

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

Form C-101
Revised (12/1/55)

NOTICE OF INTENTION TO DRILL

Notice must be given to the District Office of the Oil Conservation Commission and approval obtained before drilling or recompletion 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 QUINTUPPLICATE. One copy will be returned following approval. See additional instructions in Rules and Regulations of the Commission. If State Land submit 6 Copies Attach Form C- 128 in triplicate to first 3 copies of form C-101

Farmington, New Mexico
(Place)

May 19, 1959
(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

FRANK A. SCHULTZ

(Company or Operator)

State

12-16

, Well No.

, in

The well is

(Lease)

(Unit)

located 1,515 feet from the west

line and 790

feet from the

south

line of Section 16

T. 27-N

R. 8-W

, NMPM.

(GIVE LOCATION FROM SECTION LINE)

Blanco Mesa Verde

Pool,

San Juan

County

If State Land the Oil and Gas Lease is No. E-6634

If patented land the owner is

Address

We propose to drill well with drilling equipment as follows:

Rotary tools

The status of plugging bond is On file in Santa Fe

Drilling Contractor

We intend to complete this well in the Mesa Verde

formation at an approximate depth of 5,500 feet.

CASING PROGRAM

We propose to use the following strings of Casing and to cement them as indicated:

Size of Hole	Size of Casing	Weight per Foot	New or Second Hand	Depth	Sacks Cement
13-3/8	10-3/4	28#	New	175	175
9-7/8	7-5/8	26#	New	Base of Cliff Hse.	250
6-1/4	5-1/2	15#	New	Liner to 5500'	150
	2-3/8 Tubing	6.5#	New	5500	None

If changes in the above plans become advisable we will notify you immediately.

ADDITIONAL INFORMATION (If recompletion give full details of proposed plan of work.)

Approved
Except as follows:

5-20, 1959

Sincerely yours,

FRANK A. SCHULTZ
(Company or Operator)

By

C. Beeson Neal, Agent in Farmington

Position

Send Communications regarding well to

Name C. Beeson Neal

Address Box 728 - Farmington, New Mexico

OIL CONSERVATION COMMISSION

By

Section A.

FRANK A. SCHULTZ

Date May 18, 1959

1. Is the Operator the only owner* in the dedicated acreage outlined on the plat below?
Yes X No .

2. If the answer to question one is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? Yes No . If answer is "yes,"
Type of Consolidation

3. If the answer to question two is "no," list all the owners and their respective interests below:

Owner

Land Description

Section. B

E-6634	E-6634		
E-6634	E-6634	16	
E-6634	E-6634		
E-6634	E-6634		

Diagram in bottom-left cell:

Horizontal line with arrow pointing right: 1515

Vertical line with arrow pointing down: 100

RECEIVED
APR 20 1959
OIL CON. COM.
DIST. 3

This is to certify that the information in Section A above is true and complete to the best of my knowledge and belief.

FRANK A. SCHULTZ
(Operator)

(Representative)
C. Beeson Neal
Box 728 - Farmington, N.M.
Address

This is to certify that the well located and shown on the plat in Section E was located from field notes of a land survey made by me or under my supervision and that the same is true to the best of my knowledge and belief.

Date Surveyed **May 13, 1959**

Ernest V. Echohawk
Registered Land Surveyor.

Certificate No. 1545



OPEN FLOW TEST DATA

DATE August 21, 1959

Operator Frank A. Schultz	Lease State No. 12-16
Location 7908, 1515W; 16-27-8	County San Juan State New Mexico
Formation Mesa Verde	Pool Blanco
Casing Diameter 5-1/2 Ser. At. Feet 4675	Tubing Diameter 2" Ser. At. Feet 4581
Pay Zone From 4452 To 4602	Initial Depth c/o 4621 Shut in: 6/20/59
Stratigraphic Method Sand Water Frac.	Flow Through Tubing X

Choke Size, inches .75	Choke Constant 12.365	Shut-in Pressure, Tubing 992	PSIG 1004
Shut-in Pressure, Casing 1069	PSIG 1081	Working Pressure, Pw 806	PSIA 818
Flowing Pressure, P 359	PSIG 371	Flow from Tubing 1.049	PSIA .752
Temperature 72	.75		

CHOKED VOLUME $Q = C \times P_1 \times P_2 \times P_3 \times P_4 \times P_5$

$$C = 12.365 \times 371 \times .9887 \times .8944 \times 1.049$$

4255

MCF/D

OPEN FLOW $Q = Q$

$$\left(\frac{P_1^2 - P_2^2}{P_1^2 - P_2^2} \right)^n$$

Act

$$\left(\frac{1168561}{499437} \right)^n$$

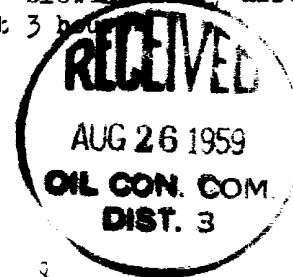
$$2.3397^{.75} \times 4255 = 1.8900 \times 4255$$

Act

8042

MCF/D

Unloaded slug of yellow oil and water through tubing in 2 minutes. Blew light yellow oily fog steady for 1 hour. Blowing heavy distillate and water vapor at 3 hours.



Lewis D. Galloway
L. D. Galloway

By **S. V. Roberts**

Witnessed by **Virgil Stoabs (B.M.G.)**