



WFX - 28-
New Mexico 30

TENNECO OIL COMPANY • P. O. BOX 1031 • 1800 WILCO BUILDING • MIDLAND, TEXAS 79701

March 13, 1968

New Mexico Oil Conservation Commission
Mr. A. L. Porter Jr., Secretary Director
P. O. Box 2088
Santa Fe, New Mexico

30 MAR 15 AM 3 27

Gentlemen:

Grayburg Jackson West Unit No. 55 and 57

Tenneco requests Administrative approval to expand its waterflood by converting Unit wells Nos. 55 and 57 to water injection service in the expanded Grayburg-Jackson West Co-op. Unit as originally formed by order No. R-3127 dated October 4, 1966 and expanded by order No. R-3127A which will become effective upon approval of the amendment to the Unit Agreement by all parties.

Well No. 55 is within the boundary of the original Unit. Well No. 57 was drilled and completed as the Sinclair State "A" No. 1-K in Section 16, T-17-S, R-29-E, just outside the original Unit boundary but will be known as Unit Well No. 57 in the expanded Unit boundary.

Fresh water purchased from Double Eagle Corporation will be injected into the San Andres and Upper Grayburg Sands at an estimated rate of 500 barrels per day. All injection intervals are within the vertical limits of the field as defined by the Conservation Committee field rules.

Previous Commission orders pertaining to water injection in the Grayburg-Jackson Co-op. Unit are as follows:

Order No. R-3069 Authorized water injection into Wells Nos. 3, 7, 9 and 15 in Section 28, T-17-S, R-29-E and provided for expansion of waterflood by Administrative approval.

Administrative Order WFX No. 245 Provided for conversion of Wells Nos. 1, 5, 11 and 19 to water injection service.

Administrative Order WFX No. 271 Provided for conversion of Wells Nos. 23, 29, 33, 37, 45 and 39 to water injection service.

TENNECO OIL COMPANY

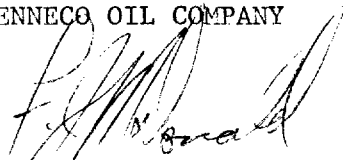
The following is attached:

1. A plat showing the outline of the original and the expanded boundary of the G-J West Co-op. Unit with the existing injection wells shown in red and the proposed injection wells of this application shown in blue.
2. Logs of Unit Wells Nos. 55 and 57 with completion intervals marked.
3. Diagrammatic sketches of the proposed injection wells showing all casing strings, amount of cement used, intervals to be injected into, tubing, type and location of packer, and other pertinent information.

We will appreciate your approval of this application as soon as possible.

