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Computer Inventoried

21-25-5E

ORIGINAL

APR 5 1996

Open Hole Completion

API# 15-015-23432

OXY USA, INC.
Chesney "A" No. 232
2190' FNL, 1980' FEL
Sec. 21-T25S-R5E
Butler Co., Kansas
El Dorado Field

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JUL 13 1995

CONSERVATION DIVISION
WICHITA, KS

Contractor: J.W. Gibson Well Service
Elevations: 1375' K.B., 1370' G.L.
Production Casing: 5½" at 2404'.
Top Arbuckle: 2398' -1023
Total Depth: 2405' -1030
Arbuckle Penetration: 7'

April 17, 1995.

Pen. 8' -1031 2405-2406' 4 min., 15 sec.
Top 90% Dolomite, gray, very fine crystalline, pyritic, dense.
10% Shale, green.
Mid 80% Dolomite, AA; 20% Shale, AA.
Bot Dolomite, AA.
Pen. 9' -1032 2406-2407' 3 min., 45 sec.
Top Dolomite, buff, gray, tan, fine crystalline, 5% poor
porosity with stain and fluorescence.
Mid Dolomite, buff, grayish tan, 10% poor porosity, 1% fair
porosity with S & F.
Bot 90% Dolomite, grayish tan, buff, poor porosity, bleeding
oil; 10% Shale, gray.
Pen. 10' -1033 2407-2408' 5 min., 10 sec.
Top Dolomite, buff, grayish brown, fine crystalline, 30% poor
porosity with S & F, some bleeding oil.
Mid Dolomite, buff, brown, fine crystalline, 35% poor poros-
ity with stain and fluorescence, bleeding oil.
Bot Dolomite, brown, fine crystalline, 90% poor porosity,
strong odor, bleeding oil, 100% fluorescence.
Pen. 11' -1034 2408-2409' 4 min., 5 sec.
Top Dolomite, buff, fine crystalline, trace poor porosity with
S & F.
Mid Dolomite, AA.
Bottom Dolomite, AA.
Pen. 12' -1035 2409-2410' 5 min., 40 sec.
Top Dolomite, buff, fine crystalline, dense, trace poor por-
osity with S & F.
Mid 60% Dolomite, AA; 40% Chert, white, buff, dense.
Bot Dolomite, buff, fine crystalline, sandy, fine to medium
grained, well rounded sand inclusions grading to dolomi-
tic sandstone, 20% poor porosity with S & F; 10% Chert, AA.
Pen. 13' -1036 2410-2411' 3 min., 25 sec.
Top Dolomite, brown, fine crystalline, 100% poor porosity
with S & F (100% fluorescence).
Mid AA
Bot AA.
Pen. 14' -1037 2411-2412' 8 min., 45 sec.
Top Dolomite, buff, fine crystalline, dense, trace poor por-
osity with S & F; 10% Chert, white, dense.

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Mid Dolomite, buff, tan, fine crystalline, 20% poor porosity with S & F.
Bot AA, trace good vugular porosity with S & F.
Pen. 15' -1038 2412-2413' 5 min., 20 sec.
Top Dolomite, buff, tan, fine crystalline, 60% poor porosity with S & F, strong odor.
Mid AA
Bot AA.
Pen. 16' -1039 2413-2414' 5 min., 30 sec.
Top Dolomite, buff, tan, fine crystalline, poor porosity, trace fair porosity, strong odor, 100% fluorescence.
Mid Dolomite, buff, tan, AA; Trace Chert, white.
Bot AA.
Pen. 17' -1040 2414-2415' 4 min., 30 sec.
Top Dolomite, buff, tan, 80% poor porosity, trace fair porosity with S & F.
Mid Dolomite, AA, 60% poor porosity, trace fair porosity with S & F. 5% Chert, white.
Bot Dolomite, buff, tan, fine crystalline, 80% poor porosity with S & F. 10% Chert, white, dense.
Pen. 18' -1041 2415-2416' 10 min., 25 sec.
Top Dolomite, tan, fine crystalline, finely disseminated pyrite, dense, trace poor porosity with S & F; 10% Chert, white, gray.
Mid Dolomite, tan, fine crystalline, dense, trace poor porosity with stain and fluorescence.
Bot Dolomite, buff, cream, tan, fine crystalline, dense, 10% fluorescence.
Pen. 19' -1042 2416-2417' 9 min., 15 sec.
Top Dolomite, AA.
Mid AA
Bot AA.
Pen. 20' -1043 2417-2418' 8 min., 45 sec.
Top AA
Mid AA
Bot AA
Pen. 21' -1044 2418-2419' 7 min., 15 sec.
Top Dolomite, brown, fine crystalline, partly oolitic, 5% poor to fair porosity, 100% fluorescence.
Mid AA, 10% poor to fair porosity, 100% fluorescence.
Bot AA.
Pen. 22' -1045 2419-2420' 8 min.
Top Dolomite, brown, fine to medium crystalline, 2% poor to fair oolitic porosity with S & F.
Mid Dolomite, brown, fine to medium crystalline, oolitic, 70% poor porosity, 20% fair to good porosity, 100% fluorescence, good odor.
Bot Dolomite, AA, 5% fair porosity, 70% poor porosity, 100% fluorescence.

Stopped at 2420' to tubing swab. Swabbed fluid down to 2360'. Had small show from 1800' down. Took 30 minute test. Had 10' kick-back, oil plus drilling fluid. 2nd. 30 minute test had 10' kick-back, all oil.

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Acidized with 100 gallons 15% NEFe followed by 18 barrels KCL water. Tubing on slight vacuum in 5 minutes. Left in hole for overnight treatment.

April 18, 1995. Fluid 380' from surface. Casing swabbed fluid down to 2390'. Took 15 minute test. Had 100' kick-back, 95% oil, balance acid water. Took 30 minute test. Had 200' kick-back, 95% oil, balance acid water (approximately 4.88 bbls.). Will run tubing and rods and put on pump.

April 21, 1995. Pumped 55 barrels oil, 20 barrels water, 24 hrs.

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