

CUSTOMER : SUPERIOR OIL COMPANY

WELL # : MESCALERO RIDGE #1

LOCATION : LEA COUNTY, NEW MEXICO

DATE : 9-05-83

LOG TYPE : MAGNETIC MULTISHOT

LOG # : MS-1256

INTERVIEWER : ALAN HARBERT

DEPTH : 5140'-10200'

DIP : 10 DEGREES EAST

WELL # : 0'

LOG # : WT-C7S

METHOD : RADIUS OF CURVATURE

SECTION : 0

NAL STATION DATA:

MEASURED	INCL.	HOLE	COURSE	VERTICAL	RECTANGULAR	CLOSURE	DOG-LEG
DEPTH	ANGLE	DIRECTION	LENGTH	DEPTH	COORDINATES	DISTANCE	SEVERITY
FEET	DEGS.	DEGS.	FEET	FEET	N/S	FEET	DEGS.
10200.00	1.00	N 61.00 E	39.00	10196.20	148.28 N	0.91 W	148.55at N 03.44 W
							0.99

THIS SURVEY IS CORRECT TO THE
BEST OF MY KNOWLEDGE AND IS
SUPPORTED BY ACTUAL FIELD DATA.
Alan Harbert
DIG REPRESENTATIVE

123456789101112131415161718192021222324252627282930313233343536373839404142434445464748495051525354555657585960616263646566676869707172737475767778798081828384858687888990919293949596979899100

MEASURED	INCL.	HOLE	COURSE	VERTICAL	TRUE	RECTOR	CL	OS	UR	E	DUG-LEG
DEPTH	ANGLE	DIRECTION	LENGTH	DEPTH		COORDINATES	DISTANCE	DIRECTION	SEVERITY		
FEET	DEGS.	DEGS.	FEET	FEET		N/S	feet	E/W	DEGS.		DG/100FT
5140.00	0.00	N 00.00 E	0.00	5140.00		0.00 N	0.00	E	0.00at N 00.00 E		0.00
5245.00	.75	N 06.00 W	105.00	5245.00		.68 N	.07	W	.69at N 06.00 W		.71
5338.00	1.00	N 45.00 W	93.00	5337.99		1.94 N	.67	W	2.05at N 19.08 W		.68
5431.00	1.00	N 37.00 W	93.00	5430.97		3.16 N	1.74	W	3.61at N 28.74 W		.15
5524.00	1.00	N 19.00 W	93.00	5523.96		4.59 N	2.49	W	5.23at N 28.51 W		.34
5616.00	.75	N 20.00 E	92.00	5615.95		5.97 N	2.48	W	6.47at N 22.57 W		.68
5709.00	1.00	N 11.00 E	93.00	5708.94		7.34 N	2.10	W	7.63at N 15.99 W		.31
5802.00	1.50	N 23.00 E	93.00	5801.91		9.27 N	1.51	W	9.40at N 09.25 W		.60
5895.00	2.00	N 04.00 E	93.00	5894.87		12.02 N	.85	W	12.05at N 04.04 W		.82
5987.00	2.50	N 03.00 E	92.00	5986.80		15.63 N	.63	W	15.64at N 02.31 W		.55
6080.00	2.25	N 05.00 E	93.00	6079.72		19.47 N	.36	W	19.48at N 01.06 W		.28
6173.00	2.00	N 21.00 E	93.00	6172.65		22.82 N	.41	E	22.82at N 01.03 E		.69
6266.00	1.75	N 19.00 E	93.00	6265.60		25.68 N	1.45	E	25.72at N 03.23 E		.28
6358.00	1.50	N 16.00 E	92.00	6357.57		28.17 N	2.24	E	28.26at N 04.53 E		.29
6451.00	2.00	N 05.00 E	93.00	6450.52		30.96 N	2.75	E	31.00at N 05.08 E		.65
6544.00	1.50	N 05.00 W	93.00	6543.48		33.79 N	2.75	E	33.90at N 04.65 E		.63
6637.00	1.50	N 10.00 W	93.00	6636.45		36.21 N	2.44	E	36.29at N 03.84 E		.14
6729.00	1.25	N 04.00 W	92.00	6728.42		38.40 N	2.17	E	38.46at N 03.22 E		.31
6822.00	1.00	N 24.00 E	93.00	6821.40		40.18 N	2.48	E	40.25at N 03.53 E		.64
6915.00	1.25	N 19.00 E	93.00	6914.39		41.87 N	3.15	E	41.99at N 04.30 E		.29
7008.00	1.25	N 84.00 E	93.00	7007.36		43.07 N	4.65	E	43.32at N 06.16 E		1.44
7100.00	2.00	S 38.00 E	92.00	7099.33		42.09 N	6.95	E	42.66at N 09.38 E		1.85
7193.00	3.00	N 39.00 E	93.00	7192.24		42.06 N	10.49	E	43.35at N 13.99 E		4.26
7286.00	3.50	N 06.00 E	93.00	7285.09		46.87 N	12.48	E	48.50at N 14.90 E		2.05
7379.00	3.50	N 09.00 E	93.00	7377.91		52.50 N	13.22	E	54.13at N 14.13 E		.20

