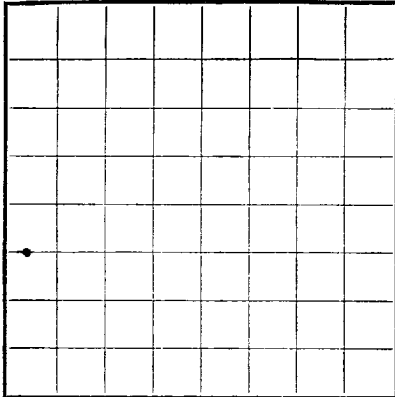




LOCATE WELL CORRECTLY

U. S. LAND OFFICE

SERIAL NUMBER **NM 04242**

LEASE OR PERMIT TO PROSPECT

RECEIVED UNITED STATES **RECEIVED**

OCT 17 1960

OCT 20 1960

DEPARTMENT OF THE INTERIOR
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICOO. C. C.
ARTESIA, OFFICE**LOG OF OIL OR GAS WELL**

Company **James P. Dunigan** Address **810 Citizens National Bank Bldg. Abilene, Texas**
Lessor or Tract **Denius-- Federal** Field **Corbin Abo Reef** State **New Mexico**
Well No. **4** Sec. **34** T. **17S** R. **33E** Meridian County **Lea**
Location **1980** ft. **N.** of **S** Line and **330** ft. **E.** of **N.** Line of **Sec. 34** Elevation **4126**
(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 **October 5, 1960**Title **Superintendent**

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

Commenced drilling **8-14**, 1960 Finished drilling **9-26**, 1960

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **8600** to **9125** 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—	
13 3/8	48	8 Rd.	L.S.	312	Tex Patt.				Surface
8 5/8	24.32	8 Rd.	L.S.	4217	Hall.				Intermediate
4 1/2	11.60	8 Rd.	L.S.	9124	Hall.				Oil String

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13 3/8	312	340	Pump & plug		Cmt. circulated
8 5/8	4217	1450	Pump & plug		Top cement 1350
4 1/2	9124	250	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 **9125** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

October 6, 19**60** Put to producing **Oct 4**, 19**60**

The production for the first 24 hours was **1080*** barrels of fluid of which **100**% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. **38.7**

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

*Calculated flow based on 8 hour test.

_____, Driller
_____, Driller
_____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1442	1442	Sand & Shale
1442	2793	1351	Anhydrite & Salt
2793	3220	427	Sand, Shale & Anhydrite
3220	3856	636	Dolomite & Anhydrite
3856	3900	44	Sand
3900	4700	800	Dolomite & Sand
4700	6355	1655	Dolomite
6355	7150	795	Dolomite & Chert
7150	7450	300	Dolomite & Sand
7450	8250	800	Dolomite & Grey Shale
8250	8600	350	Dolomite & Green Shale
8600	9125	525	Dolomite
			Tops:
			Rustler 1442
			Yates 2793
			Queen 3855
			Gloretta 6355
			Abo 8250
			Abo Reef 8600

[OVER]

16-43094-4

AT THE END OF COMPLETE DRILLER'S
LOG, ADD GEOLOGIC TOPO. STATE
WHETHER FROM EL OR SAMPLES.

SECRET

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE

FORMATION RECORD—Continued