

A 10x10 grid with a dot at (4, 1) and the number 17 written at (5, 5).

LOCATE WELL CORRECTLY

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 029405-B
LEASE to Prospect

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
MAR 5 1951
OIL CONSERVATION COMMISSION
HOBBBS-OFFICE

LOG OF OIL OR GAS WELL

Company Buffalo Oil Company Address Artesia, New Mexico
Lessor or Tract Wm. Mitchell B. Field Maljamar-Paddock State New Mexico
Well No. 24-P Sec. 17 T. 17N R. 32E Meridian NMPM County Lea
Location 660 ft. {N.} of S Line and 1780 ft. {E.} of W Line of Sec. 17 Elevation 3995 ft.

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.

Date March 2, 1951 Title Vice President

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

Commenced drilling Jan. 23, 1951 Finished drilling Feb. 28 1951

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

No. 5, from _____ to _____

No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

CASING RECORD

Size casting	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
13-3/8OD 8-5/8ID	266	8 rd	Armed	65'	guide				Conductor
8-5/8OD	266	8 rd	H. bc	2606	guide				Intermediate

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8OD	80'	75	Pump		
8-5/8OD	2597	150 sk first stage			
		100 sk second stage thru collar at 802'			

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 ~~surface~~ feet to 5362 feet, and from _____ feet to _____ feet

Cable tools were used from _____ feet to _____ 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

C. L. Edwards, Driller Ed Seabourn, Driller
J. W. Dyer, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	80		Surface sand & caliche
80	720		Red rock
720	941		Anhydrite
941	2050		Anhydrite & salt
2050	3287		Anhydrite
3287	3331		Anhydrite & shale
3331	3375		Anhydrite & lime
3375	3477		Lime
3477	3513		Lime & shale
3513	3550		Lime
3550	3634		Lime & anhydrite
3634	4629		Lime
4629	4636		Chert
4636	4654		Lime
4654	4689		Lime & sand
4689	5362		Lime

(OVER)

16-42004-2

LOCATION OF COT-CONTAMINANT

cored from 5278-5362' in the 3/4" diamond bit. Core #1 5276-5301' recovered 243' dense dolomite and sandy shale.

Core #1 5276-5301' Recovered 241' dense dolomite and sandy shale.
Core #2 5301-26' Recovered 25' dense dolomite and sandy shale.

Core #2 5301-26' Recovered 25' dense dolomite and sandy shale.

Core #3 5326-441. Recovered 17 1/2" dense dolomite and sand.

Core # 5344-54. Recovered 101 dolomite. Slight porosity

Case # 5251 621 Received 91 of 114th W. 10000 10000 10000

Bottom 1st had good porosity.

5349-62; Tool open 3 hrs. Had strong flow. Gas to surface in 45 min. Recovered 80% of free oil and 60% of oil-cut mud plus 30% of salty sulfur water which tested 66,000 PPM chloride. Flowing pressure 30 to 60 psi. 15 min. shut-in pressure 1500 psi.

This zone is chiefly water and is commercial well is not possible. Well will be plugged.