

NEW MEXICO OIL CONSERVATION COMMISSION

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

| | | | | | |
|--|----------------------|--|----------------------|--|--|
| OPERATOR Jake L. Hamon | | ADDRESS Box 663, Dallas, Texas 75221 | | | |
| LEASE NAME Gladson State | WELL NO. 1 | FIELD Wildcat | COUNTY Lea | | |
| LOCATION UNIT LETTER E ; WELL IS LOCATED 1980 FEET FROM THE North LINE AND 660 FEET FROM THE West LINE, SECTION 36 TOWNSHIP 16-S RANGE 35-E NMPM. | | | | | |

CASING AND TUBING DATA

| NAME OF STRING | SIZE | SETTING DEPTH | SACKS CEMENT | TOP OF CEMENT | TOP DETERMINED BY |
|--|---|---|---|--|---|
| SURFACE CASING | 13-3/8" | 320' | 400 | Circulated | observed |
| INTERMEDIATE | 9-5/8" | 4963 | 3200 | Circulated | observed |
| LONG STRING | | | | | |
| TUBING | 2-7/8" | 3900' | NAME, MODEL AND DEPTH OF TUBING PACKER Baker Model "D" at approximately 3900' | | |
| NAME OF PROPOSED INJECTION FORMATION Queen San Andres, Glorieta & Clearfork | | TOP OF FORMATION 4100' | | BOTTOM OF FORMATION 7500' | |
| IS INJECTION THROUGH TUBING, CASING, OR ANNULUS? Tubing | | PERFORATIONS OR OPEN HOLES PROPOSED INTERVAL(S) OF INJECTION perf. from 4149-4170 open hole 4963-7500 4149-4170' & 4963-7500' | | | |
| IS THIS A NEW WELL DRILLED FOR DISPOSAL? NO | IF ANSWER IS NO, FOR WHAT PURPOSE WAS WELL ORIGINALLY DRILLED? Abandoned dry hole | | | HAS WELL EVER BEEN PERFORATED IN ANY ZONE OTHER THAN THE PROPOSED INJECTION ZONE? NO | |
| LIST ALL SUCH PERFORATED INTERVALS AND SACKS OF CEMENT USED TO SEAL OFF OR SQUEEZE EACH 4:49' to 4170' not squeezed | | | | | |
| DEPTH OF BOTTOM OF DEEPEST FRESH WATER ZONE IN THIS AREA 300' | | DEPTH OF BOTTOM OF NEXT HIGHER OIL OR GAS ZONE IN THIS AREA * see note below | | DEPTH OF TOP OF NEXT LOWER OIL OR GAS ZONE IN THIS AREA Penn at 10,250' | |
| ANTICIPATED DAILY INJECTION VOL (BBLs.) 100 | MINIMUM 100 | MAXIMUM 500 | OPEN OR CLOSED TYPE SYSTEM closed | IS INJECTION TO BE BY GRAVITY OR PRESSURE? pressure if necessary | APPROX. PRESSURE (PSI) 1500 |
| 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 (Devonian Water) | | | 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) Mr. Scharbauer Eidson, Box 1286, Lovington, New Mexico 88260 | | | | | |
| LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF (1/2) MILE OF THIS INJECTION WELL | | | | | |
| Ashmun & Hilliard, 310 W. Texas, Suite 418, Midland, Texas 79701 | | | | | |
| Sinclair Oil & Gas Company, Box 1920, Broadmoor Shopping Center, Hobbs, New Mexico 88240 | | | | | |
| HAVE COPIES OF THIS APPLICATION BEEN SENT TO EACH OF THE FOLLOWING? | | | | | |
| SURFACE OWNER Yes (State) | | 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.

