



RADIOLOGICAL LOG

COMPANY GORDON S. KNOX & ASSOCIATES
WELL H. T. MATTERN # 1
FIELD EUNICE
COUNTY LEA
STATE NEW MEXICO

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COUNTY LEA STATE NEW MEXICO

Location 1883' FWL 1980' FSL

Other Services.

Sec 30 Top 21-S Rgs 37-E

Permanent Datum Ground Level Elev. 3498
Log Measured from K. H. 15 Ft. Above Perm. Datum
Drilling Measured from Kelly Bushing

Elev. K.B. 3513
D.F. 3512
G.I. 3498

Date	5-11-64	5-11-64
Run No.	One	One
Type Log	Gamma	Neutron
Depth, Griller	6750	6750
Depth, Welox	6751	6754
Bottom Logged Interval	6744	6754
Top Logged Interval	Surf.	Surf.
Type Fluid in Hole	Mud	Mud
Salinity, PPM Cl.	3000	3000
Density	9.0	9.0
Level	160	160
Max. rec. temp., deg. F.	107	107
Operating Rig Time	2-1/2 Hr.	
Recorded By	J.G. Greer	
Witnessed by	Mr. Griffith	

RUN No.	BORE-HOLE RECORD			CASING RECORD		
	Size	From	To	Size	From	To
15"		0	344	13-3/8"	0	344
11"		344	3010	8-5/8"	0	3010
7-7/8"		3010	6750			

NEW MEXICO OIL CONSERVATION COMMISSION

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

OPERATOR Hanson Oil Corporation		ADDRESS P.O. Box 1515, Roswell, New Mexico 88201	
LEASE NAME Mattern	WELL NO. 3-X	FIELD Blinebry	COUNTY Lea
LOCATION UNIT LETTER K ; WELL IS LOCATED 1980 FEET FROM THE South LINE AND 1883 FEET FROM THE West LINE, SECTION 30 TOWNSHIP 21-S RANGE 37-E NMPM.			

CASING AND TUBING DATA

NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
SURFACE CASING	11-3/4"	342'	260	Circulated	
INTERMEDIATE	8-5/8"	3010'	250	1700'	Cut and pulled from 1700'
LONG STRING	5-1/2"	6753'	500		
TUBING	2-3/8"	4300'	NAME, MODEL AND DEPTH OF TUBING PACKER HOWCO R-3 @ 4500'		
NAME OF PROPOSED INJECTION FORMATION San Andres			TOP OF FORMATION 4000		BOTTOM OF FORMATION 5200
IS INJECTION THROUGH TUBING, CASING, OR ANNULUS? Tubing		PERFORATIONS OR OPEN HOLE? Perforations	PROPOSED INTERVAL(S) OF INJECTION 4520-4560'		
IS THIS A NEW WELL DRILLED FOR DISPOSAL? No	IF ANSWER IS NO, FOR WHAT PURPOSE WAS WELL ORIGINALLY DRILLED? Oil & gas production		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 3723 - 3781' (30 sx.) 6656 - 6683 (unknown)					
DEPTH OF BOTTOM OF DEEPEST FRESH WATER ZONE IN THIS AREA Unknown		DEPTH OF BOTTOM OF NEXT HIGHER OIL OR GAS ZONE IN THIS AREA 4000'		DEPTH OF TOP OF NEXT LOWER OIL OR GAS ZONE IN THIS AREA 5194'	
ANTICIPATED DAILY INJECTION VOLUME (BBL'S.) 30	MINIMUM 250	MAXIMUM Open	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 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) Price Candy Co., 2 West 39th St., Kansas City, Missouri 64111					
LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF (1/2) MILE OF THIS INJECTION WELL Gulf Oil Co., P. O. Box 1938, Roswell, New Mexico 88201					
Texaco, Inc., P. O. Box 3109, Midland, Texas 79701					
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.

