



WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET

No 18132

P. O. BOX 1599 PHONE (316) 262-5861
WICHITA, KANSAS 67201

Elevation _____ Formation Mississippian Eff. Pay _____ Ft.

District Dodge City Date 5-15-84 Customer Order No. _____

COMPANY NAME Sharp Engineering 31-28-15W

ADDRESS 604 one MAIN Place Wichita Ks 13-285-15W

LEASE AND WELL NO. Whitney A COUNTY Pratt STATE Ks Sec. 13 Twp. 28 Rge. 15

Mail Invoice To #1 "A" WHITNEY Address Same No. Copies Requested Reg

Co. Name _____ Address _____ No. Copies Requested Reg

Mail Charts To _____ Address _____ No. Copies Requested Reg

Formation Test No. 1 Interval Tested From 4650 ft. to 4690 ft. Total Depth 4690 ft.

Packer Depth 4645 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Packer Depth 4650 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4655 ft. Recorder Number 1566 Cap. 4300

Bottom Recorder Depth (Outside) 4690 ft. Recorder Number 2607 Cap. 4150

Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____

Drilling Contractor White & Ellis #9 Drill Collar Length 310 I. D. 2 1/4 in.

Mud Type Chem Viscosity 42 Weight Pipe Length _____ I. D. _____ in.

Weight 9.3 Water Loss 12.6 cc. Drill Pipe Length 4320 I. D. 3.8 in.

Chlorides 15,000 P.P.M. Test Tool Length 20 ft. Tool Size 5 1/2 in.

Jars: Make WTC Serial Number 411 Anchor Length 40 ft. Size 5 1/2 in.

Did Well Flow? _____ 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 XH in.

Blow: IFP - OFF Bottom of bucket in 20 min

FFP - " " " " " 1 min

Recovered 60 ft. of Mud

Recovered 60 ft. of slightly oil cut mud 90% mud 10% O.I.

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: _____

Time On Location 10:00 A.M. Time Pick Up Tool 11:30 A.M. Time Off Location _____ A.M.

Time Set Packer(s) 1:10 P.M. Time Started Off Bottom 4:40 A.M. Maximum Temperature 116°

Initial Hydrostatic Pressure _____ (A) 2460 P.S.I.

Initial Flow Period _____ Minutes 30 (B) 54 P.S.I. to (C) 54 P.S.I.

Initial Closed In Period _____ Minutes 60 (D) 722 P.S.I.

Final Flow Period _____ Minutes 60 (E) 64 P.S.I. to (F) 64 P.S.I.

Final Closed In Period _____ Minutes 60 (G) 1098 P.S.I.

Final Hydrostatic Pressure _____ (H) 2438 P.S.I.

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 E. P. Schmitt
Signature of Customer or his authorized representative

Western Representative Alan Cain 0300

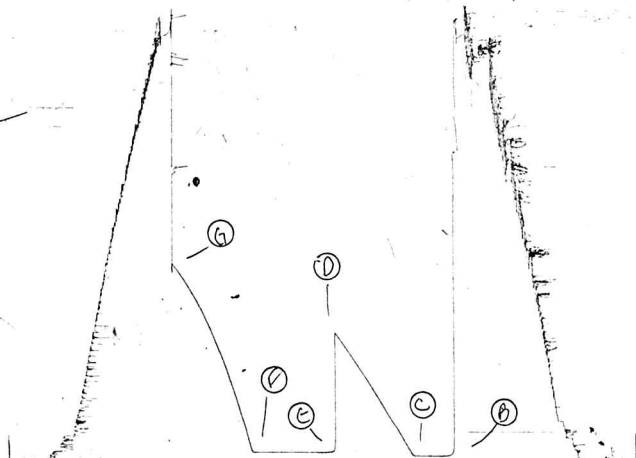
FIELD INVOICE

Open Hole Test \$ 595
Misrun \$ _____
Straddle Test \$ _____
Jars \$ _____
Selective Zone \$ _____
Safety Joint \$ _____
Standby \$ _____
Evaluation \$ _____
Extra Packer \$ _____
Circ. Sub. \$ _____
Mileage \$ _____
Fluid Sampler \$ _____
Extra Charts \$ _____
Insurance \$ 50
Telecopier \$ _____
TOTAL \$ _____

