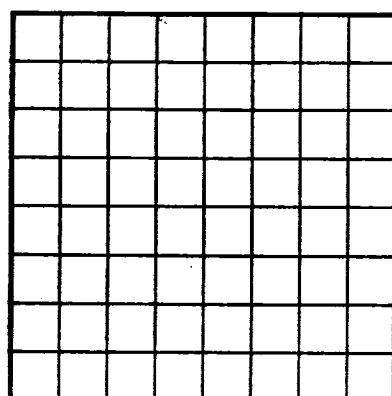


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 058697-B
LEASE OR PERMIT TO PROSPECT Lease

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

COPY

LOG OF OIL OR GAS WELL

Company Johney Cockburn Address P.O. Box 115, Artesia, New Mexico
Lessor or Tract Pearl Miller Field Maljamar State New Mexico
Well No. 14-B Sec. 25 T. 17S R. 32E Meridian NMPM County Lea
Location 1980ft. {N.} of S. Line and 1980ft. {E.} of W. Line of Sec. 25 Elevation 3991
(Denote gas by G)

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 (Sgd) Barney CockburnDate May 26, 1943

Title _____

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

Commenced drilling April 25, 1943 Finished drilling May 20, 1943

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4100' to 4210' 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—	
8-5/8"	40	8	Pittsburgh	3900'	Baker-White	_____	_____	_____	Perforated at 1117'.
5 1/2"	27	8	_____	_____	_____	_____	_____	_____	Cemented with 350 sacks cement.
_____	_____	_____	_____	_____	_____	_____	_____	_____	Complete shutoff, circulated with oil.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	32'	10 sacks	_____	_____	_____
5 1/2"	3900'	200 sacks	Halliburton	_____	_____
_____	_____	350 sacks used in perforating oil string.	_____	_____	_____

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"	_____	Nitro-Glycerins	200 qts.	5-21-43	4108-4210'	To bottom

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

_____ May 26, _____, 1943 Put to producing _____ June 1, _____, 1943

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

S.D. Blackman _____, Driller G.W. Budge _____, Driller

A.G. Harper _____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	33	33	Caliche
33	750	717	Red bed
750	985	235	Red bed and red rock
985	1090	105	Red rock
1090	1274	184	Anhydrite
1274	2362	1088	Anhydrite and salt
2362	2722	360	Anhydrite
2722	3439	717	Anhydrite and gypsum
3439	3489	50	Anhydrite and lime
3489	3497	8	Lime
3497	3509	12	Sand and sandy lime
3509	4146	637	Lime
4146	4178	32	Lime and sand
4178	4210	32	Sand
	4210 TD		

FORMATION RECORD

16-43094-1

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