



WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET N^o 8085

P. O. BOX 1599 PHONE (316) 262-5861

Elevation 1393 KB

Formation ARBUCKLE

Eff. Pay Ft.

WICHITA, KANSAS 67201

District AUGUSTA

Date 3-21-85

Customer Order No.

COMPANY NAME Ernest Price Jr.

ADDRESS P.O. Box 103 Atlanta, KR. 67008

LEASE AND WELL NO. Woods B #5 COUNTY Butler STATE KS Sec. 16 Twp 29S Rge. 6 E

Mail Invoice To #5 "B" WOODS SAME No. Copies Requested 1

Co. Name Address Address No. Copies Requested 5

Formation Test No. 1 Interval Tested From 3155 ft. to 3170 ft. Total Depth 3170 ft.

Packer Depth 3150 ft. Size 6.75 in. Packer Depth ft. Size in.

Packer Depth 3155 ft. Size 6.75 in. Packer Depth ft. Size in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 3161 ft. Recorder Number 3351 Cap. 4000

Bottom Recorder Depth (Outside) 3165 ft. Recorder Number 1565 Cap. 4900

Below Straddle Recorder Depth ft. Recorder Number Cap.

Drilling Contractor WNE #5 Drill Collar Length 247 I. D. 2.25 in.

Mud Type Chem Viscosity 40 Weight Pipe Length I. D. in.

Weight 9.4 Water Loss 9.6 cc. Drill Pipe Length 2885 I. D. 4.0 in.

Chlorides 1100 P.P.M. Test Tool Length 20 ft. Tool Size 5.5 in.

Jars: Make Serial Number Anchor Length 15 ft. Size 5.5 in.

Did Well Flow? NO Reversed Out YES Surface Choke Size .75 in. Bottom Choke Size .75 in.

Main Hole Size 7 1/8 in. Tool Joint Size 4 1/2 IF in.

Blow: Strong THRU OUT

Recovered 2210 ft. of Salt water

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Chlorides 29,000 P.P.M. Sample Jars used 2 Remarks:

Time On Location 6:00 A.M. Time Pick Up Tool 7:30 A.M. Time Off Location 4:00 P.M.

Time Set Packer(s) 9:00 A.M. Time Started Off Bottom 11:00 A.M. Maximum Temperature 106

Initial Hydrostatic Pressure (A) 1660 P.S.I.

Initial Flow Period Minutes 30 (B) 360 P.S.I. to (C) 930 P.S.I.

Initial Closed In Period Minutes 30 (D) 1150 P.S.I.

Final Flow Period Minutes 30 (E) 980 P.S.I. to (F) 1130 P.S.I.

Final Closed In Period Minutes 30 (G) 1160 P.S.I.

Final Hydrostatic Pressure (H) 1640 P.S.I. # 3351

COMPANY TERMS

Western Testing Co., Inc. shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained directly or indirectly through the use of its equipment, of its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid at cost by the party for whom the test is made.

All charges subject to 12% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By Ernest Price Jr. Signature of Customer or his authorized representative

Western Representative Allen Edgington

FIELD INVOICE

Open Hole Test \$ 550.00
Misrun \$
Straddle Test \$
Jars \$
Selective Zone \$
Safety Joint \$
Standby \$
Evaluation \$
Extra Packer \$
Circ. Sub. \$ 35.00
Mileage \$
Fluid Sampler \$
Extra Charts \$
Insurance \$
Telecopier \$
TOTAL \$ 585.00

WESTERN TESTING CO., INC.

Pressure Data

Date 3-21-85 Test Ticket No. 8085
 Recorder No. 3351 Capacity _____ Location _____ Ft.
 Clock No. _____ Elevation _____ Well Temperature _____ °F

