

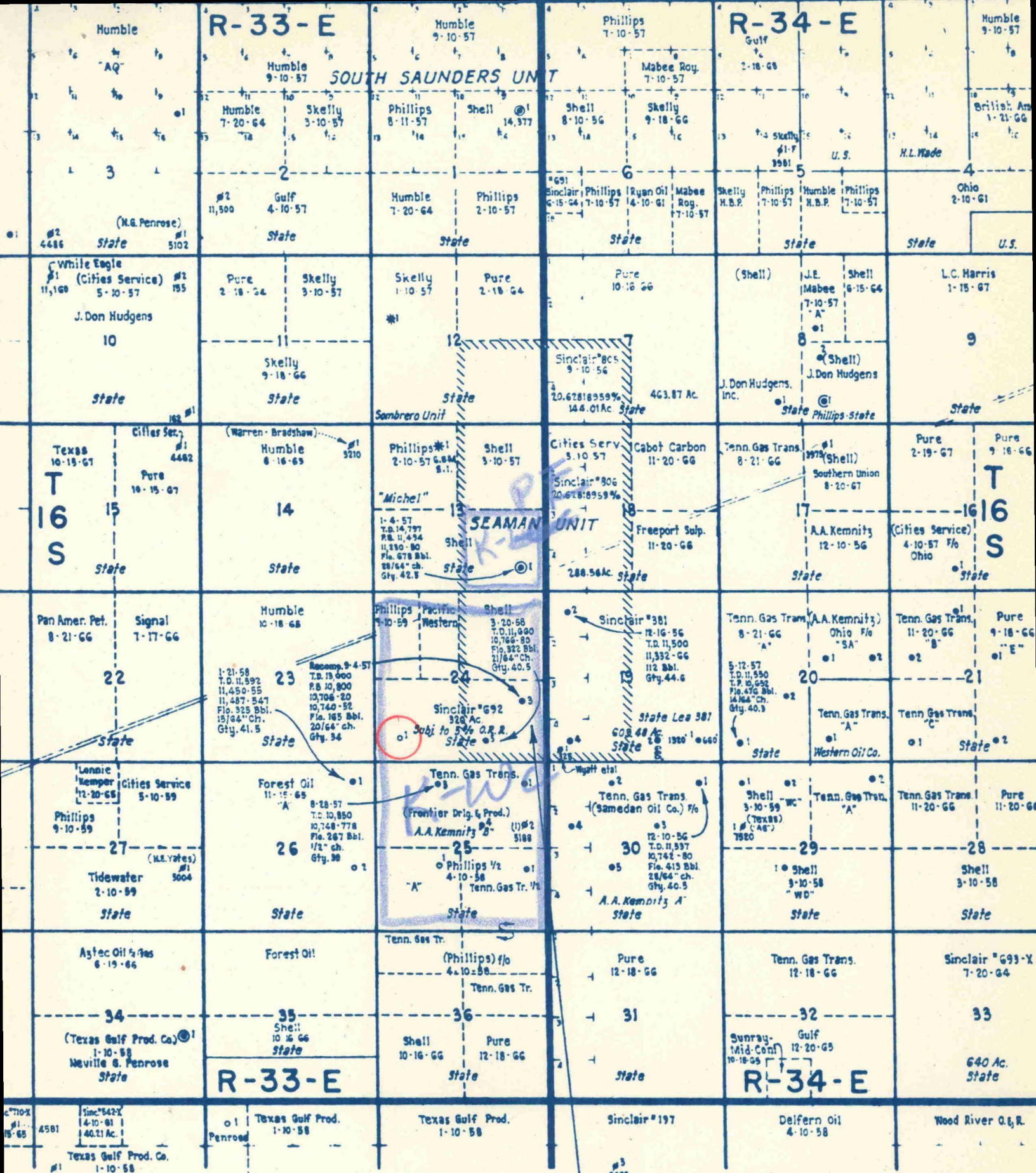


EXHIBIT "A"

PART OF
LEA CO. N.M.
 Scale: 1" = 4000'

