

Computer inventoried

KCC

MAR 1 1994

OXY USA, INC.
Chesney "A" No. 227
1980' FSL, 1980' FEL
Sec. 21-T25S-R5E
Butler Co., Kansas
El Dorado Field

Open Hole Deepening

API #15-015-23335-0001

Contractor: J.W. Gibson Well Service
Elevations: 1388' K.B., 1383' Gr.
Top Arbuckle: 2348 -960
Production Casing: 5 1/2" at 2354'.
O.T.D.: 2388 -1000
Arbuckle Penetration: 40'.

October 25, 1993. Started drilling 12 Noon.

2388-2389' 5 min., 50 sec.

Top Dolomite, white, medium crystalline, dense.

Mid 10% Shale, light green.

90% Dolomite, white to buff, medium crystalline, partly sandy, dense, trace poor porosity with stain and fluorescence; trace chert, white.

Bot Dolomite, white to grayish tan, medium to coarse crystalline, dense; 10% poor to fair porosity, well stained, fluorescence.; trace white chert, 5% green shale.

2389-2390' 15 min., 30 sec.

Top Dolomite, white to grayish tan, medium to coarse crystalline, 10% fair to good porosity, rhombic-vugular, with stain and fluorescence. Trace green shale.

Mid Dolomite, white to grayish tan, medium crystalline to coarse crystalline, vugular, 10% fair porosity, trace good porosity with stain and fluorescence.

Bot Dolomite, grayish tan, fine to medium crystalline, dense, partly vugular, 3% fair to good porosity with stain and fluorescence.

2390-2391' 4 min., 30 sec.

Top Dolomite, grayish tan, medium crystalline, dense, trace poor to fair porosity with stain and fluorescence.

Mid AA, 3% poor to fair porosity with stain and fluorescence.

Bot AA, trace fair porosity with S & F.

2391-2392 7 min., 15 sec.

Top Dolomite, grayish brown, medium crystalline, dense, trace poor porosity with stain.

Mid AA, trace poor to fair porosity, partly sandy, with S & F.

Bot 80% Chert, white, gray, fracture surfaces have stain.

20% Dolomite, tan, medium to coarse crystalline, dense, trace poor to fair porosity with stain and fluorescence.

2392-2393' 15 min., 30 sec.

Top Dolomite, white, medium to coarse crystalline, dense; trace poor porosity with S & F; trace chert, AA.

Mid Dolomite, white to tan, fine to medium crystalline, dense, trace poor porosity with S & F.; 5% Chert, white

Bot Dolomite, white, tan, medium to coarse crystalline, dense, trace poor to fair porosity with stain. Trace

white chert; trace light green shale.

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2393-2394' 9 min., 20 sec.
Dolomite, grayish tan, medium crystalline, dense, trace
poor porosity with stain and fluorescence.

2394-2395' 9 min., 55 sec.
Dolomite, AA

2395-2396' 7 min., 55 sec.
Top AA
Mid Dolomite, white, cream, fine to medium crystalline, dense,
trace poor to fair porosity with stain on fracture faces.
Bot AA

2396-2397' 7 min., 30 sec.
Top, AA
Mid AA
Bot AA

2397-2398' 7 min., 45 sec.
Dolomite, light tan, fine to medium crystalline, dense,
trace light green shale.

2398-2399' 8 min., 20 sec.
Top Dolomite, AA, trace white, medium crystalline, rhombic-
vugular, fair to good porosity with stain and fluores-
cence.

Mid Dolomite, light brown, medium crystalline, dense.
Bot AA trace fair porosity with stain.

2399-2400' 10 min.
Top Dolomite, AA. Trace coarse, rhombic-vugular dolomite
with stain and fluorescence.

Mid AA.
Bot AA

2400-2401' 6 min., 45 sec.
Top Dolomite, white, fine crystalline, dense, 100% fluor-
escence, trace poor porosity with stain.

Mid AA
Bot Dolomite, white to tan, fine crystalline, friable, poor
porosity with stain and fluorescence.

2401-2402' 3 min., 40 sec.
Top Dolomite, white, tan, fine crystalline, poor porosity
with stain and fluorescence.

Mid Dolomite, white, tan, fine to medium crystalline, slight-
ly sandy, poor porosity, trace fair porosity with stain
and fluorescence.

TEXTURE CHANGE

2402-2403' 5 min., 20 sec.
Top Dolomite, white, fine to medium crystalline, sandy,
mostly poor porosity, 10% fair porosity with stain and
fluorescence.

Mid Dolomite, white, medium crystalline, sandy, 30% poor
porosity with stain and fluorescence, 5% fair porosity
with stain and fluorescence.

Bot AA

2403-2404' 3 min., 20 sec.
Dolomite, white, coarse crystalline, rhombic-vugular, 70%
poor porosity, 20% fair porosity, trace good porosity with
stain and fluorescence.

2404-2405' 5 min., 15 sec.

Top Dolomite, white, coarse crystalline, rhombic, 60% poor porosity, 5% fair porosity with stain and fluorescence.

Mid Dolomite, white, coarse crystalline, rhombic-vugular, dense, 30% poor porosity, trace fair porosity with stain and fluorescence.

Bot Dolomite, AA 20% poor porosity with stain and fluorescence.

2405-2406' 7 min., 20 sec.

Top Dolomite, buff, medium to coarse crystalline, dense, 20% poor porosity, 5% fair porosity with stain and fluorescence.

Mid Dolomite, AA, 10% poor porosity, 5% fair porosity with stain and fluorescence.

Bot Dolomite, AA, 10% porosity with S & F.

Pulled tubing and casing swabbed fluid down to 2340'.
Shut down at 6:30 PM. Will check overnight fill up.

October 26, 1993. 1440' kick back overnight, 400' oil, 1040' water (13 hours).

Ran 3 30 minute swab tests. Each had 100' kick back (2.38 bbls. fluid) and 30% oil. Ran tubing and rods, put on pump.

October 27, 1993. Pumped 38 barrels oil, 67 barrels water, 24 hours.

Geologist,

Herbert R. Johnson

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