

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER L. C. 065649
LEASE OR PERMIT TO PROSPECT _____

Section
9

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Southern Union Production Company Address P. O. box 146 Hobbs, New Mexico
Lessor or Tract Federal Saunders Field Pear Queen State New Mexico
Well No. 5 Sec. 9 T. 20 R. 35 Meridian NMP County Lea
Location 330 ft. N. 1/4 of 11 Line and 660 ft. E. 1/4 of W Line of Sec. 9 Elevation 3676 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 ~~February 10, 1962~~-----

Title **Field Foreman**

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

Commenced drilling 10-12-61, 1961 Finished drilling 10-26-61, 1961

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 5020 to 5030 (G) No. 4, from _____ to _____
 No. 2, from 5033 to 5038 (G) No. 5, from _____ to _____
 No. 3, 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 casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
1 5/8	2.14	8.75	1-55	206	100	100	100	100	100
2 1/2	2.05	8.75	1-55	206	100	100	100	100	100
2 3/8	4.70	8.75	1-55	3013	100	100	100	100	100
HAROLD OF THE CUT CVE MEET									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	218'	150	(Halliburton)		
4-1/2	5062	250			

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
Perf -	5025+ - 5030+ - 5031+ -	5034+ -	5034+ -	Loaded with	50,000 #	
	sand, 30,000 grs. oil and 100 grs	acid				

TOOLS USED

Rotary tools were used from 0 feet to 5063' feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

November 13, 1961 Put to producing _____, 19____
 The production for the first 24 hours was ~~125~~¹⁶⁵ barrels of fluid of which ~~100~~¹⁰⁰% 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

Cactus Drig. Co.	, Driller	Pedigrew	, Driller
Pedigrew	, Driller		, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1945	Red Bed and Shale	Tops: Anhy 1970'
1945	2070	Anhy	Yates 3800'
2070	3510	Salt	7-Rivers 4600'
3510	3940	Anhy	Queen 4620
3940	4190	Sand with oil stringer	T.-Pay 5020'
4190	4570	Dol with Sand stringer	
4570	4720	Sand Slight dol	
4720	5080	Dol with good Sand stringer	

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INVESTIGATIVE FILES DIVISION

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1996年12月15日 星期三 晴

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APPENDIX 1: A SUMMARY OF THE COMPLETION OF THE 2000-2001 FISCAL YEAR

THE UNIVERSITY OF CHICAGO LIBRARY

Ordinary people are not the only ones who are not in control of their lives. The people who are in control of their lives are the people who are not ordinary people.

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SECRET

STATEMENT OF THE WITNESSES

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Figure 1. The effect of the concentration of the *Agrobacterium* suspension on the transformation efficiency of *Agrobacterium* strains. The *Agrobacterium* strains were grown in the YEA medium for 24 h at 28 °C. The cell concentration of the *Agrobacterium* strains was adjusted to 10⁸ cells/ml. The *Agrobacterium* strains were then mixed with the plant cells and cocultured for 48 h. The transformation efficiency was determined by the number of transformants per 10⁶ cells. The data were expressed as the mean ± SD of three independent experiments.

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