Form 9-330

Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

U. S. Land Office New Mexico
Serial Number NM 02812
Lease or Permit to Prospect

NOTED
AUG 31 1960
STANDLEY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
AUG 31 1960
U. S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company Gackle Drilling Company, Inc. Address Box 2076, Hobbs, New Mexico

Lessor or Tract Federal-Yates Field Wildcat State New Mexico

Well No. 1 Sec. 19 T. 9S R. 32E Meridian NMPM County Lea

Location 660 ft. {N./S.} of N Line and 660 ft. {E./W.} of E Line of 19 Elevation 4447 (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 R. J. Montgomery

Date August 24, 1960 Title Agent

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

Commenced drilling August 16, 1960 Finished drilling August 21, 1960

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from No shows 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 No shows 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 From—	Perforated To—	Purpose
8 5/8	24	8rd		256'	Texas Patterns				Surface

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	256'	200 circ.	P & P with one centralizer		

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 3085 feet, and from feet to feet

Cable tools were used from feet to feet, and from feet to feet

DATES

August 23, 1960 Put to producing 19

The production for the first 24 hours was P & A 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

M. L. Southerland, Driller Roy Solomon, Driller

W. J. Botkin, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	190	190	Sand and Shale
190	1730	1540	Red Shale
1730	2175	445	Salt and Anhydrite
2175	2265	90	Anhydrite & Salt
2265	2375	110	Shly Sand & Anhydrite
2375	2960	585	Red Shale & Anhydrite
2960	2970	10	Red Sand
2970	3085	115	Red Shale, Anhydrite Salt
			T Anhydrite 1730
			T Yates 2268
			T Seven Rivers 2462
			T Queen 2958

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FOLD | MARK

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
0	10	10	Sand and Shale
10	190	180	Red Shale
190	1130	940	Salt and Anhydrite
1130	2112	982	Anhydrite & Salt
2112	2282	170	Shly Sand & Anhydrite
2282	2312	30	Red Shale & Anhydrite
2312	2360	48	Red Sand
2360	2472	112	Red Shale, Anhydrite & Salt
			T Anhydrite 1130
			T Yates 2282
			T Seven Rivers 2485
			T Queen 2828

HISTORY OF OIL OR GAS WELL

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, material used, position, and results of pumping or bailing.

Drilled to 3035 with Rotary Bit and Cored from 3035 to 3085.

Recovered 50' being Red Sandy Shale, Red Shaly Sand, Anhydrite, and Salt. No Shows. Attempted 2 DST's with packer at 2910 again @ 2940. Packers failed. Attempted 3rd. DST with 2 packers set at 2942 and 2937. Packers again failed. Attempted the 3 DST's to satisfy partners for no shows of oil or gas were encountered.