

APPLICATION TO DISPOSE OF SALT WATER BY INJECTION INTO A POROUS FORMATION

OPERATOR The Maurice L. Brown Company		ADDRESS Wichita, Kansas 67202 Suite 200/ Sutton Place Bldg.	
LEASE NAME State BD	WELL NO. 1	FIELD Undesignated	COUNTY Lea
LOCATION UNIT LETTER <u>I</u> ; WELL IS LOCATED <u>660</u> FEET FROM THE <u>South</u> LINE AND <u>1980</u> FEET FROM THE <u>West</u> LINE, SECTION <u>34</u> TOWNSHIP <u>T-13-S</u> RANGE <u>R-32-E</u> NMPM.			

CASING AND TUBING DATA

NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
SURFACE CASING	13 3/8"	380'	400	Surface	---
INTERMEDIATE	9 5/8"	3214'	2100	Surface	
LONG STRING	5 1/2"	12,831	1700	Est. 3700'	Temp. Survey
TUBING	2 7/8"	12,000	NAME, MODEL AND DEPTH OF TUBING PACKER Guiberson KV (nickle plated) at 12,000'		

NAME OF PROPOSED INJECTION FORMATION Devonian		TOP OF FORMATION 12,325'	BOTTOM OF FORMATION Unknown
IS INJECTION THROUGH TUBING, CASING, OR ANNULUS? Tubing		PERFORATIONS OR OPEN HOLES? Perforations	PROPOSED INTERVAL(S) OF INJECTION Porosity between 12,325'-12,800'
IS THIS A NEW WELL DRILLED FOR DISPOSAL? No	IF ANSWER IS NO, FOR WHAT PURPOSE WAS WELL ORIGINALLY DRILLED? Wildcat test of Devonian		HAS WELL EVER BEEN PERFORATED IN ANY ZONE OTHER THAN THE PROPOSED INJECTION ZONE? No

DEPTH OF BOTTOM OF DEEPEST FRESH WATER ZONE IN THIS AREA 380'		DEPTH OF BOTTOM OF NEXT HIGHER OIL OR GAS ZONE IN THIS AREA Bough "C" 9355 (From DST)		DEPTH OF TOP OF NEXT LOWER OIL OR GAS ZONE IN THIS AREA None	
ANTICIPATED DAILY INJECTION VOLUME (BBLs.) 1000	MINIMUM 500	MAXIMUM 2000	OPEN OR CLOSED TYPE SYSTEM Closed	IS INJECTION TO BE BY GRAVITY OR PRESSURE? Gravity	APPROX. PRESSURE (PSI) Zero
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 Yes	NATURAL WATER IN DISPOSAL ZONE Yes	ARE WATER ANALYSES ATTACHED? NO

NAME AND ADDRESS OF SURFACE OWNER (OR LESSEE, IF STATE OR FEDERAL LAND) State land leased to: Charles L. & Stanley Good; Box 36, Elida, New Mexico 88116
LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF (1/2) MILE OF THIS INJECTION WELL None

RECEIVED

JUL 23 1980

OIL CONSERVATION DIVISION
SANTA FE

HAVE COPIES OF THIS APPLICATION BEEN SENT TO EACH OF THE FOLLOWING?	SURFACE OWNER Yes	EACH OPERATOR WITHIN ONE-HALF MILE OF THIS WELL 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

