

# SUPERIOR TESTERS

368 West Second, Hoisington, Kansas

COMPANY F. & M. Oil Company STATE Kansas COUNTY Finney  
LEASE & WELL NO. Byrd # 1 ELEVATION 2794 KB. DATE 8/5/81 FORMATION TESTED Mississippi  
SEC. 2 TWP. 22 RANGE 30 INTERVAL TESTED 4625 TO 4680 TOTAL DEPTH 4680  
TEST NO. #1 O.K. yes TOP PACKER DEPTH 4620 FT. BOTTOM PACKER DEPTH 4625 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 55 FT.  
HOLE SIZE 7 & 7/8 EXTRA EQUIPMENT none SURFACE CHOKE SIZE 1/2 IN. BOTTOM CHOKE SIZE 1/2 IN.  
REVERSED OUT no VISCOSITY 43 WEIGHT 9.2 DUAL PACKERS yes DID PACKER HOLD yes DID TOOL PLUG no

DRILLING CONTRACTOR Union Drilling

TOOL JOINT SIZE 4 1/2 FH. IN. LENGTH DRILL PIPE 4157 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" H-90 IN. LENGTH DRILL COLLARS 447 FT. I.D. DRILL COLLARS 2.25 IN.  
TOOL OPEN I.F.P. FROM 7:30 p. m to 8:00 p. m Hr. 30 min From (B) 61 P.S.I. to (C) 61 P.S.I.  
TOOL CLOSED I.C.I.P. FROM 8:00 p. m to 8:45 p. m Hr. 45 min (D) 299 P.S.I.  
TOOL OPEN F.F.P. FROM 8:45 p. m to 9:45 p. m Hr. 60 min From (E) 82 P.S.I. to (F) 82 P.S.I.  
TOOL CLOSED F.C.I.P. FROM 9:45 p. m to 10:30 p. m Hr. 45 min (G) 227 P.S.I.

INITIAL HYDROSTATIC PRESSURE (A) 2307 P.S.I. FINAL HYDROSTATIC PRESSURE (H) 2165 MAXIMUM TEMPERATURE 118 °F

BLOW Weak building to 2 1/2 in bucket 1st opening.  
Weak building to fair blow 2nd opening.

RECOVERY - TOTAL FEET 120 ft.  
RECOVERED 120 FEET OF Heavy muddy Oil slightly gassy.  
RECOVERED \_\_\_\_\_ FEET OF \_\_\_\_\_  
RECOVERED 60 FEET OF Gas in the pipe.  
RECOVERED \_\_\_\_\_ FEET OF \_\_\_\_\_  
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RECOVERED \_\_\_\_\_ FEET OF \_\_\_\_\_

REMARKS None.

TICKET NO. 5536  
WITNESSED BY: Bob Gebhart TOOL OPERATOR: Frank Love joy

# SUPERIOR TESTERS

368 West Second, Hoisington, Kansas

Date 8-5-81 Location C-SE-NE-2-22-30<sup>W</sup> Elevation 2794 KB County Finney

Company F.M. Oil Co Inc Number of Copies 4

Address 422 Union Center Wichita Kansas 67202

Charts Mailed to 422 Union Center Wichita Kansas 67202

Invoice Mailed to 422 Union Center Wichita Kansas 67202

Lease Byrd Well No. 1 Formation Tested Miss (St. Gen.) Test No. 1

Depth 4680 Tested from 4625 To 4680 Packer Size 6 3/4 Anchor Length 55 ft

Top Packer Depth 4620 ft. Bottom Packer Depth 4625 ft. Dual Packers yes

Tool Joint Size 4 1/2 FH Tool Size 5 1/2 OD Hole Size 7 7/8 Did Packer Hold yes

Drilling Contractor Union Drilling Co Rig 2

Length Drill Pipe 4157 I.D. Drill Pipe 3.80 Tool Joint Size 4 1/2 FH

Length Weight Pipe — I.D. Weight Pipe — Tool Joint Size —

Length Drill Collars 447 I.D. Drill Collars 2.25 Tool Joint Size H-90

Tool Open I.F.P. from 7:30 p m to 8:00 p m 30 min from [B] 61 P.S.I. to [C] 61 P.S.I.

