

Oil Reports and Gas Services, Inc.

P. O. BOX 763

HOBBS, NEW MEXICO 88240

PHONE NUMBERS

393-2727 - 393-2017

March 19, 1980

Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87501

Re: Gil-McOil Corporation
Long No. 1
Application SWD

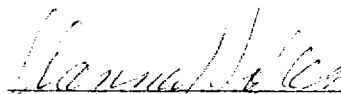
Attention: Mr. Mike Holland

Gentlemen:

As per your directive of March 25, 1980, I have enclosed three copies each of a tabular summary and a schematic of th only two wells located within a one-half mile radius of the subject well.

Yours very truly,

OIL REPORTS AND GAS SERVICES, INC.



Donna Holler

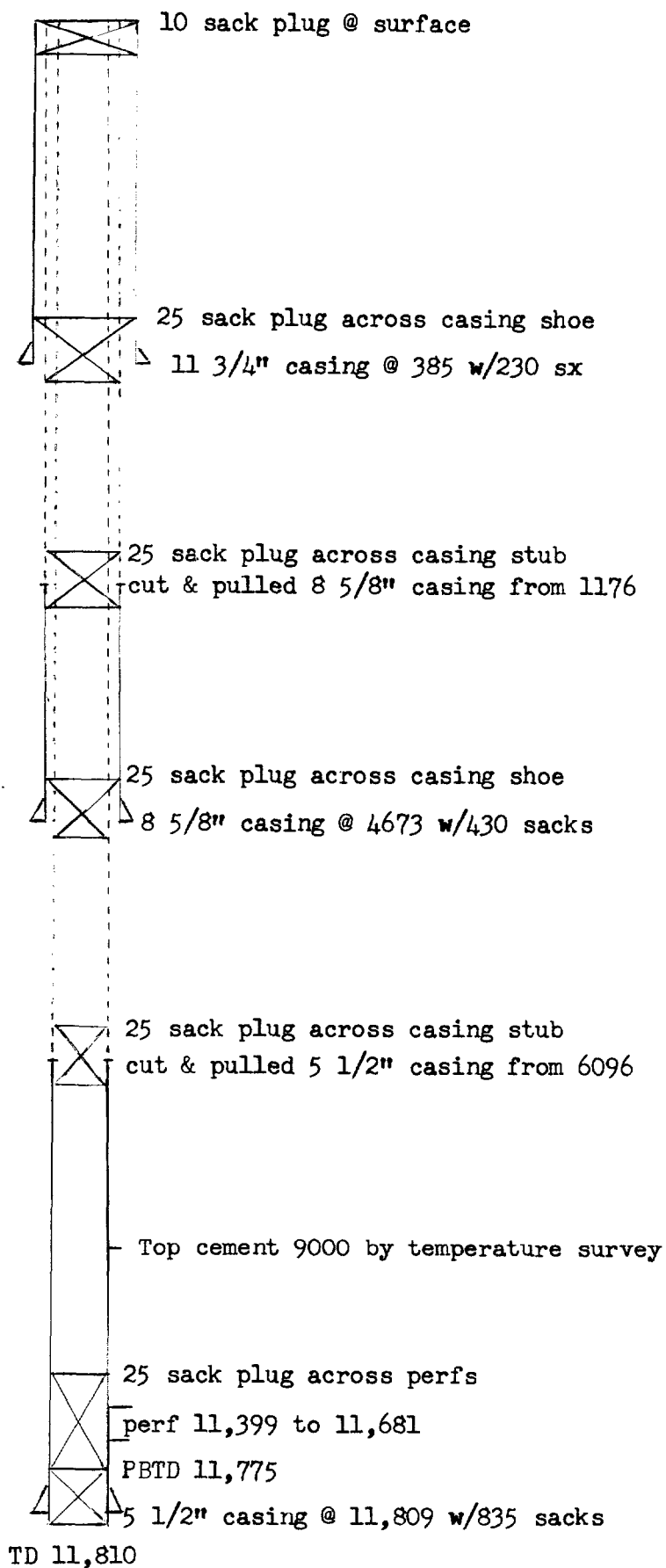
DH/gh

cc: Gil-Mc Oil Corporation
P. O. Box 1865
Lovington, New Mexico 88260

TABULAR SUMMARY
 All Wells Within 1/2 Mile of
 Gil-Mc Oil Corporation - Long No. 1
 Unit C, Sec. 8, T14S, R37E

