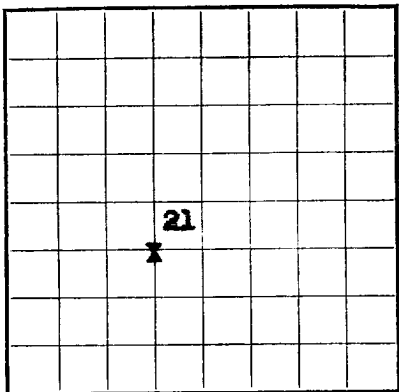


HOBBS

U. S. LAND OFFICE **USGS**

SERIAL NUMBER **NM 0294841**

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **ROY H. SMITH DRILLING CO.** Address **728 First Wichita National Bldg.,**
Lessor or Tract _____ Field **Wichita Falls, Texas** State **New Mexico**

Well No. **1** Sec. **21** T. **26S** R. **36E** Meridian **NMPM** County **Lea County**

Location **1980** ft. **N** of **Southern** line and **1980** ft. **E** of **West** Line of **Sec. 21** Elevation **2934G**
(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 _____

Date **October 24, 1962** Title **Sole owner**

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

Commenced drilling **October 5**, 19**62** Finished drilling **October 18**, 19**62**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from _____ 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 _____ 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—	
8 5/8	24	6	Used	855	T.P. Shoe				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	835	660	Pumped		

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 **3940** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing _____, 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

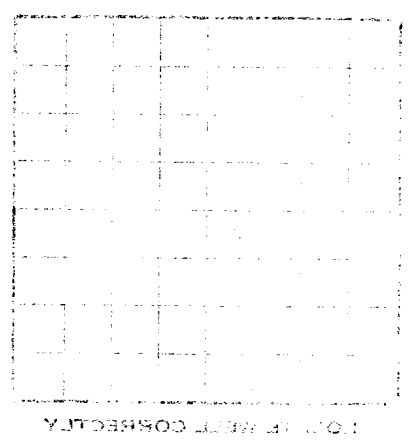
D. G. Knott _____, Driller **L. W. White** _____, Driller
D. A. May _____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
			This well plugged as a dry hole: 3840' - 3940' 2950' - 3050' 800' - 1000' #4 plug in top of surface casing w/4" diameter marker
0	20		Surface Sand
20	520		Redbed
520	725		Water Sand
725	994		Redbed
994	1145		Redbed & Shale
1145	1324		Anhydrite
1324	1855		Anhydrite & Shale
1855	2158		Red Shale
2158	2348		Shale W/Anhydrite Streaks
2348	2461		Anhydrite
2461	2607		Anhydrite W/Shale
2607	2739		Anhydrite, gyp & Shale Streaks
2739	2798		Anhydrite & Gyp
2798	2997		Anhydrite & Lime
2997	3007		Dolomite, very light show
3007	3343		Dolomite
3343	3545		Lime & Dolomite
3545	3645		Lime & Dolomite

LOG ON OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



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.

HISTORY OF OIL OR GAS WELL

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

FROM-	TO-	TOTAL FEET	FORMATION
3645	3940	295	Yates Top 2997' Kansas Top 3920' L.D. J.D.