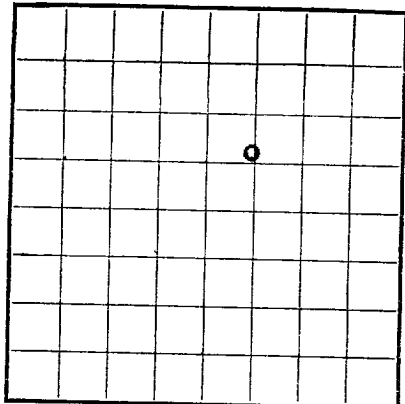


U. S. LAND OFFICE **New Mexico**SERIAL NUMBER **LC 068085**

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **HILL & MEEKER & AMBASSADOR OIL CORP.** Address **519 Midland Savings Bldg.**
Lessor or Tract **Matthews Federal** Field **Wildcat** State **New Mexico**
Well No. **One** Sec. **11** T. **23S** R. **32E** Meridian **N.M.P.M.** County **Lea**
Location **1980 ft. N. of N. Line and 1980 ft. E. of E. Line of Sec. 11.** Elevation **3727**
(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.

Date **April 20, 1961** Signed **[Signature]** Title **Production Clerk**

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

Commenced drilling **April 8, 1961** Finished drilling **April 16, 1961**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **Surface** to **6'** No. 4, from **Surface** to **6'**

No. 2, from **6'** to **1000'** No. 5, from **1000'** to **1000'**

No. 3, from **1000'** to **1000'** No. 6, from **1000'** to **1000'**

IMPORTANT WATER SANDS

No. 1, from **Surface** to **1000'** No. 3, from **1000'** to **1000'**

No. 2, from **1000'** to **1000'** No. 4, from **1000'** to **1000'**

GASING RECORD

HISTORICAL RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
7"	386	175	U.S.	376	Hall	None	None	None	Surface csg.
HISTORICAL RECORD									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7"	386	175	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 **0** feet to **5085** feet, and from _____ feet to _____ feet

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

DATES

_____, 19____ Put to producing _____, 19____

The production for the first 24 hours was _____ 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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	30	30	Surface sand & caliche
30	790	760	Red Sand & shale
790	1070	280	Anhydrite
1070	1195	125	Shale, sand & gravel
1195	3525	2330	Salt and anhydrite
3525	3975	450	Anhydrite
3975	4210	235	Salt
4210	4330	120	Anhydrite
4330	4660	330	Salt
4660	4930	270	Anhydrite
4930	4965	35	Black Shale
4965	4973	8	Brown Lime
4973	4980	7	Shaley Sand
4980	4985	5	Brown Lime
4985	4998	13	Shaley Sand
4998	5085	87	Sand and Shale

GEOLOGICAL TOPS

Top of Salado 1195
Base of salt 4660
Top of Lamar 4930
Delaware Sand 4985

FROM—

TO—

TOTAL FEET

FORMATION

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

FOR THE WEST CORRECTLY

A blank sheet of white graph paper with a light gray grid pattern. The grid consists of small squares. A single dark speck is visible near the center-left of the page.

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

Core #2 - 5008-5040' - Rec. 32' Limited sand - No Shows
Date 01/11/61 10:01
Title
Product ion 17.5 gals

Core #3 - 5040-5081' - Rec. 43' Limited sand - No Shows
Date 01/15/61 10:01
Title
Product ion 17.5 gals

The information given herewith is a complete and correct record of the well and all work done thereon
There was not a casing record made

1/11/61 - Tested water shut off 1 hour with 1000# pump pressure. Tested O.K.

1/8/61 - Well Spudded 10:00 P.M. No. 3 from _____ to _____

Amount	Kind of shoe	Out and going from	Entered	Entered by

HISTORY OF OIL OR GAS WELL

[illegible]