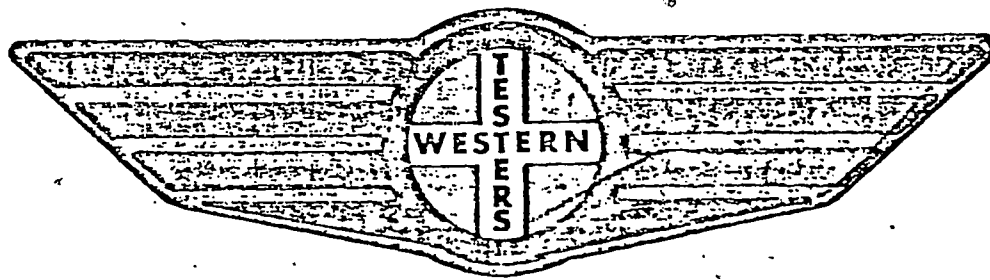
Point	Pressure	Time Given	Time Computed
A. Initial Hydrostatic Mud	1647 P.S.I.		
B. First Initial Flow Pressure	351 P.S.I.		
C. First Final Flow Pressure	928 P.S.I.		
D. Initial Closed-in Pressure	1147 P.S.I.		
E. Second Initial Flow Pressure	972 P.S.I.		
F. Second Final Flow Pressure	1125 P.S.I.		
G. Final Closed-in Pressure	1152 P.S.I.		
H. Final Hydrostatic Mud	1625 P.S.I.		

Open Tool _____ M
 First Flow Pressure _____ Mins.
 Initial Closed-in Pressure _____ Mins.
 Second Flow Pressure _____ Mins.
 Final Closed-in Pressure _____ Mins.

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>8</u> Inc.		Breakdown: <u>11</u> Inc.		Breakdown: <u>7</u> Inc.		Breakdown: <u>11</u> Inc.	
of <u>5</u> mins. and a		of <u>3</u> mins. and a		of <u>5</u> mins. and a		of <u>3</u> mins. and a	
final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 0	351	0	928	0	972	0	1125
P 2 5	410	3	1130	5	981	3	1141
P 3 10	515	6	1141	10	1018	6	1143
P 4 15	614	9	1144	15	1051	9	1145
P 5 20	699	12	1145	20	1081	12	1146
P 6 25	777	15	1146	25	1103	15	1147
P 7 30	842	18	1146	30	1125	18	1148
P 8 35	928	21	1147	35		21	1150
P 9 40		24	1147	40		24	1150
P10 45		27	1147	45		27	1150
P11 50		30	1147	50		30	1152
P12 55		33		55		33	
P13 60		36		60		36	
P14 65		39		65		39	
P15 70		42		70		42	
P16 75		45		75		45	
P17 80		48		80		48	
P18 85		51		85		51	
P19 90		54		90		54	
P20 95		57		95		57	
100		60		100		60	

FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 3/21/85 TICKET #8085
CUSTOMER: ERNEST PRICE JR. LEASE: "B" WOODS
WELL: 5 TEST: 1 GEOLOGIST: PRICE
ELEVATION (KB): 1393 FORMATION: ARBUCKLE
SECTION: 16 TOWNSHIP: 29S
RANGE: 6E COUNTY: BUTLER STATE: KANSAS
GAUGE SN #3351 RANGE: 4000 CLOCK: 12

INTERVAL TEST FROM: 3155 FT TO: 3170 FT TOTAL DEPTH: 3170 FT
DEPTH OF SELECTIVE ZONE: FT

PACKER DEPTH: 3150 FT SIZE: 6 3/4 IN PACKER DEPTH: 3155 FT SIZE: 6 3/4 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: WHITE & ELLIS DRLG

MUD TYPE: CHEMICAL VISCOSITY: 40

WEIGHT: 9.4 WATER LOSS (CC): 9.6

CHLORIDES (P.P.M.): 1100

JARS - MAKE:

SERIAL NUMBER:

DID WELL FLOW? NO

REVERSED OUT? YES

DRILL COLLAR LENGTH: 247 FT I.D.: 2.25 IN

WEIGHT PIPE LENGTH: FT I.D.: IN

DRILL PIPE LENGTH: 2888 FT I.D.: 4.0 IN

TEST TOOL LENGTH: 20 FT TOOL SIZE: 5 1/2 OD IN

ANCHOR LENGTH: 15 FT SIZE: 5 1/2 OD IN

SURFACE CHOKE SIZE: 3/4 IN BOTTOM CHOKE SIZE: 3/4 IN

MAIN HOLE SIZE: 7 7/8 IN TOOL JOINT SIZE: 4 1/2 IF IN

BLOW: STRONG BLOW THROUGHOUT TEST.

RECOVERED: 2210 FT OF: SALT WATER. CHLORIDES 29000 PPM.

