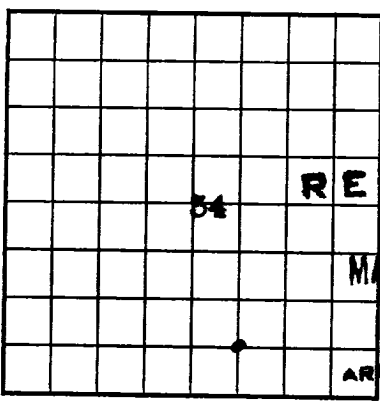


U. S. LAND OFFICE Las CrucesSERIAL NUMBER 029431LEASE OR PERMIT TO PROSPECT Etz

LOCATE WELL CORRECTLY

RECEIVED

MAR 10 1977

O. C. C.

ARTESIA, OFFICE

 UNITED STATES
 DEPARTMENT OF THE INTERIOR
 GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Sanders Brothers Address Box 746, Artesia, New Mexico
 Lessor or Tract Etz Field High-Lonesome State New Mexico
 Well No. 4 Sec. 34 T. 16S R. 30E Meridian N.M.P.M. County Eddy
 Location 660 ft. (N.) of S. Line and 1980 ft. (E.) of E. Line of Section 34 Elevation 5744
 (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 James H. KernerDate May 27, 1942 Title Bookkeeper

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

Commenced drilling April 19, 19 42 Finished drilling May 24, 19 42

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2846 to 2848 No. 4, from _____ to _____No. 2, from 2983 to 2984 No. 5, from _____ to _____

No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 426 to _____ No. 3, from _____ to _____No. 2, from 2275 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"				539'					
7"				2983'					
5 1/2"				2984'					
(7" Casing pulled when 5 1/2" Casing set)									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	529'	50 Sacks			
7"	2535'				
5 1/2"	2928'	100 Sacks			Mud
(7" Casing pulled when 5 1/2" Casing set)					

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 _____ 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 June 1, 19 42

The production for the first 24 hours was _____ barrels of fluid of which _____ % was oil; _____ %

emulsion. Oil at 2983'; Flow so strong that drilling was stopped at 2984 feet.When 5 1/2" section was hit at 2983' this well flowed 92 barrels throughthe 5 1/2" Casing in the first 2 hours. That night in 12 hours it made600 barrels in 12 hours. After 2 hours it was set at 2900 this well made400 barrels in 8 hours. Driller Well has not been shot. _____, DrillerR. T. Brock _____, Driller Gip Oldham _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	45	45	Red Sand
45	172	127	Red Bed and Sand
172	234	62	Red Sand
234	319	85	Red Bed
319	375	56	Red Rock
375	426	51	Anhydrite
426	438	12	Water Sand
438	487	49	Shale & Anhydrite (Run 539) 8 5/8"
487	505	18	Red Bed
505	539	34	Anhydrite
539	1180	641	Salt
1180	1250	70	Anhydrite and Salt
1250	1306	56	Anhydrite and Shale
1306	1333	27	Anhydrite
1333	1348	15	Anhydrite
1348	1385	37	Anhydrite and Shale
1385	1423	38	" and Red Shale
1423	1484	61	" and Red Rock
1484	1528	44	" and Red Shale
1528	1610	82	" and Shale
1610	1681	71	" and Shale
1681	1890	209	" and Shale
1890	1917	27	Lime
1917	1954	37	Lime and Anhydrite
1954	2037	83	Anhydrite

(OVER)

6-5745

U. S. LAND OFFICE
SERIAL NUMBER
PLEASE PRINT TO PREVENT MISUNDERSTANDING

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED

MAR 10 1927

D. C. C.

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company _____
Lessor or Trust _____
Well No. _____
Location with reference to _____ of _____
The information given herewith is a complete and correct record of the well and all work done thereon
as far as can be determined from all available records.

Date _____
The summary on this page is for the condition of the well at above date.
Commenced drilling _____
Finished drilling _____

OIL OR GAS SANDS OR ZONES

(Indicate gas by G)
No. 1 from _____ to _____
No. 2 from _____ to _____
No. 3 from _____ to _____

IMPORTANT WATER SANDS

No. 1 from _____ to _____
No. 2 from _____ to _____

CASING RECORD

Depth	Size	Weight	Length	Amount	Kind of pipe	Remarks

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 "added" or left in the well, give its size and location. If the well has been dynamited, give date, size, 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 falling.

HISTORY OF OIL OR GAS WELL

MUDDING AND CEMENTING RECORD

Depth	Size	Weight	Length	Amount	Kind of pipe	Remarks

PLUGS AND ADAPTERS

Heaving plug—Material _____
Size _____
Depth set _____
Adapter—Material _____
Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleared out

TOOLS USED

Rotary tools were used from _____ feet to _____ feet and from _____ feet to _____ feet.
Cable tools were used from _____ feet to _____ feet.

DATES

Put to producing _____
The production for the last 24 hours was _____
It was well on its way to producing _____
Rock pressure per foot _____
100 barrels in 12 hours _____
400 barrels in 24 hours _____

FORMATION RECORD

FORMATION	THICKNESS	DEPTH	REMARKS
Red Rock	8	2037	
Shale and Anhydrite	25	2100	
Anhydrite	60	2180	
Anhydrite and Shale	26	2206	
Anhydrite	20	2226	
Anhydrite	22	2251	
Red Rock and Anhydrite	24	2275	
Red Rock and Sand	20	2295	
Anhydrite	3	2298	
Anhydrite	5	2303	
Anhydrite	81	2384	
Anhydrite	16	2402	
Anhydrite	200	2402	
Anhydrite	145	2488	
Anhydrite (See Sand 2846-2849)	16	2867	
Anhydrite	61	2928	
Anhydrite	7	2935	
Anhydrite	48	2984	
Anhydrite	1	2984	

FORMATION RECORD—Continued

FORM 8-32