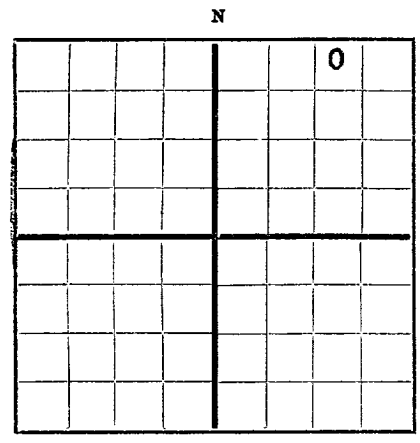
DUPLICATE

FORM C-105



AREA 640 ACRES
LOCATE WELL CORRECTLY

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 (Company or Operator) Box 670 (Address) Roswell, New Mexico

State "E" (Lease) Well No. 1 in NE¼NE¼ of Sec. 30, T. 17S

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

Well is 330 feet south of the North line and 990 feet west of the East line of Sec. 30

If State land the oil and gas lease is No. B-2423 Assignment No. 7

If patented land the owner is ....., Address .....

If Government land the permittee is ....., Address .....

The Lessee is Shell Oil Co., Address .....

Drilling commenced Oct. 28, 1949 Drilling was completed January 1, 1950

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

Elevation above sea level at top of casing 3981 feet.

The information given is to be kept confidential until - 19.....

OIL SANDS OR ZONES

No. 1, from 4420 to 4434 No. 4, from ..... to .....

No. 2, from 4608 to 4631 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 40 to 253 feet.

No. 2, from 430 to 460 feet.

No. 3, from 690 to 715 feet.

No. 4, from 1718 to 1725 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	New H-40	1795	Cmtg.				Wtr.
7" OD	20	8	New J-55	4328	Cmtg.				Oil String

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"-0-300)	8 5/8	1795	75 @ 1795'	Halliburton		
11" - 300-1800)			125 @ 290'	"		

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
		20% Acid	1000 Gal.	12-21-49	4599-4631	4631
		20% Acid	3000 Gal.	12-26-49	4599-4631	4631
		20% Acid	1000 Gal.	12-31-49	4642-4666	4666

Results of shooting or chemical treatment Acidizing increased prod. from 1½ bbls. oil per hour (Swbg.) to 2 bbls oil per hour (swbg. & flwg.)

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 1800 feet, and from ..... feet to ..... feet

Cable tools were used from 1800 feet to 4666 feet, and from ..... feet to ..... feet

PRODUCTION

Put to producing January 1, 1950

The production of the first 24 hours was 48 barrels of fluid of which 100 % was oil; ..... % emulsion; ..... % water; and ..... % sediment. Gravity, Be. 37°

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

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

EMPLOYEES

Roy Johnson, Driller Pat Coles, Driller

E. W. Bowman, Driller Bill Martin, 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 January, 1950

W. Vaughan
Notary Public

My Commission expires 10/24/53

Roswell, New Mexico (Place) January 3, 1950 (Date)

Name John A. Barnett

Position Agent

Representing Barnett & Rector (Company or Operator)

Address Box 670, Roswell, New Mexico

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0 -	25	25	Gyp
25	35	10	Sand
35	40	5	Gyp
40	253	213	Sand
253	280	27	Sand
280	310	30	Red Bed
310	330	20	Hard Sand
330	365	35	Red Bed
365	415	1650	Hard Gyp
415	430	15	Red Bed
430	460	30	Sand (water)
460	504	44	Red Bed
504	555	51	Red Bed
555	561	6	Gyp
561	590	29	Red Bed
590	595	5	Tough blue shale
595	600	5	Gyp
600	690	90	Red Bed
690	715	25	Sand (water)
715	760	45	Red Bed
760	800	40	Red Sand
800	1000	200	Red Bed
1000	1130	130	Red Bed
1130	1165	35	Red Sand
1165	1185	29	Red Bed
1185	1270	85	Red Bed w/gyp rock shells
1270	1350	80	Red Bed
1350	1360	10	Sand & Shells
1360	1425	65	Red Sand
1425	1570	145	Red Bed
1570	1600	30	Red Bed
1600	1646	46	Sandy Shale
1646	1676	30	Hard Sand & Anhydrite shells
1676	1694	18	Sandy Shale
1694	1705	11	Broken shells
1705	1710	5	Hard Sand
1710	1718	8	Anhydrite
1718	1725	7	Sand (water), gray and light blue
1725	1730	5	Sandy shale
1730	1759	29	Hard sandy shale
1759	1790	31	Red shale & lime shells
1790	1797	7	Sandy shale
1797	1800	3	Anhydrite
1800	1825	25	Anhydrite, shale
1825	1890	65	Anhydrite, sand & salt
1890	1970	80	Salt, anhydrite shells
1970	2580	610	Salt
2580	2605	25	Anhydrite
2605	2715	110	Salt
2715	2755	40	Anhydrite
2755	2830	75	Anhydrite & shale
2830	2890	60	Anhydrite
2890	3030	140	Anhydrite & shale
3030	3125	95	Anhydrite
3125	3250	125	Anhydrite & shale
3250	3770	520	Anhydrite SLM corr. 3755=3770
3770	3915	145	Anhydrite
3915	4005	90	Anhydrite & Lime shells
4005	4115	110	Lime & Anhydrite
4115	4146	31	Anhydrite
4146	4165	19	Lime
4165	4210	45	Anhydrite
4210	4280	70	Lime & anhydrite
4280	4666	386	Lime
			TD