

NEW MICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

9 C-102
Seresedes C-123
Effective 1-1-85

All distances must be from the outer boundaries of the Section

PENROC OIL CORPORATION			MADERA COM.		Well No. 1
Section	Township	Range	County		
F	11	24 SOUTH	34 EAST	LEA	
Actual Footage Location of Well:					
1980	feet from the WEST	660	feet from the NORTH &		
3581.1	Atoka & Morrow	Antelope Ridge Atoka & Morrow - Undesignated		Dedicated Acreage: 320	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc.

☒ Yes ☐ No If answer is "yes," type of consolidation **Joint Operating Agreement**

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

Getty 7-1-82	660'	Hanover Planning Co., Inc. 3-15-74	Kewanee 3-1-75 0556298
1980'		Kewanee Penroc Oil Corp.	
NM 15922			
U. S.	Fee: Madera et al	U. S.	

CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Stephen J. Dallery
Vice-Pres. of Exploration

Penroc Oil Corporation

August 27, 1973

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

AUGUST 24, 1973

Registered Professional Engineer
and Land Surveyor

John W. West

676

RECEIVED

AUG 20 1974

U.S. CONSERVATION COMMISSION
NOV 12 1974

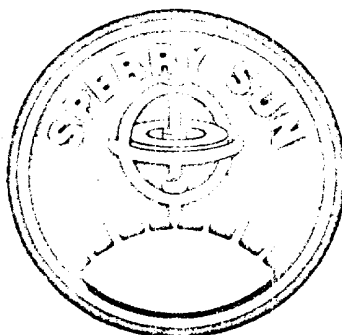
U.S. CONSERVATION COMMISSION
NOV 12 1974

SPERRY-SUN

DIRECTIONAL SURVEY REPORT

FOR

PENROC OIL CORPORATION



TYPE OF SURVEY: Gyroscopic Multishot
SURVEY DEPTH: FROM -0- FT. TO 14,066 FT.
LEASE: Madera WELL NO. 1
FIELD: W/C
COUNTY/PARISH Lea STATE New Mexico
DATE OF SURVEY Jan. 19, 1974 JOB NO. SU3-6664, MS-6616
OFFICE: Odessa, Texas 563-1106

PENROC OIL CORPORATION

MADERA NO.1

WILCOAT

LTF COUNTY, NEW MEXICO

GYROSCOPIC AND MAGNETIC MULTISHOT

DATE OF SURVEY JANUARY 19, 1974

VERTICAL SECTION COMPUTED ALONG CLOSURE

MS-6616, SU-3-6664

SPERRY-SUN
RECORD OF SURVEY

TRUE				INCLINATION		DIRECTION		DOG-LEG		RECTANGULAR COORDINATES			
MEASURED	VERTICAL			SEVERITY	VERTICAL			NORTH	SOUTH	EAST	WEST		
DEPTH	DEPTH	DEG	MIN	DEG	DEG/100	SECTION	SECTION						
0.	.00	ORIGIN AT SURFACE						.00	.00				
200.	200.00	0	15	S 40 W	.13	-.22			.67		.58		
400.	399.99	0	30	S 30 W	.13	-.94			2.18		1.43		
600.	599.98	0	30	S 73 W	.18	-.38			2.69		3.17		
800.	799.98	0	15	S 14 W	.21	-.95			3.54		3.31		
1000.	999.98	0	5	S 14 W	.08	-1.14			3.82		3.38		
1200.	1199.98	0	15	N 11 E	.17	-.54			2.96		3.22		
1400.	1399.98	0	15	N 19 E	.02	-.03			2.14		2.93		
1600.	1599.97	0	20	N 19 E	.04	.64			1.04		2.55		
1800.	1799.97	0	15	N 20 E	.04	1.14			.22		2.26		
2000.	1999.97	0	20	N 32 W	.13	2.30		.77			2.87		
2200.	2199.95	0	40	N 54 W	.19	4.50		2.14			4.76		
2400.	2399.94	0	45	N 51 W	.05	7.03		3.78			6.79		
2600.	2599.92	0	40	N 51 W	.04	9.27		5.25			8.67		
2800.	2799.90	0	55	N 21 W	.24	12.37		8.24			9.75		
3000.	2999.83	1	30	N 5 E	.39	16.34		13.45			9.29		
3200.	3199.73	1	50	N 11 E	.19	20.74		19.73			8.07		
3400.	3399.52	2	35	N 13 E	.38	26.71		28.52			6.74		
3600.	3599.28	2	50	N 14 E	.13	33.12		38.11			3.65		
3800.	3799.13	2	15	N 13 E	.29	38.31		45.76			1.80		
4000.	3999.08	1	15	N 14 E	.50	41.14		49.99			.		

