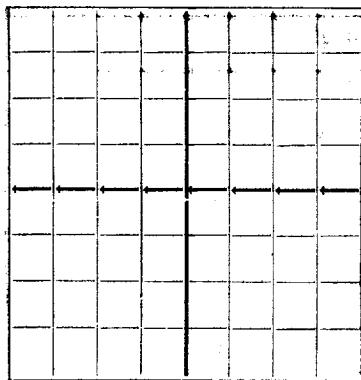


N.

AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

FEE 17 1938

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.

WESTERN GASCOMPANY

JAL, NEW MEXICO

Company or Operator **COWDEN** Well No. **1** in **SE SE SE** of Sec. **30**, T. **23**

Lease **357**, N. M. P. M., **Skelly** Field, **Lea** County.

Well is **330** feet south of the North line and **330** feet west of the East line of **Sec. 30**

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

If patented land the owner is **R. W. Cowden**, Address **ODESSA, Tex.**

If Government land the permittee is _____, Address _____

The Lessee is _____, Address _____

Drilling commenced **November 24**, 19 **38**, Drilling was completed **February 10**, 19 **38**

Name of drilling contractor **American Drig. Co.**, Address **Hobbs, N. M.**

Elevation above sea level at top of casing **3323** feet.

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

OIL SANDS OR ZONES

No. 1, from **3539** to **3945** No. 4, from _____ to _____

No. 2, from **3551** to **3564** 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 **150** to **170** feet. **20'**

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	CFT & FILLED FROM	PERFORATED FROM TO	PURPOSE
12 1/2	40		J&L	205				
9-5/8	36		Smith	2754	Baker			
7"	24		J&L	3383	Baker			

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	12 1/2	225	250	Halliburton	8.5	
11	9-5/8	2770	700	"	9.5	
8 1/2	7	3395	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
250 qt.	4"	Nitro-Glyc.	250qt.	1-22-38	3517-3625	3590

Results of shooting or chemical treatment **Increased production approximately 15 BO/day.**

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 **3440** feet, and from _____ feet to _____ feet

Cable tools were used from **3440** feet to **3625** feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing **January 1**, 19 **38**

The production of the first 24 hours was **65** 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. **850#**

EMPLOYEES

Kimnitz, Driller **Mills**, Driller

Ricli, 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 **12th**day of **February**, 19**38****George B. Kendrick**
Notary PublicMy Commission expires **Sept. 30, 1941**

Jal, New Mexico

Name **W. K. Davis**Position **Petroleum Engineer**Representing **Western Gas Company**Address **Jal, N. Mex.**

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	1100		Surface material, sand, caliche, red beds
	1170		shale and sandy shale
	1500		shale and anhydrite
	1530		shale, anhydrite, salt
	1570		shale, anhydrite
	1600		shale, anhydrite, salt
	1840		shale, anhydrite
	1900		shale, anhydrite, potash
	1940		shale, anhydrite, salt
	2080		shale, anhydrite, salt, potash
	2320		anhydrite, salt, potash
	2370		anhydrite, shale, potash
	2490		anhydrite, shale, salt, potash
	2660		anhydrite, shale, salt
	2785		anhydrite, shale
	2820		lime, anhydrite
	2880		lime, anhydrite, sand
	3000		lime, anhydrite, shale
	3300		lime, shale
	3335		lime, anhydrite, shale, sand
	3425		lime, anhydrite, shale
	3460		lime, shale
	3480		lime, sandy lime.
	3505		lime, shale
	3530		lime, shale, sand
	3625		lime, sand