S0365
(3502' -9345')

3502 FEET WELLBORE ASSUMED VERTICAL



RADIUS OF CURVATURE METHOD

RECEIVED
DEC 2 - 1985
O. P. D.
HOBBY OFFICE

RECEIVED
DEC 2 - 1985
O.C.O.
HOBBS OFFICE

RECEIVED
DEC 2 - 1985
C. P. P.
HOBBS OFFICE

1000
1000
1000

1000
1000
1000

RECEIVED
DEC 2 - 1985
O.C.P.
HOBBS OFFICE

RECEIVED
DEC 2 - 1985
G. C. B.
HOLERS OFFICE



(915) 563-0511
P.O. Box 6341/Terminal Station/Midland, TX 79711-0341

SURVEY CERTIFICATION SHEET

STATE OF TEXAS
COUNTY OF MIDLAND

I, Troy Oney, in the employ of Eastman Whipstock, Inc., did on the days of 7-20, 19 85 thru 7-20, 19 85 conduct or supervise the taking of a Magnetic Multi Shot survey by the method of magnetic orientation from a depth of 3502 feet to 9345 feet, with recordings of inclination and direction being obtained at approximate intervals of 100 feet.

This survey was conducted at the request of Chaveroo Operating Company, Inc. for their LSA Well No. 2, Lea County, State of New Mexico, in the _____ field.

This data for this survey and the calculation were obtained and performed by me according to standards and procedures as set forth by Eastman Whipstock, Inc. and is true and correct to the best of my knowledge.

[Signature]
Directional Supervisor / Surveyor

The data for this survey has been examined by me and conforms to principles and procedures set forth by Eastman Whipstock, Inc.

[Signature]

Before me, the undersigned authority, on this day personally appeared Troy Oney, known to me to be the person whose name is subscribed to this instrument, who after being by me duly sworn on oath, states that he has knowledge of all the facts stated above and that this instrument is a true statement of facts therein recited.

Subscribed and sworn to before me on this 23 day of July, 19 85

Timothy R. Stephens
Notary Public in and for the
County of Midland, Texas
My commission expires _____



Timothy R. Stephens
Notary Public, State of Texas
My Commission Expires 4-1-89

RECEIVED
DEC 2 - 1985
C.C.D.
HCBAS OFFICE