Budget Bureau No. 42-R355.2.
Approval expires 12-31-52.

Form 9-330

COPY TO O. C. C.

HOBBS

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 064118
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Amon G. Carter Address P. O. Box 1688, Kermit, Texas

Lessor or Tract E. C. Hill Field Teague-Ellenburger State New Mexico

Well No. 5-E Sec. 35 T. 23-S R. 37-E Meridian NMPM County Lea

Location 1980 ft. {N./S.} of N Line and 510 ft. {E./W.} of W Line of Section 35 Elevation 3266 (Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed Roy E. Lauber

Date November 6, 1953 Title Field Manager

The summary on this page is for the condition of the well at above date.

Commenced drilling July 24, 1953 Finished drilling October 23, 1953

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 9,097 to 9,280 No. 4, from to

No. 2, from 9,580 to 9,680 No. 5, from to

No. 3, from to No. 6, from to

IMPORTANT WATER SANDS

No. 1, from to No. 3, from to

No. 2, from to No. 4, from to

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated From—	Perforated To—	Purpose
13-3/8	48#	8	Spang	300	Halliburton	- -	-	-	
9-5/8	32,36&40#	8	Spang	2,910	Halliburton	- -	-	-	
7" OD	23,26&29#	8	Spang	9,718	Halliburton	- -	9,580	9,640	Oil production
							9,650	9,680	" "

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	316	300 sacks + 3% gel	Pump & plug		
9-5/8	2,908	1500 sacks + 3% gel	Pump & plug		
7" OD	9,729	550 sacks + 3% gel&	Pump & plug		
		100 sacks neat			

FOLD | MARK

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set

Adapters—Material Size

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from 0 feet to 9,734 feet, and from feet to feet

Cable tools were used from feet to feet, and from feet to feet

DATES

November 6, 1953 Put to producing October 31, 1953

The production for the first 24 hours was 826 barrels of fluid of which 100 % was oil; No % emulsion; No % water; and No % sediment. Gravity, °Bé. 44.9 @ 60 degrees

If gas well, cu. ft. per 24 hours - - Gallons gasoline per 1,000 cu. ft. of gas - -

Rock pressure, lbs. per sq. in. - -

EMPLOYEES

G. K. Casper, Driller C. L. Orbison, Driller

J. B. Woods, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1070	1070	Red Sand & Shale
1070	1200	130	Anhydrite, Red Sand & Shale
1200	2330	1130	Salt, Anhydrite & Polyhalite
2330	2400	70	Anhydrite & Shale
2400	2912	512	Anhydrite, Lime & Red Sand & Shale
2912	3408	496	Anhydrite, Lime, Shale & Sand
3408	3805	397	Lime, Shale & Anhydrite
3805	4919	1114	Lime
4919	5893	974	Lime & Shale
5893	7030	1137	Lime, Shale & Sand
7030	7895	865	Dolomite & Chert
7895	8085	190	Dolomite, Chert & Shale
8085	8388	303	Dolomite, Lime & Chert
8388	8710	322	Dolomite, Chert
8710	9097	387	Dolomite, Black & Green Shale
9097	9575	478	Sand & Green Shale
9575	9734	159	Dolomite

Top	Anhydrite	1070 (+2198)	Top Tubbs	5893	(-2625)
Top	Salt	1200 (+2068)	Top Devonian	7030	(-3762)
Base	Salt	2330 (+ 938)	Top Silurian	7895	(-4627)
Top	Yates	2400 (+ 868)	Top Fusselman	8085	(-4817)
Top	Penrose	3408 (- 140)	Top Montoya	8388	(-5120)
Top	San Andres	3805 (- 537)	Top Simpson	8710	(-5442)
Top	Glorieta	4919 (-1651)	Top McKee	9097	(-5829)
			Top Ellenburger	9575	(-6307)

(OVER)

16—43094-2

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

16—43094-1 U. S. GOVERNMENT PRINTING OFFICE

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.