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NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPLICATE.

AREA 640 ACRES
LOCATE WELL CORRECTLY

Southern Union Production Company

1104 Burt Bldg., Dallas, Texas

Company or Operator

Address

Katie Allen

Well No. 1

in 1000 ft. of Sec. 1

T. 22 N.

Lease

R. 1 E.

N. M. P. M.

Pulcher Basin

Field,

San Juan

County.

Well is 1600 feet south of the North line and 990 feet west of the East line of Sec. 1

If State land the oil and gas lease is No. Assignment No.

If patented land the owner is Katie Allen

Address c/o Willard Allen, Mont County

Bark, Los Animae, Colorado

If Government land the permittee is

Address

The Lessee is Southern Union Production Company

Address 1104 Burt Bldg., Dallas, Texas

Drilling commenced March 22

19 45

Drilling was completed May 14

19 45

Name of drilling contractor

Address

Elevation above sea level at top of casing 5899 feet.

The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 1080 to Show Gas No. 4, from 2185 to 2130
No. 2, from 1605 to 1810 Show G. No. 5, from to
No. 3, from 2065 to 2080 No. 6, from to

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from 610 to 630 feet. 955 to 975
No. 2, from 680 to 690 feet.
No. 3, from 600 to 610 feet.
No. 4, from to feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED		PURPOSE
							FROM	TO	
15"	60		O.D.	30'		All			Surface
12"	50		O.D.	670'		All			Drilling
8"	35		O.D.	1037'		All			"
7"			O.D.	1783'		All			"
5 1/2"	14		O.D.	2065'		None			Producing
				2130' of 1" Ciplon Line					

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
	6 1/2"	1057'				3 sacks aquagel
	7"	1783'				4 sacks aquagel
	5 1/2"	2065'	42	Halliburton		6 sacks aquagel

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth Set

Adapters—Material Size

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
		Polysified Nitro-glycerin	50 qts.	5-19-45	2085-2135	2185

Results of shooting or chemical treatment Increased flow of gas

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

TOOLS USED

Rotary tools were used from feet to feet, and from feet to feet

Cable tools were used from 0 feet to 2185 feet, and from feet to feet

PRODUCTION

Put to producing 19

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

emulsion; % water; and % sediment. Gravity, Be

If gas well, cu. ft. per 24 hours 310 MCF Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in.

EMPLOYEES

Driller Driller

Driller Driller

FORMATION RECORD ON OTHER SIDE

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

28th

Dallas

Texas

Subscribed and sworn to before me this 28th day of May, 1945

Place Date

Name E. W. Thompson

Position Southern Union Production Company

Representing 1104 Burt Building, Dallas, Texas

Company or Operator

Address

Notary Public

ARLENE RAWLS

My Commission expires Notary Public, Dallas County, Texas

My Commission Expires June 1, 1945

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	15	15	Sand
15	30	15	Sand
30	40	10	Sand - Got 30' 15" Pipe
40	80	40	Gray Sand
80	90	10	Gray Shale
90	165	75	Hard Gray Sand
165	200	35	Gray Sand
200	225	25	Hard Gray Sand
225	245	20	Sand - Hard
245	260	15	Gray Sand
260	300	40	Hard Sand and Shale
300	345	45	Gray Sand
345	385	40	Hard Sand
385	410	25	Gray Sand
410	470	60	Hard Gray Sand
470	505	35	Gray Sand
505	545	40	Sand and Shale
545	560	15	Sand - Gray
560	571	11	Shale
571	575	4	Sand
575	610	35	Gray Sandy Shale
610	630	20	Cavy Shale - hole caving - 4 bbls water per hr. Ran 630' of 12" pipe.
630	650	20	Sand
650	665	15	Sandy Shale
665	690	25	Sand
690	720	30	Shale - 6 bbls water per hr. 665-690'
720	755	35	Gray Shale
755	785	30	Sand and Shale
785	795	10	Sandy Shale
795	810	15	Shale
810	830	20	Hard Sand - Water at 800-810'
830	865	35	Hard, gray sand
865	885	20	Gray Sand
885	895	10	Hard gray Sand
895	935	40	Shale
935	935	0	Sandy Shale
935	1065	130	Shale
1065	1070	5	Shale - Sandy. 1057' of 9" C. ag. - 2 sacks aquagel
1070	1095	25	Sand - Gas
1095	1110	15	Shale - Gas at 1080
1110	1145	35	Gray Shale
1145	1225	80	Shale
1225	1460	235	Shale
1460	1490	30	Sand
1490	1535	45	Shale - Gray
1535	1575	40	Shale
1575	1590	15	Shale - Gray
1590	1610	20	Shale
1610	1635	25	Gray Shale
1635	1675	40	Shale
1675	1700	25	Shale
1700	1730	30	Shale and Shells
1730	1790	60	Shale - 1783' of 7" O. D. Cag. - 4 sacks aquagel
1790	1805	15	Dark Shale - Gas at 1805-1810'
1805	1900	95	Shale
1900	1935	35	Shale - Dark
1935	1985	50	Dark Shale
1985	2005	20	Shale
2005	2025	20	Shale
2025	2037	12	Coal
2037	2045	8	Shale
2045	2064	19	Shale - Gas at 2062'
2065 - Halliburton Measurement			Ran 2065' of 5 1/2" cag. set with 4 sacks of cement and six sacks cement.
2065	2080	15	Gas Sand
2080	2110	30	Sand - Hard
2110	2125	15	Sandy Shale
2125	2130	5	Sand - Increase in Gas
2130	2150	20	Gray Shale
2150	2160	10	Sand and Shale
2160	2185	25	Shale, Gray and Sand Dark
			Shot well with 50 quarts of solidified nitro-glycerin from 2085-2185 Initial Open Flow 32.0 MCF