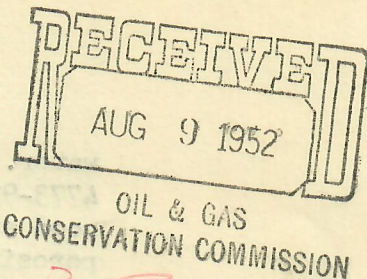




COLORADO OIL AND GAS CONSERVATION COMMISSION
SUNDRY NOTICES AND REPORTS OF WELLS



(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~~) August 8 19 52
 (report of work done) (~~On-land~~) (patented) described as follows:

<u>Colorado</u>	<u>Logan</u>	<u>Dale</u>
State	County	Field

<u>1</u>	<u>J. Knifton</u>	<u>NW/4 Sec 23</u>	<u>8N</u>	<u>53W</u>	<u>-</u>
(Well No.)	(Lease)	(Sec. and $\frac{1}{4}$ Sec.)	(Twp.)	(Range)	(Meridian)

The well is located 330 ft. (N) of north line and 330 ft. (E) of west line
 (S) (W)

The elevation above sea level is 4083 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.)

6-27-52 Rigging up rotary tools.
 6-30-52 Ran and cemented 8 5/8" casing at 614' with 450 sacks.
 7-7-52 Drilled to 4710'. Sample top 'Muddy' 4645. 4645-48 Sand, none to fair porosity, trace of light oil stain. Good SF & ECF. Core No. 1 4648-50 recovered 2 feet sand as above. Core No. 2 4650-57. Recovered 7'. Sand as above with streaks of shale. Drill stem test No. 1 4646-57. Open 47 minutes. Gas in 5 minutes. Oil in 41 minutes. Flowed water free oil at rate of 45 barrels per hour for 6 minutes. IFP 625 FFP 1350 30 minutes. shut-in 1750. Hydro 3750. Core No. 3 4657-69 Recovered 10 1/2'. 4657-62 Shale with streaks of siltstone. No show.
 7-8-52 Drilled to 4773. Sample top Dakota 4757 (-674) 4757-59 Sand tight. No show. 4759-73 Sand, none to trace of fair porosity, none to trace of light oil stain, faint SF, fair ECF. Drill stem test No. 2 4759-73 open 1 hour. Instant strong blow. Gas in 5 minutes. Recovered 190' oil, 90' slightly mud cut oil, and 90' heavily oil and gas-cut mud, no

Approved: AUG 9 1952

Company Shell Oil Company (over)

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.

- water. IFP 125, FFP 375. 30 minute SI 1350 Hydro 2650. Core No. 4 4773-93. Recovered 19½ feet. 4773-80 sand, none to fair porosity, good even oil stain, SF and ECF. 4780-85 Sand and shale, no visible porosity, none to fair oil stain, SF and ECF 4785-90 Sand, trace of porosity, good oil stain, fair SF and ECF 4790-92½ Sand and shale. Sand, tight, no show.
- 7-9-52 Drill stem test No. 3 4774-93. Open 67 minutes. Instant strong blow. Gas in 3 minutes. Blow decreased to weak in 18 minutes. Mud to surface 55 minutes. Oil in 58 minutes. Flowed at rate of 50 barrels per hour for nine minutes. No water. IFP 675 FFP 900 30 minutes SI 1320
- 7-10-52 Core No. 5 4793-4813 Recovered 20' 4793-95 sand, trace of visible porosity, streaks of light oil stain, streaks of good SF and ECF 4795-4800 Sand, generally tight, no show. 4800-03 Shale 4813-07 Sand, no show. 4807-13 Shale and siltstone.
- 7-11-52 Core No. 6 4813-58. Recovered 45'. Shale and sand. Sand with trace of porosity, no show.
- 7-15-52 Drilled to TD 5263. Ran Schlumberger
- 7-16-52 Cemented 4½" at 4861 with 200 sacks.
- 7-17-52 Ran temperature survey. Moved out rotary tools.
- 7-18-52 Moved in cable tools. Swabbed and bailed hole dry.
- 7-21-52 Loaded hole with 45 barrels of oil. Perforated 4794-96 with 8 sets. Swabbed and flowed by heads.
- 7-24-52 Killed well with 56 barrels of oil. Pulled tubing. Perforated 4785 to 4794 with 36 10-gm shots. Ran tubing and loaded hole with oil.
- 7-25-52 Swabbed and flowed 18 barrels load of oil and 199 barrels new oil in 24 hours. Testing.
- 8-8-52 Flowed 96 barrels of oil, 3 barrels of water in 24 hours thru 48/64" choke

COMPLETE

Schlumberger Formation Tops:

Niobrara	3793
Timpas	4128
Greenhorn	4375
'Muddy'	4645
Dakota	4756