

MCGRATH & SMITH, INC.

418 BANK OF THE SOUTHWEST
MIDLAND, TEXAS 79701

MUTUAL 3-4661

March 11, 1969

1969 MAR 12 PM 3 13

2VID-98

1 copy sent
enclosed

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

Attention: Mr. Al Porter, Jr.

Reference: McGrath & Smith, Inc.
Application to Dispose of Salt Water
by Injection into Porous Formation
Lazy J Penn Field
Huber State #2 Unit A Section 2, T-14-S
R-33-E, Lea County, New Mexico

Dear Sir:

Enclosed is our application to dispose of salt water along with log, plats, well diagram, and letters of waiver. All the waivers are signed except Texaco, and they have mailed a signed copy to you.

If administrative approval can be granted we will appreciate having approval granted as soon as possible, since we have the allowable rescinded on the producing well on this lease.

Very truly yours,

McGRATH & SMITH, INC.

J. B. Taylor
J. B. TAYLOR

JBT/j1

enclosures

NEW MEXICO OIL CONSERVATION COMMISSION

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

OPERATOR McGrath & Smith, Inc.		ADDRESS 310 W. Texas Suite 418, Midland, Texas	
LEASE NAME Huber State	WELL NO. 2	FIELD Lazy J Penn	COUNTY Lea
LOCATION UNIT LETTER <u>A</u> ; WELL IS LOCATED <u>660</u> FEET FROM THE <u>North</u> LINE AND <u>990</u> FEET FROM THE <u>East</u> LINE, SECTION <u>2</u> TOWNSHIP <u>14-S</u> RANGE <u>33-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	368	350	Circulated	Circulation
INTERMEDIATE	8-5/8	4117	200	3960	Temp. Survey
LONG STRING	5-1/2	9950	200	9300	Temp. Survey
TUBING	2-3/8	4050	NAME, MODEL AND DEPTH OF TUBING PACKER Guiberson Shorty Tension		
NAME OF PROPOSED INJECTION FORMATION San Andres-Clearfork			TOP OF FORMATION 4051	BOTTOM OF FORMATION 7727	
IS INJECTION THROUGH TUBING, CASING, OR ANNULUS? Tubing		PERFORATIONS OR OPEN HOLE? open hole	PROPOSED INTERVAL(S) OF INJECTION 4117-7413		
IS THIS A NEW WELL DRILLED FOR DISPOSAL? NO		IF ANSWER IS NO, FOR WHAT PURPOSE WAS WELL ORIGINALLY DRILLED? Oil		HAS WELL EVER BEEN PERFORATED 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 9895-9900'; 9845-9854' Unable to Squeeze - Csg. Collapsed - See Diagram					
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 none		DEPTH OF TOP OF NEXT LOWER OIL OR GAS ZONE IN THIS AREA 9700	
ANTICIPATED DAILY INJECTION VOLUME (BBLs.) 200	MINIMUM 200	MAXIMUM 400	OPEN OR CLOSED TYPE SYSTEM open	IS INJECTION TO BE BY GRAVITY OR PRESSURE? Gravity	APPROX. PRESSURE (PSI) -0-
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? no
NAME AND ADDRESS OF SURFACE OWNER (OR LESSEE, IF STATE OR FEDERAL LAND) State Land - Oil & Gas Lease No. K 6231 - Mr. Floyd Childress, 712 N. Lee, Roswell, N.M.					
LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF (1/2) MILE OF THIS INJECTION WELL Amerada Oil Co., P. O. Box 312, Midland, Texas Trice Oil Co., 3609 Sinclair, Midland, Texas Texaco, P. O. Box 728, Hobbs, New Mexico Skelly Oil Co., P. O. Box 730, Hobbs, New Mexico Floyd Childress, 712 N. Lee St., Roswell, New Mexico Shell Oil Company, Midland Production West, P. O. Box 1509, Midland, Texas					
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	
				THE NEW MEXICO STATE ENGINEER 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.

AB Taylor Engineer February 19, 1969
(Signature) (Title) (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.

Well diagram attached - Disposed water will be salt water (Produced with oil) from our Huber State No. 1, Unit G, Section 2, T-14-S, R-33-E, Lazy J Penn Field, Lea Co., New Mexico.

SURFACE

13 1/2" HOLE

15 1/2" at 368'

WITH 350 SX.
CIRCU.

MAIN OFFICE U.S.

19 MAR 1969

McGRATH & SMITH, INC.