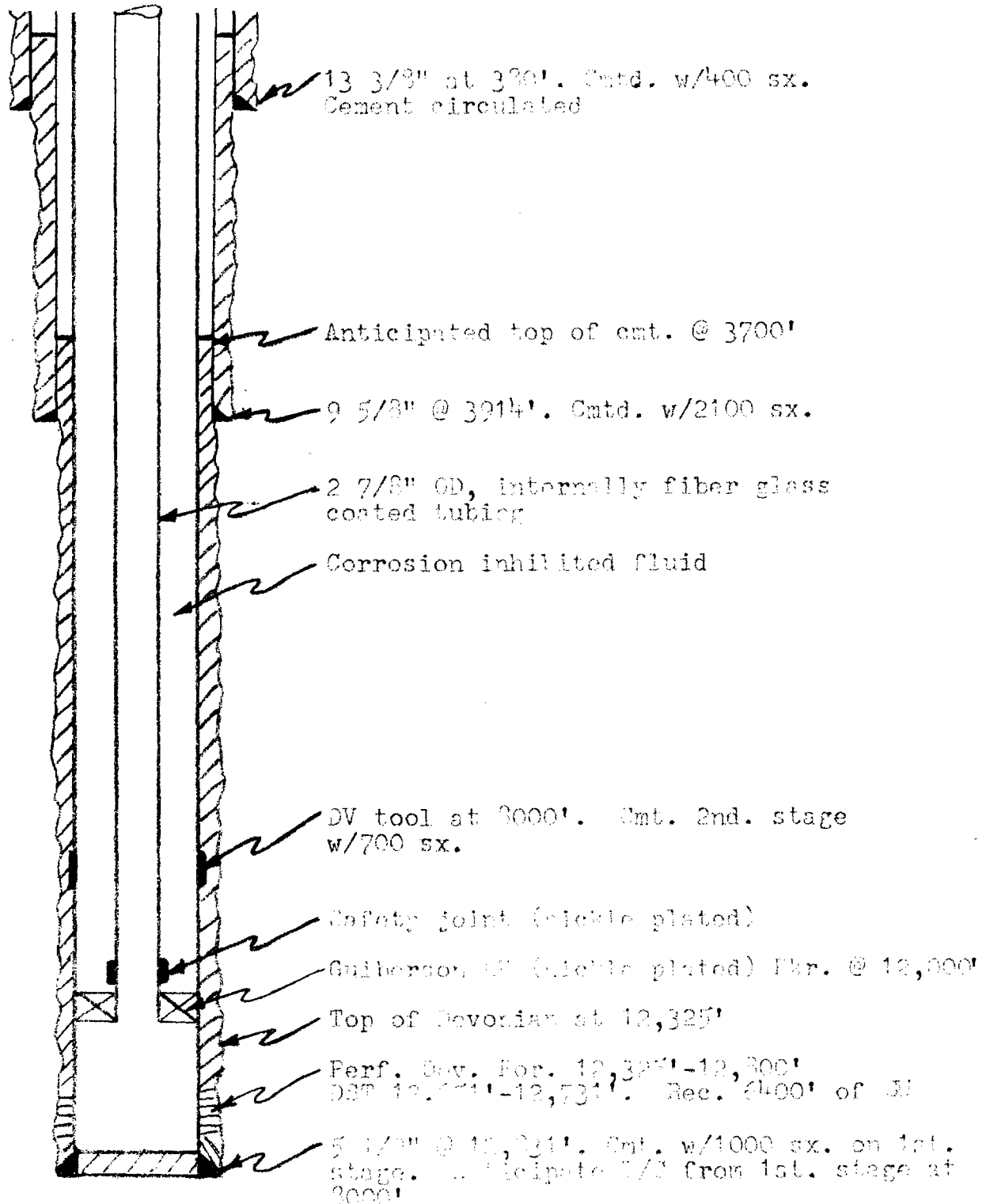
I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Wm. Groesbeck District Engineer 7-17-80
(Signature) (Title) (Date)

NOTE: Should waters from the surface owner and all operators within one-half mile of the proposed injection well not accompany this application, the New Mexico Oil Conservation Division will hold the application for a period of 15 days from the date of receipt by the Division'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.

The Maurice L. Brown Co.
 Proposed Reentry & Conversion to GHD
 New Mexico State ED No. 1

Loc: UL "H", 1930' T-13 & 660' T-13, Sec. 34, T-13-S, R-32-E
 Lee County, New Mexico