RECOVERED: FT OF:

RECOVERED: FT OF:

RECOVERED: FT OF:

RECOVERED: FT OF:

RECOVERED: FT OF:

RECOVERED: FT OF:

RECOVERED: FT OF:

RECOVERED: FT OF:

RECOVERED: FT OF:

REMARKS:

TIME SET PACKER(S): 9:00 AM

TIME STARTED OFF BOTTOM: 11:00 AM

WELL TEMPERATURE: 106 °F

INITIAL HYDROSTATIC PRESSURE:

INITIAL FLOW PERIOD MIN: 35 (A) 1647 PSI (B) 351 PSI TO (C) 928 PSI

INITIAL CLOSED IN PERIOD MIN: 30 (D) 1147 PSI (E) 972 PSI TO (F) 1125 PSI

FINAL FLOW PERIOD MIN: 30 (G) 1152 PSI (H) 1625 PSI

FINAL CLOSED IN PERIOD MIN: 30

FINAL HYDROSTATIC PRESSURE

WESTERN TESTING CO. INC.
PRESSURE DATA

DATE: 3/21/85

CUSTOMER: ERNEST PRICE JR.

WELL: 5

TEST: 1

ELEVATION (KB): 1393

FORMATION: ARBUCKLE

SECTION: 16

TOWNSHIP: 29S

RANGE: 6E

COUNTY: BUTLER

GAUGE SN #3351

RANGE: 4000

...and the fact that the ...

(A) INITIAL HYDROSTATIC PRESSURE: 1647 PSI

(B) FIRST INITIAL FLOW PRESSURE: 351 PSI

(C) FIRST FINAL FLOW PRESSURE: 928 PSI

(D) INITIAL CLOSED-IN PRESSURE: 1147 PSI

(E) "SECOND INITIAL FLOW PRESSURE: 972 PSI

(F) SECOND FINAL FLOW PRESSURE: 1125 PSI

(G) FINAL CLOSED-IN PRESSURE: 1152 PSI

(CH) FINAL HYDROSTATIC PRESSURE: 1625 PSI

WELL TEMPERATURE: 106 °F.

OPEN TOOL: 9:00 AM

TIME - GIVEN TIME - ACTUAL

FIRST FLOW PRESSURE: 30 MIN 35 MIN

INITIAL CLOSED-IN PRESSURE: 30 MIN 30 MIN

SECOND FLOW PRESSURE: 30 MIN 30 MIN

FINAL CLOSED-IN PRESSURE: 30 MIN 30 MIN

PRESSURE BREAKDOWN

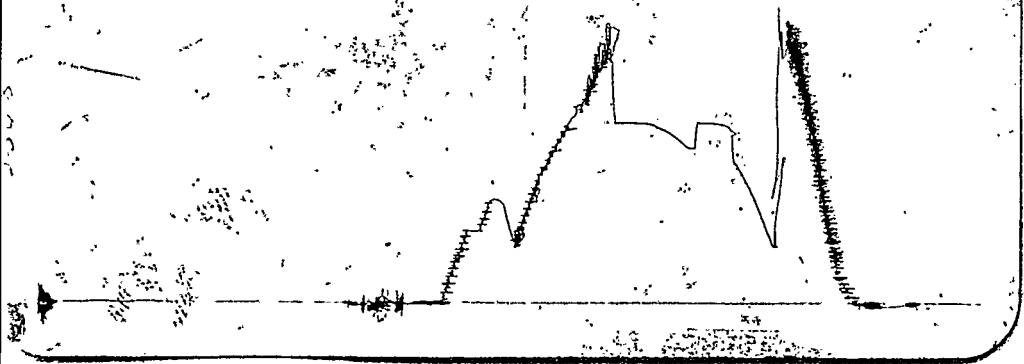
PT	FIRST FLOW		INITIAL SHUT-IN		SECOND FLOW		FINAL SHUT-IN	
	MIN	PRESSURE	MIN	PRESSURE	MIN	PRESSURE	MIN	PRESSURE
1	0	351	0	928	0	972	0	1125
2	5	410	3	1130	5	981	3	1141
3	10	515	6	1141	10	1018	6	1143
4	15	614	9	1144	15	1051	9	1145
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6	25	777	15	1146	25	1103	15	1147
7	30	842	18	1146	30	1125	18	1148
8	35	928	21	1147			21	1149
9			24	1147			24	1150
10			27	1147			27	1151
11			30	1147			30	1152

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Kit # 8085

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