file # 18132

1566
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HC# 18132

2607
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18132

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 5/15/84 TICKET #18132
CUSTOMER: SHARP ENGINEERING LEASE: "A" WHITNEY
WELL: 1 TEST: 1 GEOLOGIST: SCHMITT ?
ELEVATION (KB): 0 FORMATION: MISSISSIPPI
SECTION: 13 TOWNSHIP: 28S
RANGE: 15W COUNTY: PRATT STATE: KANSAS
GAUGE SN #1566 RANGE: 4300 CLOCK: 12

INTERVAL TEST FROM: 4650 FT TO: 4690 FT TOTAL DEPTH: 4690 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 4645 FT SIZE: 6 3/4 IN PACKER DEPTH: 4650 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: 42
WEIGHT: 9.3 WATER LOSS (CC): 12.6
CHLORIDES (P.P.M.): 15000
JARS - MAKE: WTC SERIAL NUMBER: 411
DID WELL FLOW? REVERSED OUT?
DRILL COLLAR LENGTH: 310 FT I.D.: 2.25 IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 4320 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 20 FT TOOL SIZE: 5 1/2 IN
ANCHOR LENGTH: 40 FT SIZE: 5 1/2 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 XH IN

BLOW: INITIAL FLOW PERIOD OFF BOTTOM
OF BUCKET IN 20 MINUTES.
FINAL FLOW PERIOD OFF BOTTOM OF
BUCKET IN 1 MINUTE.

RECOVERED: 60 FT OF: MUD.
RECOVERED: 60 FT OF: SLIGHTLY OIL CUT MUD. 90% MUD; 10% OIL.
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): 1:10 PM TIME STARTED OFF BOTTOM: 4:40 PM
WELL TEMPERATURE: 116 °F
INITIAL HYDROSTATIC PRESSURE: (A) 2460 PSI
INITIAL FLOW PERIOD MIN: 30 (B) 47 PSI TO (C) 47 PSI
INITIAL CLOSED IN PERIOD MIN: 63 (D) 728 PSI
FINAL FLOW PERIOD MIN: 60 (E) 69 PSI TO (F) 69 PSI
FINAL CLOSED IN PERIOD MIN: 63 (G) 1101 PSI
FINAL HYDROSTATIC PRESSURE (H) 2443 PSI

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TICKET #18132

LEASE: "A" WHITNEY

TEST: 1

GEOLOGIST: SCHMITT ?

FORMATION: MISSISSIPPI

TOWNSHIP: 28S

COUNTY: PRATT

STATE: KANSAS

RANGE: 4300

CLOCK: 12

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'F

OPEN TOOL: 1:10 PM

TIME - GIVEN TIME - ACTUAL

FIRST FLOW PRESSURE: 30 MIN 30 MIN

INITIAL CLOSED-IN PRESSURE: 60 MIN 63 MIN

SECOND FLOW PRESSURE: 60 MIN 60 MIN

FINAL CLOSED-IN PRESSURE: 60 MIN 63 MIN

PRESSURE BREAKDOWN

PT	FIRST FLOW		INITIAL SHUT-IN		SECOND FLOW		FINAL SHUT-IN	
	MIN	PRESSURE	MIN	PRESSURE	MIN	PRESSURE	MIN	PRESSURE
1	0	47	0	47	0	69	0	69
2	5	47	3	59	5	69	3	129
3	10	47	6	99	10	69	6	209
4	15	47	9	136	15	69	9	273
5	20	47	12	178	20	69	12	345
6	25	47	15	215	25	69	15	410
7	30	47	18	245	30	69	18	473
8			21	283	35	69	21	533
9			24	321	40	69	24	587
10			27	358	45	69	27	636
11			30	391	50	69	30	685
12			33	426	55	69	33	739
13			36	460	60	69	36	781
14			39	495			39	825
15			42	524			42	868
16			45	555			45	907
17			48	587			48	943
18			51	617			51	976
19			54	650			54	1011
20			57	681			57	1042
21			60	710			60	1071
22			63	728			63	1101

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WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET N^o 7360

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

WICHITA, KANSAS 67201

Elevation 2121 K.B. Formation Kinderhook Eff. Pay Ft.

