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

None

Prod. Interval

11,399-11,681

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

25 sack plug @ surface

25 sack plug across casing shoe

11 3/4" casing @ 385 w/230 sx

25 sack plug across casing stub cut & pulled 8 5/8" casing from 1176

25 sack plug across casing shoe 8 5/8" casing @ 4673 w/430 sacks

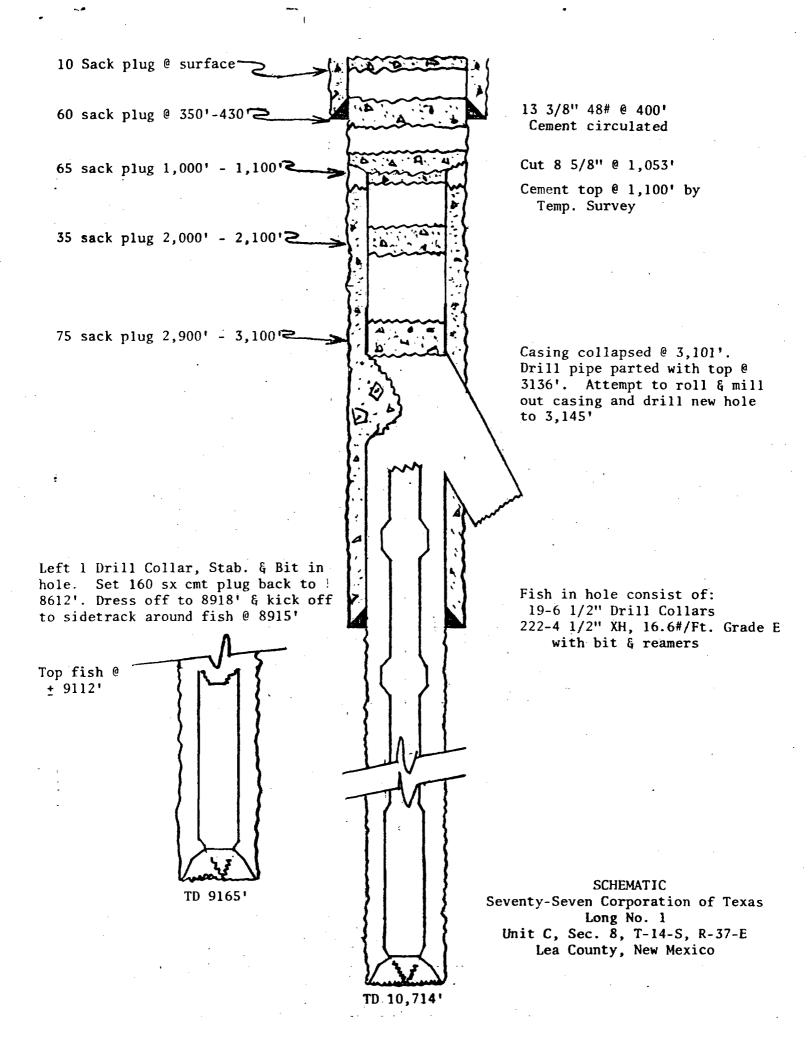
25 sack plug across casing stub cut & pulled 5 1/2" casing from 6096

- Top cement 9000 by temperature survey

25 sack plug across perfs
perf 11,399 to 11,681
PBTD 11,775

25 1/2" casing @ 11,809 w/835 sacks

TD 11,810





ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION

BRUCE KING GOVERNOR LARRY KEHOE GEORETARY

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

	Re: Application for (SWD)(WFX)(PMX)
	GIL-MC OIL CORPORATION
	· WEST KING PENN
•	Lon6 No. 1
Gentl	emen:
not p	ve reviewed the subject application dated $3/17/80$. We may rocess the subject application until the required information checked below bmitted.
	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 <u>certified mail</u> .
	Other:
If the	ere are any questions on this matter, please do not hesitate to call upon me.
	Sincerely,
	MikeHolland
	MIKE HOLLAND Geologist

