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## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico, HOBBS OFFICE


AREA 640 ACRES  
LOCATE WELL CORRECTLY

## 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.

DUPLICATE

WESTERN GAS COMPANY 1010 Bassett Tower, El Paso, Texas

Company or Operator

Address

Davis

Well No. 1

33-1-33

of Sec. 33

T. 23

Lease

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

Well is 660 feet north of the south line and 1980 feet west of the East line of Section

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

If patented land the owner is S. F. Davis Estate, Address Jal, New Mexico

If Government land the permittee is, Address

The Lessee is, Address

Drilling commenced February 10, 1938 Drilling was completed March 20, 1938

Name of drilling contractor Henschbach Drilg. Co., Address Dallas, Texas

Elevation above sea level at top of casing 3286 feet.

The information given is to be kept confidential until 19

## OIL SANDS OR ZONES

No. 1, from 2995 to (gas show) No. 4, from to

No. 2, from 3579 to 3584 (oil sand) 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 to feet.

No. 2, from to feet.

No. 3, from to 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
12-1/2	50#		J&L	229				Water
8-5/8	32#		J&L	2561	Baker			Salt
5-1/2	17#		J&L	3362	"			Production

## MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17-1/2	12 1/2	249	250	Halliburton	8.5	
11	8	2577	700	"	9.5	
7-7/8	5 1/2	3375	100	"	10.0	

## 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
200	4"	Nitroglycerine	200 qts.	3-19-38	3482-3590	3601

Results of shooting or chemical treatment Increased production from 10 Bbls. per hour day to 10 Bbls. per hour.

## 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 0 feet to 3601 feet, and from feet to feet

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

## PRODUCTION

Put to producing March 20, 1938

The production of the first 24 hours was 240 barrels of fluid of which 100 % was oil; % emulsion; % water; and % sediment. Gravity, Be.

If gas well, cu. ft. per 24 hours 2,000,000 Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. 1000#

## EMPLOYEES

Tom Rives, Driller E. L. Payne, Driller

P. G. Powell, 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 22nd

Jal, New Mexico, March 22, 1938

Place

Date

day of March, 1938

Name W. K. Davis

Position Petroleum Engineer

Representing Western Gas Company

Company or Operator

My Commission expires Sept. 20, 1941

Jal, N. M., 1010 Bassett Tower,

El Paso, Texas

## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
Surface	1000		Sand, caliche, surface material
	1030		Sand, shale
	1100		Sand, shale, gypsum
	1210		Anhydrite, shale
	1230		lime, anhydrite, shale
	1240		shale, sand
	1450		anhydrite, shale, gypsum
	1610		anhydrite, shale, salt, gypsum
	1780		anhydrite, shale, potash, gypsum
	2480		anhydrite, shale, salt
	2550		anhydrite, shale
	2590		lime, anhydrite, shale
	2655		lime, anhydrite
	2700		lime, anhydrite, sand
	2740		lime, anhydrite
	2765		lime, anhydrite, sand, shale
	2835		lime, anhydrite
	2860		lime, anhydrite, shale
	2885		lime, anhydrite
	2910		lime, anhydrite, sand
	2955		lime, anhydrite, shale, sand
	2985		lime, anhydrite, shale
	3015		lime, anhydrite, sand
	3095		lime, anhydrite, shale
	3105		lime, anhydrite
	3140		lime, anhydrite, shale
	3155		lime, anhydrite, sand
	3175		lime, anhydrite
	3180		lime, anhydrite, shale
	3195		lime, anhydrite, sand
	3200		lime, anhydrite, shale
	3315		lime, anhydrite
	3415		lime, anhydrite, sand
	3430		lime, anhydrite
	3470		lime, anhydrite, sand
	3480		lime, anhydrite
	3505		lime, anhydrite, sand