District Pratt Date 10-20-84 Customer Order No.
COMPANY NAME Plano Petroleum Corporation
ADDRESS 1101 E. Plano Pkwy, Suite 200 Box 241 Plano TX 75074
LEASE AND WELL NO. #1 Peoples Bank COUNTY PRATT STATE KS Sec. 19 Twp. 28S Rge. 15W
Mail Invoice To same #1 PEOPLES BANK HUGHES Co. Name Address No. Copies Requested Reg
Mail Charts To same Address No. Copies Requested Reg

Formation Test No. 2 Interval Tested From 4724 ft. to 4780 ft. Total Depth 4780 ft.
Packer Depth 4719 ft. Size 6 5/8 in. Packer Depth ft. Size in.
Packer Depth 4724 ft. Size 6 5/8 in. Packer Depth ft. Size in.
Depth of Selective Zone Set
Top Recorder Depth (Inside) 4727 ft. Recorder Number 6074 Cap. 5100
Bottom Recorder Depth (Outside) 4730 ft. Recorder Number 6246 Cap. 5200
Below Saddle Recorder Depth ft. Recorder Number Cap.
Drilling Contractor Aldebaran D-1g. Rig #2 Drill Collar Length 520 I. D. 2.25 in.
Mud Type Premix chemical Viscosity 74 Weight Pipe Length I. D. in.
Weight 9.4 Water Loss 11.2 cc. Drill Pipe Length 4181 I. D. 3.8 in.
Chlorides 8000 P.P.M. Test Tool Length 23 ft. Tool Size 5 1/2 in.
Jars: Make Serial Number Anchor Length 56 ft. Size 5 1/2 in.
Did Well Flow? NO Reversed Out NO Surface Choke Size 3 1/4 in. Bottom Choke Size 3 1/4 in.
Main Hole Size 7 7/8 in. Tool Joint Size 3 1/2 in. 4 1/2 in.

Blow: Weak blow, steady through initial flow. Weak steady blow on final flow.

Recovered 20 ft. of Dr-1g mud.
Recovered ft. of
Recovered ft. of
Recovered ft. of
Recovered ft. of
Chlorides P.P.M. Sample Jars used Remarks:

Time On Location 12:00 A.M. Time Pick Up Tool 1:00 A.M. Time Off Location A.M.
Time Set Packer(s) 2:50 P.M. Time Started Off Bottom 5:50 A.M. Maximum Temperature 130 P.M.
Initial Hydrostatic Pressure (A) 2427 P.S.I.
Initial Flow Period Minutes 30 (B) 38 P.S.I. to (C) 38 P.S.I.
Initial Closed In Period Minutes 60 (D) 179 P.S.I.
Final Flow Period Minutes 30 (E) 51 P.S.I. to (F) 51 P.S.I.
Final Closed In Period Minutes 60 (G) 76 P.S.I.
Final Hydrostatic Pressure (H) 2260 P.S.I.

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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 Larry M. Good
Signature of Customer or his authorized representative

Western Representative Mike Lutt Thank You!

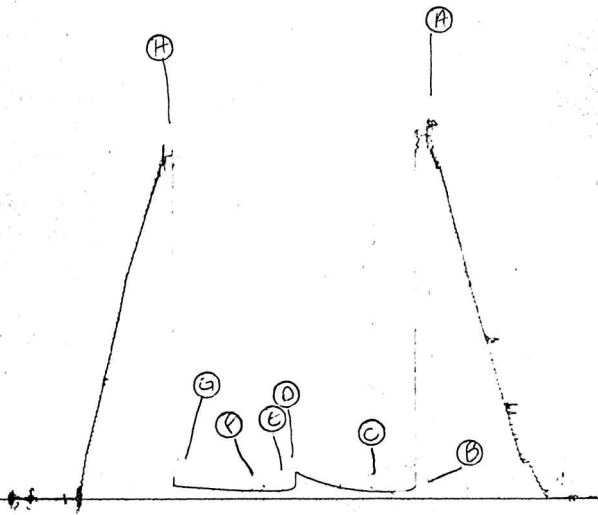
FIELD INVOICE

Open Hole Test \$ 395
Misrun \$
Straddle Test \$
Jars \$
Selective Zone \$ 65
Safety Joint \$
Standby \$
Evaluation \$
Extra Packer \$
Circ. Sub. \$
Mileage \$
Fluid Sampler \$
Extra Charts \$
Insurance \$
Telecopier \$
TOTAL \$

