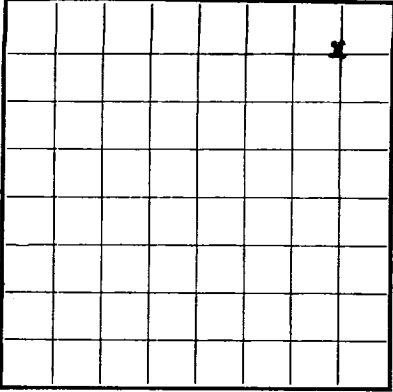


U. S. LAND OFFICE **Las Cruces**

SERIAL NUMBER **LC 067260A**

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company W. H. Black et al Address Box 174, Midland, Texas  
Lessor or Tract Federal Kelly Field Wildcat State New Mexico  
Well No. 1 Sec. 31 T. 19S R. 30E Meridian NMPM County Eddy  
Location 660 ft. S. of N. Line and 660 ft. W. of E. Line of Section 31 Elevation 3321  
(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 6-8-56 Title Agent

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

Commenced drilling 4-29-, 1956 Finished drilling 5-15-, 1956

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1685 to 1700 (Show) No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from 1707 to 1712 (Show) No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

IMPORTANT WATER SANDS

No. 1, from 197 to 205 No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from 1720 to 1795 (Sulphur Water) 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	8		405	T.P.	385			Conductor

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	405	10 Sacks	Pump		

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 1795 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

DATES

Put to producing \_\_\_\_\_, 19\_\_\_\_  
The production for the first 24 hours was dry barrels of fluid of which \_\_\_\_\_% was oil; \_\_\_\_\_% emulsion; \_\_\_\_\_% water; and \_\_\_\_\_% 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

\_\_\_\_\_, Driller \_\_\_\_\_, Driller  
\_\_\_\_\_, Driller \_\_\_\_\_, Driller  
J. C. Clower (Contractor), Driller

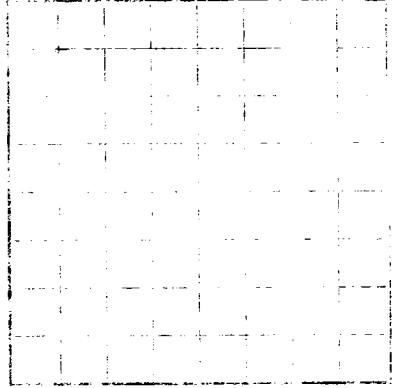
FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
0	40	40	Red Bed
40	105	65	Gypsum & Red Bed
105	130	25	Gyp & Red Shale
130	160	30	Sandy Shale & Lime
160	180	20	Gray Shale
180	205	25	Lime
205	230	25	Blue Shale & Lime
230	250	20	Red Bed
250	360	110	Blue & Red Shale
360	373	13	Red Rock
373	405	32	Salt
405	410	5	Salt & Anhydrite
410	545	135	Salt
545	600	55	Anhydrite
600	1280	680	Salt (Bottom of Salt)
1280	1295	15	Hard Lime
1295	1310	15	Anhydrite & Brown Lime
1310	1365	55	White Lime
1365	1400	35	Brown Lime
1400	1450	50	White Lime
1450	1470	20	Brown Lime
1470	1510	40	Gray Lime
1510	1585	75	Lime & Red Shale Break
1585	1600	15	Gray Lime
1600	1644	44	Dark Sandy Lime
1644	1700	56	Gray Lime

FOLD MARK

NAME OF WELL  
STATE OF  
COUNTY OF

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY



LOG OF OIL OR GAS WELL

Address of well owner  
Name of well  
State of  
County of  
Township of  
Range of  
Section of  
The information given in this log is a complete and correct record of the well and all work done thereon from the date of its completion to the date of the last entry hereon. It is to be used as a basis for determining the ownership of the well and the rights of the parties interested therein.

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of reworking, together with the reasons for the work and its results. If there were any changes made in the casing, state 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 balling.

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 reworking, together with the reasons for the work and its results. If there were any changes made in the casing, state 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 balling.

SHOOTING RECORD

DATE	TIME	QUANTITY	RESULTS
12	12:00	1750	1000
12	12:30	1760	1200
15	1:00	1775	1400
15	1:30	1780	1600
15	2:00	1795	1800

TOOLS USED

Tools used in the well, including size and quantity.

PLUGS AND BRIDGES

Details of plugs and bridges used, including material and position.

REWORKING AND CHANGING RECORD

Details of reworking and changes made to the well.

FORMATION RECORD

Details of geological formations encountered during drilling.

DATE

Timeline of key events and observations.

BARREL OF RES

Details of barrel measurements and results.

DRILLER

Name and details of the person who drilled the well.

FORMATION RECORD

Summary of geological formations.

TOTAL FEET

Total depth of the well in feet.

TO

Depth in feet from the surface.

FROM

Depth in feet from the surface.

FORMATION

Geological formation details.

FORMATION

Geological formation details.

FORMATION

Geological formation details.

FORMATION

Geological formation details.

FORMATION

Geological formation details.