

CENARD OIL & GAS CO.

400 EXPRESSWAY TOWER 3

DALLAS 75206

December 2, 1968

NAFCO OIL AND GAS, INC.

MURPHY OIL COMPANY OF OKLAHOMA, INC.

New Mexico Oil Conservation Commission
P. O. Box 1980
Hobbs, New Mexico

Attention: Mr. Joe D. Ramey

RE: Cenard Oil & Gas Co.
State T.B. Well No. 2
Townsend Field
Lea County, New Mexico

Gentlemen:

Enclosed please find the completed Form C-108 (Application to Dispose of Salt Water by Injection into a Porous Formation) for the above captioned lease.

Yours truly,

CENARD OIL & GAS CO.



N. R. Brown
Production Superintendent

NRB:jb

Encl.

CC - Mr. D. S. Nutter
State Land Office Bldg.
College Avenue
Santa Fe, New Mexico

Mr. R. E. Hilburn
West Star Route
Lovington, New Mexico

Mobil Oil Corp.
P. O. Box 1800
Hobbs, New Mexico
Attn: Mr. A. J. Monzingo

M. A. Machris
11681 San Vicente Blvd.
Los Angeles 49, Calif.

J. R. Cone
P. O. Box 871
Lubbock, Texas

C. B. Read
P. O. Box ~~871~~ 2126
Roswell, New Mexico 88021

Southern Petroleum Exploration
905 Oil & Gas Bldg.
Wichita Falls, Texas

CENARD OIL & GAS CO.

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Mr. R. E. Hilburn
West Star Route
Lovington, New Mexico 88260

Mr. J. R. Cone
P. O. Box 871
Lubbock, Texas 79401

Southern Petroleum Exploration Co.
905 Oil & Gas Building
Wichita Falls, Texas 76301

Mr. M. A. Machris
11681 San Vicente Blvd.
Los Angeles, California 90049

Mr. C. B. Read
P. O. Box 2126
Roswell, New Mexico 88201

Mobil Oil Corporation
P. O. Box 1800
Hobbs, New Mexico 88240

Re: Cenard Oil & Gas Co.
State TB - Well No. 2
Townsend Field
Lea County, New Mexico

Gentlemen:

In order to comply with the New Mexico Oil Conservation Commission's "No Pit" order, we propose to recomplete the above captioned plugged and abandoned well as a salt water disposal well in the Glorieta formation. Pursuant to the Commission's rules and regulations, we hereby notify you of our intentions. Under these rules and regulations you have 15 days to protest this application.

If you have any questions pertaining to this application, feel free to write or call the undersigned.

Yours truly,

CENARD OIL & GAS CO.