Very truly yours,

TENNECO OIL COMPANY



F. J. McDonald
District Production Superintendent

WVP:lr

Attachments

cc: State Engineer Office
Capitol Building
Santa Fe, New Mexico

Boyd & Plemmons
P. O. Box 692
Artesia, New Mexico

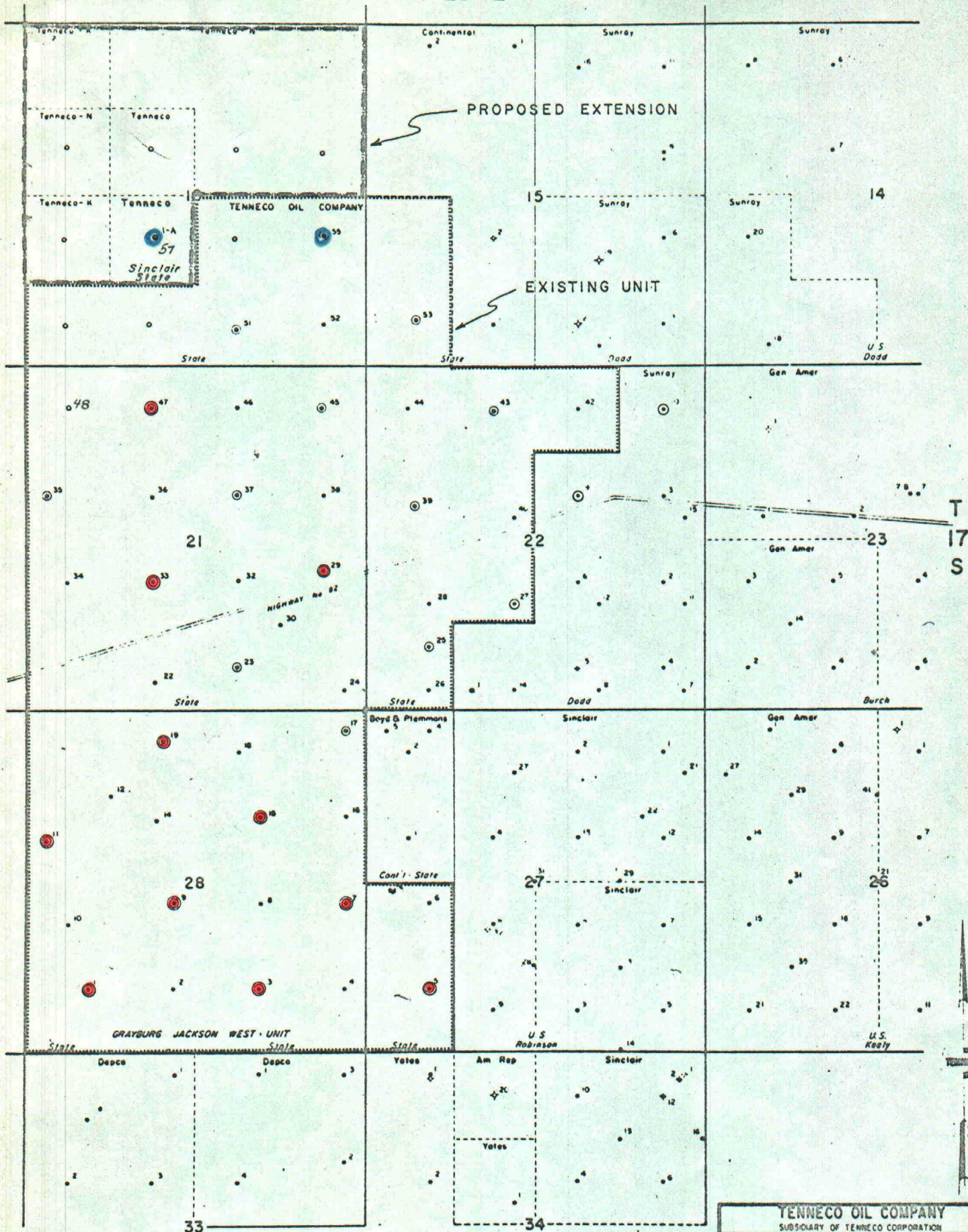
Continental Oil Company
P. O. Box 460
Hobbs, New Mexico

