

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken

Samples Sent to Geological Survey

Cores Taken

☒ Yes

☐ No

☒ Yes

☐ No

☐ Yes

☐ No

Formation Description

☐ Log

☒ Sample

Name

Top

Bottom

Topeka - L.S., cream to grey; fine grainy fossiliferous porosity, chalky, no shows.

Topeka

2772

Heebner - L.S., light grey to tan, fine chrystalline, chalky, fossiliferous, slightly mottled, no shows.

Heebner

2890

Toronto - L.S., light grey, fine chrystalline, chalky in part, some fossiliferous and trace of vugular porosity, no shows.

Toronto

3003

Lansing - L.S., white to light grey, fine chrystalline, fossiliferous porosity, cherty in part, trace of dead oil.

Lansing

3017

Arbuckle - Dolo, white, fine chrystalline, some inter-chrystalline porosity, cherty, shows of oil.

B/KC

3244

Marmaton

3271

Arbuckle

3326

DST #1 - 2927-85'; 30/60/30/60. Weak blow throughout both flow periods. IFP 80/130, ISIP 1147, FFP 100/130, FSIP 1108. Recovered 150' muddy salt water, 10% mud, 90% water.

DST #2 - 2985-3050'; 30/60/30/60. Weak blow throughout IF & FF. IFP 100/90, ISIP 1176, FFP 90/90, FSIP 1137. Recovered 10' clean oil, 30' oil cut mud.

DST #3 - 3102-42'; 30/60/30/60. Weak 2" blow initially IF. IF 2" blow decrease to 1" blow. Recovered 90' salt water with skim of oil.

DST #4 - 3159-90'; 30/60/30/60. IF weak 1/2" blow. FF weak blow died in 3 minutes. IFP 80/60, ISIP 991, FFP 70/60, FSIP 893. Recovered 15' slightly oil cut mud.

DST #5 - 3185-3238'; 30/60/30/60. IF very weak blow. FF no blow. IFP 80/70, ISIP 746, FFP 70/70, FSIP 340. Recovered 20' mud with oil specks.

DST #6 - 3276-3339'; 30/60/30/60. IF 1/2" building to 2". FF 2" decrease to 1". IFP 90/90, ISIP 854, FFP 90/90, FSIP 716. Recovered 60' water cut mud with oil skim.

CASING RECORD

☐ new☐ used

Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of string

size hole drilled

size casing set (in O.D.)

weight lbs/ft.

setting depth

type of cement

sacks used

type and percent additives

Conductor

12-1/4

13-3/8

75

Class A

120

3% cc

Surface

12-1/4

8-5/8

24

1289

50/50 Poz

450

Class A

200

3% cc, 2% gel

PERFORATION RECORD

shots per foot

specify footage of each interval perforated

Acid, Fracture, Shot, Cement Squeeze Record

(amount and kind of material used)

Depth

TUBING RECORD

size

set at

packer at

Liner Run

☐ Yes☐ No

Date of First Production

Producing method

☐ flowing☐ pumping☐ gas lift☐ Other (explain)

Estimated Production Per 24 Hours

Oil

Gas

Water

Gas- Oil Ratio

Gravity

Bbls

MCF

Bbls

CFPB

Disposition of gas:

☐ vented☐ sold☐ used on lease

METHOD OF COMPLETION

☐ open hole☐ perforation☐ other (specify)

PRODUCTION INTERVAL

☐ Dually Completed.☐ Commingled