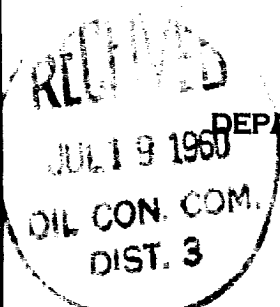
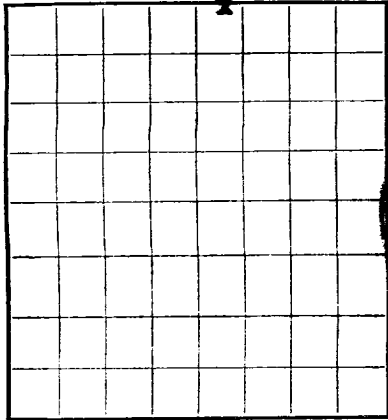


Serial No. 14-20-603-2028

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



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Empire States Drilling Corp Address Box 891, Farmington, N.M.  
Navajo 28 Address Midcat State New Mexico  
Lessor or Tract 15-30-17-1 Field W. 1. 1. 1. State San Juan  
Well No. 990 Sec. 15 T. R. R. 310 Meridian E. County Sec. 15  
Location ft. N. of Line and ft. E. of Line of Elevation 5133  
(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.

Date 7/1/60 Signed M.E. Jackson Title President

The summary on this page is for the condition of the well at above date.  
Commenced drilling June 11, 1960 Finished drilling June 14, 1960

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from None to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

IMPORTANT WATER SANDS

No. 1, from None 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		Purpose
							From—	To—	
5"	14			51'					Surface

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
5"	51'	22	Pump		

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
		None				

TOOLS USED

Rotary tools were used from 1 feet to 846 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

DATES

Put to producing D & A, 19\_\_\_\_  
The production for the first 24 hours was \_\_\_\_\_ barrels of fluid of which \_\_\_\_\_% was oil; \_\_\_\_\_% emulsion; \_\_\_\_\_% water; and \_\_\_\_\_% sediment. Gravity, °Bé. \_\_\_\_\_  
If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_  
Rock pressure, lbs. per sq. in. \_\_\_\_\_

EMPLOYEES

\_\_\_\_\_, Driller Lee Wilson, Driller  
\_\_\_\_\_, Driller \_\_\_\_\_, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	687		Mancos Shale
687	750		Callup Sand
750	832		Tosito Sand
832	846		Sanstee Sand
			360' of black sulphur water entered hole at 751 feet.

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY



Grid for well location: LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company, Address, State, Well No., Location, The information given herewith is a complete and correct report of the work done on this well as far as can be determined from all available records.

The summary on this page is for the condition of the well as above data. Commenced drilling, 19... Finished drilling, 19...

Table for OIL OR GAS SANDS OR ZONES and IMPORTANT WATER SANDS. Columns include No. 1, 2, 3, 4 from... to...

CASING RECORD table with columns: Casing, Weight per foot, Thickness, Slope, Interval, Kind of pipe, and Date.

HISTORY OF OIL OR GAS WELL

MUDGING AND CEMENTING RECORD table with columns: Casing, Where set, Number sacks of cement, Method used, Kind quality, and Amount of mud used.

PLUGS AND ADAPTERS table with columns: Adapter, Material, and Depth set.

SHOOTING RECORD table with columns: Shot, Depth, and Remarks.

WELLS USED table with columns: Well No., Location, and Remarks.

EMULSIONS table with columns: Date, Quantity, and Remarks.

FORMATION RECORD table with columns: FROM, TO, TOTAL FEET, and FORMATION.

Large table for well data with columns: FROM, TO, TOTAL FEET, FORMATION.

FORM 8-329