PENROC OIL CORPORATION

MADERA NO.1

WILDCAT

LTE COUNTY, NEW MEXICO

GYROSCOPIC AND MAGNETIC MULTISHOT

DATE OF SURVEY

JANUARY 19, 1974

VERTICAL SECTION COMPUTED ALONG CLOSURE

MS-6616, SU-3-6664

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SPERRY-SUN

RECORD OF SURVEY

MEASURED DEPTH	TRUE VERTICAL DEPTH	INCLINATION		DIRECTION	DOG-LEG SEVERITY DEG/100	VERTICAL SECTION		RECTANGULAR COORDINATES		
		DEG	MIN			DEG	NORTH	SOUTH	EAST	WEST
4200.	4199.07	0	35	N 30 E	.35	41.98	51.76		.19	
4400.	4398.88	2	30	S 83 E	1.17	36.08	50.69		8.85	
4600.	4598.39	4	0	S 87 E	.76	27.33	49.96		22.73	
4800.	4797.63	5	0	S 86 E	.50	16.28	48.75		40.17	
5000.	4996.82	5	10	S 90 E	.20	5.80	48.75		58.18	
5200.	5196.57	2	50	N 72 E	1.31	2.81	51.80		67.58	
5400.	5396.33	2	30	N 79 E	.23	-.82	53.47		76.15	
5600.	5596.19	2	30	N 85 E	.17	-5.25	54.23		84.84	
5800.	5796.01	2	25	N 87 E	.06	-9.79	54.67		93.25	
6000.	5995.89	2	0	N 88 E	.21	-13.65	54.91		100.24	
6200.	6195.79	1	50	S 88 E	.11	-17.56	54.69		106.03	
6400.	6395.70	1	45	S 87 E	.04	-21.36	54.37		112.73	
6600.	6595.61	1	40	S 84 E	.06	-25.23	53.76		118.51	
6800.	6795.55	1	25	N 88 E	.16	-27.96	53.93		123.46	
7000.	6995.51	1	10	N 83 E	.14	-29.91	54.43		127.50	
7200.	7195.47	1	5	N 79 E	.06	-31.49	55.15		131.21	
7400.	7395.46	0	40	S 99 E	.23	-32.87	55.11		133.54	
7600.	7595.44	0	45	S 64 E	.16	-35.17	53.96		135.89	
7800.	7795.42	0	55	S 66 E	.08	-37.93	52.56		138.81	
8000.	7995.40	0	45	S 74 E	.10	-39.98	51.24		141.73	
8200.	8195.39	0	30	S 87 E	.14	-41.07	51.85		143.07	