(Signature)

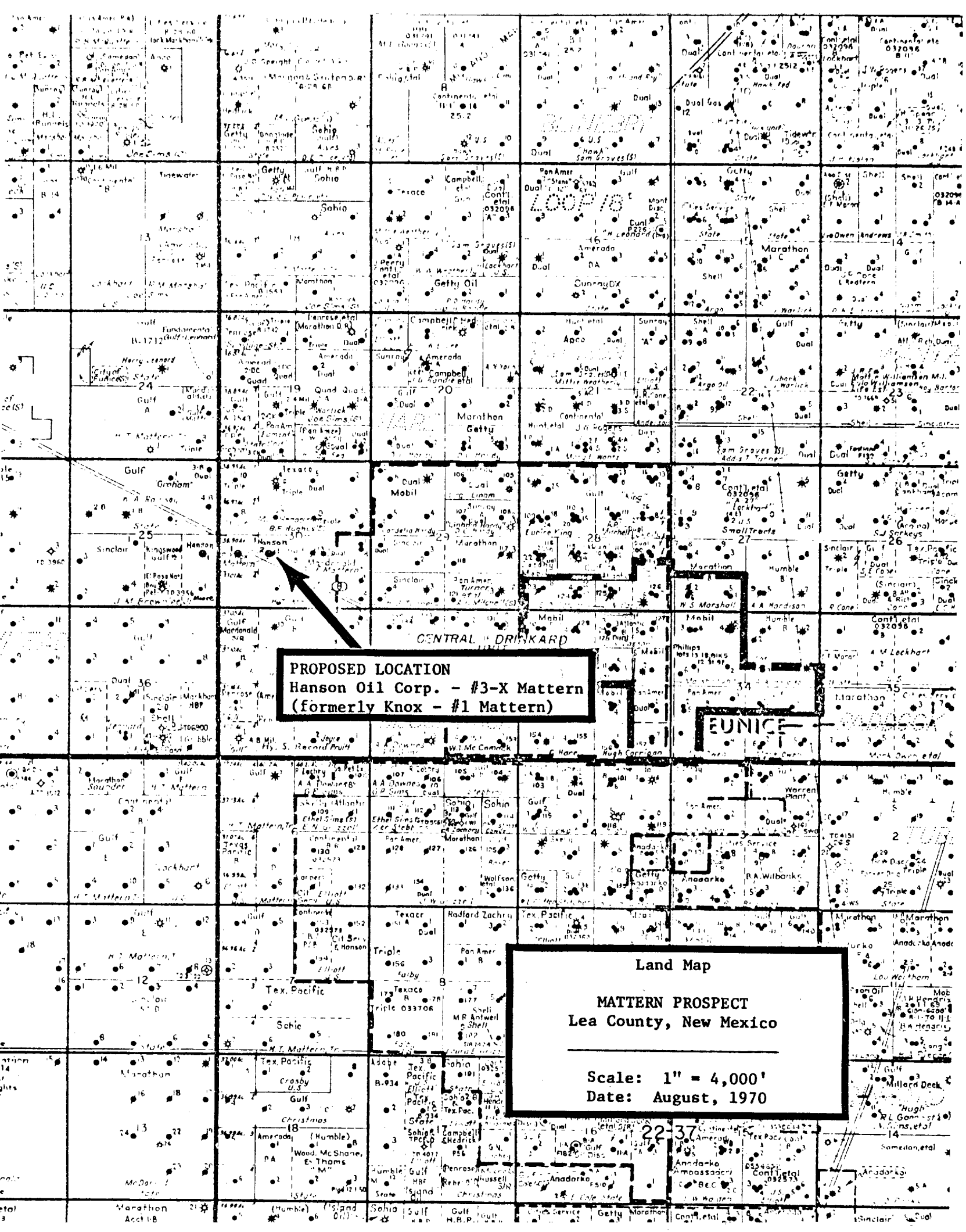
Executive Vice President

(Title)

August 26, 1970

(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.



PROPOSED LOCATION
Hanson Oil Corp. - #3-X Mattern
(formerly Knox - #1 Mattern)

Land Map
MATTERN PROSPECT
Lea County, New Mexico

Scale: 1" = 4,000'
Date: August, 1970

Hanson Oil Corporation - #3-X Mattern
 (Formerly Knox & Assoc. - #1 H. T. Mattern)
 1980' FSL & 1882' FWL
 Lea County, New Mexico