Humble Oil & Refining Company

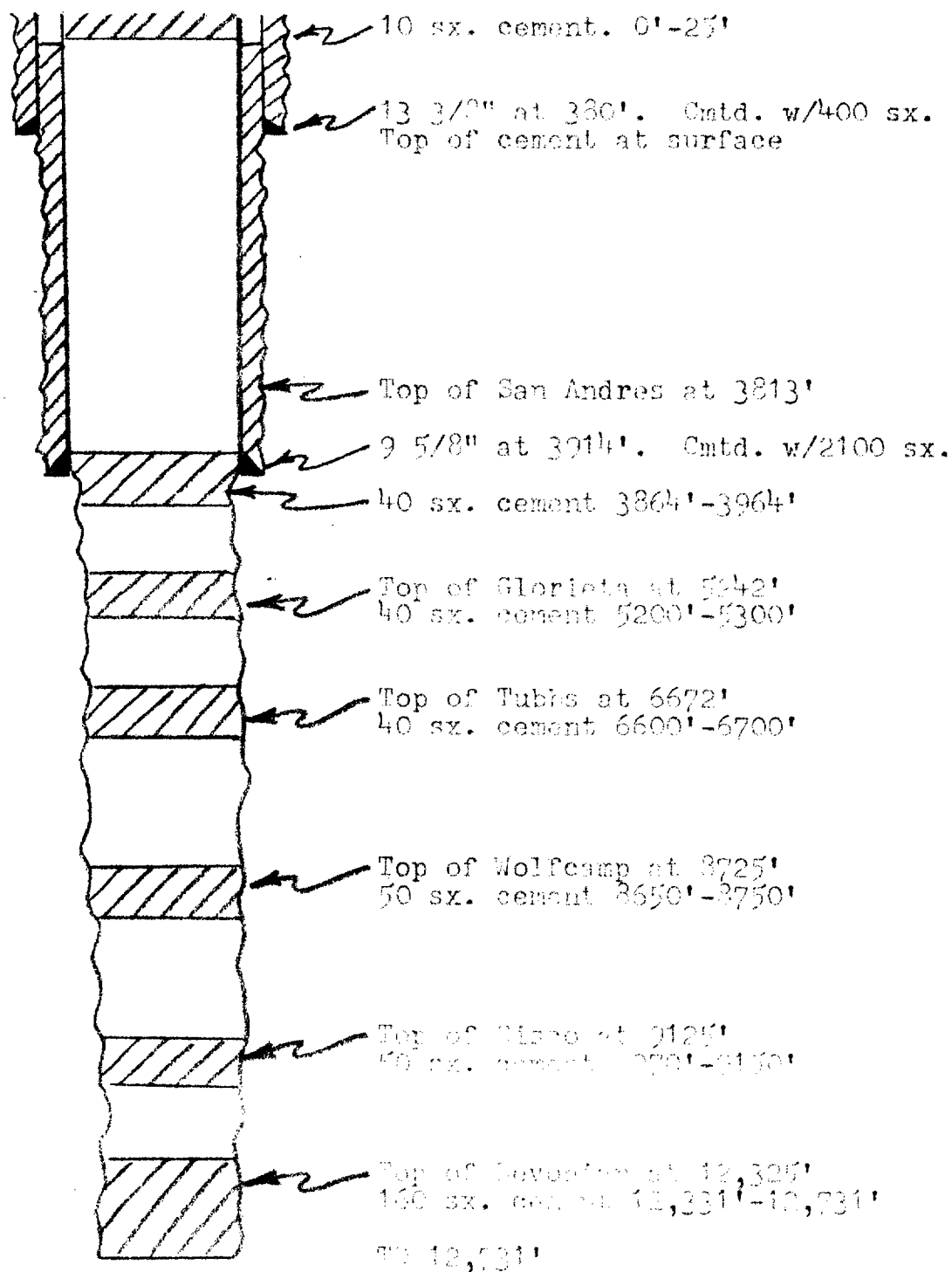
New Mexico State BD No. 1

Loc: WL "W", 1230' FWL & 660' FSL, Sec. 34, T-13-S, R-32E

