

226-16

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

(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)~~ May 15 1952
(report of work done) ~~(On land)~~ (patented) described as follows:

Colorado Logan Mt. Hope
State County Field

16 C. F. Green "A" NW/4 Section 30 9N 53W ---
(Well No.) (Lease) (Sec. and $\frac{1}{4}$ Sec.) (Twp.) (Range) (Meridian)

The well is located 330 ft. (N) of N. Line and 990 ft. (E) of ---
W. Line. (S) (W)

The elevation above sea level is 4193 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.)

4-16-52 Drilling 6295, anhydrite.

4-21-52 Drilled to 6521. D.S.T. No.1 6483-97. Open 1 hour and 20 minutes. Instant hard blow to very hard in 3 minutes. Estimated flow 2 million cubic feet per day. Gas would not burn. Apparently heavier than air. No odor. No liquid recovery. I.B.H.F.P. 1775. FBHFP 1125. 30 minutes. Shut in 2750. Core No.2 6497-6520. Recovered 22 ft. Anhydrite and dolomite with shale laminations.

4-22-52 Core No.3 6520-43. No recovery.

4-23-52 Core No.4 6543-60. Recovered 11 feet. Anhydrite with streaks of shale and dolomite. Core No.5 6560-82. Recovered 22 ft. Anhydrite with streaks of shale and dolomite.

4-24-52 Core No.6 6582-6605. Recovered 10 ft. Dolomite with anhydrite inclusions. Faint spotted sample fluorescence. Slight oil stain. Some odor and bleeding black oil at 6586-87. Core No.7 6505-06. Recovered 1 foot. Dolomite. Very argillaceous. H₂S odor. Core No.8, 6606-20. Drill pipe parted at 1800'. Fished for and recovered drill pipe. (Continued on reverse side.)

Approved: MAY 18 1952

Company Shell Oil Company

Address Denham Building, Denver, Colo.

By [Signature]

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.

- 4-25-52 Core No.8, 6606-20. Recovered $9\frac{1}{2}$ feet. Lime and dolomite. Faint to fair sample fluorescence. Strong rotten odor. D.S.T. No.2 6578-6620. Open 1 hour. Weak blow for 4 minutes. Continued intermittently. Recovered 200' mud. No show. I & FBHFP zero.
- 4-28-52 Core No.9 6620-70. Recovered 50 ft. Dolomite tight, with none to heavy brown oil stain to 6257 $\frac{1}{2}$. 6657 $\frac{1}{2}$ -70, anhydrite with veins of dolomite. D.S.T. No.3, 6645-70. Open 45 minutes, instant weak blow, dead in 6 minutes. Recovered 10 ft. mud, no shows oil or gas. I & FBHFP zero.
- 4-29-52 Core No.10, 6670-6720. Recovered 50 ft. Dolomite, shale and anhydrite. 6687-92 bleeding heavy black oil along joint planes.
- 4-30-52 Core No.11 6720-6770. Recovered 42 feet. Dolomite and limestone. Trace dead black oil stain.
- 5-1-52 Core No.12 6770-6810. Recovered 40 feet. Dolomite and limestone, No shows.
- 5-2-52 Core No.13 6810-6860. Recovered 50 feet. Dolomite and limestone, No shows.
- 5-5-52 Core No.14 6860-99. Recovered 39 feet. Dolomite and limestone bleeding water on fresh breaks. Core No.15, 6899-6915. Recovered 16 feet. Limestone. Dense, hard, no shows.
- 5-7-52 Core No.16, 6915-65. Recovered 50 feet. Limestone, dolomite, shale, trace dead oil stain in limestone 6949-52. D.S.T. No.4 6842-6965. Open 1 hour. Instant strong blow. Dead in 30 minutes. Recovered 5865 feet of water. IBHFP 2250, FBHFP 2550.
- 5-9-52 Core No.17, 6965-7015. Recovered 50 ft. Dolomite and limestone. No shows.
- 5-12-52 Core No.18, 7015-7065. Recovered 50 feet. Siltstone, limestone, and dolomite. No shows.
- 5-13-52 Core No.19, 7065-7111. Recovered 46 feet. Limestone with interbedded siltstone and shale. 7010 $\frac{1}{2}$ -7011 sand, tight, no show.
- 5-14-52 Core No.20, 7111-7133. Recovered 22 feet. Limestone. Dense to porous. No shows. Drilled to 7360.
- 5-15-52 Drilling 7210, limestone.