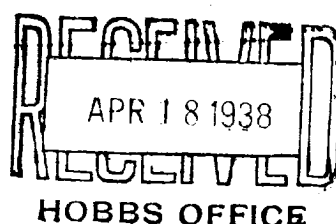


N.

## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

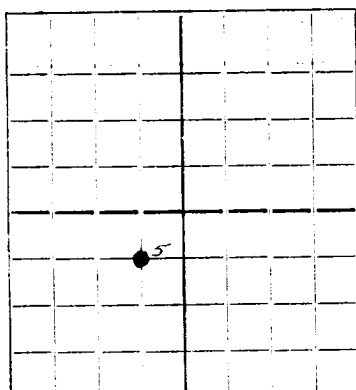
## WELL RECORD



HOBBS OFFICE

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.

DUPLICATE



AREA 640 ACRES  
LOCATE WELL CORRECTLY

SAMEDAN OIL CORPORATION

Hughes

Company or Operator

Lease

Well No. 5 in NE 1/4 SW 1/4 of Sec. 10, T. 23 South

R. 37 East, N. M. P. M., "Skelly" Field, Lea County.

Well is 660 feet south of the North line and 660 feet west of the East line of SW 1/4 Section 10

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

If patented land the owner is Address

If Government land the permittee is Sarah B. Hughes Address Las Cruces 032452

The Lessee is SAMEDAN OIL CORPORATION Address Ardmore, Oklahoma

Drilling commenced 12-19-1937 Drilling was completed 2-11-1937

Name of drilling contractor Donnelly &amp; Sindorf Drlg. Co., Address Ft. Worth, Texas

Elevation above sea level at top of casing 3297 feet.

The information given is to be kept confidential until 19

## OIL SANDS OR ZONES

No. 1, from 3568' to 3590' No. 4, from to

No. 2, from to No. 5, from to

No. 3, from to 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 75 to 110 feet. Hole Full

No. 2, from 175 to 185 feet.

No. 3, from 745 to 880 feet.

No. 4, from to feet.

## CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED FROM TO	PURPOSE
15"	50#			122' 4"		None		
10"	40#			726'		726'		
8-5/8"	32#			1180' 5"				
7"	22#			3365'				

## MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
	15	129'	100	Halliburton		
	10	726'				
	8-5/8"	1185'	75	Halliburton		
	7"	3365'	125	Halliburton		

## 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
4"	string shot	nitroglycerine	115 qts.	2-13-38	3550-3600	3600

Results of shooting or chemical treatment—Production before shot 60 bbls. 24 hours; production after shot 120 bbls. 24 hours.

## 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 toops were used from 0 feet to 3600 feet, and from feet to feet

## PRODUCTION

Put to producing 2-15-1938

The production of the first 24 hours was 120 barrels of fluid of which 100% was oil; %

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

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

Rock pressure, lbs. per sq. in.

## EMPLOYEES

A. C. Hodges, Driller G. D. Short, Driller

E. C. Scott, Driller J. B. Thompson, 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.

Subscribed and sworn to before me this 12th day of April, 1938

Ardmore, Oklahoma April 12, 1938

Name J. J. Kellison

Position

## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	10	10	Sand
10	35	25	Caliche
35	110	75	Water sand
110	175	65	Red bed
175	185	10	Water sand
185	225	40	Gray shale
225	280	55	Blue shale
280	685	405	Red bed
685	880	195	Sand (Water 745-880)
880	900	20	Blue shale
900	950	50	Sandy shale
950	1164	214	Red beds
1164	1285	121	Anhydrite
1285	1300	15	Salt
1300	2470	1170	Anhydrite and salt
2470	3065	595	Anhydrite
3065	3115	50	Anhydrite and lime
3115	3140	25	Anhydrite
3140	3240	100	Anhydrite and lime
3240	3320	80	Anhydrite
3320	3435	115	Lime
3435	3450	15	Lime and shale
3450	3608	158	Lime

History of Oil Or Gas Well

3450	3550	Hard Lime
3550	3560	Broken Lime
3560	3568	Hard Lime
3568	3590	Soft Broken Lime (sandy) show of oil
3590	3593	Hard Lime
3593	3599	Soft Lime
3599	3608	Hard Lime

Production before shot 60 barrels in 24 hours - 2-12-38.

Shot with 115 quarts 3550 to 3600 on 2-13-38

Cleaned out to 3608. Production after shot 120 barrels in 24 hours after shot.

2" Tubing run to 3543 feet.

Packer at 3130 feet.