



**REPORT
of
SUB-SURFACE
DIRECTIONAL
SURVEY**

STEAM RESERVES CORPORATION
COMPANY

ANIMAS 55 WELL NO. 7
WELL NAME

HIDALGO COUNTY, NEW MEXICO BD2-165
LOCATION

JOB NUMBER

WT0185-S0160

TYPE OF SURVEY

MAGNETIC MULTI SHOT SURVEY

DATE

6-JAN-85

SURVEY BY

TROY ONEY

OFFICE

WEST TEXAS

STEAM RESERVES CORPORATION
ANIMAS 55 WELL NO. 7
HIDALGO COUNTY, NEW MEXICO
JAN. 7, 1985

BD2-165

EASTMAN WHIPSTOCK, INC.
MAGNETIC MULTI SHOT SURVEY
SURVEYOR: TROY ONEY

WT0185-S0160
(360'-1031')



VERTICAL SECTION CALCULATED IN PLANE OF PROJECTION
DIRECTION N 00 DEG
ZERO POINT AT 0.00 A PETROLEUM COMPANY

RECORD OF SURVEY

RADIUS OF CURVATURE METHOD

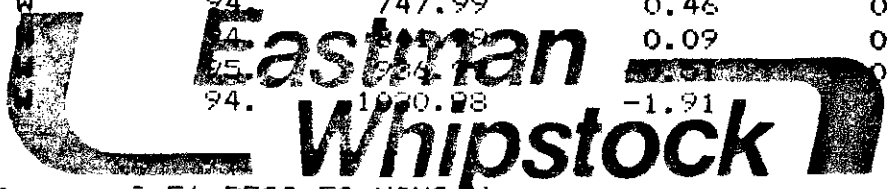
STEAM RESERVES CORPORATION
 ANIMAS 55 WELL NO. 7
 HIDALGO COUNTY, NEW MEXICO

BD2-165

COMPUTATION
 TIME DATE
 07:57:40 07-JAN-84

PAGE NO. 1

MEASURED DEPTH FEET	DRIFT ANGLE D M	DRIFT DIRECTION D	COURSE LENGTH FEET	TRUE VERTICAL DEPTH FEET	VERTICAL SECTION FEET	RECTANGULAR COORDINATES FEET	DOGLEG SEVERITY DG/100FT	
360.	0 0	0	0.	360.00	0.00	0.00 0.00	0.00	
CASING ASSUMED VERTICAL TO 360 FT.								
373.	0 15	N 58 W	13.	373.00	0.01	0.01 N 0.02 W	1.92	
465.	0 45	S 83 W	92.	465.00	0.19	0.19 N 0.79 W	0.63	
559.	0 15	N 58 W	94.	558.99	0.36	0.36 N 1.58 W	0.61	
654.	0 15	N 65 W	95.	653.99	0.56	0.56 N 1.94 W	0.03	
748.	0 15	S 34 W	94.	747.99	0.46	0.46 N 2.31 W	0.35	
842.	0 15	S 20 W	94.	841.99	0.09	0.09 N 2.49 W	0.06	
937.	0 30	S 7 W	95.	936.99	0.51	0.51 S 2.64 W	0.28	
1031.	1 15	S 17 W	94.	1030.98	-1.91	1.91 S 2.93 W	0.81	



FINAL CLOSURE - DIRECTION: S 56 DEGS 53 MINS W PETROLANE COMPANY
 DISTANCE: 3.50 FEET

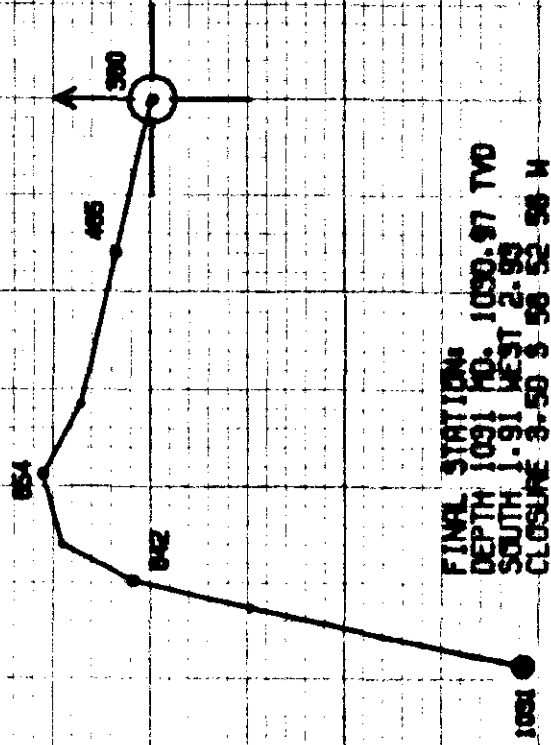
STEER RESERVES CORPORATION
ANIMAS 55 WELL NO. 7
HIDALGO COUNTY, NEW MEXICO

BD2-165

EASTMAN WHIPSTOCK, INC.

HORIZONTAL PROJECTION

SCALE 1 IN. = 1 FEET
DEPTH INDICATOR: MD





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

SURVEY CERTIFICATION SHEET

STATE OF TEXAS
COUNTY OF MIDLAND

I, TROY ONEY, in the employ of Eastman Whipstock, Inc., did on the days of JAN. 6th, 1985 thru JAN. 6th, 1985 conduct or supervise the taking of a MAGNETIC MULTI SHOT survey by the method of magnetic orientation from a depth of 360 feet to 1031 feet, with recordings of inclination and direction being obtained at approximate intervals of 94 feet.

This survey was conducted at the request of STEAM RESERVES CORP. for their ANIMAS 55 WELL NO. 7, HIDALGO 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.

Troy Oney
Directional Supervisor/Surveyor

The data for this survey has been examined by me and confirms 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 information is a true statement of facts therein recited.

Subscribed and sworn to before me on this 24th day of JAN., 1985.

Roy L. Steinke
Notary Public in and for the
County of Midland, Texas



ROY L. STEINKE
Notary Public, State of Texas
My Commission Expires July 8, 1985