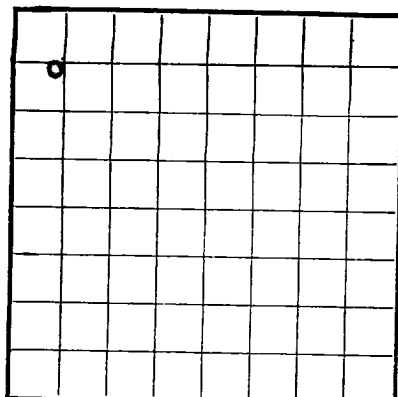


U. S. LAND OFFICE **Las Cruces**
SERIAL NUMBER **068656**
LEASE OR PERMIT TO PROSPECTUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company **John W. Kelly** Address **Box 5671 Roswell, New Mexico**
Lessor or Tract **Federal "88"** Field **Wildcat** State **New Mexico**
Well No. **1** Sec. **24** T. **18** R. **35** Meridian **NMPM** County **Lea**
Location **330** ft. ^[N.] of **N** Line and **660** ft. ^[E.] of **W** Line of **Sec. 24** Elevation **3290** DF
(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 **Samuel D. McVicker**Date **March 16, 1960**Title **Production Superintendent**

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

Commenced drilling **12-10-59**, 19____ Finished drilling **2-17-60**, 19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **12,168** to **12,222** 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—	
13 3/8 48	8	8	1 1/2	360	Tex. Pat. Float				Surface
8 5/8 57	8	8	1 1/2	3782	Float				Salt
5 1/2 80	8	8	Spring	12,218	Float	12,180-190			Oil

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13 3/8 375		550	HOWCO Plug		
8 5/8 3804		1000 5% & 500			
		perlite	*		
5 1/2 12,229		200 516-Set 4 1/2 gal			
		& 50# gilsonite			

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 **Surf.** feet to **12,232** feet, and from _____ feet to _____ feet

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

DATES

_____, 19____ Put to producing **2-17-60**, 19____The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____%
emulsion; _____% water; and _____% sediment. **360** Gravity, °Bé. **100**If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas **44**

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller _____, Driller

Osborn, Driller **Hutson**, Driller**Layland**

FORMATION RECORD

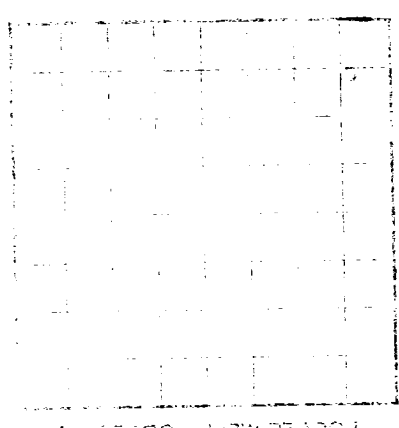
FROM—	TO—	TOTAL FEET	FORMATION
0	1810	1810	Caliche, surface sands, & red beds.
1810	1920	120	Anhydrite
1920	3110	1190	Salt
3110	4930	1820	Anhydrite, dolomite, red sand stringers
4930	6080	1150	Dolomite
6080	6880	800	Sand
6880	7880	1000	Dolomite
7880	9030	1150	Dolomite & chert
9030	9630	600	Sand, dolomite & chert
9630	10,830	1200	Shale, sand & dolomite
10,830	10,980	150	Sand & dolomite
10,980	11,250	270	Shale
11,250	11,875	625	Chert & dolomite
11,875	12,066	191	Shale
12,066	12,232	166	Lime & dolomite

EL TOPS
Anhy 1810
Salt 1920
San A. 4930
Bone Springs 6768
Wolfcamp 9490
Miss. Im. 11252
Woodford 11,876
Devonian 12,066

AT THE END OF COMPLETE DRILLER'S
LOG, ADD GEOLOGIC TOPS. STATE
WHETHER FROM EL OR SAMPLES.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG 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 drilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was detached or left in the well, give its size and location. If the well has been dynamited, give 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 bailing.

The following information should be given in the log of the well:
1. Name of well.
2. Location of well.
3. Date of drilling.
4. Name of driller.
5. Name of owner.
6. Name of operator.
7. Name of lessee.
8. Name of leaseholder.
9. Name of landowner.
10. Name of surveyor.
11. Name of engineer.
12. Name of geologist.
13. Name of chemist.
14. Name of physicist.
15. Name of biologist.
16. Name of mineralogist.
17. Name of zoologist.
18. Name of botanist.
19. Name of geographer.
20. Name of meteorologist.

HISTORY OF OIL OR GAS WELL

FROM—	TO—	TOTAL FEET	FORMATION
1000	900	100	Gravelly sandstone
900	800	100	Sandstone
800	700	100	Sandstone
700	600	100	Sandstone
600	500	100	Sandstone
500	400	100	Sandstone
400	300	100	Sandstone
300	200	100	Sandstone
200	100	100	Sandstone
100	0	100	Sandstone