MH/dr



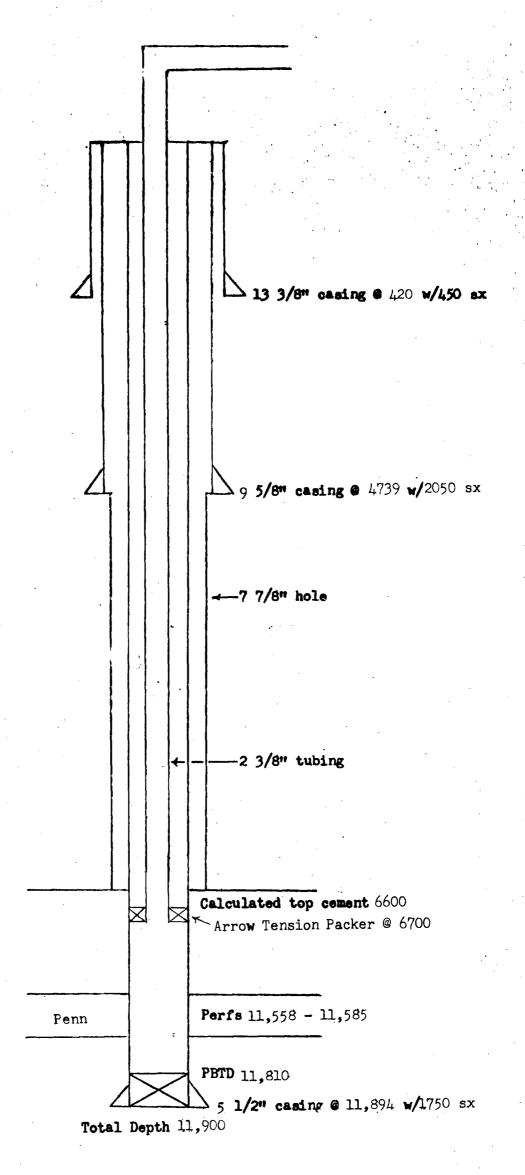
NEW MEXICO OIL CONSERVATION COMMISSION

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

OPERATOR	_					ADDRESS	_	7.60	11			
Gil-Mc Oil	Corporation	n		WELL NO.		P. O	. Box	763,	Hobbs,	New .	Mexico 88240	
Long				1			King	Penr	1		Lea	
LOCATION				<u> </u>					<u>-</u>			
UN	IT LETTER	<u>C</u> ; w	ELL IS	LOCATED	900	FEET	FROM THE	No1	th	NE AND	2200	T FROM THE
West LIN	IE, SECTION 8	то	WNSHIP	14S			7E	NMPK	1.			
			T = = = =		1	TUBING D	· · · · · · · · · · · · · · · · · · ·					
NAME OF ST SURFACE CASING	RING	SIZE	SEII	ING DEPTH	5	ACKS CE	MENT	 	OP OF CEME	NT	TOP DETERMIN	ED BY
INTERMEDIATE		13 3/8		420		450		ļ	Circ.		sight	
		9 5/8		4739		2050			Circ.		sight	
LONG STRING		5 1/2	1	.1894		1750			6600		calculated b	
TUBING		2 3/8		6700		ow 5 1	/2" Te		on set @	6700) †	
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IS THIS A NEW WELL D DISPOSAL? NO	RILLED FOR			e what purpo ction	SE WAS	WELL ORI	SINALLY DI	RILLED		HAS WI ZONE C TION Z	ELL EVER BEEN PERFORS ONE? NO	ATED IN ANY
LIST ALL SUCH PERFOR	ATED INTERVALS A	ND SACKS OF C	EMENT I	JSED TO SEAL	OFF OR	SQUEEZE E	ACH					
None			IDEBTH	OF BOTTOM O	ENEVE	HIGHER		·	DEPTH OF TOP		T LOWER	
FRESH WATER ZONE IN	THIS AREA	150'		of BOTTOM OR GAS ZONE IN	area				None in	one in t 1 thi	HIS AREA	
1	4,000 bbls			open or clos				JECTION SURE?	gravity	VITY OR	none	(PS10
ANSWER YES OR NO WH ERALIZED TO SUCH A D STOCK, IRRIGATION, OR	EGREE AS TO BE UN	IFIT FOR DOMES	RE MIN- STIC,	WATER	yes	DISPOSED	OF NATUI	ONE	rer in dispo- 7es	ARE WA	yes	ED?
NAME AND ADDRESS OF						~ 1	1 /	0000		•		
Roberta H.	Trexler,							80302	<u> </u>			
None	-3323 07 822 07 -	THE WITH	0112 1141	. (2) MILL O	11113							
None												
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		.,	<u>.</u>									
HAVE COPIES OF THIS A	FOLLOWING?	SURFACE OW	NER			'EACH OPER OF THIS W	ELL		-HALF MILE Applicabl	١.		
RE THE FOLLOWING IT		Yes	Ā			ELECTRICA		NOL Z	тррттсар.		MMATIC SKETCH OF WE	LL
THE APPLICATION (SEE	: HULE 701-B)	Yes				! 	7	Yes		Y	es	
1.5	I hereby certif	y that the in	formati	on above is	true a	nd comple	ete to the	e best	of my knowl	edge aı	nd belief.	
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len	(Signature)	2	_									
lon	(Signature)	.2	_			Age (Title					3/17/80	

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.

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	7	×		B.A.Wilbonks	C.W.W.:lioms, Jr.	C W. Williams No.		A Section of the sect	Agnes E. Hibbers, eral, MI	Gerter Musky Cil
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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	W79-762	
8-7	3-79	

To Gil-Mc Oil Corroration	on	Date	8-3-79
Box 1865		it nor any part thereof no	of Halliburton Company and neither or a copy thereof is to be published
Lovington, New Mexico) ·	of laboratory management	securing the express written approval t; it may however, be used in the
		and employees thereof recompany.	operations by any person or concern ceiving such report from Halliburton
Submitted by		Date Rec	8-3-79
Well No. Long #1	Depth 11,500' ±	Formation_	Miss. or Fenn
County	Field	Source	:
			· · · · · · · · · · · · · · · · · · ·
Resistivity	ND		
Specific Gravity	1.060		
pH	5.6		
Calcium (Ca)	8,400		*MPL
Magnesium (Mg)	3,240		
Chlorides (CI)	50,000		
Sulfates (SO ₄)	350 .		
Bicarbonates (HCO ₃)	50		
Soluble Iron (Fe)	150		
AFI Gr. of O	1 @ 60°F 39.2		
		· · · · · · · · · · · · · · · · · · ·	
Remarks: Sample contained	approximately 12% emulsion	n and solids. We	*Milligrams per liter
recommend 15% M	CA or 7½% Morrow-Flow acid	for clean-pr.	
· .	Respectfully subr	mitted,	
Analyst: Brewer		HALLIBURTON	COMPANY)
CC:	D.	W. L. 6	many)
	by_	CHEM	IST

NOTICE