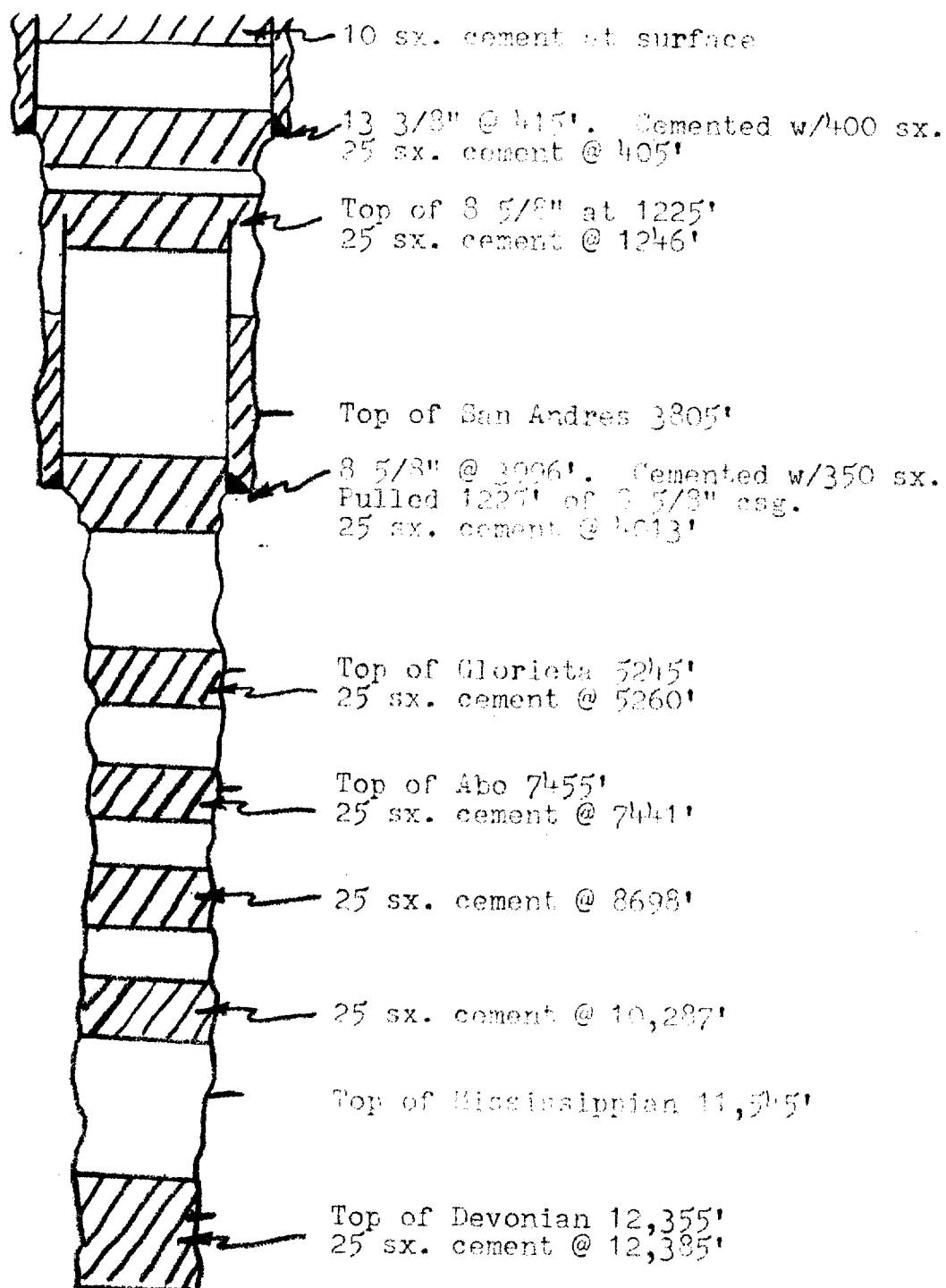
Lea County, New Mexico

Spudded: 1-13-60

D & A: 5-4-60

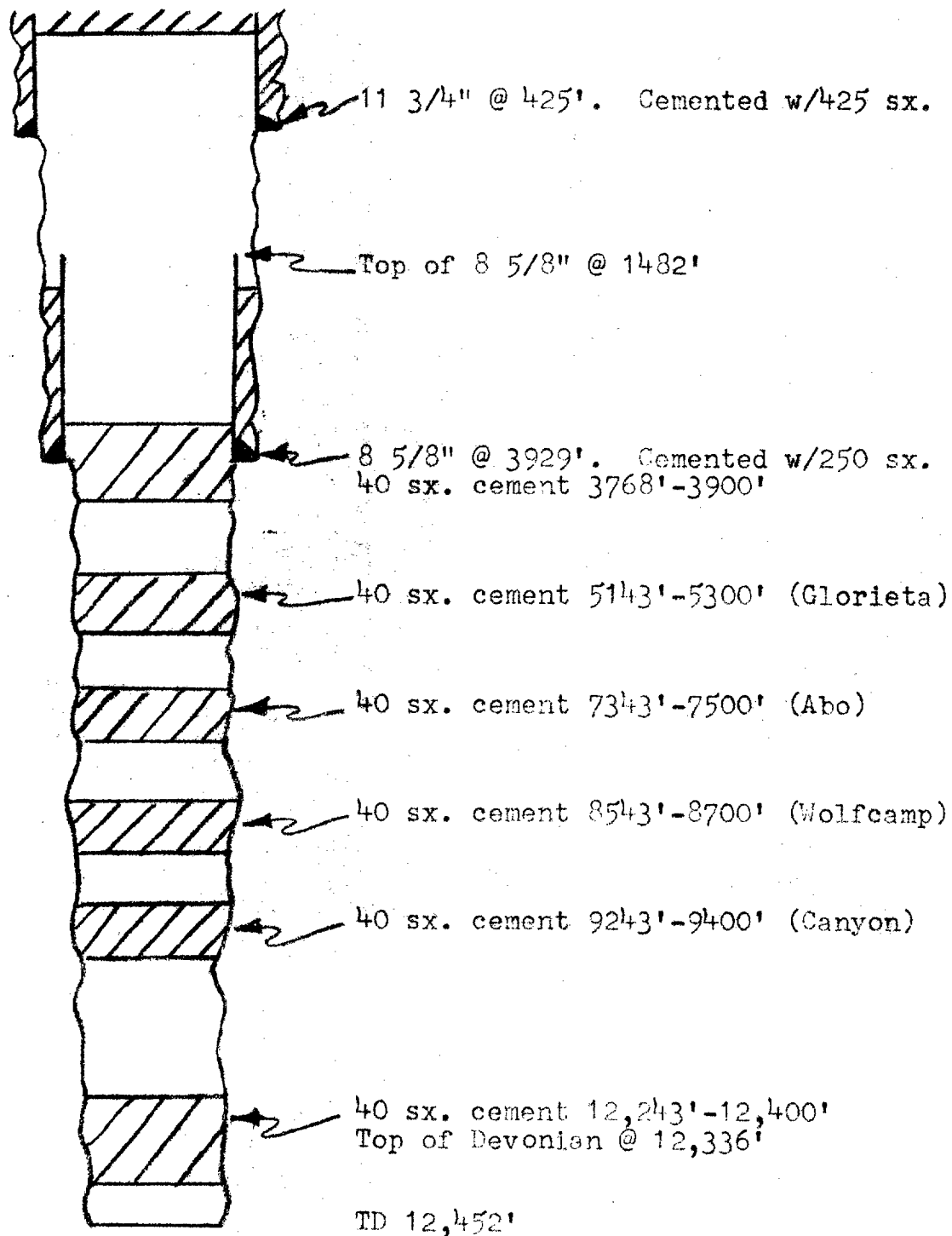


Cactus Drilling Corp. of Texas
 Gross State "A" No. 1
 Loc: 1280' FNL & 1650' FNL, Sec. 34, T-13-S, R-32-E
 Lea County, New Mexico
 Spudded: 8-26-63; Reached TD: 11-3-63; P&A 6-5-69

