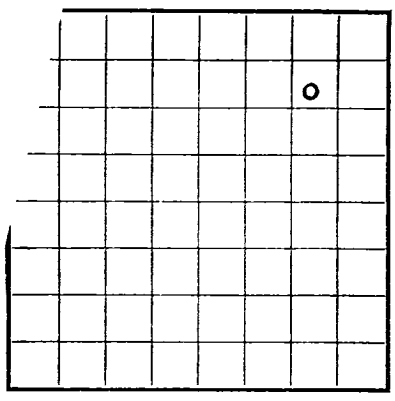
9-330

Budget Bureau No. 42-R-355.3.
Approval expires 12-31-55.

U. S. Land Office Santa Fe
Serial Number NM 03356
Lease or Permit to Prospect



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

406 East San Antonio St.

Company JAMES E. ROGERS Address El Paso, Texas

Lessor or Tract James E. Rogers Field Tapacitos State New Mexico

Well No. 1 Sec. 16 T. 25N R. 3W Meridian NM PM County Rio Arriba

Location 790 ft. {N./S.} of N. Line and 790 ft. {E./W.} of E. Line of Sec. 16 Elevation 7247 (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 James E. Rogers By J. Felix Hardman, Agent

Date 7/7/58 Title Operator

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

Commenced drilling 6/4/58, 19 Finished drilling 6/14/58, 19

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 3726 to 3748 G/ 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 From—	Perforated To—	Purpose
8-58"	24	PE	CFI	131.43					Surface
5½"	14	~~8Rd~~	"	3778	Halliburton		3712	3740	Producing
2-3/8"		8Rd	"	3755					Tubing

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-58"	~~13~~ 131.43	150 Sacks	Circulated		
	~~3778~~	~~100 Sacks~~	~~Single Stage~~ 9.6		

MARK

FOLD

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 3822 feet, and from ____ feet to ____ feet

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

Complete 6-16-58

DATES

~~Spudded June 1st~~, 19 ~~58~~ 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 5,907 MCF Gallons gasoline per 1,000 cu. ft. of gas ____

Rock pressure, lbs. per sq. in. ~~1060~~

EMPLOYEES

Empire States Drilling Co., Driller ____, Driller

____, Driller ____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2600	2600	Interbedded ss and shale
2600	2730	130	Ojo Alamo ss. White cr-gr sand.
2730	3370	640	Kirtland form. Gry sh interbedded w/tight gry fn-gr ss.
3370	3726	356	Fruitland form. Gry Carb sh. scattered coals, coals & gry. tight, fn-gr ss.
3726	3822	96	Pictured Cliffs form. Gry. fn-gr tight, vari-colored soft ss.

[OVER]

16—43094-3

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

HISTORY OF OIL OR GAS WELL

16—48094-2 U. S. GOVERNMENT PRINTING OFFICE

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.

6/13/58 Total depth 3822. Plugged back set 5½ in. casing at 3778. Perforated Pictured Cliff Formation from 3732 to 3740., Four shots per foot; Fractured Pictured Cliff Formation with 30,000 lbs. sand, 40,000 gals of water. Breakdown pressure 1700 lbs., Treating pressure 1100 lbs., I.R. 47 BPM; dropped 20 rubber balls half way through treatment.

LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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FORM 9-330