

Santa Fe, New Mexico

## NOTICE OF INTENTION TO DRILL

Notice must be given to the Oil Conservation Commission or its proper agent and approval obtained before drilling begins. If changes in the proposed plan are considered advisable, a copy of this notice showing such changes will be returned to the sender. Submit this notice in triplicate. One copy will be returned following approval. See additional instructions in Rules and Regulations of the Commission.

Box 670

Roswell, New Mexico

Nov. 7, 1949

Place

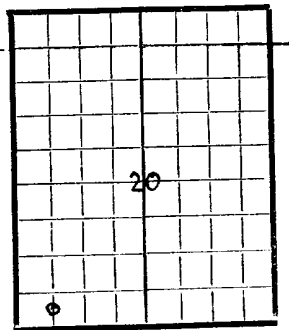
Date

OIL CONSERVATION COMMISSION,  
Santa Fe, New Mexico,

Gentlemen:

You are hereby notified that it is our intention to commence the drilling of a well to be known as  
**Barnett & Rector** State **NM** well No. **1** in **SW1/4**

Company or Operator **Barnett & Rector** Lease **Vacuum** Field, **Lea** County.  
of Sec. **20**, T. **17S**, R. **35E**, N. M., P. M.,  
N The well is **330** feet (N.) (**3**) of the **South** line and **660** feet  
(E.) (**W**) of the **West** line of **Sec. 20**



AREA 640 ACRES

LOCATE WELL CORRECTLY

(Give location from section or other legal subdivision lines. Cross out wrong directions.)

If state land the oil and gas lease is No. **B-2245** Assignment No. \_\_\_\_\_

If patented land the owner is \_\_\_\_\_

Address \_\_\_\_\_

If government land the permittee is \_\_\_\_\_

Address \_\_\_\_\_

The lessee is \_\_\_\_\_

Address \_\_\_\_\_

We propose to drill well with drilling equipment as follows: \_\_\_\_\_

**Notary to about 1800'; Cable tools from about 1800' to about 4700'**

The status of a bond for this well in conformance with Rule 39 of the General Rules and Regulations of the Commission is as follows: **Blanket bond already filed**

We propose to use the following strings of casing and to land or cement them as indicated:

Size of Hole	Size of Casing	Weight Per Foot	New or Second Hand	Depth	Landed or Cemented	Sacks Cement
(0-250) 13"	8 5/8"	28#	New	1800	Cemented	(75 on bottom & 100 from 250' back to surface)
(250-1800) 11"	7" OD	20#	New	4400	Cemented	75

If changes in the above plan become advisable we will notify you before cementing or landing casing. We estimate that the first productive oil or gas sand should occur at a depth of about **4450** feet.

Additional information: The 8 5/8" casing will be cemented with not less than 75 sacks of cement at the bottom; then a string of 1" pipe will be run down to 250' on the outside of the 8 5/8" casing, and cement circulated from that point on back to surface.

Approved \_\_\_\_\_, 19\_\_\_\_  
except as follows:

Sincerely yours,

**Barnett & Rector**

Company or Operator

By John A. Barnett

John A. Barnett

Position **Co-Owner**

Send communications regarding well to:

Name **Barnett & Rector**Box 670,  
Address **Roswell, New Mexico**

OIL CONSERVATION COMMISSION,

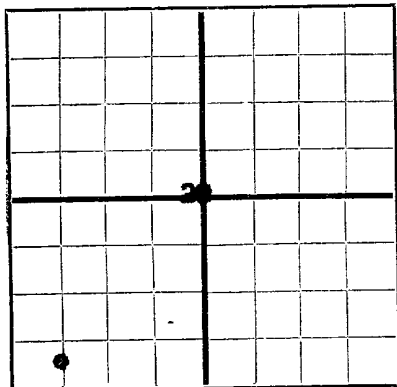
By

Title

Ray Garbrough



N

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New MexicoAREA 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 TRIPPLICATE. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

**Barnett & Rector** P.O. Box 670 Roswell, New Mexico  
Company or Operator Address  
State "N.M." Well No. 1 in SW1/4 of Sec. 20, T. 17 S.  
Lease  
R. 35 E, N. M. P. M., Vacuum Field, Lea County.  
Well is 330 feet south of the North line and 660 feet west of the East line of Sec. 20  
If State land the oil and gas lease is No. E-2245 Assignment No.  
If patented land the owner is Address  
If Government land the permittee is Address  
The Lessee is Address  
Drilling commenced Nov. 11, 1949 Drilling was completed Mar. 10, 1950  
Name of drilling contractor Sam Sanders Address Artesia, New Mexico  
Elevation above sea level at top of casing 3979 feet.  
The information given is to be kept confidential until 19