PENROC OIL CORPORATION

MADERA NO.1

WILCOCK

LIFE COUNTY, NEW MEXICO

GYROSCOPIC AND MAGNETIC MULTISHOT

DATE OF SURVEY

PAGE 7

VERTICAL SECTION COMPUTED ALONG CLOSURE

MS-6616, SU-3-8884

SPERRY-SUN

RECORD OF SURVEY

MEASURED DEPTH	TRUE VERTICAL DEPTH	INCLINATION		DIRECTION	DOG-LEG SEVERITY DEC/100	VERTICAL SECTION	RECTANGULAR COORDINATES		
		DEG	MIN				NORTH	SOUTH	WEST
8400.	8395.38	0	35	N 64 E	.14	-41.41	52.74		144.90
8600.	8595.37	0	30	N 66 E	.04	-41.76	53.45		146.50
8800.	8795.36	0	35	N 42 E	.12	-41.32	54.96		147.86
9000.	8995.32	1	10	N 1 E	.41	-38.05	59.04		147.93
9200.	9195.21	1	55	N 5 W	.38	-32.29	65.70		147.35
9400.	9395.12	1	45	N 5 E	.18	-27.65	71.78		147.88
9600.	9594.93	2	30	N 16 E	.43	-22.23	80.17		150.28
9800.	9794.65	3	0	N 7 E	.33	-14.52	90.56		151.56
10000.	9994.53	2	0	N 17 W	.71	-7.90	97.23		149.52
10200.	10194.36	2	20	N 38 W	.43	.23	103.65		144.51
10400.	10394.21	2	15	N 41 W	.07	8.05	109.58		139.35
10600.	10594.07	2	10	N 42 W	.05	15.56	115.20		134.30
10800.	10793.94	2	0	N 40 W	.09	22.52	120.54		129.81
11000.	10993.88	1	30	N 49 W	.28	27.61	123.98		125.86
11200.	11193.76	1	55	N 51 W	.21	34.05	128.19		120.66
11400.	11393.57	2	30	N 48 W	.30	42.58	134.02		114.18
11600.	11593.46	1	55	N 32 W	.42	49.26	139.70		110.63
11800.	11793.23	2	45	N 8 W	.63	57.76	149.20		109.70
12000.	11992.96	3	0	N 3 W	.18	66.58	159.65		108.75
12200.	12192.20	5	0	N 5 W	1.00	81.59	177.02		107.23
12300.	12291.74	5	30	N 30 W	2.32	91.13	185.32		102.44

ARMROC OIL CORPORATION

WADERA NC.1

WILDCAT

LIFE COUNTY, NEW MEXICO

GYROSCOPIC AND MAGNETIC MULTISHOT

PAGE . 4

DATE OF SURVEY

JANUARY 19, 1974

VERTICAL SECTION COMPUTED ALONG CLOSURE

MS-6616, SU-3-6664

SPERRY-SUN

RECORD OF SURVEY

MEASURED DEPTH	TRUE VERTICAL DEPTH	INCLINATION		DIRECTION	DEG	MIN	DEG	SEVERITY DEG/100	RECTANGULAR COORDINATES		
		DEG							NORTH	SOUTH	WEST
12400.	12390.99	7	0	N 53 W			2.99		192.65		92.70
12500.	12489.75	9	0	N 64 W			2.51		199.51		78.64
12600.	12587.66	11	45	N 68 W			2.84		207.14		59.76
12700.	12684.37	14	45	N 71 W			3.08		215.43		35.69
12800.	12780.25	15	30	N 74 W			1.93		223.26		8.39
12900.	12876.13	16	30	N 75 W			.28		230.61		19.05
13000.	12972.61	15	15	N 73 W			1.36		238.30		44.20
13100.	13068.49	16	30	N 68 W			1.85		248.94		70.53
13200.	13164.12	17	0	N 72 W			1.26		257.97		98.34
13400.	13355.38	17	0	N 55 W			2.48		291.51		146.24
13600.	13545.05	18	30	N 53 W			.81		329.70		196.92
13800.	13735.79	17	30	N 51 W			.59		367.55		243.66
14000.	13927.80	16	15	N 50 W			.64		403.53		286.53
14066.	13991.24	16	0	N 41 W			3.80		417.25		296.47

THE CALCULATION PROCEDURES ARE BASED ON THE USE OF THE TANGENTIAL OR CHORD METHOD

HORIZONTAL DISPLACEMENT = 513.01 FEET AT NORTH 35 DEG. 34 MIN. WEST (TRUE)

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

Penroc Oil Corporation			Madera Com.		Well No. 1
Section 11	Township 24 SOUTH	Range 34 EAST	County Lea		
Location of well					
1980	feet from the WEST	line and 660	feet from the NORTH	line	
Producing Formation Atoka & Morrow		Pool Antelope Ridge Atoka & Morrow - Undesignated	Dedicated Acreage: 320 Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.