Cecil H. Barton
(Signature)

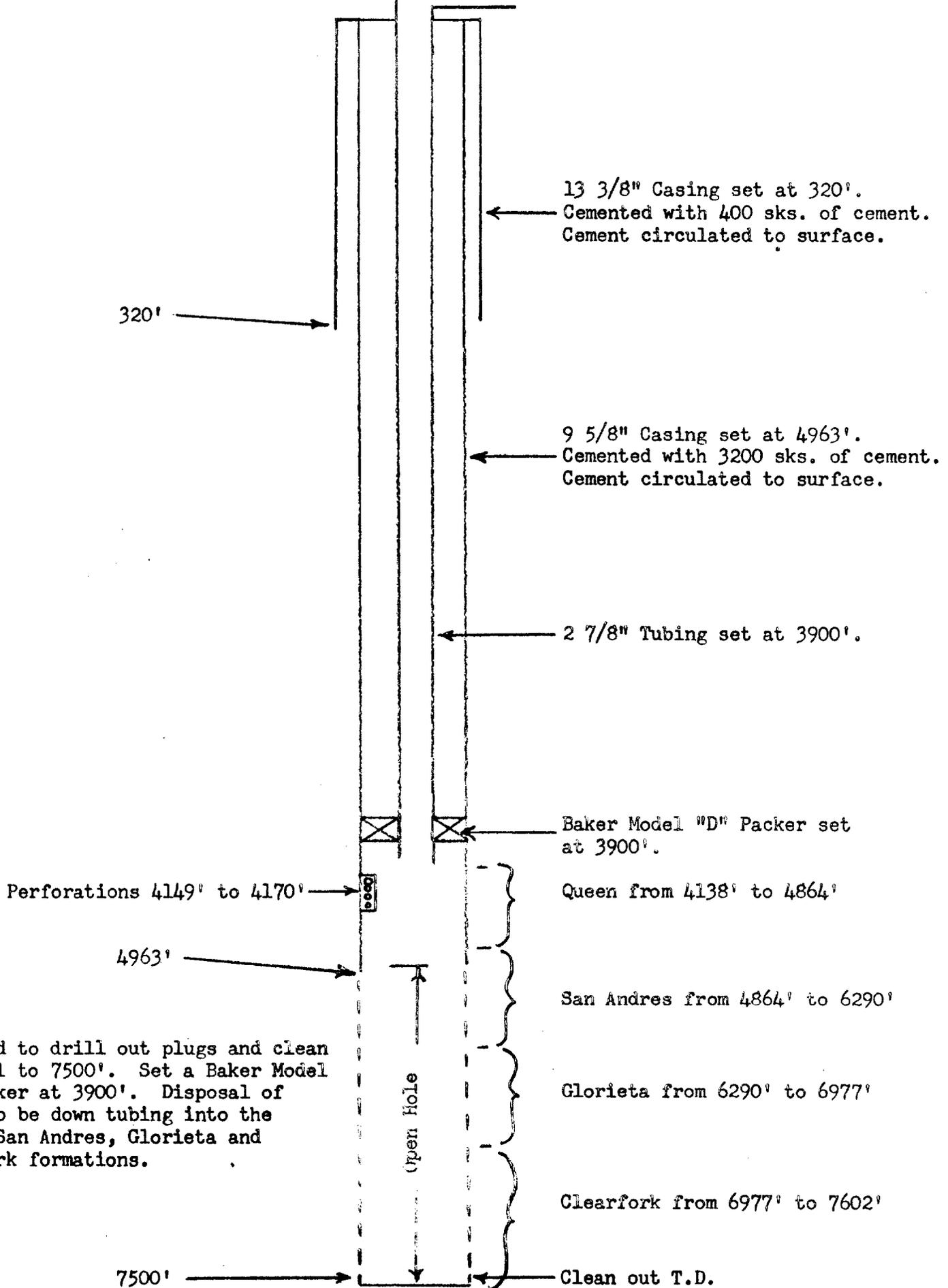
Petroleum Engineer
(Title)

12-6-68
(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.

*Nearest San Andres production is 2.0 miles Southeast in West Lovington Unit operated by Texaco Inc. and is now being water flooded. No shallower production in this area.

Diagrammatic Sketch of Proposed Completion
 Gladson State No. 1 Salt Water Disposal Well
 Section 36, T-16-S, R-36-E, Lea County



Proposed to drill out plugs and clean out well to 7500'. Set a Baker Model "D" packer at 3900'. Disposal of water to be down tubing into the Queen, San Andres, Glorieta and Clearfork formations.

