

SUPERIOR TESTERS
433 SOUTH WESTVIEW • DERBY, KANSAS

25-30-2W
JAN

COMPANY Wheatland Oil & Gas STATE Kansas COUNTY Sumner
 LEASE & WELL NO Bates # 1 ELEVATION ----- DATE 8/12/80 FORMATION TESTED White Cloud
 SEC 25 TWP 30 RANGE 2W INTERVAL TESTED 1939 TO 2050 TOTAL DEPTH 2050
 TEST NO # 1 D K yes TOP PACKER DEPTH 1934 FT BOTTOM PACKER DEPTH 1939 FT. PACKER SIZE 6 3/4
 STRADDLE no CONV yes TOOL SIZE 5 1/2 OD. TOOL JOINT SIZE 4 1/2 FH. ANCHOR LENGTH 111 FT.
 HOLE SIZE 7 7/8 EXTRA EQUIPMENT none SURFACE CHOKE SIZE 1 1/2 IN. BOTTOM CHOKE SIZE 1/2 IN.
 REVERSED OUT no VISCOSITY 40 WEIGHT 9.7 DUAL PACKERS yes DID PACKER HOLD yes DID TOOL PLUG no

WHERE? ----- DRILLING CONTRACTOR Ranco # 1
 TOOL JOINT SIZE 4 1/2 XH. IN. LENGTH DRILL PIPE 1658 FT I D DRILL PIPE 3.80 IN.
 TOOL JOINT SIZE ----- IN. LENGTH WEIGHT PIPE ----- FT I D WEIGHT PIPE ----- IN.
 TOOL JOINT SIZE 4 1/2 XH/ IN. LENGTH DRILL COLLARS 260 FT I D DRILL COLLARS 2.25 IN.
 TOOL OPEN I F P. FROM 7:45 a. m to 8:15 a. m Hr 30 min From (B) 215 P.S.I. to (C) 215 P.S.I.
 TOOL CLOSED I C I P. FROM 8:15 a. m to 8:45 a. m Hr 30 min (D) 645 P.S.I.
 TOOL OPEN F F P. FROM 8:45 a. m to 9:15 a. m Hr 30 min From (E) 237 P.S.I. to (F) 247 P.S.I.
 TOOL CLOSED F C I P. FROM 9:15 a. m to 9:45 a. m Hr 30 min (G) 570 P.S.I.
 INITIAL HYDROSTATIC PRESSURE (A) 1040 P.S.I. FINAL HYDROSTATIC PRESSURE (H) 1019 MAXIMUM TEMPERATURE 96 F.
 BLOW Weak to fair blow 1st opening, Weak blow 2nd opening.

RECOVERY - TOTAL FEET 120 ft.
 RECOVERED 60 FEET OF Mud.
 RECOVERED 60 FEET OF Thin mud very slightly Gas cut.
 RECOVERED _____ FEET OF _____
 RECOVERED _____ FEET OF _____

State Geological Survey
WICHITA, BRANCH

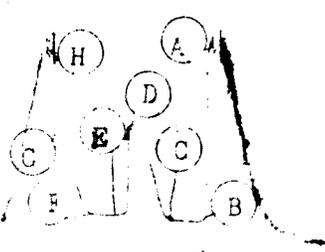
RECEIVED
STATE CORPORATION COMMISSION
MAY - 6 1982
CONSERVATION DIVISION
Wichita, Kansas

REMARKS None.

TICKET NO. 5097
 WITNESSED BY _____ TOOL OPERATOR R. E. Budig

7099 Dist. 7 3875

Wheatland Oil & Gas
 137-2050 White Cloud
 8/12/80
 Bates # 1



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	FIELD READING	OFFICE READING	
(A) Initial Hydrostatic Mud	1040	1040	P.S.I.
(B) First Initial Flow Pressure	215	215	P.S.I.
(C) First Final Flow Pressure	215	215	P.S.I.
(D) Initial Closed-in Pressure	645	645	P.S.I.
(E) Second Initial Flow Pressure	237	237	P.S.I.
(F) Second Final Flow Pressure	247	247	P.S.I.
(G) Final Closed-in Pressure	570	570	P.S.I.
(H) Final Hydrostatic Mud	1019	1008	P.S.I.

State Geological Survey
 WICHITA, BRANCH

RECEIVED
 STATE CORPORATION COMMISSION

MAY - 6 1982

CONSERVATION DIVISION
 Wichita Kansas

25-30-2W

LEIGH RAYMOND
CONSULTING GEOLOGIST

JAN

P.O. BOX 255

BALDWIN CITY, KS 66006

913-594-3982

Wheatland Oil & Gas, Inc.
510 Petroleum Bldg.
Wichita, KS 67202

State Geological Survey
WICHITA, BRANCH

Gentlemen,

Enclosed is data relative to the #1 Bates drilled by Wheatland Oil & Gas, Inc.

#1 Bates (Elev: KB +1336)

SW/4 SE/4 SW/4 25-30S-2W, Sumner County, Kansas, commenced 8/8/80, completed 8/18/80, rotary total depth 3820'.

Structural relationship of the #1 Bates to nearby wells:

Wheatland Oil & Gas #1 Bates	Brandt Oil Co. #1 Edwards (245' E SE SW SW) 30-30S-1W IP 30 BOPD (Miss)	Anderson-Prichard #1 Riner (NW NW NW) 25-30S-2 IP 50BOPD (L-KC)
Topeka -584		-590 (2' low)
Lansing K.C. -1750	-1771 (22' high)	-1747 (2' low)
Base K.C. -1985	-2017 (23' high)	-1982 (2' low)
Mississippi -2415	-2423 (8' high)	-2403 (12' low)
Miss. Porosity -2421	-2428 (7' high)	-2410 (11' low)

RECEIVED
STATE CORPORATION COMMISSION

MAY - 8 1980

CONSERVATION DIVISION
Wichita, Kansas

25-30-2W

JAN

W E L L L O G

Well Name: #1 Bates

Operator: Wheatland Oil & Gas, Inc.

Spud Date: 8-9-80

Contractor: Ramco Drilling Corp.

Completion Date: 8-18-80

Casing: 8 5/8" @ 462' 275 sx.
4 1/2" @ 3845'

Location: SW SE SW Sec. 25-30S-2W
Sumner, County, Kansas

<u>FORMATION</u>	<u>FROM</u>	<u>TO</u>
Surface soils	0	292
Surface Shale & Sand	292	463
Shale	463	843
Shale & Sand	843	1460
Shale	1460	1783
Shale & Lime	1783	1955
Shale & Sand	1955	2050
Shale & Lime	2050	2335
Shale	2335	2570
Shale & Lime	2570	2757
Shale	2757	3164
Shale & Lime	3164	3319
Lime	3319	3415
Shale & Lime	3415	3545
Shale	3545	3820
Rotary Total Depth	3820	

State Geologist
WICHITA, BRANCH

RECEIVED
STATE CORPORATION COMMISSION

MAY - 6 1982

CONSERVATION DIVISION
Wichita, Kansas

STATE OF KANSAS, COUNTY OF BUTLER: ss

certify that the above information is true and correct to the best
knowledge.