Operator:	Seventy-Seven Corp.	Southwest Prod. Corp.
Lease & Well No:	Long #1	Harmon #1
S - T - R	Sec. 8, T14S, R37E	Sec. 5, T14S, R37E
Footage Loc:	990' FNL & 1980' FWL	330' FSL & 990' FWL
Surface Casing	13 3/8" @ 550'	11 3/4" @ 385'
Sacks Cement	550 sacks	230 sacks
Top Cement	Circulated	Circulated
Interm. Casing	8 5/8" @ 4737	8 5/8" @ 4673
Sacks Cement	1400 sacks	430 sacks
Top Cement	1100 by Temp Surv	3000 Est.
Prod. Casing	None	5 1/2" @ 11809
Sacks Cement	-	835 sacks
Top Cement	-	9000 by Temp Surv
Total Depth	10,714	11,810
Prod. Interval	None	11,399-11,681

Southwest Production Corp.
Harmon No. 1
330' FSL & 990' FWL
Sec. 5, T14S, R37E
P & A 8/30/69



10 Sack plug @ surface

60 sack plug @ 350' - 430'

65 sack plug 1,000' - 1,100'

35 sack plug 2,000' - 2,100'

75 sack plug 2,900' - 3,100'

13 3/8" 48# @ 400'
Cement circulated

Cut 8 5/8" @ 1,053'

Cement top @ 1,100' by
Temp. Survey

Casing collapsed @ 3,101'.
Drill pipe parted with top @
3136'. Attempt to roll & mill
out casing and drill new hole
to 3,145'

Left 1 Drill Collar, Stab. & Bit in
hole. Set 160 sx cmt plug back to
8612'. Dress off to 8918' & kick off
to sidetrack around fish @ 8915'

Top fish @
± 9112'

TD 9165'

Fish in hole consist of:
19-6 1/2" Drill Collars
222-4 1/2" XH, 16.6#/Ft. Grade E
with bit & reamers

SCHEMATIC

Seventy-Seven Corporation of Texas
Long No. 1
Unit C, Sec. 8, T-14-S, R-37-E
Lea County, New Mexico

TD 10,714'



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

BRUCE KING
GOVERNOR
LARRY KEHOE
SECRETARY

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 827-2434

Re: Application for (SWD) (WFX) (PMX)

GIL - MC OIL CORPORATION

WEST KING PENN

LONG No. 1

Gentlemen:

We have reviewed the subject application dated 3/17/80. We may not process the subject application until the required information checked below is submitted.

- ☐ A well plat must be submitted showing the location of the proposed injection well(s) and the location of all other wells within a radius of two miles from said proposed injection well(s) and the formation from which said wells are producing or have produced. The plat shall indicate the leases, if any, within said two-mile radius.
- ☒ Applications must include a tabular summary of all wells within one-half mile of the injection well(s) and which penetrate the injection zone showing all casing strings, setting depths, sacks of cement used, cement tops, total depth, producing interval, well identification, and location. Applications for expansion of projects need not include the tabulation if the same is on file and no additional wells are included. (Memo No. 3-77)
- ☒ Application must include a schematic of all plugged and abandoned wells within the one-half mile radius and which have penetrated the injection zone showing all information required under the above plus the size and location of all plugs and the date of abandonment. Applications for expansion of projects need not include the schematics if the same is on file and no additional wells are included. (Memo No. 3-77)
- ☐ The log of the proposed injection well(s) if same is available.
- ☐ A diagrammatic sketch of the proposed injection well(s) showing all casing strings, including diameters and setting depths, quantities used and tops of cement, perforated or open hole intervals, tubing strings, including diameters and setting depths, and the type and location of packers, if any.

☐ Other pertinent information including the name and depth of the zone or formation into which injection will be made, the kind of fluid to be injected, the anticipated volumes to be injected, and the source of said injection fluid.

☐ Notice that all offset operators have been notified by certified mail.