Tool Closed I.C.I.P. from 8:00 p m to 8:45 p m 45 min [D] 299 P.S.I.

Tool Open F.F.P. from 8:45 p m to 9:45 p m 60 min from [E] 82 P.S.I. to [F] 82 P.S.I.

Tool Closed F.C.I.P. from 9:45 p m to 10:30 p m 45 min [G] 227 P.S.I.

Initial Hydrostatic Pressure [A] 2302 P.S.I. Final Hydrostatic Pressure [H] 2165 P.S.I. Maximum Temp 118 °F

Blow <sup>Building</sup> weak KATO 2 1/2" bucket 1st opening

weak building to Fair blow 2nd opening

Gas to Surface — Min. Oil to Surface — Min. Mud Weight 9.2 Viscosity 43

Gas Gauged —

Recovery 60 ft gas in pipe

120 ft heavy muddy oil slightly gassy

Remarks \_\_\_\_\_

Extra Equipment-Jars — Safety Joint — Straddle — Hook Wall —

Top Recorder No. 13379 Clock No. 6860

Bottom Recorder No. 3875 Clock No. 8968

Price of Job 4675.00

Tool Operator Frank Young

Approved By RB Schubert

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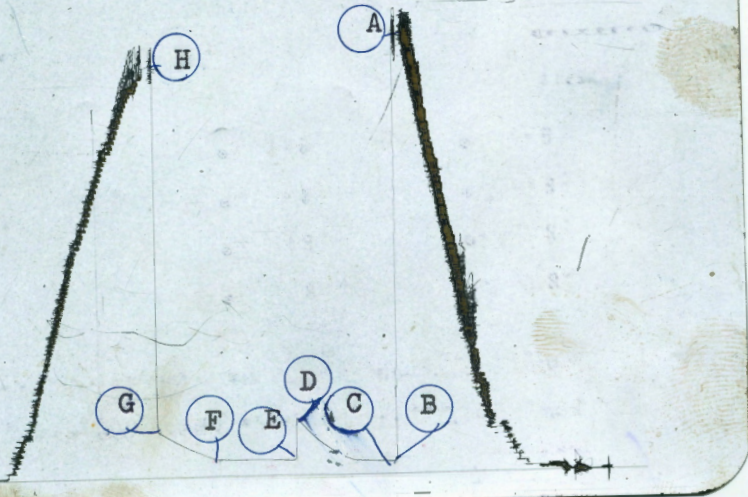
Ticket N<sup>o</sup> 5536

