FORMATION RECORD—Continued

ILLEGIBLE

FROM—	TO—	TOTAL FEET	FORMATION
[illegible]	[illegible]	[illegible]	Brown lime
[illegible]	[illegible]	[illegible]	Lime and [illegible]
[illegible]	[illegible]	[illegible]	Brown sandy lime
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Lime
[illegible]	[illegible]	[illegible]	Brown lime
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Lime and shale [illegible]
[illegible]	[illegible]	[illegible]	Lime
[illegible]	[illegible]	[illegible]	Lime and shale. Top of shale @ 7171'
[illegible]	[illegible]	[illegible]	Shale and sand
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
7701	7702	1	Lime and shale
7702	7728	26	Shale and sand
7728	7745	17	Shale and sandy lime
7745	7753	8	Lime and shale
7753	7770	17	Shale
7770	7794	24	Lime and shale
7794	7801	7	Sand and shale
7801	7812	11	Shale and lime
7812	7819	7	Sand and shale
7819	7829	10	Lime and shale
7829	7920	91	Dolomite
7920	7958	38	Dolomite and sand
7958	7964	6	Dolomite
7964	7966	2	Dolomite and chert
7966	7969	3	Chert
7969	7971	2	Quartz

Cemented 7" casing at 7971' with 350 sacks. Ran temperature survey and found top of cement at 6470'. Perforated casing with two 1/2" holes at 6460' and squeezed with 600 sacks. Ran temperature survey and found top of cement at 6710'.

Perforated 7" casing in pay section with four 1/2" holes per foot from 7930 to 7956'. Displaced drilling mud with 100 barrels lease crude, this with all them equipped well in. After well was flowed [illegible] and element up it was turned into tanks and flowed 25 barrels oil per hour on a seven hour test.

Well released at 4:00 A.M. August 31, 19--.

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "jointacked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

DRILL STEM TESTS

5094'-5141' Tool open 3 hours and 50 minutes. Gas to surface in 30 min. Recovered 1 joint oil cut mud; 500' clean oil; 200' oil and gas cut mud; 15 gal. water and oil cut mud.

5164'-5191' Tool open 3 hours. Gas to surface 25 min. Recovered 5 stands mud cut oil.

6296'-6380' Tool open 3 hours. Gas to surface 17 min. Est. 50,000 cubic feet per day. Rec. 250' gas cut drl'g. mud. 12 min. bottom hole build up pressure to 1000#

6393'-6518' Tool open 2 hrs. 26 min. Gas to surface 3 min.; mud to surface 16 min.; muddy oil 25 min.; clean oil 26 min. Flowed 27.6 bbl. oil in 2 hrs. Gas not measured. Bottom hole flowing pressure 2200#; 15 min. bottom hole build up pressure 2600#. Rec. 210' oil in drill pipe with no water.

6478'-6550' Tool open 2 hrs. 45 min. Gas to surface 3 min.; mud to surface 34 min.; oil in 42 min. Flowed 9.9 bbl. oil per hr. for 2 hrs. Gas approximately 2-3/4 mi. cubic feet per day. Rec. 330' oil in drill pipe with no water. Bottom hole flowing pressure 1000#; 15 min. shut in pressure 2500#.

7825'-7920' Tool open 3 hrs. Gas to surface 6½ min. mud to surface 28 min.; oil cut mud in 38 min.; clean oil in 41 min. Flowed 71 barrels oil in 2 hrs. Oil tested 40.3 @ 61 degrees. Bottom hole flowing pressure 1256# 15 min. shut in pressure 2150#.

7920'-7991' Tool open 4 hrs. Gas to surface 10 min.; muddy oil in 2 hrs and 4 min.; clean oil in 2 hrs and 24 min. Flowed 11.04 bbls. oil in 41 min., then flowed 5.52 bbls. oil in 34 min. Rec. 3000' oil in drill pipe plus 120' of gas cut mud and 1/4 bbl. muddy water which was neither sulphur nor salt.