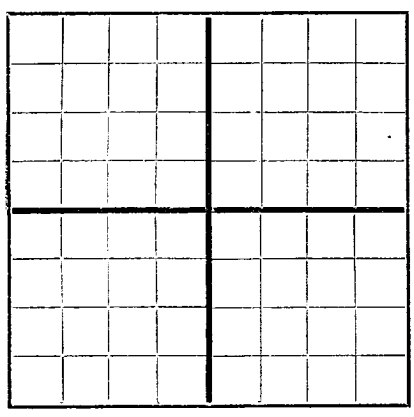
FORM C-105



AREA 640 ACRES
LOCATE WELL CORRECTLY

RECEIVED
MAY

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. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

Barnett & Rector — Box 670, Roswell, New Mexico
Company or Operator — Address

State "C" Well No. 2 in SE¼SE¼ of Sec. 19, T. 17S
Lease

R. 35E, N. M. P. M., Vacuum Field, Lea County.

Well is 330 feet ~~North~~ South of the ~~North~~ line and 330 feet west of the East line of Sec. 19

If State land the oil and gas lease is No. B-1398 Assignment No.

If patented land the owner is , Address

If Government land the permittee is , Address

The Lessee is Shell Oil Company , Address

Drilling commenced March 12, 1950. Drilling was completed May 13, 1950

Name of drilling contractor Sam Sanders , Address Artesia, New Mexico

Elevation above sea level at top of casing feet.

The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 3898 to (SG) No. 4, from 4665 to 4684 (800' OIH)

No. 2, from 4450 to (SO&G) No. 5, from to

No. 3, from 4495 to (200' OIH) 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 41 to 223 (Bkn.) 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
8 5/8	28#	8	Rep.	1814	Guide				Water shut-off
7	20#	8	"	4356	Guide				Oil Prod.

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
13" 0-250)	8 5/8	1814	(75 @ 1814	Halliburton		
11" 250-1814)			(125 @ 250	"		
8 1/4	7	4356	100	"		

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
		15% LST Acid	1000 gal	5-15-50	4639-4684	4684
		15% LST Acid	3000 gal	5-16-50	4639-4684	4684
		15% LST Acid	6000 gal	5-18-50	4639-4684	4684

Results of shooting or chemical treatment Before acidizing, well swabbed 8 bbls oil per day. After 3 acid treatments, well swbd. and flwd. 56 bbls oil daily.

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 1814 feet, and from feet to feet

Cable tools were used from 1814 feet to 4684 feet, and from feet to feet

PRODUCTION

Put to producing May 21, 1950

The production of the first 24 hours was after acidizing 56 barrels of fluid of which 100 % was oil; % emulsion; % water; and % sediment. Gravity, Be 38.5

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

Rock pressure, lbs. per sq. in.

EMPLOYEES

E. K. Bowman, Driller — Bill Martin, Driller

Roy Johnson, Driller — Pat Coles, 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 24th day of May, 1950

Emerson B. Lockhart
Notary Public

My Commission expires My Commission Expires February 28, 1954

Roswell, New Mexico May 24, 1950
Place Date

Name John A. Barnett

Position John A. Barnett, Agent

Representing Barnett & Rector
Company or Operator

Address Box 670, Roswell, New Mexico.

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	25	25	Caliche & Red Bed
25	41	16	Sand
41	233	192	Sand (water)
233	598	365	Red Bed
598	1600	1002	Red Bed, Red Sand, Shale & Gyp
1600	1814	214	Sand, shale and Anhydrite Shells
1814	1855	41	Shale & Anhydrite Shells
1855	1935	80	Shale & Salt
1935	2025	90	Salt & Red Shale
2025	2625	600	Salt
2625	2663	38	Salt
2663	2670	7	Anhydrite
2670	2695	25	Salt & Shale
2695	2810	115	Salt
2810	2915	105	Anhydrite & Shale
2915	2975	60	Anhydrite
2975	3140	165	Anhydrite & Shale
3140	3190	50	Anhydrite
3190	3360	170	Anhydrite & Shale
3360	3660	300	Anhydrite
3660	3815	155	Anhydrite & Shale
3815	3840	25	Anhydrite
3840	3895	55	Anhydrite & Shale
3895	3915	20	Sand
3915	4025	110	Anhydrite
4025	4165	140	Anhydrite & Shale
4165	4192	27	Anhydrite
4192	4205	13	Lime
4205	4305	100	Anhydrite & Shale
4305	4684	379	Lime
			TD