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**KERN COUNTY LAND COMPANY**  
(Company or Operator)

**Harvey State**  
Lease)

OIL SANDS OR ZONES

No. 1, from 5996' to 6314' No. 4, from \_\_\_\_\_ to \_\_\_\_\_

No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 5, from \_\_\_\_\_ to \_\_\_\_\_

No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

## IMPORTANT WATER SANDS

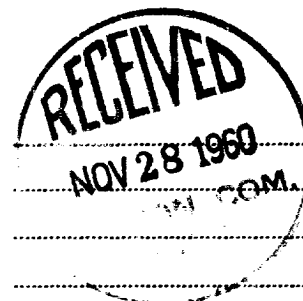
Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.

No. 2, from.....to.....feet.

No. 3, from.....to.....feet.

No. 4, from.....to.....feet.



### CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
8-5/8"	244	New	300'	Guide		None	Surface
4-1/2"	11.6 & 9.54	New	6373'	Guide and Float Collar		* See below	Combination water and oil.

### MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12-1/4"	8-5/8"	300'	155	Plug	9.20/gal.	17.8 bbls. water
7-7/8"	4-1/2"	6373'	250	Plug	9.50/gal.	104 bbls. water

### RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

A. Sand-oil frac \* 6314-6309', 6210-02', 6176-68' using 49,140 gals. crude and 48,000# 20-40 sand. B. Sand-oil frac \* 6114-06', 6098-80', 6066-48', 6034-28', 6024-16' using: Frac #1: 20,440 gals. crude and 22,400# 20-40 sand, Frac #2: 30,400 gals. crude and 27,000# 20-40 sand.

Result of Production Stimulation..... **Results of A.: Backflowed 470 bbls. oil in 11 hrs.**

**Results of B.: Frac #1 sandbed off, Frac #2 backflowed and jetted out 323 bbls. in 15 hrs.**

Depth Cleaned Out.....6340'

# RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

## TOOLS USED

Rotary tools were used from 0' feet to 6375 feet, and from feet to feet.  
Cable tools were used from feet to feet, and from feet to feet.

## PRODUCTION

Put to Producing 11-1, 1960

OIL WELL: The production during the first 24 hours was 26 barrels of liquid of which 100% was oil; % was emulsion; % water; and % was sediment. A.P.I. Gravity 40.5

GAS WELL: The production during the first 24 hours was M.C.F. plus barrels of liquid Hydrocarbon. Shut in Pressure lbs.

Length of Time Shut in

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

### Southeastern New Mexico

T. Anhy.  
T. Salt.  
B. Salt.  
T. Yates.  
T. 7 Rivers.  
T. Queen.  
T. Grayburg.  
T. San Andres.  
T. Glorieta.  
T. Drinkard.  
T. Tubbs.  
T. Abo.  
T. Penn.  
T. Miss.

T. Devonian.  
T. Silurian.  
T. Montoya.  
T. Simpson.  
T. McKee.  
T. Ellenburger.  
T. Gr. Wash.  
T. Granite.  
T.  
T.  
T.  
T.  
T.

### Northwestern New Mexico

T. Ojo Alamo.  
T. Kirtland-Fruitland.  
T. Farmington.  
T. Pictured Cliffs 2656  
T. Menefee.  
T. Point Lookout 4847  
T. Mancos 5060  
T. Dakota Not Reached  
T. Morrison.  
T. Penn.  
T. Gallup at 5996  
T.  
T.

## FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0'	600'	600	Sand w/shale				
600'	950'	350	Shale w/sand				
950'	2300'	1350	Sand w/shale				
2300'	4220'	1920	Shale w/some stringers of sand				
4220'	5060'	840	Sand and shale				
5060'	5996'	936	Shale				
5996'	6375'	379	Shale w/sand				

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records,

Original Signed By

C. J. Eaton

11-1-60

(Date)

Company or Operator

KERN COUNTY LAND COMPANY

Address

226 Petroleum Center Bldg., Farmington, NM