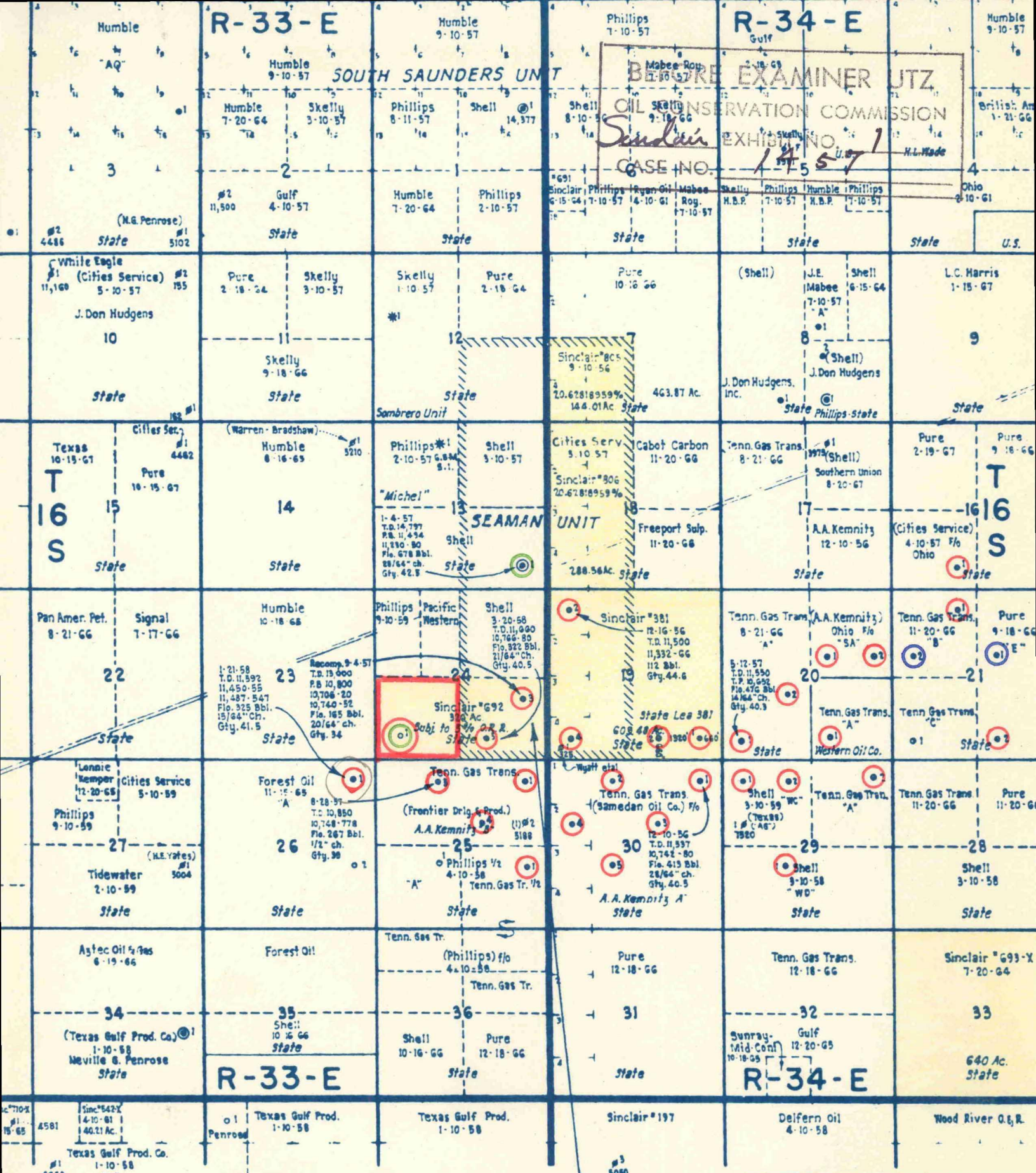
SEAMAN UNIT PARTICIPATION

Sinclair (Oper.)	95.39377813 %
Shell	37.79705003 %
Skelly	12.59906048 %
Cities Service	14.21011136 %

EXHIBIT "B"

