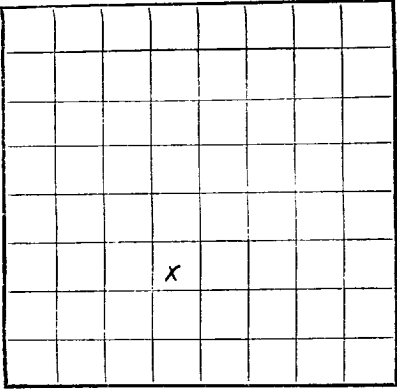


Form 9-339

Santa Fe
U. S. LAND OFFICE
LC-061144-A
SERIAL NUMBER
LEASE OR PERMIT TO PROSPECT



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY
Company **L. R. French, Jr.** Address **Box 591, Odessa, Texas**
Lessor or Tract **Perry Federal** Field **North Lynch** State **New Mexico**
Well No. **1** Sec. **22** T. **20-S** R. **34E** Meridian **NMPN** County **Lea**
Location **1650** of **S** Line and **2310** ft. of **E W** Line of **Sec. 22** Elevation **3654'**
(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.
Original Signed By **L. N. Dunnivant**
Signed _____
Date **August 2, 1962** Title **Production Superintendent**

The summary on this page is for the condition of the well at above date.
Commenced drilling **June 27**, 19**62** Finished drilling **July 13**, 19**62**

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

No. 1, from **3581** to **3765**
No. 2, from _____ to _____
No. 3, from _____ to _____
No. 4, from _____ to _____
No. 5, from _____ to _____
No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____
No. 2, from _____ to _____
No. 3, 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 1/2	8rd	J&L	1650	Halliburton				Surf Csg.
4-1/2	9.5	8rd	J&L	3763'	Halliburton	3581	3708		Oil String
						3720	3765		

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	1650	440 (50% excess)	Pmp & Plug	None	
4-1/2	3789	598	Pmp & Plug	None	

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 _____ feet to **3832** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

August 2, 19**62** Put to producing **7-26**, 19**62**
The production for the first 24 hours was **59** barrels of fluid of which **80** % was oil; _____ % emulsion; **20** % water; and _____ % sediment. Gravity, °Bé. **33**
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. P. Brown, Driller **J. N. Pettigrew**, Driller
J. W. Cook, Driller **Gene Hix**, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	157	157	Surface Rock & Red Bed.
157	1634	1477	Red Bed & shale.
1634	1650	16	Anhydrite
1650	1900	250	Lime & Shale
1900	3402	1502	Anhydrite & Salt
3402	3565	163	Anhydrite & Lime.
3565	3693	128	Anhydrite & Gyp
3693	3762	69	Dolomite & Gyp
3762	3832 TD	70	Lime.
		TX 3512'	T/ Yates

FROM—	TO—	TOTAL FEET	FORMATION
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—01

TOTAL FEET

FORMATION

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.

8-5/8", 24#, J-55 set @ 1650'. Cmt'd w/440 sks 4% gel which is 50% excess per USGS requirements. Did not circ. Gravel packed to surf. WOC 24 hrs. Press tested w/1000# - Held O.K.

4-1/2", 9-1/2", 9-55 set @ 8789'; Cmtd w/598 sks Top of Cmt @ 1592'; WOX 24 hrs. Press tested to 1000#. Held O.K.

JULY 17: 3754-65', 3740-48', 3730-34', 3720-27', Acidized w/ 1250 gals MA Fraced w/7500 gals ref oil plus 15,000# of sand.

July 20: 3708-3694, 3678-85, 3665-72, 3630-46, 3581-86, Acidized w/750 gals MA Fraced w/21,000 gals ref oil plus 42,000# sand.

July 24: Presently swabbing back load 011.

Core No. 1 from 3402-3406'. Cut & rec 4' of wh. anhyd. w/red shale str.
Core No. 2 from 3406-3458'. Cut & 52' and rec 50' - lost 2' - Anhydrite & dolo.
Core No. 3 from 3458-3510'. Cut 52' and rec 51'. Anhyd. and dolo.
(Core Analyses Attached).

(Core Analyses Attached).

HISTORY OF OIL OR GAS WELL