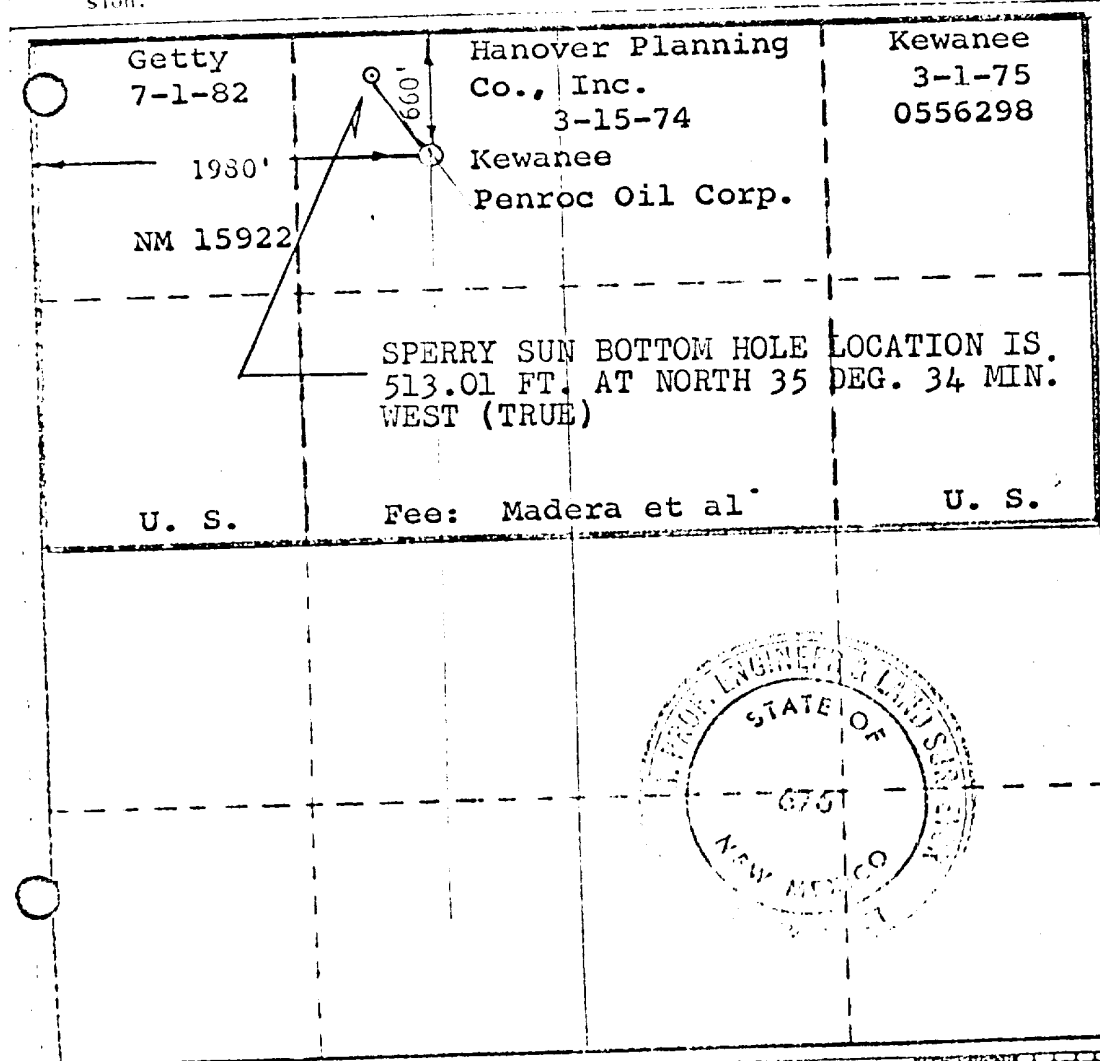
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☒ Yes ☐ No If answer is "yes," type of consolidation Joint Operating Agreement