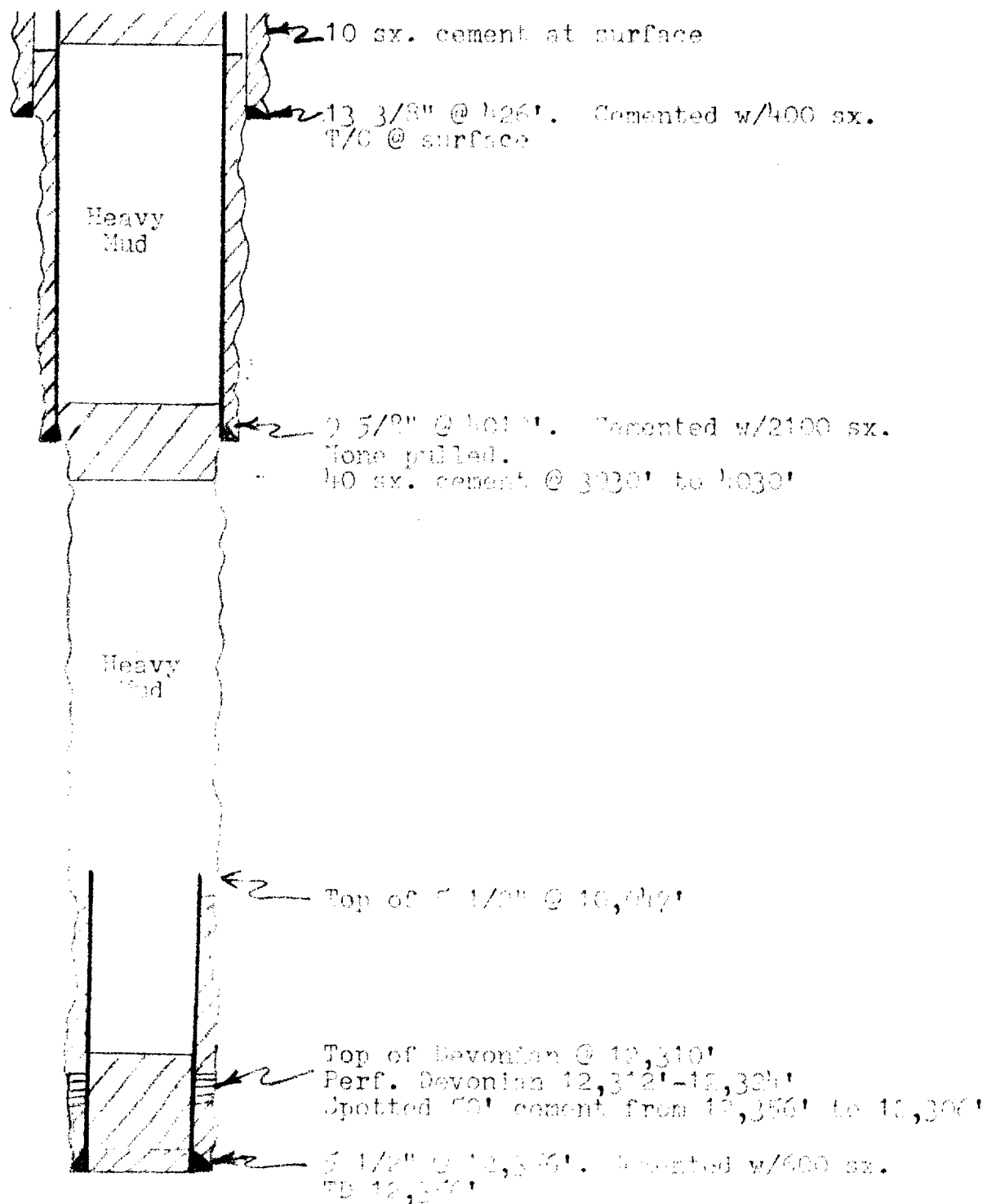


TD 12,385'

Harding Oil Company
State "34" No. 1
Loc: 2310' FSL and 1650' FWL, Sec. 34, T-13-S, R-32-E
Lea County, New Mexico



United States Smelting, Refining and Mining Company
 Superior State No. 1
 Loc: 2310' FWL and 2310' FWL, Sec. 34, T-13-S, R-32-E
 Lea County, New Mexico



THE MAURICE L. BROWN COMPANY

July 17, 1980


Enserch Exploration, Inc.
Suite 100, C & K Petroleum Bldg.
Box 4815
Midland, Texas 79701

Gentlemen:

The Maurice L. Brown Company recently acquired a mineral lease to the southwest quarter of Section 34, T-13-S, R-32-E of Lea County, New Mexico. It is our desire to re-enter the Humble Oil and Refining Company's State "BD" Well No. 1, located 660' FSL and 1980' FWL of this tract, for purpose of making a salt water disposal well into the Devonian formation.

As required by the New Mexico Oil Conservation Division of the Energy and Minerals Department, a copy of our application is attached for your inspection. Should you desire further discussion or explanation, please contact me.

Yours truly,


W.M. Groesbeck
District Engineer
The Maurice L. Brown Co.
P.O. Box 957
Crossroads, New Mexico
Phone 505/675-2478

WMG/ts
1 Attachment

THE MAURICE L. BROWN COMPANY

July 17, 1980

G.D. Williamson
P.O. Box 2206
Roswell, New Mexico 88201

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WNG/ts
1 Attachment

THE MAURICE L. BROWN COMPANY

July 17, 1980

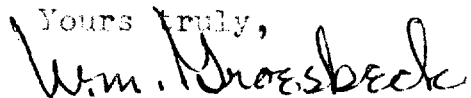
Southern Union Supply Company
First International Bldg.
Suite 1800
Dallas, Texas 75270

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Yours truly,



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District Engineer
The Maurice L. Brown Co.
P.O. Box 957
Crossroads, New Mexico
Phone 505/675-2478

