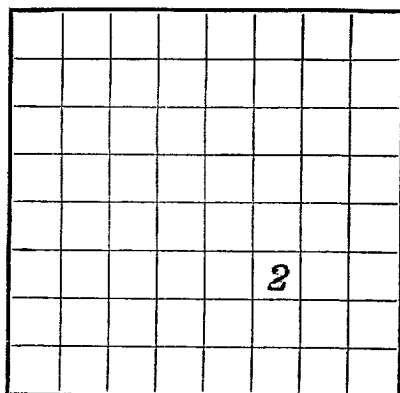


U. S. LAND OFFICE JAS. CRUCES
SERIAL NUMBER 029392-1
LEASE OR PERMIT TO PROSPECT

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company KEOHANE SAUNDERS WELCH & IVERSON Address ARTESIA, NEW MEXICO.
Lessor or Tract HINKLE A Field SHUGART State NEW MEXICO
Well No. 2-4 Sec. 34 T. 18S R. 31E Meridian N.M.P.M. County EDDY
Location 1650 ft. N. of S. Line and 1650 ft. E. of W. Line of Sec. 34 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 _____
Date APRIL 23, 1959 Title AGENT
The summary on this page is for the condition of the well at above date.
Commenced drilling FEB. 13, 1959 Finished drilling APRIL 13TH, 1959

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

No. 1, from 3386 to 3424 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—	
4 1/2	3550		HURLOCK	3550	REG.	3424	3386	OIL STRING	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
4 1/2	3550	250	DENTON		

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 2839 feet to 3571 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

E. McDORMAN, Driller E. HARDWAY, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
2839	3075		LIME
3075	3087		R. SAND
3087	3098		LIME
3098	3125		LIME SANDY
3125	3159		LIME
3159	3215		LIME & SAND
3215	3297		LIME
3297	3304		SHALE
3304	3321		LIME & SAND
3321	3370		LIME
3370	3379		LIME & SAND
3379	3430		R. SAND
3430	3440		SAND
3440	3503		LIME
3503	3513		LIME & SAND
3513	3571		LIME - T. D.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

A blank sheet of graph paper with a grid pattern. The grid consists of small squares formed by thin black lines. There are approximately 10 columns and 8 rows of squares visible. A thicker vertical line runs down the left side, creating a margin. A horizontal line runs across the top, below the header area. In the center of the page, there is some faint, illegible text that appears to be "Page 1".

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

~~THE WELL WAS MAKING APPROXIMATELY 6 BARRELS OF OIL PER DAY PRIOR~~
~~TO TREATMENT. WELL MADE 100 BBLG. OF OIL PER DAY AFTER TREATMENT.~~

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.

Location: It is [N.] of [line and section] [8.] of [line of sec.] [sec. 24]
[T. 10 N.] [R. 10 E.] [S. 8 E.]
Well No. [] Sec. [] T. [] R. [] S. []
Lessor or Tract [] Right []
County [] State New Mexico
Company [] Address []

OIL OR GAS SANDS OR ZONES

(Detroit area only)

IT DETERMINED THE ABOVE WELL Cased 28 1/2" TO 35 1/2". HAN 3550 FT. OF 4 1/2" CASING AND CEMENTED WITH 250 SACKS OF CEMENT ON MARCH 21, 1959. REFORATED 4 1/2" CASING ON MARCH 27TH FROM 3424 TO 3386 WITH 228 HOTS. TREATED THROUGH PERFORATIONS ON SAME DATE WITH 55,000# OF SAND AND 575 BARRELS OF IMITANT WATER SANDS ON APRIL 6, 1959 WE REFORATED THE 4 1/2" CASING FROM 3286 TO 3314 WITH 108 HOTS. ON APRIL 6, 1959 TREATED WITH 55,000# OF SAND AND 650 BLS. OF OIL.

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of recdrilling, 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.

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE

Slip No.	Water used	Number sacks of cement	Method used	Mud gravity	Amount of mud used
1	0.500	1.00	WATER		

67009 AND 67010

[illegible]

SHOOTING RECORD

[illegible]

TOOLS USED

Rotary tools were used from	feet to	feet and from	feet to
Cable tools were used from	feet to	feet and from	feet to

DATE

Rock pressure, lbs. per sq. in.	
If gas well, cu. ft. per 24 hours	
emulsion; % water; and % sediment.	
The production for the first 24 hours was	
barsils of fluid of which % was oil; %	
Pit to producing	19

EMPLOYEES

[illegible]

FORMATION RECORD

[illegible]