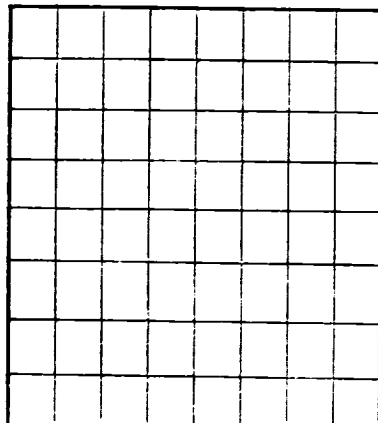


U. S. LAND OFFICE—Las Cruces

SERIAL NUMBER—058697-3

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

COPY

LOG OF OIL OR GAS WELL

Company Johnny Cockburn Address Box 115, Artesia, New Mexico
 Lessor or Tract Miller 2 Field Maljamar State New Mexico
 Well No. 1-1 Sec. 25 T. 17 R. 32 Meridian NMPM County Lea
 Location 660 ft. (S.) of N Line and 660 ft. (E.) of W Line of Sec. 25 Elevation 4017.1
 (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 October 19, 1942 Title Agent

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

Commenced drilling December 21, 1941 Finished drilling March 11, 1942

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4032 to 4045 No. 4, from _____ to _____
 No. 2, from 4145 to 4185 No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 4209 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 1/2"	32#		SS	30'					
5 1/2" OD	14#		SS	3795'	Baker				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 1/2"	30'	15 sacks			
5 1/2" OD	3795'	200 sacks	Halliburton		
		250 sacks	Halliburton	Bradenhead	

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
3 1/2"	10	Nitro-Glycerin	200 qts	5-12-42	4032' to 4190'	to Bottom

TOOLS USED

Rotary tools were used from _____ feet to 4009 feet, and from _____ feet to _____ feetCable tools were used from 4009 feet to 4209 feet, and from _____ feet to _____ feet

DATES

October 19, 1942 _____, 19 _____ Put to producing March 11, 1942The production for the first 24 hours was 45 barrels of fluid of which 100 % was oil _____ %emulsion: after shot 90 " in 3 hrs. Gravity, 26.6If gas well, cu. ft. per 24 hours None Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Dick Ross _____, Driller _____, Driller

A. A. Phelps _____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	30	30	Caliche
30	70	40	Sand & gravel
70	120	50	red rock
120	170	350	red rock & shells
170	1005	535	red rock
1005	1195	190	Anhydrite
1195	1419	224	salt & anhydrite
1419	1575	156	Salt & shells
1575	1846	271	Salt
1846	2073	227	Salt & snells
2073	2190	117	Salt
2190	2300	110	Salt & anhydrite
2300	2588	288	Anhydrite
2588	3301	713	Anhydrite & gyp
3301	3433	132	Anhydrite & lime
3433	3513	80	Lime
3513	4009	496	From 3513' to 4009' no record of formation on account Daily Drilling Log was destroyed by fire when drilling rig burned on Jan. 24, 1942.
4009	4032	23	Lime
4032	4045	13	Sandy lime - Oil snow
4045	4055	10	Lime
4055	4067	12	Gray lime
4067	4145	78	Lime
4145	4185	40	Sandy lime
4185	4209	24	Lime
	T.D.		

COPY