☐ Other:

If there are any questions on this matter, please do not hesitate to call upon me.

Sincerely,

A handwritten signature in cursive script that reads "Mike Holland".

MIKE HOLLAND
Geologist

MH/dr

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

OPERATOR Gil-Mc Oil Corporation		ADDRESS P. O. Box 763, Hobbs, New Mexico 88240			
LEASE NAME Long	WELL NO. 1	FIELD West King Penn	COUNTY Lea		
LOCATION UNIT LETTER C ; WELL IS LOCATED 900 FEET FROM THE North LINE AND 2200 FEET FROM THE West LINE, SECTION 8 TOWNSHIP 14S RANGE 37E NMPM.					
CASING AND TUBING DATA					
NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
SURFACE CASING	13 3/8	420	450	Circ.	sight
INTERMEDIATE	9 5/8	4739	2050	Circ.	sight
LONG STRING	5 1/2	11894	1750	6600	calculated by prior operator
TUBING	2 3/8	6700	NAME, MODEL AND DEPTH OF TUBING PACKER Arrow 5 1/2" Tension set @ 6700'		
NAME OF PROPOSED INJECTION FORMATION Penn		TOP OF FORMATION 11,046		BOTTOM OF FORMATION 11,810	
IS INJECTION THROUGH TUBING, CASING, OR ANNULUS? Tubing		PERFORATIONS OR OPEN HOLE? Perforations	PROPOSED INTERVAL(S) OF INJECTION 11,558 to 11,585		
IS THIS A NEW WELL DRILLED FOR DISPOSAL? No	IF ANSWER IS NO, FOR WHAT PURPOSE WAS WELL ORIGINALLY DRILLED? Oil Production			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 None					
DEPTH OF BOTTOM OF DEEPEST FRESH WATER ZONE IN THIS AREA 150'		DEPTH OF BOTTOM OF NEXT HIGHER OIL OR GAS ZONE IN THIS AREA None this area		DEPTH OF TOP OF NEXT LOWER OIL OR GAS ZONE IN THIS AREA None in this area	
ANTICIPATED DAILY INJECTION VOLUME (BBLs.)	MINIMUM 4,000 bbls	MAXIMUM 6,000 bbls	OPEN OR CLOSED TYPE SYSTEM open	IS INJECTION TO BE BY GRAVITY OR PRESSURE? gravity	APPROX. PRESSURE (PSIO) none
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 -			WATER TO BE DISPOSED OF yes	NATURAL WATER IN DISPOSAL ZONE yes	ARE WATER ANALYSES ATTACHED? yes
NAME AND ADDRESS OF SURFACE OWNER (OR LESSEE, IF STATE OR FEDERAL LAND) Roberta H. Trexler, 4081 Garnet Lane, Boulder, Colorado 80302					
LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF (1/2) MILE OF THIS INJECTION WELL None					
HAVE COPIES OF THIS APPLICATION BEEN SENT TO EACH OF THE FOLLOWING? Yes					
EACH OPERATOR WITHIN ONE-HALF MILE OF THIS WELL Not Applicable					
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)

Agent

(Title)