JMG/ts
1 Attachment

[illegible]

TABULAR SUMMARY OF DEVONIAN WELLS
IN AREA OF PROPOSED SAND HILL

<u>COMPANY NAME</u>	<u>WELL NAME & NO.</u>	<u>WELL LOCATION</u>	<u>CSC. SIZE & DEPTH</u>	<u>SK. CMT.</u>	<u>CMT. TOP</u>	<u>TOTAL DEPTH</u>	<u>PROD. INTERVAL</u>
Harding Oil Company	State 34 No. 1	E-34-13-32	11 3/4" @ 425'	425	Surface	12,452'	None P & A
			8 5/8" @ 3929'	250	Unknown		
Tactus Drlg. Corp. of Texas	Gross St. 3 # 1	E-34-13-32	13 3/2" @ 415'	400	Surface	12,335'	None P & A
			8 5/8" @ 3926'	350	Unknown		
J.S. Smelting, Ref. & Mining Company	Superior St. # 1	E-34-13-32	13 3/8" @ 426'	400	Surface	12,356'	12,312'-12,324'
			9 5/8" @ 4010'	2100	Unknown		Dev.-P & A
			7 1/2" @ 12,356'	600	Unknown		

OIL CONSERVATION COMMISSION

DISTRICT OIL CONSERVATION DIVISION
SANTA FE

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AUG 7 1980

OIL CONSERVATION COMMISSION
BOX 2088
SANTA FE, NEW MEXICO

DATE August 4, 1980

RE: Proposed MC X
Proposed DHC _____
Proposed NSL _____
Proposed SWD _____
Proposed WFX _____
Proposed PMX _____

Gentlemen:

I have examined the application dated July 25, 1980
for the E.P.M.B. Co. S.J. 27-42 Unit # 124A C-8-27N-4W
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

Approve

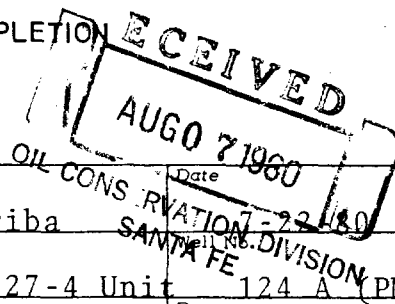
Yours very truly,

Frank S. Chang

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Form C-107
5-1-61

APPLICATION FOR MULTIPLE COMPLETION



Operator <u>El Paso Natural Gas Company</u>		County <u>Rio Arriba</u>		Date <u>AUG 7 1980</u>
Address <u>Box 289, Farmington, NM 87401</u>		Lease <u>San Juan 27-4 Unit</u>		Well No. <u>124 A (PM)</u>
Location of Well <u>C</u>	Unit <u>8</u>	Section <u>27N</u>	Township <u>4W</u>	Range

1. Has the New Mexico Oil Conservation Commission heretofore authorized the multiple completion of a well in these same pools or in the same zones within one mile of the subject well? YES * NO
2. If answer is yes, identify one such instance: Order No. * ; Operator Lease, and Well No.:

*RE: - NMOCC Memo # 18-58

3. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	Tapacito PC Ext		Blanco Mesa Verde
b. Top and Bottom of Pay Section (Perforations)	3640' - 3740'		5313' - 6145'
c. Type of production (Oil or Gas)	Gas		Gas
d. Method of Production (Flowing or Artificial Lift)	Flow		Flow

4. The following are attached. (Please check YES or NO)

- | | | |
|-------------------------------------|-------------------------------------|---|
| Yes | No | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | a. Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and/or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent. |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | b. Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease. |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | c. Waivers consenting to such multiple completion from each offset operator, or in lieu thereof, evidence that said offset operators have been furnished copies of the application.* See below |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | d. Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed it shall be submitted as provided by Rule 112-A.) |

5. List all offset operators to the lease on which this well is located together with their correct mailing address.

* This is an Inside Unit Well and El Paso Natural Gas Company operates all offsets to this well.



6. Were all operators listed in Item 5 above notified and furnished copies of this application? YES NO . If answer is yes, give date of such notification

CERTIFICATE: I, the undersigned, state that I am the Drilling Clerk of the El Paso Natural Gas Company (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

A. G. Bisco
Signature

*Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty-day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.

NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard proration unit in one or more of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.