N. R. Brown
Production Superintendent

NRB:ms

NEW MEXICO OIL CONSERVATION COMMISSION
APPLICATION TO DISPOSE OF SALT WATER BY INJECTION INTO A POROUS FORMATION

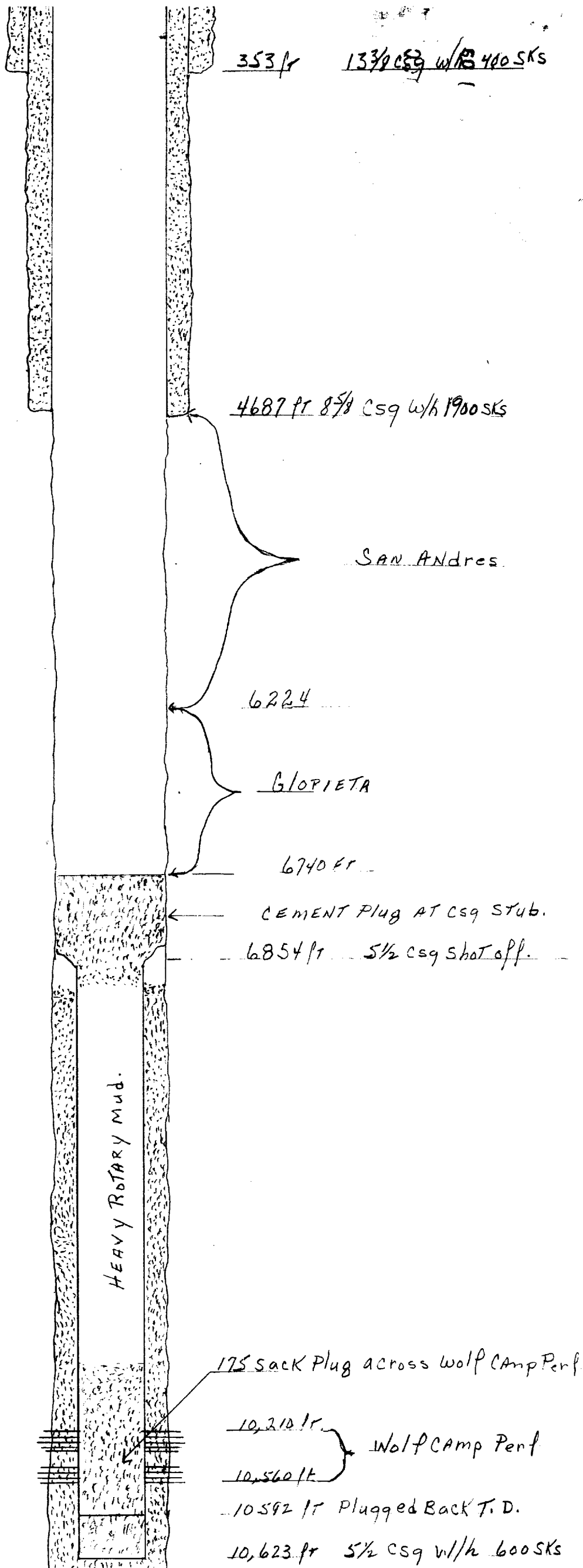
OPERATOR Cenard Oil & Gas Co.		ADDRESS Dallas, Texas P. O. Box 446	
LEASE NAME State T. B.	WELL NO. 2	FIELD Townsend Wolfcamp	COUNTY Lea
LOCATION UNIT LETTER S ; WELL IS LOCATED 1980 FEET FROM THE South LINE AND 1980 FEET FROM THE West LINE, SECTION 2 TOWNSHIP 16 S RANGE 35E NMPM.			
CASING AND TUBING DATA			
NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT
SURFACE CASING	13-3/8	353	400
INTERMEDIATE	8-5/8	4687	1900
LONG STRING	-	-	-
TUBING	-	-	NAME, MODEL AND DEPTH OF TUBING PACKER None
NAME OF PROPOSED INJECTION FORMATION Gloretia		TOP OF FORMATION 6224	BOTTOM OF FORMATION 6740
IS INJECTION THROUGH TUBING, CASING, OR ANNULUS? casing		PERFORATIONS OR OPEN HOLE? open hole	PROPOSED INTERVAL(S) OF INJECTION 6224 - 6740
IS THIS A NEW WELL DRILLED FOR DISPOSAL? No	IF ANSWER IS NO, FOR WHAT PURPOSE WAS WELL ORIGINALLY DRILLED? oil well		HAS WELL EVER BEEN PERFORMED IN ANY ZONE OTHER THAN THE PROPOSED INJECTION ZONE? yes
LIST ALL SUCH PERFORATED INTERVALS AND SACKS OF CEMENT USED TO SEAL OFF OR SQUEEZE EACH 10,210 to 10,560 - 175 sacks across perforation/Cement plug from 6854 to 6740			
DEPTH OF BOTTOM OF DEEPEST FRESH WATER ZONE IN THIS AREA		DEPTH OF BOTTOM OF NEXT HIGHER OIL OR GAS ZONE IN THIS AREA 10,210	DEPTH OF TOP OF NEXT LOWER OIL OR GAS ZONE IN THIS AREA 10,560
ANTICIPATED DAILY INJECTION VOLUME (BBLs.) 25 Bbl.	MINIMUM 35 Bbl.	MAXIMUM Closed	OPEN OR CLOSED TYPE SYSTEM Gravity
ANSWER YES OR NO WHETHER THE FOLLOWING WATERS ARE MINERALIZED TO SUCH A DEGREE AS TO BE UNFIT FOR DOMESTIC, STOCK, IRRIGATION, OR OTHER GENERAL USE - Yes		WATER TO BE DISPOSED OF Salt Water	NATURAL WATER IN DISPOSAL ZONE Salt Water
NAME AND ADDRESS OF SURFACE OWNER (OR LESSEE, IF STATE OR FEDERAL LAND) R.E. Hilburn, West Star Route, Lovington, New Mexico		APPROX. PRESSURE (PSI) 0 - psi	
LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF (1/2) MILE OF THIS INJECTION WELL			
Mobil Oil Corp., Hobbs, New Mexico, P. O. Box 1800 Attn: Mr. A.J. Monzingo			
M. A. Machris, 11681 San Vicente Blvd., Los Angeles 49, Calif.			
J. R. Cone, P. O. Box 871, Lubbock, Texas			
C. B. Read, P. O. Box 2826, Roswell, New Mexico 88021			
Southern Petroleum Exploration, Inc., 905 Oil & Gas Bldg., Wichita Falls, Texas			
HAVE COPIES OF THIS APPLICATION BEEN SENT TO EACH OF THE FOLLOWING?	SURFACE OWNER lessee Yes	EACH OPERATOR WITHIN ONE-HALF MILE OF THIS WELL Yes	THE NEW MEXICO STATE ENGINEER Yes
ARE THE FOLLOWING ITEMS ATTACHED TO THIS APPLICATION (SEE RULE 701-B)	PLAT OF AREA Yes	ELECTRICAL LOG Yes	DIAGRAMMATIC SKETCH OF WELL Yes

