COPY TO O. C. C. NOTED

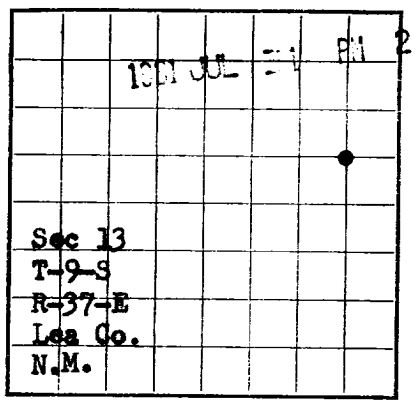
HOBBS JUL 28 1961

STANDLEY

Form 9-330

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

U. S. LAND OFFICE Hobbs, N. M.
SERIAL NUMBER 067693
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Western Drilling Company Address P.O. Box 1428, Odessa, Texas

Lessor or Tract Toles Federal Field Sawyer San Andres State New Mexico

Well No. 1 Sec. 13 T. 9-S R. 37E Meridian NMPM County Lea

Location 1980 ft. {N. / S.} of N Line and 660 ft. {E / W.} of E Line of Sec 13 Elevation 3979 (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 J. D. Henderson

Date July 25, 1961 Title Partner

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

Commenced drilling June 29, 19 61 Finished drilling July 16, 1961

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 4918' to 4936' G No. 4, from to

No. 2, from 4947' to 4973' G 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 5/8	24#	8rd	Youngst	378'	Baker				Surface Csg
4 1/2	10.5#	8rd	Youngst	4982'	Halliburton		4918	4936	Oil String
							4948	4960	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	378	300	B.J. Service	Natural	Natural
4 1/2	4982	400	Halliburton	9.8	Brine Water

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 4982' feet, and from feet to feet

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

DATES

July 25, 19 61 Put to producing Shut in, 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 550,000 Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. 1375

EMPLOYEES

J. F. Cookston, Driller D. L. Price, Driller

A. L. Kutin, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
11'	1900'	1889	Red Bed
1900'	2445'	545	Anhydrite & Gyp
2445'	2730'	285	Anhydrite, Sand & Salt
2730'	3905'	1175'	Anhydrite
3905'	4347'	442	Lime
4347'	4435'	88	Dolomite
4435'	4520'	85	Lime
4520'	4982'	462	Dolomite

[OVER]

16—43094-4

FOLD | MARK

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

16—43094-2 U. S. GOVERNMENT PRINTING OFFICE

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