Depco
825 Petroleum Club Building
Denver, Colorado

Sinclair Oil & Gas Co.
P. O. Box 1470
Midland, Texas

Sunray DX Oil Company
P. O. Box 1416
Roswell, New Mexico

R-29-E

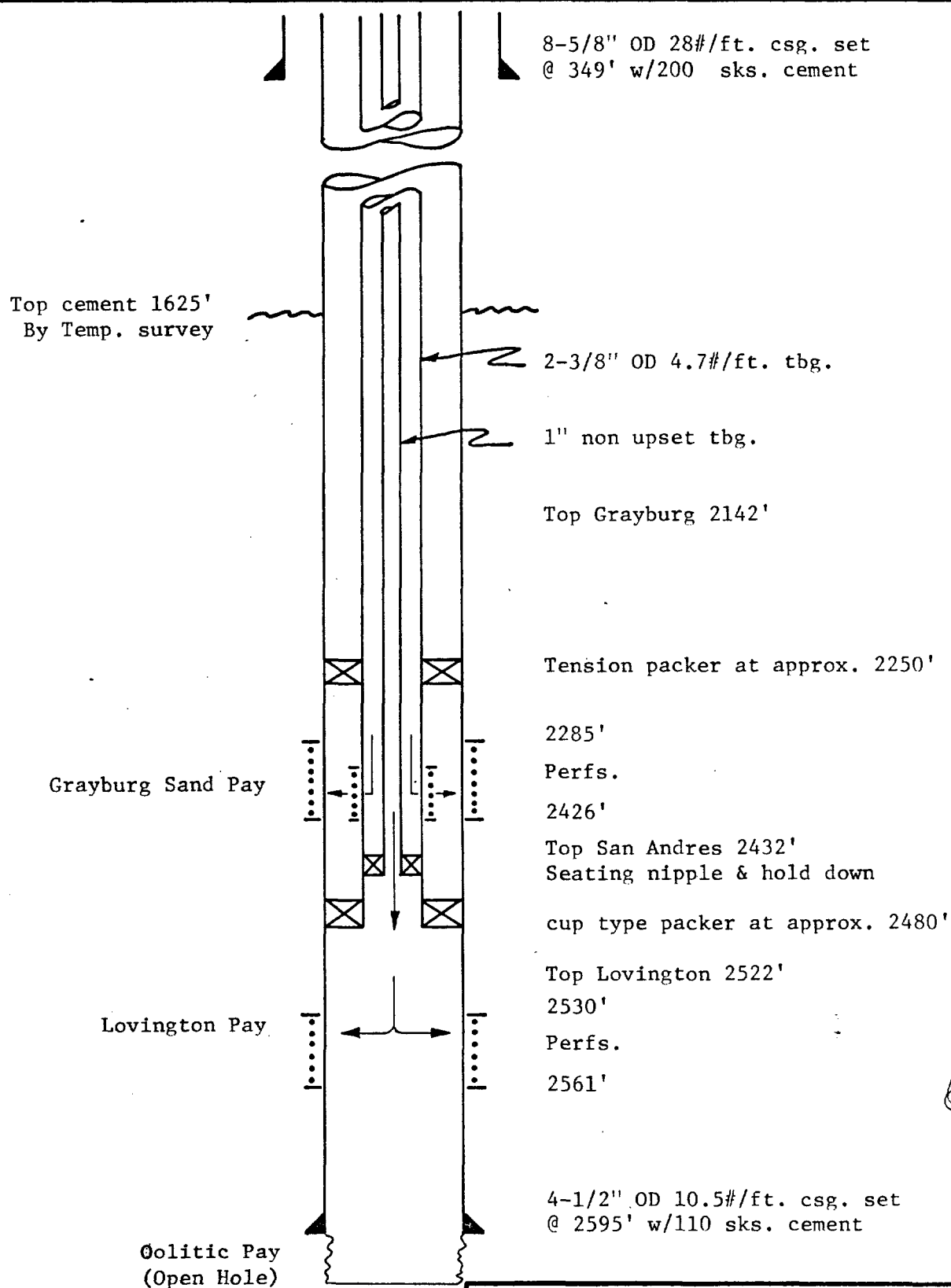


LEGEND

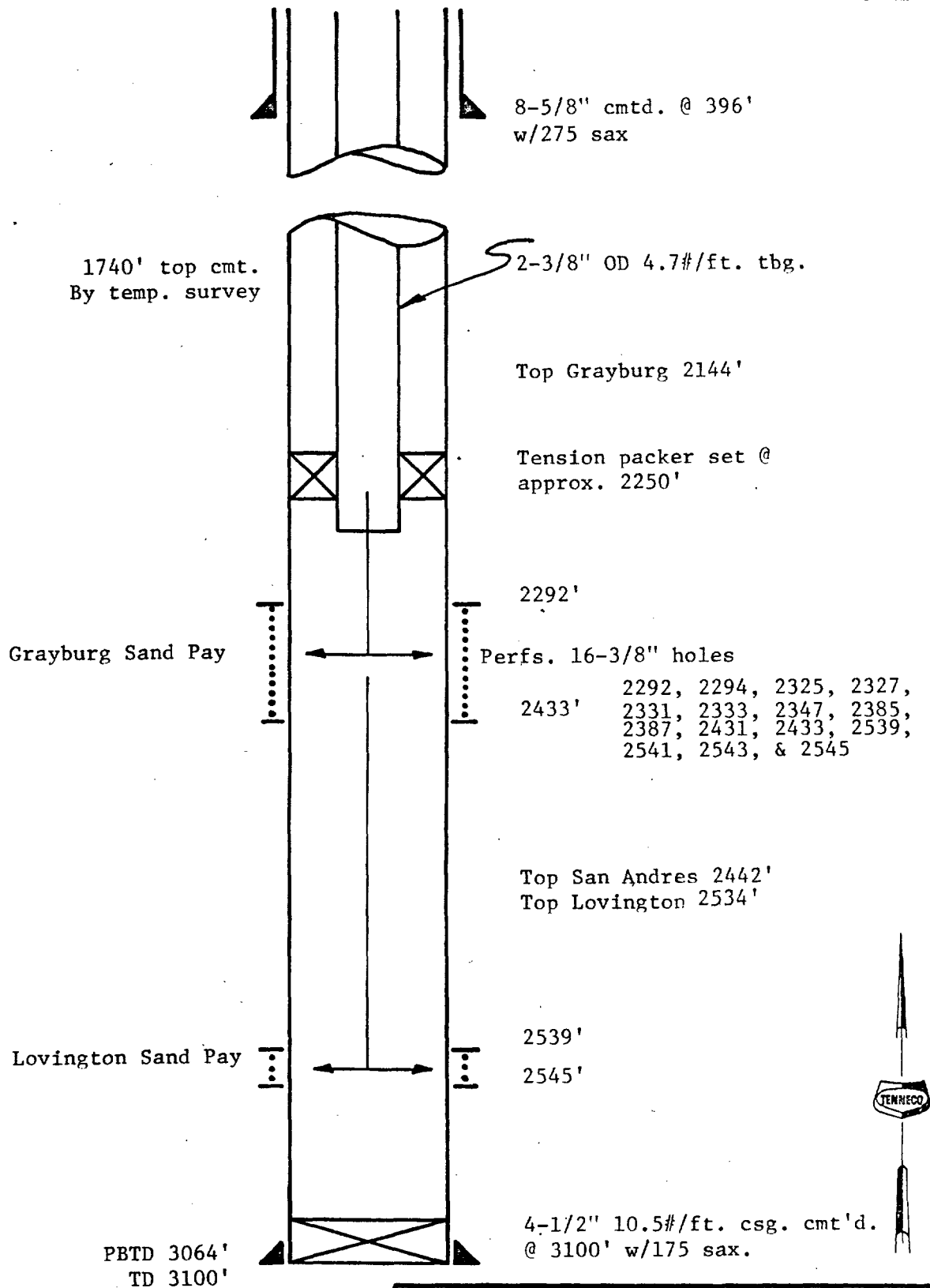
- INJECTION WELLS
- PROPOSED INJECTION WELLS
- PROPOSED LOCATION

TENNECO OIL COMPANY
SUBSIDIARY OF TENNECO CORPORATION
GRAYBURG JACKSON FIELD
EDDY COUNTY, NEW MEXICO

SCALE IN FEET
1000 500 0 1000 2000



TENNECO OIL COMPANY SUBSIDIARY OF TENNECO CORPORATION
PROPOSED INJECTION WELL NO. 55 GRAYBURG JACKSON WEST UNIT
Grayburg Jackson Field T-17-S, R-29-E Eddy County, New Mexico



TENNECO OIL COMPANY
SUBSIDIARY OF TENNECO CORPORATION