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

(Signature) **N.R. Brown**Prod. Supt.
(Title)**12/2/68**

(Date)

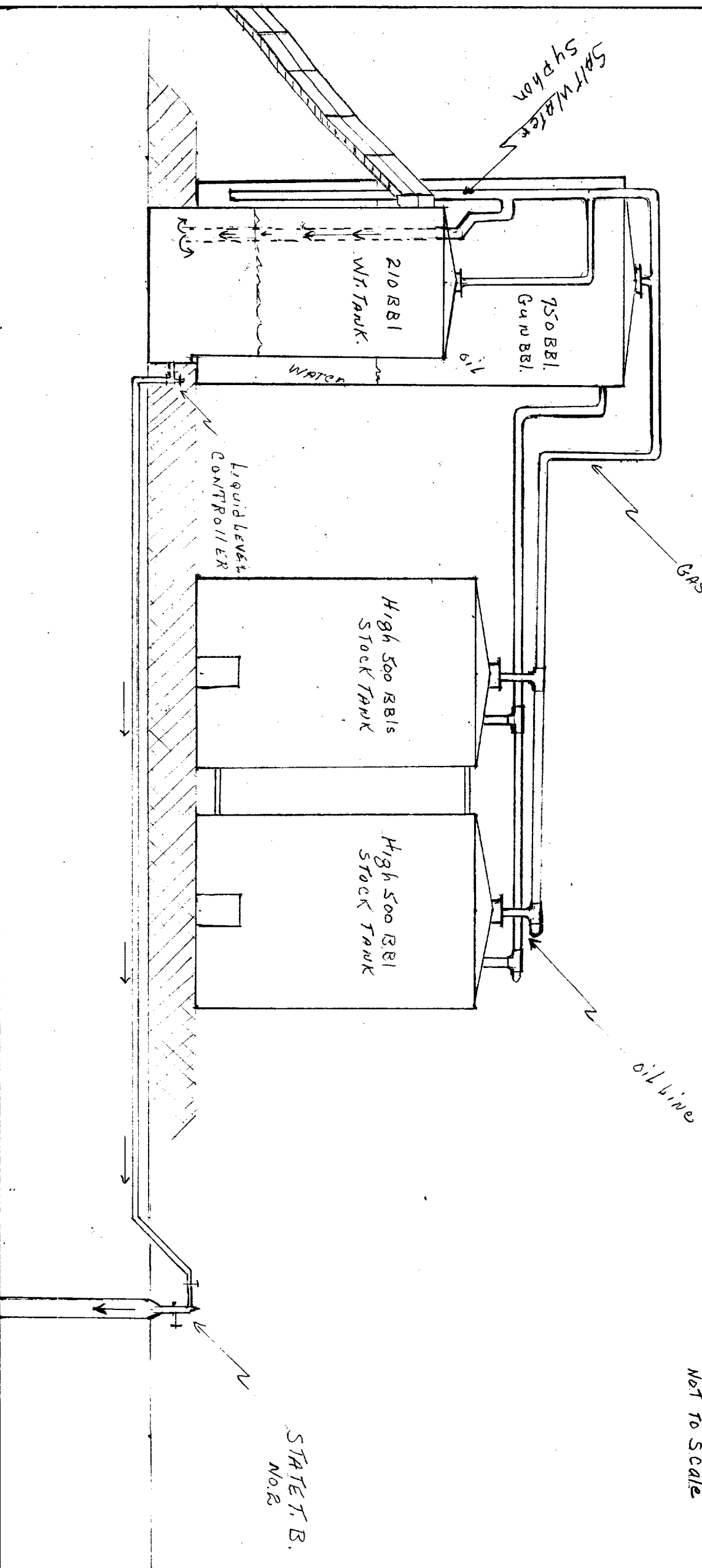
NOTE: Should waivers from the State Engineer, the surface owner, and all operators within one-half mile of the proposed injection well, not accompany this application, the New Mexico Oil Conservation Commission will hold the application for a period of 15 days from the date of receipt by the Commission's Santa Fe office. If at the end of the 15-day waiting period no protest has been received by the Santa Fe office, the application will be processed. If a protest is received, the application will be set for hearing, if the applicant so requests. SEE RULE 701.