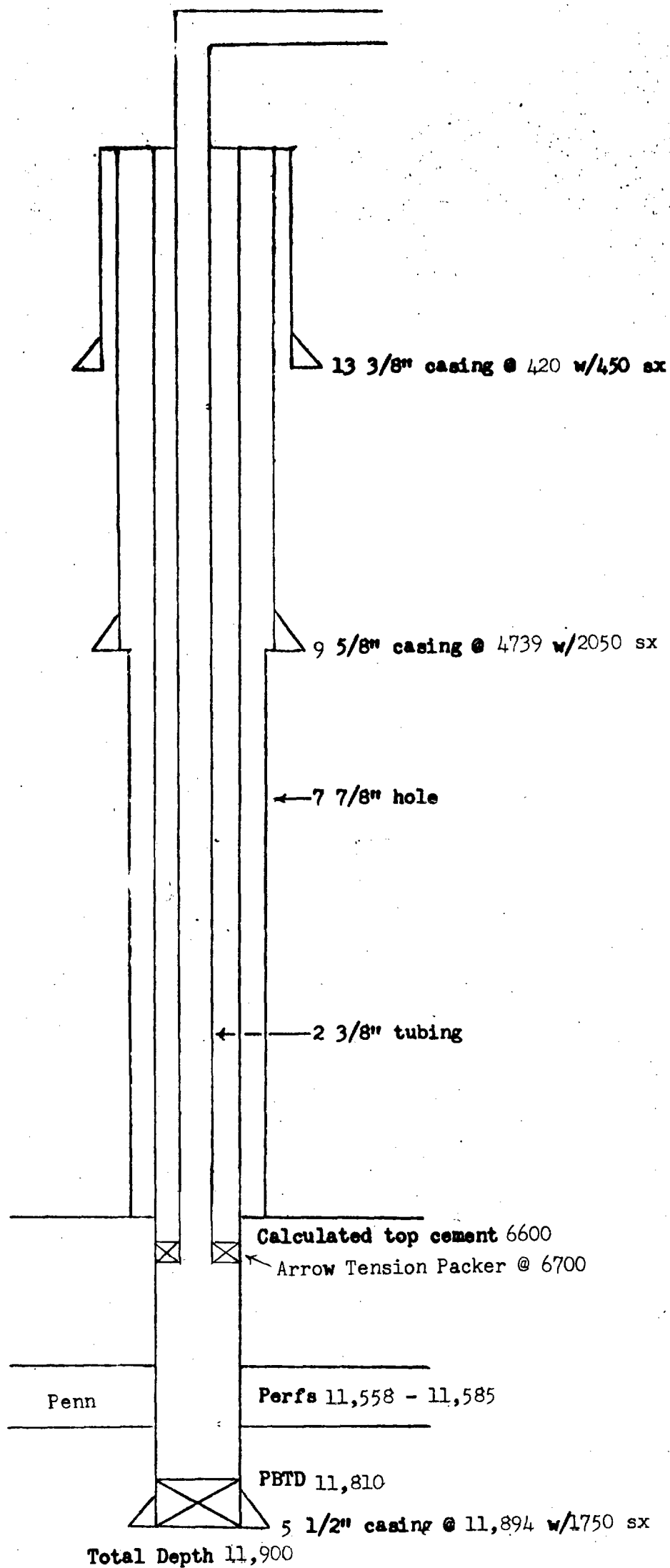
3/17/80

(Date)

NOTE: Should waivers 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 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.

[illegible]

**DIAGRAMMATIC SKETCH
of Proposed Water Injection**



Gil-Mc Oil Corporation
Long No. 1
900' FNL & 2200' FWL
Sec. 8, T14S, R37E
West King Penn Field
Lea County, New Mexico

HALLIBURTON DIVISION LABORATORY

HALLIBURTON SERVICES

MIDLAND DIVISION

HOBBS, NEW MEXICO 88240

LABORATORY WATER ANALYSIS

No. W79-762To Gil-Mc Oil CorporationDate 8-3-79Box 1865Lovington, New Mexico

This report is the property of Halliburton Company and neither it nor any part thereof nor a copy thereof is to be published or disclosed without first securing the express written approval of laboratory management; it may however, be used in the course of regular business operations by any person or concern and employees thereof receiving such report from Halliburton Company.

Submitted by _____

Date Rec. 8-3-79Well No. Long #1Depth 11,500' ±Formation Miss. or Penn

County _____

Field _____

Source _____

Resistivity _____

ND

Specific Gravity _____

1.060

pH _____

5.6

Calcium (Ca) _____

8,400

*MPL

Magnesium (Mg) _____

3,240

Chlorides (Cl) _____

50,000

Sulfates (SO₄) _____

350

Bicarbonates (HCO₃) _____

50

Soluble Iron (Fe) _____

150

API Gr. of Oil @ 60°F. - 39.2

Remarks: Sample contained approximately 12% emulsion and solids. We

*Milligrams per liter

recommend 15% MCA or 7½% Morrow-Flow acid for clean-up.

Respectfully submitted,

Analyst: Brewer

cc: _____

HALLIBURTON COMPANY

By W. L. Brewer

CHEMIST

NOTICE

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