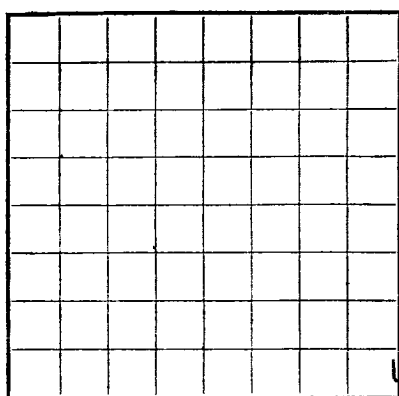


U. S. LAND OFFICE **Las Cruces**SERIAL NUMBER **06407**

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED

MAY 19 1961

U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

RECEIVED

MAY 23 1961

O. C. C.
ARTESIA, OFFICE

LOG OF OIL OR GAS WELL

Company **Bob Dean, Ltd.** Address **W. Pickett, 909 Midland Savings Bldg**Lessor or Tract **So. Union Federal** Field **Undesignated** State **New Mexico**Well No. **3** Sec. **1** **T16-S 80-E** Meridian **NMPM** County **Eddy**Location **3630 ft. [N.] of S. Line and 2310 ft. [E.] of E. Line of Sec. 1** Elevation **3949**
(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 **May 17, 1961**Title **Agent**

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

Commenced drilling **April 9,** 19 **61** Finished drilling **May 10**, 19 **61**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **3046** to **3066** 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 **2366** to **2380** 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	11	3088	3088	Guide	3088			Water
4-1/2	13	11	3088	3088					
HISTORY OF OIL OR GAS WELL									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	489'	50	Pump & Plug	10#	Mud to surf.
4-1/2	3088'	130	" "	9#	" " "

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 _____ feet, and from _____ feet to _____ feet

Cable tools were used from **0** feet to **3088** feet, and from _____ feet to _____ feet

DATES

_____ **May 17**, 19 **61** Put to producing _____ **May 12**, 19 **61**The production for the first 24 hours was **145** barrels of fluid of which **0**% was oil; **0**% emulsion; **0**% water; and **0**% sediment. Gravity, °Bé. **36**

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____ **Collier Drilling Company** Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	460	460	Red beds & gravel
460	522	62	Anhydrite & dolomite
522	1364	842	Salt
1364	1518	154	Anhydrite, red beds
1518	1573	55	Gray sand, red sand, shale
1573	2305	732	Anhydrite, gray & red shales, dolomite
2305	2517	212	Red & gray sand, black shale, anhydrite
2517	2703	186	Gray sand, red sand, anhydrite
2703	2788	85	Red sand, shale, anhydrite, dolomite
2788	2989	201	Gray & red sands, dolomite, anhydrite
2989	3013	24	Gray sand
3013	3088	75	Dolomite
			T.D.

FROM—

TO—

TOTAL FEET

FORMATION