HUBER STATE No. 2

LOG: UNIT A - 660' ENL & 990'

FEL, SEC. 2, T14S, R33E,

LEA CO., TEXAS

WELL DIAGRAM 2-18-69

11" HOLE
TOP CMT 3960'

5 1/2" Casing at 405' with 300 SX.

← 2 3/8 TUBING AT 4050' WITH GUB TENSION
PICKER

OPEN-HOLE

WIT-7413

SALT-WATER

DISPOSAL

ZONE

THIS WELL WAS DRILLED BY J. M.

HUBER CORP. AS THEIR NEW

MEXICO "A" STATE No. 1 & COMPLETED

AS A PENN PRODUCER IN MAY,

1967. THE 5 1/2 CASING COLLAPSED

& THE WELL WAS TA IN

AUGUST, 1967.

TOP OF 5 1/2

CASING LEFT

IN HOLE AT 7413'

← 50 SX. CLASS H CEMENT PLUG FROM 7413-7400'

TOP CMT.

9300'

7 7/8 HOLE

5 1/2" Casing at 9950'

WITH 200 SX

TD 9950

9845 } PERFS

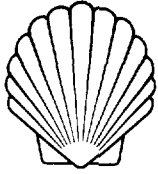
9854 }

BRIDGE PLUG AT 9867'

9895 }

9900 } PERFS

[illegible]



SHELL OIL COMPANY

PETROLEUM BUILDING
P.O. BOX 1509
MIDLAND, TEXAS 79701

February 26, 1969

69 MAR 12 AM 8 20

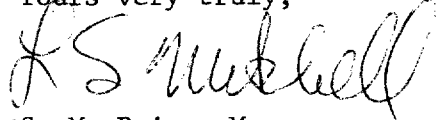
McGrath & Smith, Inc.
418 Bank of the Southwest
Midland, Texas 79701

Gentlemen:

Attached are the waivers for salt water disposal into the Huber State #2, Lazy J Penn Field, located in Unit A, Section 2, T-14-S, R-33-E, Lea County, New Mexico.

Shell Oil Company has no objection to disposal in the manner as stated in your letter of February 19, 1969.

Yours very truly,

for 

S. M. Paine, Manager
Production Department - West
Midland Division

GAM:MRB

Attachments

MCGRATH & SMITH, INC.

418 BANK OF THE SOUTHWEST
MIDLAND, TEXAS 79701

February 19, 1969

MUTUAL 3-4661

To Whom It May Concern:

This is to affirm that the undersigned has no objection to McGrath & Smith, Inc. disposing of salt water into the open-hole section between 4117-7413' (San Andres - Clearfork formations) in its Huber State #2 Location: Unit A, Section 2, T-14-S, R-33-E, Lazy J Penn Field, Lea County, New Mexico, and hereby waives right of protest.

SHELL OIL COMPANY

BY: RS Mitchell

MCGRATH & SMITH, INC.

418 BANK OF THE SOUTHWEST
MIDLAND, TEXAS 79701

February 19, 1969

MUTUAL 3-4661

69 MAR 14 AM 8 20

To Whom It May Concern:

This is to affirm that the undersigned has no objection to McGrath & Smith, Inc. disposing of salt water into the open-hole section between 4117-7413' (San Andres - Clearfork formations) in its Huber State #2 Location: Unit A, Section 2, T-14-S, R-33-E, Lazy J Penn Field, Lea County, New Mexico, and hereby waives right of protest.

MR. FLOYD CHILDRRESS

BY: *[Signature]*

SURFACE LEASE OWNER

MCGRATH & SMITH, INC.

418 BANK OF THE SOUTHWEST
MIDLAND, TEXAS 79701

February 19, 1969

MUTUAL 3-4661

69 MAR 12 AM 8 20

To Whom It May Concern:

This is to affirm that the undersigned has no objection to McGrath & Smith, Inc. disposing of salt water into the open-hole section between 4117-7413' (San Andres - Clearfork formations) in its Huber State #2 Location: Unit A, Section 2, T-14-S, R-33-E, Lazy J Penn Field, Lea County, New Mexico, and hereby waives right of protest.

SKELLY OIL COMPANY

BY:



Ronald J. Jacobs
Conservation Attorney
February 24, 1969

MCGRATH & SMITH, INC.