DIAGRAMMATIC
 SKETCH
 OF
 STATE T.B. NO. 2
 SALT WATER
 DISPOSAL well
 sec. 2. TWP. 16S R9E35E
 LEA COUNTY New, Mex.

CENARD OIL & GAS CO.
STATE T.B. & TD LEASES

SCHEMATIC DRAWING
OF
TANK BATTERY AND
SALT DISPOSAL SYSTEM
NOT TO SCALE



LARGE FORMAT
EXHIBIT HAS
BEEN REMOVED
AND IS LOCATED
IN THE NEXT FILE



OIL WELL CEMENTING CO.

ELECTRIC WELL LOG

COMPANY SHELL OIL COMPANY	FILE	COMPANY SHELL OIL COMPANY	Location
	STATE T.B. # 2	FILE	1980' from S & W
	Townsend	WELL STATE T.B. # 2	Sec 2
	Lea	FIELD Townsend	Twp 16-S
	State N. Mexico	COUNTY Lea STATE N. Mexico	Rge 35-E
SEC. 2 TWP. 16-S RGE. 35-E			ES (Con-Guard)
SURVEY			Elevation: D.F. 4000
			K.B. 4001
			Grd. 3989
Log Measured From Top drive bushing			Elevation 4001'
Drilling Measured From Top drive bushing			Elevation 4001'
Permanent Datum Ground level			Elevation 3989'

Run No.	ONE			
Date	6-19-55			
Footage Logged	5935'			
Total Depth, El. Log	10,623'			
Total Depth, Driller	10,625'			
Total Depth, Reached	10,626'			
Csg. Shoe, El. Log	4688'			
Csg. Shoe, Driller	4687'			
Csg. Size	8 5/8"			
Bit Size	7 7/8"			
Mud-Kind	Water base			
Treatment	Caustic			
	Gel Quebracho			
	Driscose			
Weight	8.6			
Viscosity	40			
ph	@ °F	@ °F	@ °F	@ °F
Loss ml/ min	@ °F	@ °F	@ °F	@ °F
Res Ohms m ² /m	1.16 @ 98°F	@ °F	@ °F	@ °F
Mud Res @ M.H.T.	.88 @ 130°F	@ °F	@ °F	@ °F
Max. Temp.	130°F	@ °F	@ °F	@ °F
Source Mud Sample	Pit			