LIST OF OFFSET OPERATORS AND ADDRESSES

Aztec Oil & Gas Company P. O. Box 847 Hobbs, New Mexico	J. E. Mabree Company P. O. Box 3149 Odessa, Texas	Skelly Oil Company P. O. Box 1650 Tulsa, Oklahoma Attn: Mr. G.W. Selinger
Cities Service Oil Co. Cities Service Building Bartlesville, Oklahoma Attn: Mr. J. A. Cleverley	Ohio Oil Company P. O. Box 552 Midland, Texas Attn: Mr. C. S. Mills	Skelly Oil Company P. O. Box 38 Hobbs, New Mexico Attn: Mr. J.N. Dunlavey
Cities Service Oil Co. P. O. Box 97 Hobbs, New Mexico Attn: Mr. D. D. Bodie	Pacific Western Oil Corp. P. O. Box 38 Hobbs, New Mexico	Stanolind Oil & Gas Co. P. O. Box 1410 Fort Worth, Texas
Forest Oil Corporation P. O. Box 1821 Midland, Texas	Phillips Petroleum Co. P. O. Box 791 Midland, Texas Attn: Mr. D. A. Miller	Stanolind Oil & Gas Co. P. O. Box 899 Roswell, New Mexico Attn: Mr. C. L. Kelley
Frontier Drig. & Prod. Co. 107 Wilkinson-Foster Bldg. Midland, Texas	Phillips Petroleum Co. Hobbs, New Mexico Attn: Mr. W. A. Roberts	Sunray Mid-Continent Oil Co. P. O. Box 2039 Tulsa, Oklahoma
Gulf Oil Corporation P. O. Box 1290 Fort Worth, Texas	Ryan Oil Company 218 Court Building Evansville, Indiana Attn: Mr. W. J. Gorman	Sunray Mid-Continent Oil Co. 201 Midland Natl Bank Bldg. Midland, Texas Attn: Mr. E. J. Pierce
Gulf Oil Corporation Drawer 962 Roswell, New Mexico Attn: Mr. M. I. Taylor	Samedan Oil Corporation P. O. Box 959 Ardmore, Oklahoma	Tennessee Gas Transmission Co. P. O. Box 1031 Midland, Texas Attn: Mr. Cecil Davidson
L. C. Harris Hinkle Building Roswell, New Mexico	Samedan Oil Corporation P. O. Box 2137 Hobbs, New Mexico Attn: Mr. G. W. Putnam	Texas Gulf Producing Co. P. O. Box 1764 Midland, Texas
Humble Oil & Refg. Co. P. O. Box 1600 Midland, Texas Attn: Mr. J.N. Graybeal	Shell Oil Company P. O. Box 1957 Hobbs, New Mexico Attn: Mr. W. E. Owen	Tidewater Associated Oil Co. P. O. Box 1231 Midland, Texas Attn: Mr. H. E. Wendt
A. A. Kemnitz Hobbs, New Mexico	Signal Oil & Gas Company 314 Central Building Midland, Texas	Tidewater Associated Oil Co. P. O. Box 547 Hobbs, New Mexico Attn: Mr. W. E. LaRoche
Lonnie Kemper 511 N. Missouri Avenue Roswell, New Mexico		



- Kemnitz Wolfcamp Pool
- Kemnitz Pennsylvanian Pool
- Kemnitz Cisco Pool

PART OF
LEA CO. N.M.
Scale: 1" = 4000'

SEAMAN UNIT PARTICIPATION

Sinclair (Oper.)	35.39377813 %
Shell	37.79705003 %
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Cities Service	14.21011136 %

SINCLAIR OIL & GAS COMPANY

PROPOSED FLOWING DUAL COMPLETION

KEMNITZ WOLFCAMP OIL AND KEMNITZ PENNSYLVANIAN OIL
STATE LEA 692 - NO. 1
LEA COUNTY, NEW MEXICO

TO PENNSYLVANIAN SEPARATOR
AND STOCK TANKS

TO WOLFCAMP SEPARATOR
AND STOCK TANKS

13-3/8" CASING AT 305 FT.

9-5/8" CASING AT 4535 FT.

Cement to 7300

2-3/8" EUE TUBING SET IN PACKER

2-3/8" HYDRIL "CS" TUBING TO 10,675 FT.

TOP CEMENT AT APPROX. 7300 FT.
(600 SACKS)

WOLFCAMP PERFORATIONS AT APPROX.
10,600 TO 10,750 FT.

BAKER MODEL "D" PACKER AT APPROX 11,250 FT.

PENNSYLVANIAN PERFORATIONS AT
APPROX. 11,375 TO 11,450 FT.

7" OD CASING SET AT T.D. (11,700 FT.)

BEFORE EXAMINER UTZ
OIL CONSERVATION COMMISSION
Sinclair EXHIBIT NO. 2
CASE NO. 1457

SINCLAIR OIL & GAS COMPANY
OIL - OIL DUAL HEARING
May 28, 1958

State Lea 692 Well No. 1

STATISTICAL DATA

Date Well Spudded

April 23, 1958

Location

660' FS & WL, Section 24-16S-33E

Casing Program

	<u>Size</u>	<u>Wt.</u>	<u>Interval, Ft.</u>	<u>I. D.</u>
Surface	13 3/8" OD	-----	0 - 305	-----
Intermediate	9 5/8" OD	-----	0 - 4535	-----
Production (Proposed)	7" OD	23# XL	0 - 3100	6.366
	7" OD	23# LTC	3100 - 6450	6.366
	7" OD	26# LTC	6450 - 8700	6.276
	7" OD	29# LTC	8700 - 11200	6.184
	7" OD	32# LTC	11200 - 11700	6.094