5526

23379

DST 1

F. & M. Oil Company  
Byrd # 1  
4625-4680 Mississippi  
8/5/81

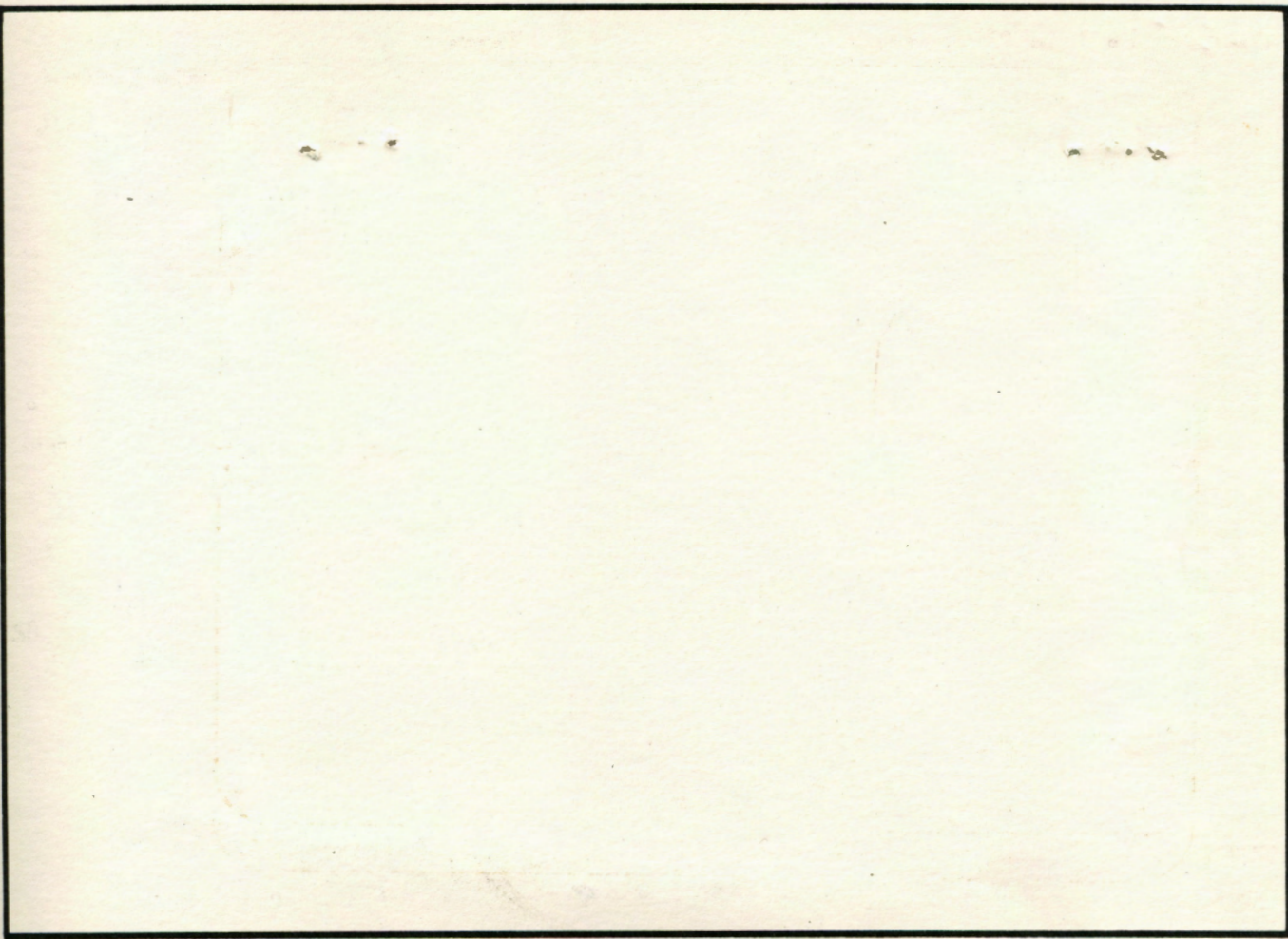


5536

3875

DST





This is actual recorder chart.

POINT	PRESSURE		
	FIELD READING	OFFICE READING	
(A) Initial Hydrostatic Mud .....	<u>2307</u>	<u>2270</u>	P.S.I.
(B) First Initial Flow Pressure .....	<u>61</u>	<u>61</u>	P.S.I.
(C) First Final Flow Pressure .....	<u>61</u>	<u>61</u>	P.S.I.
(D) Initial Closed-in Pressure .....	<u>299</u>	<u>299</u>	P.S.I.
(E) Second Initial Flow Pressure .....	<u>82</u>	<u>82</u>	P.S.I.
(F) Second Final Flow Pressure .....	<u>82</u>	<u>82</u>	P.S.I.
(G) Final Closed-in Pressure .....	<u>227</u>	<u>237</u>	P.S.I.
(H) Final Hydrostatic Mud .....	<u>2165</u>	<u>2165</u>	P.S.I.