PROPOSED INJECTION WELL NO. 57
(FORMERLY SINCLAIR STATE A NO. 1-K)

Grayburg Jackson West Unit
Grayburg Jackson Field
T-17-S, R-29-E
Eddy County, New Mexico



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March 13, 1968

SFOCC
Jim Kaplin

No objection to this application
JFK

New Mexico Oil Conservation Commission
Mr. A. L. Porter Jr., Secretary Director
P. O. Box 2088
Santa Fe, New Mexico

MAIN OFFICE 000

Gentlemen:

'68 MAR 21 PM 1 17

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MAIN OFFICE 000

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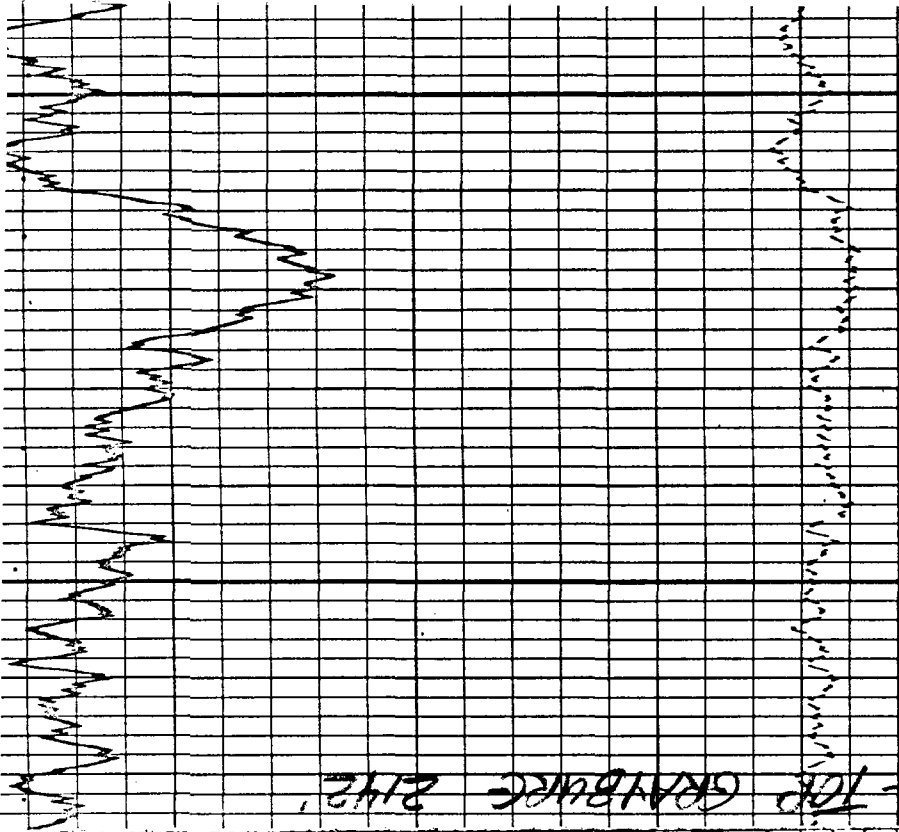
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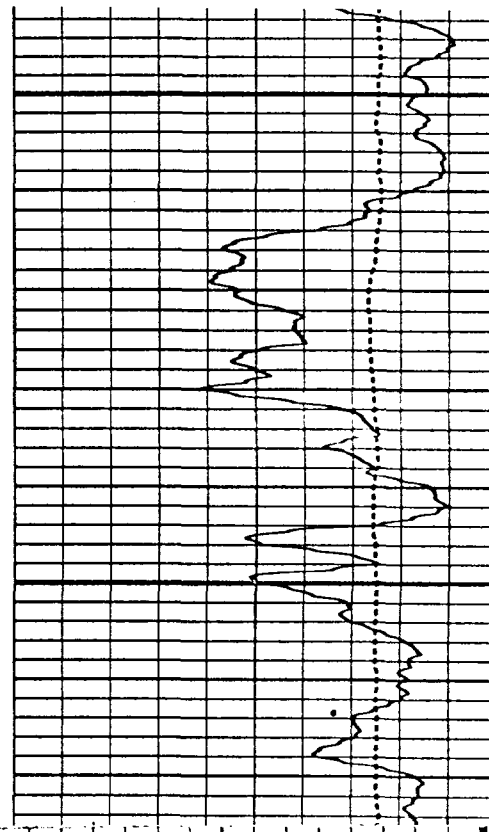
Density Log