Tubing Program (Proposed)

	<u>Size & Type</u>	<u>I. D.</u>	<u>Joint O. D.</u>
Long String (Pennsylvanian)	2 3/8" EUE	1.995	3.063"
Short String (Wolfcamp)	2 3/8" "CS" Hydril	1.995	2.702"
		TOTAL - 5.765"	

ITEM

WOLF CAMP ZONE

PENNSYLVANIAN ZONE

Perforations (Proposed)

10600 - 10750'

11375 - 11450'

Gas-Oil Ratio

1400/1

1400/1

Gravity, °API

41.6 @ 60° ✓

39.3 @ 60°

Type Crude

Sweet

Sweet

Color Crude

Brown

Green

BS & W

0.2%

0.2%

Estimated BHP

2975 @ -6500

2850 @ -7325

Cost of Twin Wells

\$175,000

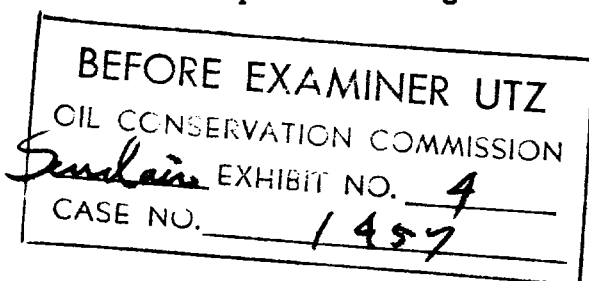
\$216,000 (5 1/2" OD)

Cost of Dual Completion

\$255,000 (7" OD)

Dual Completion Savings

\$136,000



Case No.

1457

Large Exhibits

SCHLUMBERGER WELL SURVEYING CORPORATION

REGISTERED TRADE



Well Surveying

COUNTY LEA FIELD or LOCATION KENNITZ WELL STATE A #1 COMPANY FOREST OIL CO.	COMPANY FOREST OIL CORP.	Other Surveys GR ML
	WELL STATE A #1	Location of Well 660' f N&E/L
	FIELD KENNITZ	Elevation: D.F.: 4184 K.B.: or G.L.:
	LOCATION SEC. 26-165-33E	
	COUNTY LEA	FILING No.
STATE NEW MEXICO		

RUN No.	1	2	3		
Date	11-7-57	12-25-57	1-4-58		
First Reading	4524	10813	11589		
Last Reading	345	4525	10813		
Feet Measured	4179	6288	776		
Csg. Schum.	345	4525			
Csg. Driller	342	4525	4525		
Depth Reached	4527	10816	11589		
Bottom Driller	4520	10812	11592		
Depth Datum	KB 12' Adv. GI	KB 12' Adv. GI			
Mud Mat.	Salt	Chem.	Chem.		
Dens. Visc.	10.8 34	9.2 46	10.1 48		
Mud Resist.	0.08 80"	3 62"	0.25 50"		
Res. BHT	0.4 100"	37 136"	42 138"		
Rmf	0.37 100"	33 136"	34 138"		
Rmc			35 138"		
pH					
Wtr. Loss	25 CC 30 min	10 CC 30 min	CC 30 min		
Bit Size	12 1/4"	7 7/8"	7 7/8"		
Specs. - AM	10" Normal	10" Normal			
AO	32" LS	32" LS			
AO	19" Lateral	19" Lat.			
Op. Rig Time	2 Hrs.	2 Hrs.	2 1/2 Hrs.		
Truck No.	1758 Hobbs	1760 Hobbs	1758 Hobbs		
Recorded By	Home	Wilson	Roush		
Witness	Rowman	Hall	Hall		

REMARKS: 25 - 430 - 100 - 400
LOG: sens. 300: TC: Speed 5000'/Hr.

THIS IS NOT A COMPLETE REPRODUCTION OF THE ORIGINAL LOG.

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Dallas 2, Texas

REFERENCE W7829A

16 COMPLETION RECORD

SPUD DATE	
COMP DATE	
DST RECORD	
SINCLAIR OIL & GAS CO.	
EXHIBIT 3	
CASING RECORD	
PERFORATING RECORD	
ACID FRAC SHOT	

BEFORE EXAMINATION
 OIL CONSERVATION
 SINCLAIR OIL & GAS CO.
 CASE NO. 1758