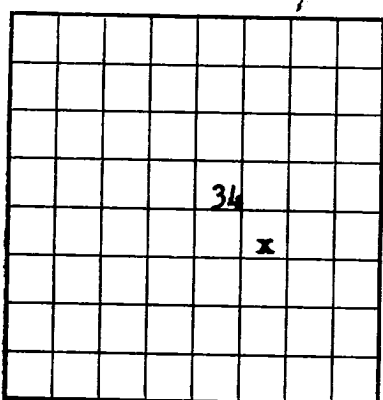


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 029431
LEASE OR PERMIT TO PROSPECT Exp.



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

1970

30-015-03980

LOG OF OIL OR GAS WELL

Company Sanders Bros. Address Box 746, Artesia, N. M.
Lessor or Tract Etz Field High-Lonesome State New Mexico
Well No. 1 Sec. 34T. 16SR. 30E Meridian NMPM County Eddy
Location 1980 ft. (N.) of S Line and 1980 ft. (W.) of E Line of Sec. 34 Elevation 3740
(Derrick floor relative to spot)

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 Forrest Warren

Date _____ Title Bookkeeper

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

Commenced drilling November 19, 1941 Finished drilling January 13, 1942

OIL OR GAS SANDS OR ZONES

(Denote gas by $\ominus$)

No. 1, from to 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 2255 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"				512					
3 1/2"				2270					

MUDDING AND CEMENTING RECORD

[illegible]

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set

Adapters—Material Size

SHOOTING RECORD

[illegible]

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

-----, 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

E. R. Phillips	Driller	Fred R. Whitaker	Driller
J. W. Phillips	Driller		Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	25	25	Sand
25	40	15	Red Sand
40	75	35	Sandy Shale
75	285	210	Red Sandy Shale
285	415	130	Anhydrite
415	425	10	" and Shale
425	440	15	" (Hole full of water)
440	475	35	Red Rock, Gyp & Shale
475	480	5	Anhydrite
480	488	8	Red Bed & Gyp
488	514	26	Red Bed
514	525	11	Salt (Set 8 5/8" pipe at 420-450sax cement)
525	555	30	Salt, Gyp, & Potash
555	700	145	Salt
700	710	10	Anhydrite & Potash
710	1207	497	Salt
1207	1220	13	Anhydrite
1220	1250	30	"
1250	1255	5	Red Bed
1255	1305	50	Anhydrite and Shale
1305	1380	75	"
1380	1430	50	"
1430	1475	45	" and Red Shale
1475	1510	35	" and Shale Break
1510	1550	40	" and Shale
1550	1580	30	" and Shale Break

(OVER)

16-43004-8

CONFIDENTIAL RECORD-CONFIDENTIAL

Company _____
Lessor or Tract _____
Well No. _____
Location _____
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.

Commenced drilling _____
The summary on this page is for the condition of the well as above data.

OIL OR GAS SANDS OR ZONES	
No. 1 from _____ to _____	(Feet as by G)
No. 2 from _____ to _____	
No. 3 from _____ to _____	

IMPORTANT WATER SANDS	
No. 1 from _____ to _____	
No. 2 from _____ to _____	

CASING RECORD	
No. 1 from _____ to _____	
No. 2 from _____ to _____	

HISTORY OF OIL OR GAS WELL

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 "stretched" 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.

MUDGING AND CEMENTING RECORD	
_____	_____

PLUGS AND ADAPTERS	
_____	_____

SHOOTING RECORD

SHOOTING RECORD	
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