

RECEIVED

U. S. LAND OFFICE Las Cruces

SERIAL NUMBER 046256 (a)

LEASE OR PERMIT TO PROSPECT Coppedge

NOV 24 1941

U. S. GEOLOGICAL SURVEY UNITED STATES

Denver, Colorado

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

RECEIVED

MAR 10 1977

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

O. C. C.

ARTERIA, OFFICE

Company Franklin Petroleum Corp.

Address Box 212, Loco Hills, New Mexico

Lessor or Tract Coppedge

Field Loco Hills State New Mexico

Well No. 4 Sec. 5 T. 15 R. 30 Meridian NMPA County Eddy

Location 330 ft. S. of North Line and 231 ft. W. of East Line of 5-12-30 Elevation 3574 (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 C. D. Keister

Date November 18, 1941

Title Office Mgr.

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

Commenced drilling September 16, 1941 Finished drilling October 22, 1941

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2375 G to 2376 No. 4, from to

No. 2, from 2380 G to 2382 No. 5, from to

No. 3, from 2883 to 2885 No. 6, from to

IMPORTANT WATER SANDS

No. 1, from 230 to 300 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	28.1	8	Halliburton	100	Regular	2375' to 2376'			Flow
5	28.1	8	Halliburton	100	"	2376' to 2382'			Flow
5	28.1	8	Halliburton	100	"	2382' to 2885'			Flow
5	28.1	8	Halliburton	100	"	2885' to 300'			Flow
5	28.1	8	Halliburton	100	"	300' to 3574'			Flow

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
4	510	50	Halliburton		
5	2813	100	"		5 tons

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
4	Type F	Nitroglycerin	20	10-22-41	2376' to 2382'	2885'

TOOLS USED

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

Cable tools were used from 0 feet to 2005 feet, and from feet to feet

DATES

Put to producing November 1, 1941

The production for the first 24 hours was 4 bbls. barrels of fluid of which 100% 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

C. D. Keister, Driller W. J. Cluney, Driller

F. F. Wells, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	35	35	Sand
35	285	250	Sandy shale
285	300	15	Gravel (water 290' to 300')
300	400	100	Anhydrite
400	430	30	Red Rock
430	510	80	Salt
510	550	40	Salt & shells
550	710	160	Salt
710	725	15	Anhydrite
725	740	15	Salt
740	760	20	Anhydrite
760	1065	305	Salt
1065	1090	25	Anhydrite
1090	1185	95	Salt & shells
1185	1210	25	Salt
1210	1410	200	Anhydrite
1410	1435	25	Shale & shells
1435	1485	50	Red rock & anhydrite
1485	2070	585	Anhydrite
2070	2105	35	Lime
2105	2150	45	Anhydrite
2150	2160	10	Red rock
2160	2350	190	Anhydrite
2350	2371	21	Lime
2371	2405	34	Red sand (show of gas at 2375' to 76')
2405	2430	25	Anhydrite to increase in gas 2380' to 32')

(OVER)

U. S. LAND OFFICE
SERIAL NUMBER
LEASE OR PERMIT TO PRODUCE

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MAR 10 1917

U. S. GEOLOGICAL SURVEY
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

D. C. C.
DISTRICT OFFICE

Company
Post Office
Well No.
Township
Range
Section
Elevation
To inform and give correct record of the well and all work done thereon
as far as possible, the following record is given.

Oil or Gas Sands or Zones
No. 1 from
No. 2 from
No. 3 from
No. 4 from
No. 5 from
No. 6 from
No. 7 from
No. 8 from
No. 9 from
No. 10 from

CASING RECORD
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, 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 bailing.

HISTORY OF OIL OR GAS WELL			
DIPPING AND CEMENTING RECORD			
Direction of dip	Amount of dip	Method used	Result
PLUGS AND BRIDGES			
Depth	Size	Material	Remarks
SHOOTING RECORD			
Date	Quantity	Depth	Remarks
TOOLS USED			
DATES			
ENTRANCE RECORD			
FLOW RECORD			
FORMATION			
FORMATION	TOTAL FEET	TO	FROM
Lime	20	2450	2430
Anhydrite	20	2470	2450
Lime	105	2575	2470
Anhydrite	25	2600	2575
Sandy lime	25	2625	2600
Anhydrite	20	2645	2625
Hard lime	32	2678	2645
Anhydrite, red sand & shale	4	2682	2678
Lime	197	2879	2682
Oil sand	4	2883	2879
Oil sand	1	2885	2883
TOTAL DEPTH	3885		