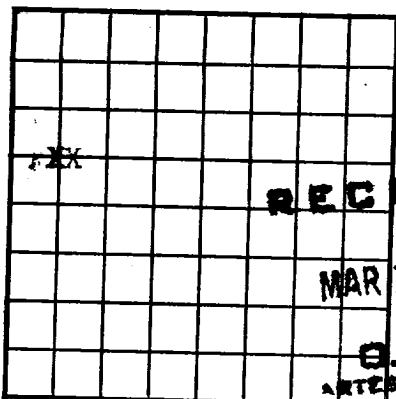


Form 9-320

U. S. LAND OFFICE Las Cruces

SERIAL NUMBER _____

LEASE OR PERMIT TO PROSPECT _____



RECEIVED

MAR 10 1977

U. S. GEOLOGICAL SURVEY
ARTESIA, OFFICE

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Hoke L. Woodward Address Washington, D. C.
Lessor or Tract Nichols Geo. Co. Field Square Lake State New Mexico
Well No. 1 Sec. 30 T. 16S R. 31E Meridian NMP. County Eddy
Location 1900 ft. (N.) of N. Line and 303 ft. (E.) of W. Line of Sec. 30 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 Hoke L. Woodward
Title Contractor

Date Oct. 17, 1944

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

Commenced drilling Aug. 3rd, 1944 Finished drilling Sept. 30, 1944

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3068 to 3180 No. 4, from _____ to _____
No. 2, from 3125 to 3140 No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 2405 to 2413 No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

NO. 1944

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
8"	14 lb.			2450					
7"				2955					
5"									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8"	517	50 sacks	Halliburton		
7"	2450				
5"	2955	100 sacks			

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
Zerofine Bomb		110 lbs.		3070 to 3145	

TOOLS USED

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

DATES

Put to producing _____ Oct. 10, 1944
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

H. Messenger _____, Driller
Vernon Campbell _____, Driller
O.T. Mays & W.H. Willey _____, Driller
Lester Busk Tooldresser _____, Driller

FORMATION RECORD

FORMATION	TOTAL FEET	FORMATION
06420	110	Red bed and sand
08020	135	Red mud
18020	170	Red rock
28020	285	Anhydrite
28020	380	Anhydrite & Red Rock
38020	410	Anhy. & Red rock
41020	485	Anhy. Red rock shells
48020	545	Potash
48020	517	Salt
51320	580	Red bed
58020	645	Salt
64520	785	Salt
64520	820	Anhy. & Potash
62020	900	Salt
70020	975	Salt & Red rock
77520	1075	Salt
78520	1175	Got a little oil
78520	1300	Salt
130020	1380	Salt & Anhy.
138020	1420	Anhydrite
142020	1585	Anhydrite & Red rock
145020	1555	Anhydrite
155520	1570	Red Bed
157020	1585	Red bed & Anhy.
158520	1602	Red Sandy Shale

FORMATION RECORD—continued