MEASURED	INCL.	HOLE	COURSE	TRUE	RECTANGULAR	CLOSURE	DIRECTION	SEVERITY
DEPTH	ANGLE	DIRECTION	LENGTH	DEPTH	CORDINATES	DISTANCE	DEGS.	DG/100FT
FEET	DEGS.	DEGS.	FEET	FEET	N/S feet E/W	FEET		
9770.00	1.75	N 30.00 W	93.00	9786.32	139.54 N 11.34 W	140.00at N 04.64 W		.57
9883.00	1.50	N 11.00 E	93.00	9879.29	142.08 N 11.77 W	142.57at N 04.73 W		1.25
9976.00	1.50	N 13.00 E	93.00	9972.25	144.46 N 11.26 W	144.90at N 04.45 W		.06
10068.00	1.25	N 19.00 E	92.00	10064.23	146.59 N 10.66 W	146.97at N 04.15 W		.31
10161.00	1.00	N 61.00 E	93.00	10157.21	147.95 N 9.51 W	148.26at N 03.67 W		.90

INCLINATION AND DIRECTION AT 10161' MD PROJECTED TO 10200' MD FOR BOTTOM HOLE LOCATION.

10200.00 1.00 N 61.00 E 39.00 10196.20 140.28 N 8.91 W 148.55at N 03.44 W 0.00

CLOSURE DISTANCE = 148.55 FEET.
CLOSURE DIRECTION = N 3.44 W

SUPERIOR OIL COMPANY

WELL # 1
MEGALERO RIDGE #1

LOCATION :
LEA COUNTY, NEW MEXICO

DATE :
9-08-83

JOB TYPE :
MAGNETIC MULTISHOT

JOB # :
MS-1250

SURVEYOR :
ALAN HARBERT

DEPTHS :
5140' - 10200'

DECL. :
10 DEGREE9 EAST

ELEV. :
0'

FILE # :
WT-C79

FINAL STATION DATA:

