

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 032450 (a)
LEASE OR PERMIT TO PROSPECT South Mattix

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Stanolind Oil and Gas Company Address Box 68, Hobbs, New Mexico
Lessor or ~~Tract~~ South Mattix Unit Field Fowler-Fusselman State New Mexico
Well No. 13 Sec. 22 T. 24-S R. 37-E Meridian NMP County Lea
Location 2310 ft. N of S Line and 330 ft. E of E Line of Section 22 Elevation 3254 RDB
(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 Joseph Henderson
Title Field Superintendent

Date January 31, 1955

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

Commenced drilling November 19, 1955 Finished drilling January 28, 1955

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from <u>7575</u> to <u>7640</u>	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—	
13-3/8	36#		AMCO	297'	Float				
13-3/8	36#		H-49	4360'	Float				
5 1/2 in. dia	27#		J-55	7863'	Float				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	310'	380	Howco Plug		
9-5/8	4374'	1st-475	Howco Plug		
		2nd-150			
5-1/2	7856'	200 / 200 cu. ft.	Howco Plug		

perlitePLUGS 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 0 feet to 7856 feet, and from _____ feet to _____ feet

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

DATES

January 28, 1955 Put to producing January 28, 1955

The production for the first 24 hours was 151 barrels of fluid of which 32 % was oil; ----- % emulsion; 68 % water; and ----- % sediment. Gravity, °Bé. 38° API

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

EMPLOYEES			
L. E. Cole	, Driller	Buster Kinney	, Driller
L. Bryant	, Driller		, Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
0	411	411	Red Bed
411	1188	777	Red Bed & Sand
1188	2369	1181	Anhy & Salt
2369	3218	849	Anhy
3218	3262	44	Lime & Anhy
3262	7595	4333	Lime
7595	7770	175	Lime & Chert
7770	7856	86	Lime
DSTs			
None			
			Blacker - 5260 Ta = 5810

UNITED STATES
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BIOLOGICAL SERVICE

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Y. Y. LIANG AND J. R. FERGUSON

[Signature]

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HISTORY OF OIL OR GAS WELL

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HISTORY OF OIL OR GAS WELL

FROM	TO	TOTAL FEET	FORMATION

0-10-5