

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 031844
LEASE OR PERMIT TO PROSPECT Friess

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Southern Production Co., Inc. Address P. O. Box 396, Loco Hills, New Mexico
 Lessor or Tract Friess Field Fren State New Mexico
 Well No. 1 Sec. 30 T. 17-S R. 31-E Meridian NMPM County Eddy
 Location 660 ft. N of N Line and 1980 ft. E of E Line of Sec. 30 Elevation 3583'
 (Derivick Poor 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 H. E. Vandover
Date February 25, 1955 Title District Superintendent

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

Commenced drilling January 11, 1955 Finished drilling February 8, 1955

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 _____

TO CASING RECORD[illegible]

MUDDING AND CEMENTING RECORD

[illegible]

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 3000 feet to 3248 feet, and from _____ feet to _____ feet.

....., 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.

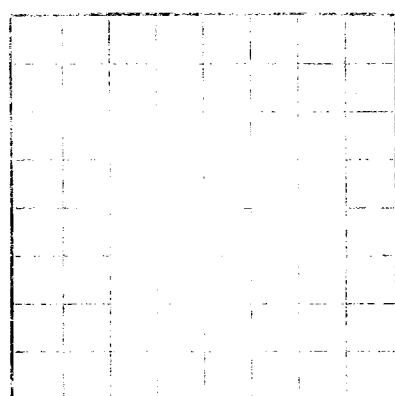
If gas well, cu. ft. per 24 hours	Gallons gasoline per 1,000 cu. ft. of gas
Rock pressure, lbs. per sq. in.	

EMPLOYEES	
Vandagriff	Driller
Harris	Driller
Black	Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
2057	2440	383	Anhydrite
2440	2450	10	Grey Sand
2450	2475	25	Red Sand
2475	2658	183	Anhydrite and lime
2658	2775	117	Sandy lime
2775	2784	9	Red Sand
2784	2826	42	Anhydrite and sand
2826	2903	77	Grey lime
2903	2925	22	Sandy lime
2925	3110	185	Grey lime
3110	3119	9	Sandy lime
3119	3136	17	Lime
3136	3146	10	Sandy lime
3146	3154	8	Lime
3154	3172	18	Lime
3172	3200	28	Sandy lime

LOG OF OIL OR GAS WELL



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

This is a copy of the original report of the well at above date.

OIL OR GAS SANDS OR ZONES

Dose (mg/kg)		Time (h)		Concentration (ng/ml)	
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0

IMPORTANT WATER SAVING

[illegible]

Completion of the wall is expected February 15, 1955 with no increase in production. February 15, 1955 a bridge was set at 2109' and wall placed back to 2050'. Current production is 2,400 cfm from 1100' to 1150' zone.

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, 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 bailing or shots.

HISTORY OF OIL OR GAS WELL.

MURKIN AND CEMENT RECORD

[illegible]

PLUGS AND ADAPTERS

[illegible]

SHOOTING RECORD

[illegible]

TOOLS USED

(Cable tools were used from	feet to	feet and from	feet to
Ratchet rods were used from	feet to	feet and from	feet to

DATE	DESCRIPTION	AMOUNT	CHECK NO.	BANK	INITIALS
10/1/58	...	...	...	...	...
10/2/58	...	...	...	...	...
10/3/58	...	...	...	...	...
10/4/58	...	...	...	...	...
10/5/58	...	...	...	...	...
10/6/58	...	...	...	...	...
10/7/58	...	...	...	...	...
10/8/58	...	...	...	...	...
10/9/58	...	...	...	...	...
10/10/58	...	...	...	...	...
10/11/58	...	...	...	...	...
10/12/58	...	...	...	...	...
10/13/58	...	...	...	...	...
10/14/58	...	...	...	...	...
10/15/58	...	...	...	...	...
10/16/58	...	...	...	...	...
10/17/58	...	...	...	...	...
10/18/58	...	...	...	...	...
10/19/58	...	...	...	...	...
10/20/58	...	...	...	...	...
10/21/58	...	...	...	...	...
10/22/58	...	...	...	...	...
10/23/58	...	...	...	...	...
10/24/58	...	...	...	...	...
10/25/58	...	...	...	...	...
10/26/58	...	...	...	...	...
10/27/58	...	...	...	...	...
10/28/58	...	...	...	...	...
10/29/58	...	...	...	...	...
10/30/58	...	...	...	...	...
10/31/58	...	...	...	...	...

It was well cut the first 24 hours	Gravities, °Bé.	Barrels of fluid of which	% was oil:	Bar to producing	19
consists of: % water; and % sediment.					
Gallons gasoline per 1,000 cu. ft. of gas					

EMPLOYEES

Driller	Driller
Driller	Driller

FORMATION RECORD

[illegible]