

U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **NM 049763**
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

FEB 5 1964

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Roy H. Smith Drilling Co. Address 728 1st. Wichita National Bldg.
Wichita Falls, Texas
Lessor or Tract _____ Field Wildcat State New Mexico
Well No. 1 Sec. 20 T. 24S R. 36E Meridian NMPM County Lea
Location 660 ft. NE of N.E. Line and 660 ft. NE of E. Line of Sec. 20 Elevation 4000
(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 H. Smith
Date January 17, 1963 Title Sole owner

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

Commenced drilling November 15, 1962 Finished drilling November 24, 1962

OIL OR GAS SANDS OR ZONES

(Denote g as by G)

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

No. 5, from _____ to _____

No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8	305'	175	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 _____ feet to _____ feet, and from _____ feet to _____ feet

Cable tools were used from 0 feet to 3820 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
			AT THE END OF EMMETT DRILLER'S LOG, AN OIL WELL IN OKLA. STATE WHETHER FROM ANY SAMPLES. This well filled with 10# mud and temporary marker set at top of surface. Humble to at a later date. Surface Sand Red bed Red bed w/ anhydrite streaks Anhydrite Red bed and anhydrite streaks Salt and Anhydrite Anhydrite Salt Anhydrite and Gyp Anhydrite Anhydrite and dolomite Dolomite Lime
0	20		
20	465		
465	1090		
1090	1361		
1361	1792		
1792	3290		
3290	3315		
3315	3416		
3416	3514		
3514	3577		
3577	3590		
3590	3762		
3762	3820		
		TD	

[OVER]

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