Gamma
Gamma

FILE NO.	COMPANY <u>TENNECO OIL COMPANY</u>			
	WELL <u>(STATE "K" NO. 16) G-J UNIT No 55</u>			
	FIELD <u>GRAYBURG JACKSON</u>			
	COUNTY <u>EDDY</u>	STATE <u>NEW MEXICO</u>		
	LOCATION: <u>1980' FSL & 660' FEL</u>			
	SEC <u>16</u>	TWP <u>17-S</u>	RGE <u>29-E</u>	
	Permanent Datum <u>GROUND LEVEL</u> Elev. <u>3568.0</u> Log Measured from <u>KELLY BUSHING, 9.0 Ft. Above Permanent Datum</u> Drilling Measured from <u>KELLY BUSHING</u>			
				Elevations: KB <u>3568.0</u> DF <u>3567.0</u> GL <u>3559.0</u>
Date	<u>7-2-66</u>			
Run No.	<u>ONE</u>			
Type Log	<u>OGG/D</u>			
Depth-Driller	<u>2770</u>			
Depth-Logger	<u>2770</u>			
Bottom Logged Interval	<u>2768</u>			
Top Logged Interval	<u>349</u>			
Type Fluid in Hole	<u>BRINE WATER</u>			
Salinity Ppm Cl.	<u>*</u>			
Density Lb./Gal.	<u>*</u>			
Level	<u>FULL</u>			
Max. Rec. Temp. Deg. F	<u>94°</u>			
Opr. Rig Time	<u>4.5 HOURS</u>			
Recorded By	<u>B. BLAIR W.W.</u>			
Witnessed By	<u>MR. EATON</u>			

[illegible]

2200



LAURENCE WHEELER (D. P. WHEELER)

FILE NO. _____

COMPANY TENNECO OIL COMPANY

WELL SINCLAIR "A" STATE NO. 1 (UNIT No 57)

FIELD GRAYBURG JACKSON

COUNTY EDDY STATE NEW MEXICO

LOCATION: 1980' FSL & 1980' FWL Other Services F/L

SEC. 16 TWP 17-S RGE 29-E

Permanent Datum GROUND LEVEL Elev. 3576 Elevations: KB 3587

Log Measured from K. B., 11 Ft. Above Permanent Datum DF 3586

Drilling Measured from K. B. GL 3576

Date	1-1-68
Run No.	ONE
Type Log	DENS LOG
Depth-Driller	3100
Depth-Logger	3107
Bottom Logged Interval	3106
Top Logged Interval	50
Type Fluid in Hole	SALT BRINE
Salinity Ppm Cl.	SATURATED
Density lb./Gal.	
Level	FULL
Max. Rec. Temp. Deg. F	91
Opr. Rig Time	2 HOURS
Recorded By	ELMORE
Witnessed By	MR. FATON

Bore Hole Record			Casing Record		
Run No.	Bit	From	To	Size	Wgt. From To
1				8 5/8"	
1	6 3/4"	385	T.D.		SURE 385