New Mexico Oil Conservation Commission
Mr. Pete Porter
State Capitol Building
Santa Fe, New Mexico 87501

Gentlemen:

I have received Notice that Jake L. Hamon proposes to dispose of Salt water into a porous formation not productive of oil or gas in the Jake L. Hamon Gladson State No. 1, located in Unit E, 1980' from the North line and 660' from the West line of Section 36, T-16-S, R-35-E, Lea County, New Mexico.

As the State Land Engineer, I have no objection to this operation.

State Land Engineer

DATE: _____

By: _____

New Mexico Oil Conservation Commission
Mr. Pete Porter
State Capitol Building
Santa Fe, New Mexico 87501

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As the land owner and/or lessee of the Gladson State No. 1 lease, I have no objection to this operation.

Scharbauer Eidson

DATE: _____ By: _____

New Mexico Oil Conservation Commission
MR. Pete Porter
State Capitol Building
Santa Fe, New Mexico 87501

Gentlemen:

We have received Notice that Jake L. Hamon proposes to dispose of Salt water into a porous formation not productive of oil Or gas in the Jake L. Hamon Gladson State No. 1, located in Unit E, 1980' from the North line and 660' from the West line of Section 36, T-16-S, R-35-E, Lea County, New Mexico.

As a representative of the offset operator of the Gladson State No. 1 lease, we have no objection to this operation.

SINCLAIR OIL & GAS CO.

DATE: _____

By: _____

New Mexico Oil Conservation Commission
Mr. Pete Porter
State Capitol Building
Santa Fe, New Mexico 87501

Gentlemen:

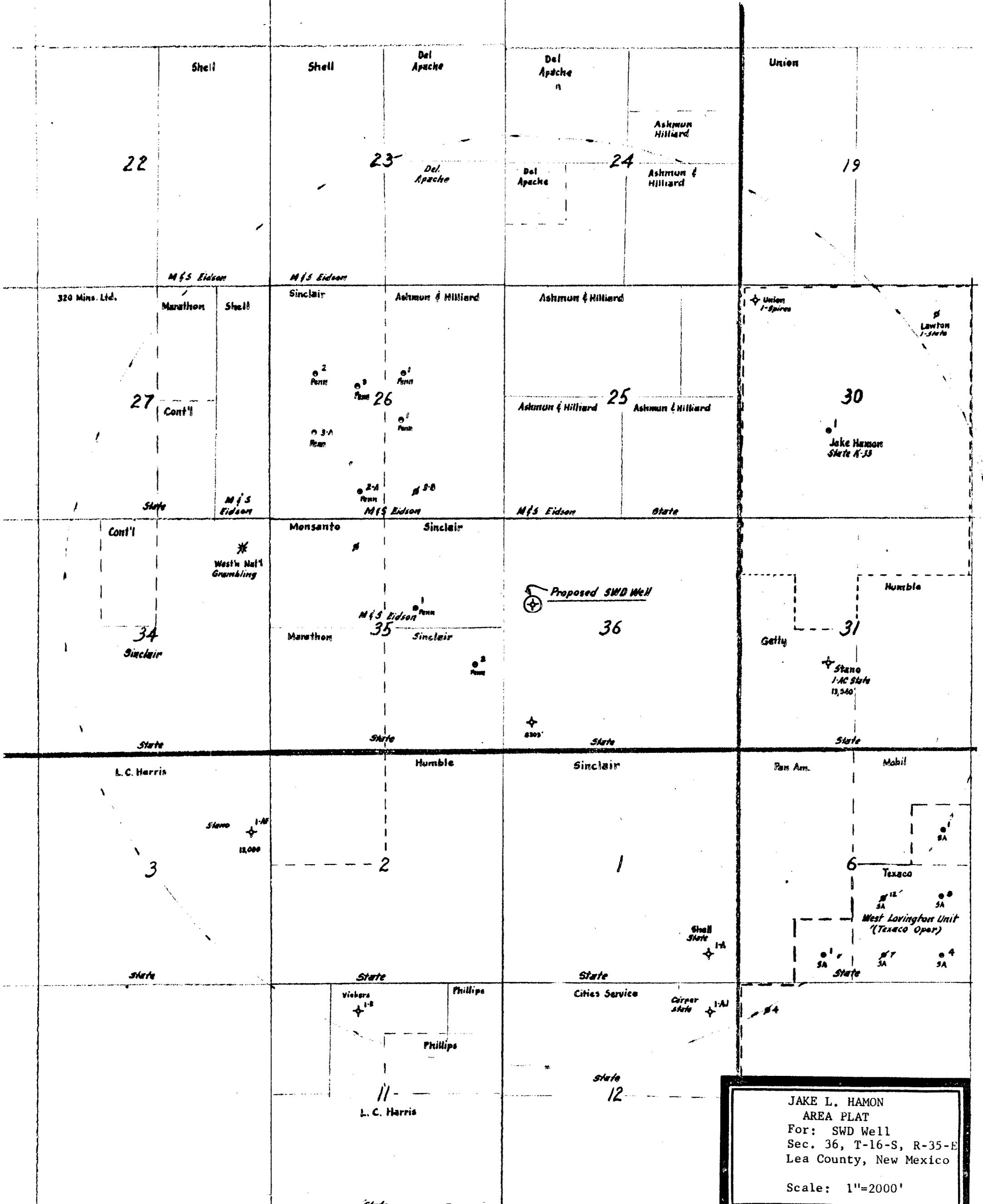
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ASHMUN & HILLIARD