MD. 10200.00
TVD. 10195.20

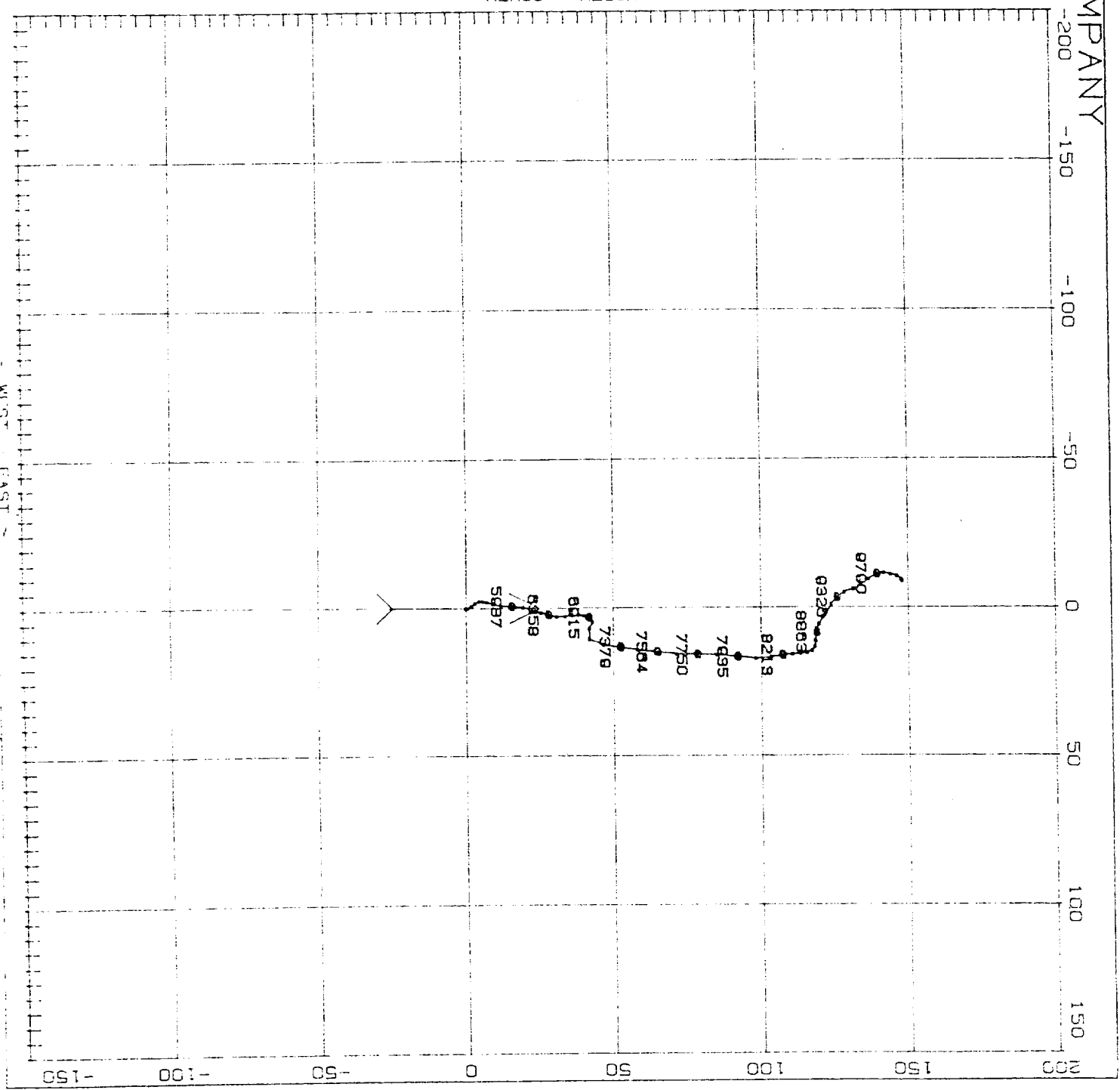
N/S 149.28
E/W -8.91

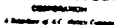
CLOSURE DISTANCE
148.55 FEET

CLOSURE DIRECTION
N 3.44 W

1 IN. = 50 FT.

▲ NORTH - SOUTH
▼ WEST - EAST





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STATE NM

API 30-025-26735

MAP

(CORD)

8-5-29 NM

SPD 4-10-80 CMP 8-5-80

CSG

WELL CLASS: INITWF F: WF LSE. CODE

FORMATION

DATA

FORMATION

DATUM

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13,420' (MRRW) FRU

DRY & ABANDONED

CONTR Delta

3838'GL, 3861'KB PD 13,400' Comb

F.R. 4-21-80

(Morrow)

4-14-80

Drlg 2060'

4-29-80

Dr1g 5512' do1c

5-6-80

Dr1g 9140' 1m & sh

5-13-80

Dr1g 11,452 do1o, sh & lm

6-3-80

TD 13,420³; MICT

6-10-80

TD 13,420²; PBD 13,338¹; SI

Perf (Morrow) 13,179-182', 13,190-200'
(overall)

6-17-80

TD 13,420'; PBD 13,338'; Tstg

Acid (13,179-200') 3000 gals

Swbd, 125 BGCW w/tr oil (13,179-200')

6-30-80

TD 13,420'; PBD 13,338'; Tstg

Perf (Morrow) 13,123-132' (overall)

Flwd 24 BO in 3 hrs, TP 100# (13,123-132')

Perf (Morrow) 12,995-13,100' w/52 shots (overall)

Acid (12,995-13,100') 6000 gals

8-5-29 NM

LEA

Wildcat

NM

SUPERIOR OIL CO., THE 1 Mescalero Ridge Com.
Sec 17, T19S, R35E

Page #2

7-15-80 TD 13,420'; PBD 13,338'; Tstg
Swbd 40 BSW in 24 hrs (12,995-13,132')

7-22-80 TD 13,420'; PBD 12,850'; Swbg
PB to 12,850'
Perf (Abo) 10,230-250' w/2 SPF
Swbd 75 BW w/tr oil (10,230-250')

7-29-80 TD 13,420'; PBD 12,850'; Recg Ld
Acid (10,230-250') 2500 gals
Swbd 118 BW in 11 hrs (10,230-250')

8-5-80 TD 13,420'; D&A (Hold)

8-25-80 TD 13,420'; Dry & Abandoned
Will re-issue if Log Tops become available
LOGS RUN: GRL, CCL 8-5-29 NM

8-30-80 COMPLETION ISSUED IC 30-025-70176-80