TC# 73600

6074
DST#2

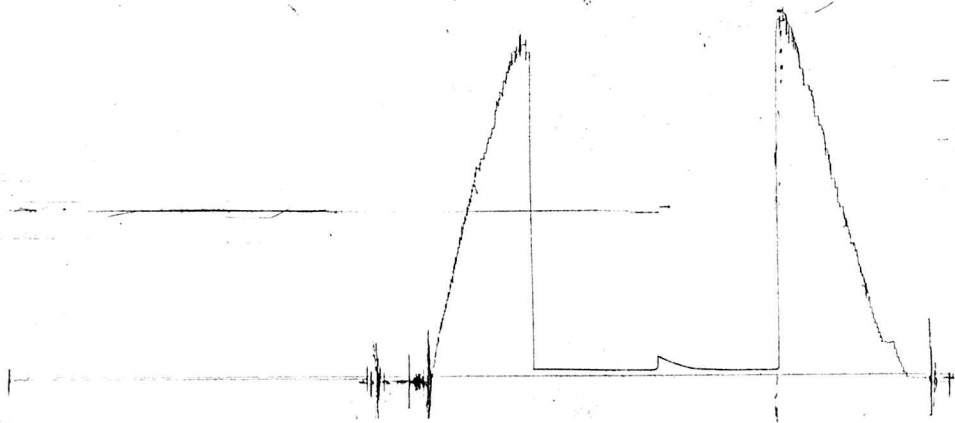
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TK# 7360

6246
DST#2

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WESTERN TESTING COMPANY INC.
SUBSURFACE PRESSURE SURVEY

DATE: 10/20/84 TICKET #7360
CUSTOMER: PLANO PETROLEUM CORPORATION LEASE: PEOPLES BANK HUGHES
WELL: #1 TEST: 2 GEOLOGIST: MCLEOD
ELEVATION (KB): 2121 FORMATION: KINDERHOOK
SECTION: 19 TOWNSHIP: 28S
RANGE: 15W COUNTY: PRATT STATE: KANSAS
GAUGE SN #6074 RANGE: 5100 CLOCK: 12

INTERVAL TEST FROM: 4724 FT TO: 4780 FT TOTAL DEPTH: 4780 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 4719 FT SIZE: 6 5/8 IN PACKER DEPTH: 4724 FT SIZE: 6 5/8 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: ALDEBARAN

MUD TYPE: CHEM VISCOSITY: 74
WEIGHT: 9.4 WATER LOSS (CC): 11.2

CHLORIDES (P.P.M.): 8000

JARS - MAKE: SERIAL NUMBER:
DID WELL FLOW? NO REVERSED OUT? NO

DRILL COLLAR LENGTH: 520 FT I.D.: 2.25 IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 4181 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 23 FT TOOL SIZE: 5 1/2 O.D. IN
ANCHOR LENGTH: 56 FT SIZE: 5 1/2 O.D. 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 XH IN

BLOW: BOTH INITIAL & FINAL FLOW PERIODS
HAD WEAK STEADY BLOWS THROUGHOUT.

RECOVERED: 20 FT OF: DRLG MUD.
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): 2:50 A.M.

WELL TEMPERATURE: 130 °F

INITIAL HYDROSTATIC PRESSURE:

INITIAL FLOW PERIOD MIN: 30

INITIAL CLOSED IN PERIOD MIN: 60

FINAL FLOW PERIOD MIN: 30

FINAL CLOSED IN PERIOD MIN: 60

FINAL HYDROSTATIC PRESSURE

TIME STARTED OFF BOTTOM: 5:50 A.M.

(A) 2418 PSI

(B) 46 PSI TO (C) 46 PSI

(D) 176 PSI

(E) 51 PSI TO (F) 51 PSI

(G) 88 PSI

(H) 2265 PSI