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

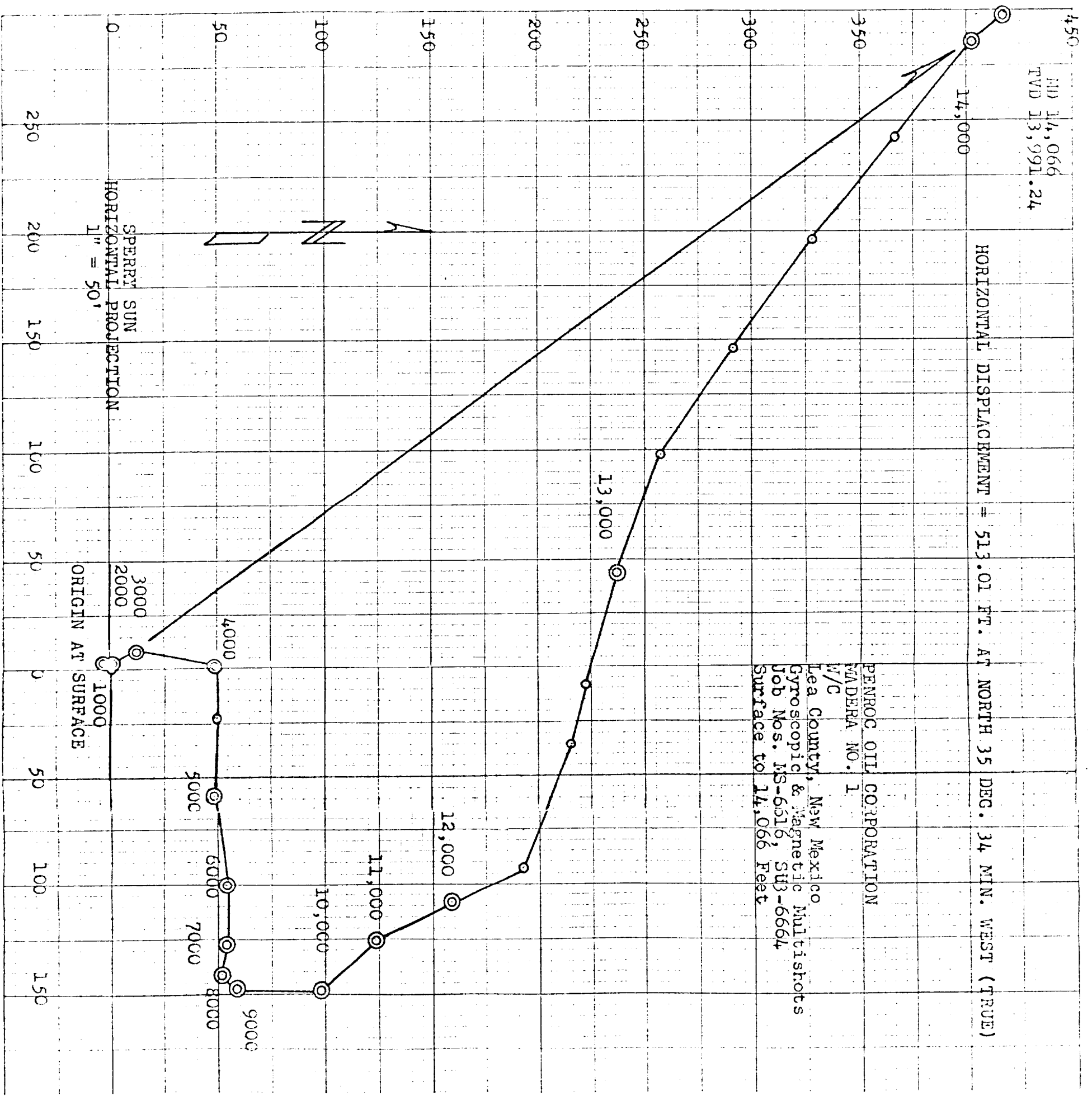
Name John W. Warr
Position Vice-Pres. of Exploration
Company Penroc Oil Corporation
Date August 27, 1973

