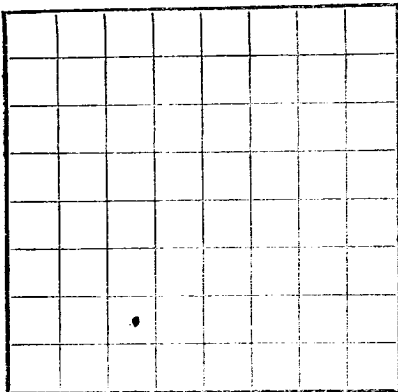


Form 9-330

U. S. LAND OFFICE

SERIAL NUMBER **LC 062391**

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

RECEIVED

APR 24 1961

U. S. GEOLOGICAL SURVEY
ALBUQUERQUE, NEW MEXICO

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

RECEIVED
APR 25 1961

U. S. LAND OFFICE

LOG OF OIL OR GAS WELL

Company **James P. Dunigan** Address **415 Citizens Nat'l Bnk., Abilene, Tex.**
Lessor or Tract **Carper-Wyatt Federal** Field **Corbin Abo** State **New Mexico**
Well No. **4** Sec. **34** T. **17S** R. **33E** Meridian County **Lea**
Location **990** ft. **N** of **S** Line and **1700** ft. **E** of **W** Line of **Sec. 34** Elevation **4095**
(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

Date **4-20-61**

Title **Superintendent**

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

Commenced drilling **2-24-, 1961** Finished drilling **4-8-, 1961**

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

No. 1, from **8566** to **8945** 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		Purpose
							From—	To—	
11 3/4 32	8 Rd.	8 Rd.	Archer	314	Plug	Surface			Surface
8 5/8 24 28	8 Rd.	8 Rd.	L. S.	3100	Hall.				Intermediate
4 1/2 9.5 & 11.6	8 Rd.	8 Rd.	CF&I	8945'	Hall.				Oil String

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
11 3/4 314		275 sacks	Pump & Plug		Cement circulated
8 5/8 3100		1050 sacks	Pump & Plug		
4 1/2 8945		1675 sacks	Pump & Plug		

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 **Surface** feet to **8945** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

4-20-19-61 Put to producing **4-15-19-61**
The production for the first 24 hours was **831** barrels of fluid of which **100**% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. **38.2**
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1466	1466	Sand & Shale
1466	2875	1409	Anhydrite & Salt
2875	3405	530	Sand Shale & Anhydrite
3405	3995	590	Dolomite & Anhydrite
3995	4045	50	Sand
4045	6560	2515	Dolomite & Chert
6560	8498	1938	Dolomite & Black Shale
8498	8566	68	Dolomite & Green Shale
8566	8945	379	Dolomite
			Rustler 1466
			Yates 3875
			Queen 3995
			Glorietta 6560
			Abo Shale 8'
			Abo Reef

