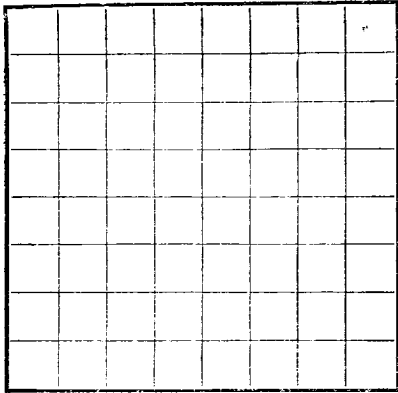




LOCATE WELL CORRECTLY

U. S. LAND OFFICE **New Mexico**
SERIAL NUMBER **NM 04465**
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **J. B. Palmer & A. G. McCarver** Address **1004 V & J Tower, Midland, Texas**
Lessor or Tract **Federal-James #1** Field **Wildcat** State **New Mexico**
Well No. **1** Sec. **35** T. **23S** R. **32E** Meridian **NMP** County **Lea**
Location **660** ft. **XX** of **N** Line and **660** ft. **XX** of **E** Line of **Sec. 35** Elevation **3665 GL**
(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 **Hulen Lemon**

Date **February 15, 1961** Title **Drilling Superintendent**

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

Commenced drilling **January 26**, 19**61** Finished drilling **February 10**, 19 **61**

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from **5062'** to **5075'** 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—	
8 5/8	24.4	8	Nat'l	307'	Halliburton				
4 1/2	9.54	8	Nat'l	5159'	Larkin		5062	5066	oil

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	309 GL	150	Pump Truck		
4 1/2	5159 GL	200	Pump Truck		

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 **5200** feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

DATES

, 19 Put to producing **February 14**, 19 **61**
The production for the first 24 hours was **60** barrels of fluid of which **97** % was oil; %
emulsion; **3** % water; and **3** % sediment. Gravity, °Bé. **41**
If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas
Rock pressure, lbs. per sq. in.

EMPLOYEES

J. J. Richardson, Driller **A. Usery**, Driller
John Evans, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1200	1200	Surface gravels, clays and sands
1200	3600	2400	Anhydrite and red beds
3600	4170	570	Anhydrite
4170	4370	200	Salt
4370	4470	100	Anhydrite
4470	4760	290	Salt
4760	5005	245	Anhydrite and lime
5005	5060	55	Gr. sandy shale
5060	5200	140	Gr. sand with some shale streaks
GEOLOGIC TOPS			
1220'			Rustler
4162'			Top of salt
4759'			Base of salt
5005'			Lamar lime
5060'			Delaware sand

FORMATION RECORD—Continued

[illegible]

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 pillars or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.