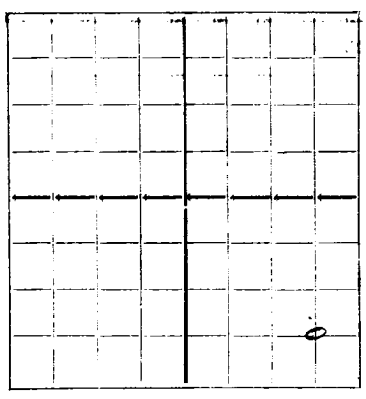
FORM C-105

N.



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

RECEIVED
MAY 6 - 1938
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

WESTERN GAS COMPANY 1010 Bassett Tower, El Paso, Tex.,& Jal, N. M.
Company or Operator — Address

W. T. Matkins Well No. 1 in SE¼ SE¼ Sec. 15, T. 23
Lease

R. 36, N. M. P. M., Lynn Field, Lea County.

Well is 660 feet south of the North line and 660 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 W. T. Matkins, Address Jal, New Mexico

If Government land the permittee is _____, Address _____

The Lessee is _____, Address _____

Drilling commenced 3-18 1938. Drilling was completed 4-28 1938

Name of drilling contractor Herschbach Drlg. Co., Address Dallas, Texas

Elevation above sea level at top of casing 3384 feet.

The information given is to be kept confidential until _____ 19____.

GAS SANDS OR ZONES

No. 1, from 3005 to 3100 No. 4, from _____ to _____

No. 2, from 3250 to 3266 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	PERFORATED TO	PURPOSE
13	40		J&L	311'					water shut-off
8-5/8	32		AOSmith	2895'	HOWCO				salt string
5-1/2	17		J&L	3424	HOWCO				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
15	13	329	300	HOWCO	8.5	
10¾	8-5/8	2911	900	"	9.5	
6¾	5-1/2	3440	100	"	10.5	

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"	Nitro-glycerine.		4-24-38	3540-3640	870

Results of shooting or chemical treatment No results

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 3665 feet, and from _____ feet to _____ feet

Cable tools were used from _____ feet to _____ 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 32,000,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 1320#

EMPLOYEES

P. G. Powell, Driller Tom Rives, Driller

Earnest Nix, 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.

Subscribed and sworn to before me this 3rd. day of May 1938

George C. Kendrick
Notary Public

My Commission expires Sept 20, 1941

Jal, N. Mex. 5-3-38
Place Date

Name W. K. Davis

Position Petroleum Engineer

Representing Western Gas Co.
Company or Operator

Address Jal, N. Mex.

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
SURFACE	1000		sand, calice, shale, red beds
	1220		sand, shale, potash
	1840		anhydrite, shale, potash
	2180		anhydrite, shale, potash gypasum, sand
	2860		anhydrite, salt, shale breaks
	2890		anhydrite, shale
	3005		lime, anhydrite, shale
	3090		lime, sand
	3155		lime, sand, shale
	3180		lime, sand
	3220		lime, sand, shale
	3230		lime, anhydrite, sand, shale
	3340		lime, sand
	3430		lime, sand, potash
	3510		lime, sand, shale
	3530		lime, sand
	3540		lime, shale
	3570		lime, sand, shale
	3638		lime, sand, sandy shale streaks
	3665		lime.

TEST RECORD

An open flow test was made an April 7, 1938, at T. D. 3382. With the drill stem in the hole, the well was allowed to clean itself for 30 minutes, and the tested 32,000,000 cubic feet of sweet gas.

On April 14, 1938, preparations were made for a drill stem test to be made of the formation from 3404-3613. However, the packer rubber failed to hold, and no further test was made,

At T. D. 3638 a Schlumberger test was run below the intermediate string of casing. The 5½" casing was then run to 3440.