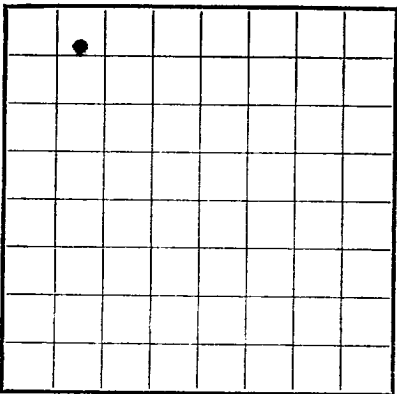




LOCATE WELL CORRECTLY

U. S. LAND OFFICE **Las Cruces**
SERIAL NUMBER **068264**
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **T. F. Hodge** Address **1113 Continental Bank Bldg., Fort Worth 2, Texas**
Lessor or Tract **Malco-Federal** Field **Caprock Queens** State **New Mexico**
Well No. **3** Sec. **17** T. **14S** R. **31E** Meridian **NMPH** County **Chaves**
Location **990** ft. **N** of **N** Line and **2310** ft. **E** of **W** Line of **Sec. 17** Elevation **4,084'**
(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 *Wayne A. ...*

Date **March 18, 1957** Title **Production Superintendent**
The summary on this page is for the condition of the well at above date.

Commenced drilling **February 23, 1957** Finished drilling **March 4, 1957**

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from **2,694'** to **2,705'** 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"	28	4"	Spring	303'	Float Guide				Surface
4 1/2"	14	2 1/2"	Steel	2,727'	Plug				2,727' production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	303'	150	Pump		
4 1/2"	2,727'	150	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
Well was washed with 250 gallons M.C.A., frac with 10,000 gallons special frac oil, 20,000# sand.						

TOOLS USED

Rotary tools were used from **0** feet to **2,727** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

March 18, 1957 Put to producing **March 10, 1957**
The production for the first 24 hours was **84** barrels of fluid of which **100**% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. **38°**
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

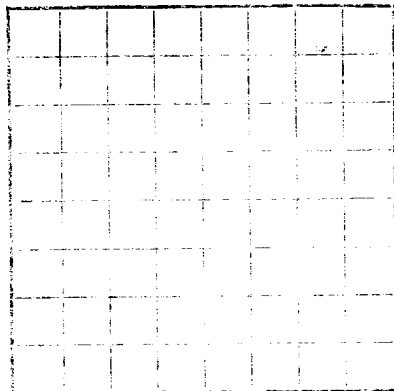
FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	190	190	Surface sand caliche, red bed
190	1080	990	Red bed, shale
1080	1200	120	Shale, anhydrite salt
1200	1910	710	Sand shale, anhydrite
1910	2508	698	Anhydrite, shale
2508	2727	219	Anhydrite, dolomite, sandstone
			Top Yates 1,920'
			Top Queens 2,508'

FORMATION RECORD—Continued

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



Company Name
Location
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
The summary on this page is for the condition of the well at above date.
Completed drilling

OIL OR GAS SANDS OR ZONES

From	To	Remarks
No. 1 from	No. 4 from	
No. 2 from	No. 5 from	
No. 3 from	No. 6 from	

IMPORTANT WATER SANDS

From	To	Remarks
No. 1 from	No. 8 from	
No. 2 from	No. 4 from	

CASING RECORD

Casing	Weight	Length	Remarks
No. 1			
No. 2			
No. 3			

HISTORY OF OIL OR GAS WELL

MUDDING AND CEMENTING RECORD

From	To	Remarks
No. 1	No. 2	
No. 3	No. 4	
No. 5	No. 6	

PLUGS AND ADAPTERS

From	To	Remarks
No. 1	No. 2	
No. 3	No. 4	

SHOOTING RECORD

From	To	Remarks
No. 1	No. 2	
No. 3	No. 4	

TOOLS USED

From	To	Remarks
No. 1	No. 2	
No. 3	No. 4	

DATA

From	To	Remarks
No. 1	No. 2	
No. 3	No. 4	

EMPLOYERS

From	To	Remarks
No. 1	No. 2	
No. 3	No. 4	

FORMATION RECORD

From	To	Remarks
No. 1	No. 2	
No. 3	No. 4	
No. 5	No. 6	
No. 7	No. 8	
No. 9	No. 10	
No. 11	No. 12	
No. 13	No. 14	
No. 15	No. 16	
No. 17	No. 18	
No. 19	No. 20	
No. 21	No. 22	
No. 23	No. 24	
No. 25	No. 26	
No. 27	No. 28	
No. 29	No. 30	
No. 31	No. 32	
No. 33	No. 34	
No. 35	No. 36	
No. 37	No. 38	
No. 39	No. 40	
No. 41	No. 42	
No. 43	No. 44	
No. 45	No. 46	
No. 47	No. 48	
No. 49	No. 50	
No. 51	No. 52	
No. 53	No. 54	
No. 55	No. 56	
No. 57	No. 58	
No. 59	No. 60	
No. 61	No. 62	
No. 63	No. 64	
No. 65	No. 66	
No. 67	No. 68	
No. 69	No. 70	
No. 71	No. 72	
No. 73	No. 74	
No. 75	No. 76	
No. 77	No. 78	
No. 79	No. 80	
No. 81	No. 82	
No. 83	No. 84	
No. 85	No. 86	
No. 87	No. 88	
No. 89	No. 90	
No. 91	No. 92	
No. 93	No. 94	
No. 95	No. 96	
No. 97	No. 98	
No. 99	No. 100	