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed AUGUST 24, 1973

Registered Professional Engineer and/or Land Surveyor

John W. Warr
Certificate No. 676



PENROC OIL CORPORATION
 WADSWORTH NO. 1
 W/C
 Lea County, New Mexico
 Gyroscopic & Magnetic Multishots
 Job Nos. MS-6616, MS-6664
 Surface to 14,066 Feet

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CO. INTY LFA FIELD Antelope Ridge STATE NM

OPR PENROCK OIL CORP. API 30-025-24514

LEASE Madera Com. SERIAL

Sec 11, T-24-S, R-34-E MAP

660' FNL, 1980' FWL of Sec CO-ORD

SPD 9-7-73 CMP 3-10-74 CLASS DG ELEV 3493 DF L & S

FORMATION	DATUM	FORMATION	DATUM
16" at 349' w/600 sx			
10 3/4" at 5199' w/375 sx			
7 5/8" at 12,099' w/375 sx			
5 1/2" Lnr at 11,666-14,060' w/600 sx			
TO 14,100' (MKRW) PBD		13,918'	

(Morrow) Perfs 13,524-744' SHUT IN GAS WELL

CONTR Brananey Drlg OPRS ELEV 3481' GL FD 14,000' TYPE RT

F.R. 9-3-73
(Morrow)

9-12-73 Drlg 2460'

9-19-73 Drlg 5170' lm

9-26-73 Drlg 7080' lm

10-3-73 Drlg 9425'

10-10-73 Drlg 11,620'

10-17-73 Drlg 12,101'

10-23-73 Drlg 12,324'

10-31-73 TD 12,718'; Prep DST

11-7-73 TD 12,932'; Fshg

DST (Atoka) 12,100-719', open 1 hr (3000' WB)

rec WB + 5000' M, 1 hr 30 min ESIP 8789#

11-7-73 Cont'd
FP 3114-3703#, 3 hr FSIF 8594#, HP 9442-9377#

11-14-73 Drlg 13,154' 1m & sh
11-28-73 TD 13,580', on DST 13,345'-580'
12-5-73 TD 13,580'; Prep Whipstock @ 13,000'
DST 13,345-580'; Tool Stuck

12-12-73 TD 13,580'; PB 13,132'; Set WS @ 13,202'
WS TD 13,202'; Fishing

12-19-73 TD 13,580'
WS Drlg 13,397'

1-3-74 Drlg 13,843'
1-9-74 Drlg 14,048'
1-16-74 TD 14,100'; Prep Rn Logs

2-26-74 TD 14,100'; WOCU
2-20-74 TD 14,100'; PB 13,918'; Prep Perf
Perf 13,974-14,017' w/30 shots (overall)
Acid (13,974-14,017') 6000 gals (7½% MSA)
Small amt gas flare (13,974-14,017')

2-27-74 TD 14,100'; PB 13,918'; Tstg
Perf 13,524-744' w/138 shots (overall)
Acid (13,524-744') 10,000 gals (7½% MSA)
Making gas & sm amount Dist (13,524-744')

3-6-74 TD 14,100'; PB 13,918'; Tstg
Flwd 1115 MCFGPD (13,524-744')

3-13-74 TD 14,100'; PB 13,918'; WO Pot

5-8-74 TD 14,100'; PB 13,918'; WO Pipeline Conn

LEA
PENROC OIL CORP.

Antelope Ridge
#1 Madera Com.
Sec 11, T24S, R34E

NM
Page #3

5-8-74 CAOF 1.44 MMCFGPD
5-20-74 TD 14,100'; PB 13,918'; COMPLETE
5-25-74 COMPLETION REPORTED
