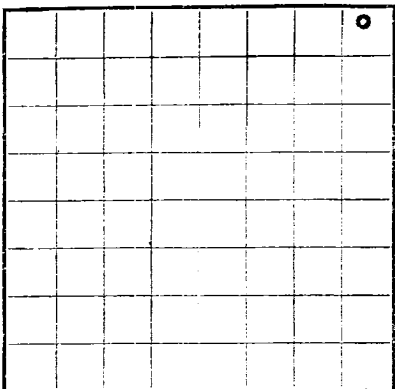


U. S. LAND OFFICE **Los Cruces, N.M.**

SERIAL NUMBER **063977**
LEASE OR PERMIT TO PROSPECT **063977**



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **I. W. LOVELADY** Address **Box 3468, Odessa, Texas**
Lessor or Tract **Texaco-Federal** Field **Jal-Mat** State **New Mexico**
Well No. **1** Sec. **19** T. **23S** R. **36E** Meridian **N M P M** County **Lea**
Location **330** ft. **XX** of **N** Line and **330** ft. **XX** of **E** Line of **Section 19** Elevation **3463**
(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 **[Signature]**

Date **February 12, 1960** Title **Production Superintendent**

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

Commenced drilling **December 9**, 19**59** Finished drilling **December 20**, 19**59**

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

No. 1, from **3677** to **3684** **Wtr.** No. 4, from _____ to _____
No. 2, from **3709** to **3738** **"** No. 5, from _____ to _____
No. 3, from **3776** to **3792** **"** 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		Purpose
							From—	To—	
8 5/8	24	3	Long Star	397	Tex Pat.	Left in hole			
4 1/2	9.5	4	Inc	3827	Guide & Float	3328	3728	3738	Test water
							3781	3791	Test water

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	397	325	Halliburton	95# 40 Vls.	50 sax Jal 4 Line
4 1/2	3827	100 Incor	"	10.3# 36 Vls.	

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 **3827** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

December 26, 19**59** Put to producing **Dry**, 19____
The production for the first 24 hours was **None** barrels of fluid of which **0**% was oil; **0**% emulsion; **100**% water; and **0**% 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

R. J. Vaught, Driller **L. C. Finley**, Driller
H. West, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	265	265	Caliche, Sand & Shale
265	1618	1353	Red Bed & Shells
1618	1842	224	Anhydrite
1842	3450	1609	Salt & Anhydrite
3450	3560	110	Anhydrite & Lime
3560	3663	103	Broken Dolomite & Sand
3663	3686	23	Sand
3686	3708	22	Dolomite
3708	3739	31	Sand
3739	3775	36	Broken Dolomite & Sand
3775	3792	17	Sand
3792	3827 TD	35	Broken Dolomite & Sand

FROM—	TO—	TOTAL FEET	FORMATION
1500	1500	0	Top Anhydrite
1500	1500	0	Base Salt
1500	1500	0	Top Brown Lime
1500	1500	0	Top Yates
1500	1500	0	Total Depth
1500	1500	0	3607
1500	1500	0	3476
1500	1500	0	3446
1500	1500	0	1618

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.

LOG OF OIL OR GAS WELL

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
WASHINGTON, D. C.

WELL NO. 1
SECTION 10, T. 10 N., R. 10 E., S. 10 W.
COUNTY OF 10, STATE OF 10
10-10-10