DATE: _____

By: _____



JAKE L. HAMON
 AREA PLAT
 For: SWD Well
 Sec. 36, T-16-S, R-35-E
 Lea County, New Mexico
 Scale: 1"=2000'

JAKE L. HAMON
OIL PRODUCER
908 VAUGHN BUILDING
MIDLAND, TEXAS

December 6, 1968

MAIN OFFICE 0000

60 DEC 9 PM 8 43

SWD-91
Dec 23, 1968

RE: Salt Water Disposal,
Gladson State No. 1
Section 36, T-16-S, R-35-E,
Lea County, New Mexico

Gentlemen:

Enclosed are four copies of a waiver letter concerning
the above subject.

If you have no objections to the proposed plan of Jake
L. Hamon as outlined on the enclosed C-108, please sign
your approval and return three copies of the waiver
letter in the enclosed stamped, self-addressed envelope.

Yours very truly,

Jake L. Hamon

By: *J.W. Pettus*
J.W. Pettus

/jwp

encls

cc: New Mexico Oil Conservation Commission
Hobbs & Santa Fe, New Mexico

State Engineer's Office, Mr. Jim Wright
Roswell, New Mexico

Mr. Chester Phillips
Dallas, Texas

Handwritten notes from:
✓ Charles E. Erickson
✓ Sinclair
✓ [unclear] & [unclear]

WARRANT OF OFFICE

'68 DEC 13 AM 8 23

New Mexico Oil Conservation Commission
Mr. Pete Porter
State Capitol Building
Santa Fe, New Mexico 87501

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ASHMUN & HILLIARD

DATE: DEC. 11, 1968

By: JBTaylor

MAIL ROOM

*68 DEC 13 AM 8 23

New Mexico Oil Conservation Commission
MR. Pete Porter
State Capitol Building
Santa Fe, New Mexico 87501

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SINCLAIR OIL CORPORATION
SINCLAIR OIL & GAS CO.

DATE: 12-11-68

By: J. M. Anderson

MAIL ROOM

*60 DEC 13 AM 8 23

New Mexico Oil Conservation Commission
Mr. Pete Porter
State Capitol Building
Santa Fe, New Mexico 87501

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Scharbauer Eidson

DATE: 12-11-69

By: Scharbauer Eidson

PLAIN COPY

'68 DEC 13 AM 8 23

New Mexico Oil Conservation Commission
Mr. Pete Porter
State Capitol Building
Santa Fe, New Mexico 87501

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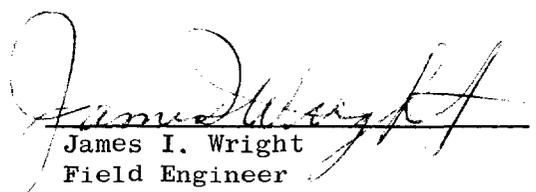
State Land Engineer

DATE: _____

By: _____

I have been informed by my supervisor that a formal waivering by the State Engineer office is no longer required since this duty is performed by the Oil Conservation Commission.

DATE: December 9, 1968


James I. Wright
Field Engineer