

HOBBS

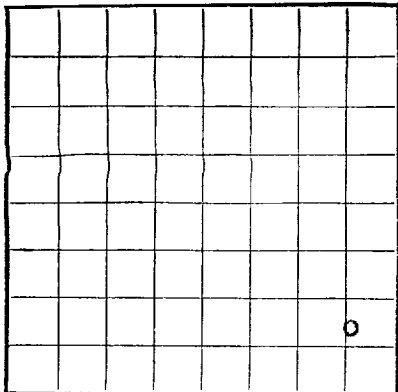
Las Cruces

U. S. LAND OFFICE

065876-A

SERIAL NUMBER

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 Address 140 Central Building
Lessor or Tract Gulf Federal Field Wildcat State New Mexico
Well No. one Sec. 24 T. 26S R. 32E Meridian N.M.P.M. County Lea
Location 660 ft. N. of S Line and 660 ft. E. of E Line of Sec. 24 Elevation 3139G.R.
(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 May 19, 1959 Signed [Signature] Title Partner

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

Commenced drilling March 14, 19 59 Finished drilling March 28, 19 59

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4700 to 4708 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—	
8 5/8	24	8 rd	E.W.	313	Hall.	-	-	-	Surf. casing
4 1/2	9.5	8 rd	E.W.	4779	Larkin	-	4697	4703	Oil String

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	326	175 sks	Pump & Plug	9.6	100 sks gel
4 1/2	4790	225 Reg 25 Latex	" "	10	75 sks gel 50 sks starch

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 4790 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

May 19, 19 59 Put to producing April 3, 19 59

The production for the first 24 hours was 100.47 barrels of fluid of which 51% was oil, 2% 1% emulsion; _____% water; and _____% sediment. Gravity, °Bé. 38.6

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
C. H. Burns, Driller W. T. Sherwood, Driller
J. G. Crisp, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	85	85	Surface sand & caliche
85	665	580	Red sand & shale
665	1055	390	Anhydrite, dolomite & shale, rustler
1055	2825	1770	Anhydrite & salt, Salado
2825	3150	325	Anhydrite
3150	3575	425	Anhydrite & salt
3575	3900	325	Anhydrite
3900	4055	155	Salt
4055	4155	100	Anhydrite
4155	4420	265	Salt
4420	4653	233	Anhydrite
4653	4681	28	Black shale, Lamar
4681	4790	109	Sand, Delaware sand
TOPS: Red Beds 85			
Rustler 665			
Salado 1055			
Castile 2825			
Lamar (Black Shale) 4653			
Delaware Sand 4681			

DATE	3/27/59
WELL NO.	13501
SECTION	13501
TOWNSHIP	13501
RANGE	13501
COUNTY	13501
STATE	13501

3/27/59 Cored 4716 to 4794, recovered 4716 - sand to 4730.
3/28/59 D.S.T. # 13501 to 4716, open 2 hours, gas in 50 min., recovered 4701 to 4716, gas to 4716, gas to 4716, gas to 4716.
3/29/59 D.S.T. # 13501 to 4716, gas to 4716, gas to 4716, gas to 4716.
3/30/59 D.S.T. # 13501 to 4716, gas to 4716, gas to 4716, gas to 4716.
3/31/59 D.S.T. # 13501 to 4716, gas to 4716, gas to 4716, gas to 4716.

DATE	TIME	DEPTH	FORMATION	REMARKS
3/27/59	10:00	4716	SAND	Recovered 4716 - sand to 4730.
3/28/59	10:00	4716	SAND	Open 2 hours, gas in 50 min., recovered 4701 to 4716, gas to 4716, gas to 4716.
3/29/59	10:00	4716	SAND	Gas to 4716, gas to 4716, gas to 4716.
3/30/59	10:00	4716	SAND	Gas to 4716, gas to 4716, gas to 4716.
3/31/59	10:00	4716	SAND	Gas to 4716, gas to 4716, gas to 4716.