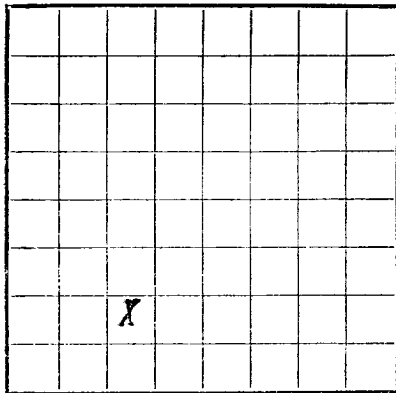


U. S. LAND OFFICE LAS CRUCES
SERIAL NUMBER 029392 A
LEASE OR PERMIT TO PROSPECT _____



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company KEOHANE, SAUNDERS, WELCH & IVERSON Address ARTESIA, NEW MEXICO
Lessor or Tract HINKLE 1 Field SHUGART State NEW MEXICO
Well No. 5-A Sec. 35 T18S R31E Meridian N.M.P.M. County EDDY
Location 990 ft. ^{N.} of 9 Line and 1650 ft. ^{E.} of W Line of 35-18S-31E Elevation _____
(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 J. H. Welch

Date 4/9/57 Title AGENT

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

Commenced drilling 2/2/57, 19____ Finished drilling 4/8/57, 19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3350 to 3370 No. 4, from _____ to _____
No. 2, from 3425 to 3485 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—	
<u>8</u>				<u>923</u>					<u>SHUTOFF</u>
<u>7</u>				<u>3400</u>			<u>3350</u>	<u>3370</u>	<u>PRODUCTION</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8</u>	<u>923</u>	<u>50</u>	<u>DENTON</u>		
<u>7</u>	<u>3400</u>	<u>100</u>	<u>DO</u>		

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 3520 feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing 4/8/57, 19____

The production for the first 24 hours was 100 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

HOMER LOWREY, Driller J. H. WELCH, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION

FOLD MARK

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 redrilling, 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 "sidetracked" 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 balling.

FORMATION	TOTAL FEET	TO	FROM
SAND & GYP.	80		
RED ROCK	765		
ANY.	790		
RED ROCK	805		
SALT	813		
ANY.	895		
SALT	920		
ANY.	940		
ANY. & SHALE	1000		
SALT & SHALE	1050		
SALT	2040		
ANY	2100		
SALT	2230		
ANY. & SHALE	2650		
ANY.	2700		
PINK LIME	2750		
BROKEN SHALE	2762		
GRAY SAND	2770		
SANDY LIME	2800		
LIME	2880		
RED SAND	2930		
LIME	3150		
H. SAND & LIME	3185		
LIME	3200		
RED SAND	3240		
LIME	3250		
RED SAND	3260		
LIME	3342		
H. SAND	3370		
LIME	3425		
SAND	3485		
LIME T. D.	3520		

(ELECTRIC LOG ATTACHED)

4/8/27