OGCC-Form 1

00269990

COLORADO OIL AND GAS CONSERVATION COMMISSION
SUNDRY NOTICES AND REPORTS OF WELLS

RECEIVED
SEP 11 1952
OIL & GAS
CONSERVATION COMMISSION

(Indicate nature of data by checking below)

Notice of intention to drill
Notice of intention to change plans
Notice of date for test of water shut-off
Report on result of test of water shut-off
Notice of intention to re-drill or repair well
Notice of intention to clean out well
Statement of shooting
Statement of perforating
Notice to pull or otherwise alter casing
Notice of intention to abandon well
Report of work done on well since previous report X

Following is a ~~(notice of intention to do work)~~ (report of work done) ~~(Stateland)~~ (patented) September 9, 1952 described as follows:

Colorado (State) Logan (County) Mt. Hope (Field)

16 (Well No.) C. F. Green "B" (Lease) SE/4 19 (Sec. and ¼ Sec.) 19 (Twp.) 53W (Range) (Meridian)

The well is located 991 ft. (N) ~~(S)~~ of S. Line and 1015 ft. ~~(E)~~ (W) of E. Line

The elevation above sea level is 4214 D. F. ft.

Details of Plan of Work: (State names of and expected depths to objective sands: Show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work.)

7-28-52 Spudded. Ran cement 8 5/8" casing at 606' with 300 sacks.
8-4-52 Drilled to 4989'. Sample copy of 'Muddy' 4881-4883' sand pinpoint to trace visible porosity. Light scattered oil stain and SF. Good ECF. Core No. 1 4883-4918. Recovered 35' 4883-4884½' shale, 4884½-4896' sand with shale siltstone. Sample Top Dakota 4981. 4981-4984 sand pinpoint porosity. No shows. 4984-4989 sand pinpoint porosity. Light scattered oil stain good SF and ECF. Drill stem test No. 1 4981-4989 open 1 hour. Shut in 35 minutes. Instant weak blow increased to good blow in 6 minutes. Gas to surface in 60 minutes. Establish 3 MCF per day.
8-5-52 Drilling 5005-sand drill stem test No. 1 4981-4989' open 1 hour. Recovered 20' clean oil and 100' heavy oil cut mud. BHP 1350 ps. (35 minutes) drill stem test No. 2 4989-5001' open 2 hours. Instant weak to good blow in 16 minutes. Gas to surface in 79 minutes. Flowed gas at rate 9 MCF per day. Recovered 100' of oil 20' oil and water cut mud API 37 degrees. BHP 1325 (30 minutes)
8-6-52 Drill stem test No. 3 4881-4898. Sample description 5005-5020' sand. No show. 5020-5024 shale 5024-5028 sand tite no show. 5028-5042 shale, 5042-5055 sand with streaks shale trace of visible porosity. No show. Ran Schlumberger. (over)

Approved: SEP 11 1952
J. J. Zarichak
Director

Company Shell Oil Company
Address Denham Bldg., Denver, Colorado
By W. G. Isabnet
FOR J. E. GRAY
Title Division Production Manager

Submit reports of proposed work, for approval, on this form in Duplicate for patented lands and in Triplicate for school and state lands.

8-7-52 Drill stem test No. 3 4881-4898 open 1 hour instant weak blow continued for 20 minutes. Recovered 120' mud. Drill stem test No. 4 4881-4898' open 2 hours. Recovered 176' mud cut water with rainbow oil instant flow pressure and final flow pressure.

8-11-52 TD 5055 run casing 4 ½" cement at 5047 with 175 sacks

8-12-52 Perforated 4992-94 with 4-18 gram jets. Recovered 10 gallons per hour for first half hour. 35 gallons next 1 ½ hours.

8-13-52 Running tubing swabbed 20 barrels of oil(load) then swabbed 8 barrels of oil. No water 11 hours. Pulled tubing.

8-14-52 Loaded hole with 72 barrels of oil. Broke form at 1900#. Pumped 75 barrels of oil into form thru perforation 4984-94.

8-15-52 Swabbed 36 barrels of load oil 5 new oil 24 hours.

8-18-52 Installing pumping unit. Ran tubing and rods. Moved out cable tool.

8-21-52 Prep. to put on pump.

8-25-52 Pumped 53 barrels load oil, 16 barrels new oil, no water in 9 hours.

8-26-52 Pumped 36 barrels of oil, no water in 24 hours.

COMPLETE

Schlumberger Formation Tops.

Niobrara 4049
Timpas 4370
Greenhorn 4614
'Muddy' 4868
Dakota 4978