418 BANK OF THE SOUTHWEST
MIDLAND, TEXAS 79701

MUTUAL 3-4661

February 19, 1969

69 MAR 12 AM 8 20

To Whom It May Concern:

This is to affirm that the undersigned has no objection to McGrath & Smith, Inc. disposing of salt water into the open-hole section between 4117-7413' (San Andres - Clearfork formations) in its Huber State #2 Location: Unit A, Section 2, T-14-S, R-33-E, Lazy J Penn Field, Lea County, New Mexico, and hereby waives right of protest.

AMERADA PETROLEUM CORPORATION

BY: Charles C. Stephenson

McGRATH & SMITH, INC.

418 BANK OF THE SOUTHWEST

MIDLAND, TEXAS 79701

February 19, 1969

MUTUAL 3-4661

To Whom It May Concern:

This is to affirm that the undersigned has no objection to McGrath & Smith, Inc. disposing of salt water into the open-hole section between 4117-7413' (San Andres - Clearfork formations) in its Huber State #2 Location: Unit A, Section 2, T-14-S, R-33-E, Lazy J Penn Field, Lea County, New Mexico, and hereby waives right of protest.

TRICE PRODUCTION COMPANY

BY: *C. L. L. L.*



PETROLEUM PRODUCTS

PRODUCING DEPARTMENT-
UNITED STATES
MIDLAND DIVISION
DARRELL SMITH
DIVISION MANAGER

February 28, 1969

PH 12 SS
MAR 5 1969

TEXACO INC.
P. O. BOX 3109
MIDLAND, TEXAS 79701

SALT WATER DISPOSAL
LAZY J PENN POOL
LEA COUNTY, NEW MEXICO

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

Attention: Mr. A. L. Porter, Jr.

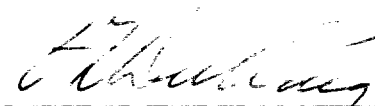
Gentlemen:

Texaco Inc., as offset operator, waives objection to the application of McGrath and Smith Inc. to dispose of salt water by injection into the San Andres and Clearfork formations in their Huber Estate Well No. 2 as described in their application Form C-108 dated February 19, 1969.

Yours very truly,

Darrell Smith

By



V. F. Dullnig
Assistant Division Manager

CLW/pw

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



Halliburton

RM-17591R OIL WELL CEMENTING CO.

RADIOACTIVITY LOG

NATURAL GAMMA RADIATION

INDUCED GAMMA RADIATION

COMPANY RESLER & SHELDON FILE WELL STEELER B # 1 FIELD Langlie-Mattix County Lea State N.M.	COMPANY RESLER & SHELDON		Location
	FILE		1980' from S/L
	WELL STEELER B # 1		660' from E/L
	FIELD Langlie-Mattix		Sec. 20
	COUNTY Lea STATE New Mex		Twp. 23-S
	SEC. 20 TWP. 23-S RGE. 37-E		Rge. 37-E
	SURVEY		GRNG
			Elev. D.F. N.A.
		K.B. N.A.	
		Grd. N.A.	

Log Measured From Drive bushing 9' above Elevation Ground
Drilling Measured From Drive bushing 9' above Elevation Ground
Permanent Datum Ground level Elevation N.A.

Type Log	GAMMA	N. GAMMA		
Run No.	ONE	ONE		
Date	5-10-57	5-10-57		
Footage Logged	3689'	3689'		
Total Depth, Driller	3690'	3690'		
Total Depth, Logged	3679'	3689'		
Type of Fluid in Hole	Oil	Oil		
Fluid Level		260'		
Max. Temp.	95 °F	95 °F	F	F
Neutron Source Strength		400 mg		
Source to Center of Counter	in.	19 in.	in.	in.
Length Meas. Device in	29 in	14 in		
O.D. of Instrument in	3 5/8"	3 5/8"		
Time Constant - sec.	2	2		
Logging Speed Ft. min.	See Remarks			
Neutron Source Code	Gray			
Truck No.	5603			
Recorded by	J. Albright			
Witnessed by	Mr. Sheldon			

CASING RECORD

RUN NO.	SIZE - IN	WT. - LB.	INTERVAL
ONE	5 1/2"		N.A. TO 3690'
			TO
			TO
			TO
			TO

OPEN HOLE RECORD

BIT-SIZE-IN	INTERVAL
7 7/8"	N.A. TO 3690'
	TO
	TO
	TO
	TO

REMARKS: - THIS LOG MADE WITH F.M. EQUIPMENT.

GRNG TOOL # 2036

RECORDED SPOTS ON LEFT INDICATE GR LOGGING SPEED.

CASING COLLARS RECORDED AT TRUE DEPTH.

GAMMA

Depth
&

NEUTRON - GAMMA