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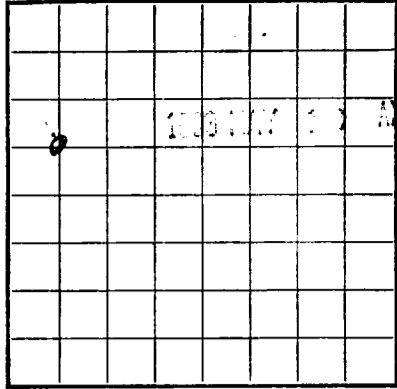
Santa Fe U. S. LAND OFFICE

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT

MAY 1 1963

U. S. DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY



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 Smith Federal ADX Field South Corbin State New Mexico
Well No. 1 Sec 27 T. 188 R. 33E Meridian N.M.P.M. County Lea
Location 1980 ft. [N. S.] of Line and 660 ft. [E. W.] of Line of Section 27 Elevation 3803 OL (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 Betty Wolford Betty Wolford Agent Date May 7, 1963 Title Agent

The summary on this page is for the condition of the well at above date. Commenced drilling April 8, 1963 Finished drilling April 29, 1963

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

Table with columns: Size casing, Weight per foot, Threads per inch, Make, Amount, Kind of shoe, Cut and pulled from, Perforated (From, To), Purpose.

MUDDING AND CEMENTING RECORD

Table with columns: Size casing, Where set, Number sacks of cement, Method used, Mud gravity, Amount of mud used.

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set
Adapters—Material Size

SHOOTING RECORD

Table with columns: Size, Shell used, Explosive used, Quantity, Date, Depth shot, Depth cleaned out.

TOOLS USED

Rotary tools were used from 0 feet to 5000 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

DATES

Put to producing 1963
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

H. E. Lowe, Driller L. W. White, Driller

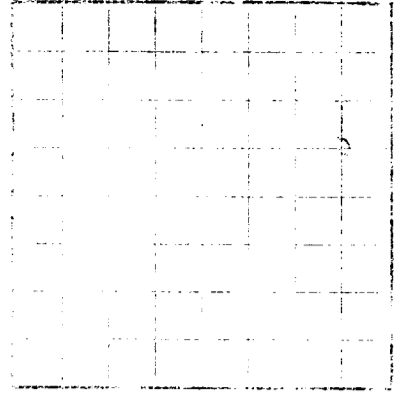
FORMATION RECORD

Table with columns: FROM, TO, TOTAL FEET, FORMATION. Lists geological layers like Surface Sand and Caliche, Red Shale and Sand, Anhydrite, Salt, etc.

FOLD MARK

Blinded
Blinded
Blinded
Blinded
Blinded

UNION STATE
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOG OF OIL OR GAS WELL

This well plugged as a dry hole.
Part of core No. 2 (Queen sand, 4219-4271) analysed by Durrell Smith Company. Final analysis will be forwarded to U.S.G.S. Arizala office.
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HISTORY OF OIL OR GAS WELL

Core	Total Feet	Formation
Top of Ruelter Anhydrite	1418	
Top of Salt	1535	
Top of Salt	2833	
Top of Yates Sand	3010	
Top of Queen Sand	4225	
Top of Renoso Sand	4486	
Top of San Andres	5094	
Top of Lovington Sand	5205	
	16	Dolomite, white, no show
	6	Sand, white, no show
	6	Dolomite
	16	Sand, white, no show
	4	Sand, white, no show
	6	Dolomite
	8	Sand, white, no show
	8	Dolomite
	97	Sand, white, no show
	2	Dolomite, hard, sandy, no show
	42	Dolomite, traces fracture porosity & oil show
	9	Dolomite, hard, no show
	8	Sand, very fine, gray, dolomite, slightly porous, no show
	16	Dolomite, no show
	16	Sand, fine, gray, silty, no show