## OIL SANDS OR ZONES

No. 1, from 4462 to 4470 (880) No. 4, from to  
No. 2, from 4560 to 4620 (Bkn. -011) No. 5, from to  
No. 3, from 4630 to 4652 ( " " ) 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 229 feet.  
No. 2, from 1721 to 1730 feet.  
No. 3, from 1784 to 1789 feet.  
No. 4, from to feet.

## CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED		PURPOSE
8 5/8	28	8	(New-B40)	1805	Larkin				Water shut-off
7	20	8	(New-J55)	3881	"				Gas shut-off
5 1/2	15 1/2	8	(New-J55)	4347	Brown	3721			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" 0-250)	8 5/8	1805	75 @ 1805'	Halliburton		
11" 250-1805)			125 @ 250'	"		
8 1/2	7	3881	75	"		
6 1/2	5 1/2	4347	40	"		

## 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
4"	None	SCAE No. 1	240 lbs.	3-13-40	4560-4656	

Results of shooting or chemical treatment (See Subsequent Report of Shooting - to be submitted after hole is cleaned out and production test made)

## 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 1810 feet, and from feet to feet  
Cable tools were used from 1810 feet to 4656 feet, and from feet to feet

## PRODUCTION

Put to producing March 10, 1950  
The production of the first 24 hours was 46 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.

## EMPLOYEES

Roy Johnson, Driller Bill Martin, Driller  
E. H. Bowman, 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 20th day of March, 1950  
Roswell, New Mexico, Mar. 20, 1950  
Name John A. Barnett  
Position Agent  
Representing Barnett & Rector  
Company or Operator  
Address Box 670, Roswell, New Mexico.  
My Commission expires Feb. 28, 1950

## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	40	40	Rock
40	50	10	Clay
50	55	5	Rock
55	150	95	Sand
150	229	79	Sand - Water
229	915	686	Red Bed
915	942	27	Sandy Shale
942	1087	145	Red Bed and Gyp Shells
1087	1242	155	Red Bed
1242	1414	172	Red Bed and Gyp shells
1414	1500	86	Red Bed
1500	1599	99	Sandy Shale
1599	1575	16	Hard Sand
1575	1600	25	Sand & Red bed
1600	1670	70	Sand
1670	1710	40	Shale and Anhydrite
1710	1721	11	Anhydrite
1721	1730	9	Sand - Water
1730	1739	9	Anhydrite
1739	1768	29	Anhydrite and Lime
1768	1784	16	Anhydrite
1784	1789	5	Sand - Water
1789	1797	8	Anhydrite
1797	1804	7	Sand
1804	1810	6	Anhydrite
1810	1845	35	Anhydrite, Salt & Red Shale
1845	1925	80	Salt
1925	2005	80	Salt & Shale
2005	2615	610	Salt
2615	2660	45	Anhydrite & Shale
2660	2760	100	Salt
2760	2830	70	Anhydrite & Shale
2830	2890	60	Anhydrite
2890	3035	145	Anhydrite & Shale
3035	3235	200	Anhydrite
3235	3265	30	Anhydrite & Shale
3265	3985	320	Anhydrite
3585	3640	55	Anhydrite & Shale
3640	3690	50	Anhydrite
3690	3740	50	Anhydrite & Shale
3740	3790	50	Anhydrite (Broken) & Shale
3790	3847	57	Anhydrite & Shale
3847	3863	16	Red Sand (7,100,000 c.f. non-inflammable gas @ 3861-3863')
3863	3881	18	Lime & Anhydrite
3881	3895	14	Lime
3895	3902	7	Lime
3902	3917	15	Anhydrite
3917	4080	163	Anhydrite & Shale
4080	4120	40	Anhydrite
4120	4157	37	Anhydrite & Shale & Lime
4157	4192	36	Anhydrite & Lime
4193	4235	42	Anhydrite & Shale
4235	4278	43	Anhydrite
4278	4656	378	Lime - Total Depth