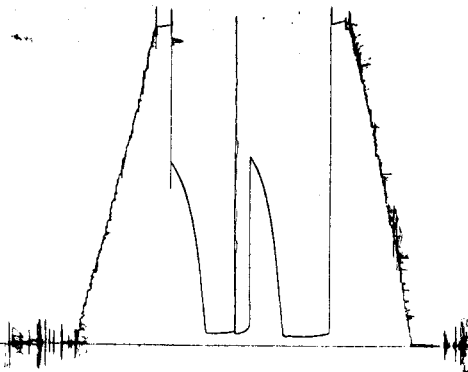


13271

TK# 7928

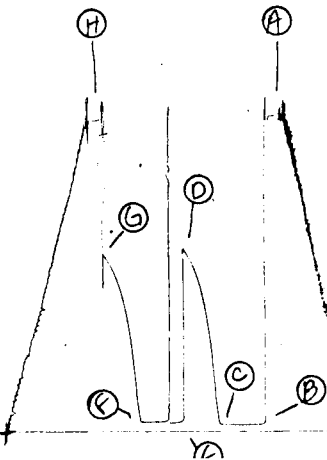
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4339

LC# 7928

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WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET No

1928

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

Elevation 2157 6L Formation Kansas Eff. Pay Ft.

District 14 WAKEENEY Date 2-5-85 Customer Order No.

COMPANY NAME Det X Petroleum Corporation

ADDRESS 1616 Glenarm #1700 Denver Colo. 80202

LEASE AND WELL NO. COUNTY Graham STATE KS. Sec. 7 Twp. 2 S 21 W

Mail Invoice To #1 Davis SAMIE No. Copies Requested 126

Co. Name 11 Address No. Copies Requested 11

Mail Charts To Address No. Copies Requested

Formation Test No. 1 Interval Tested From 3550 ft. to 3605 ft. Total Depth 3605 ft.

Packer Depth 3545 ft. Size 6.314 in. Packer Depth ft. Size in.

Packer Depth 3550 ft. Size 11 in. Packer Depth ft. Size in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 3557 ft. Recorder Number 4338 Cap. 4200

Bottom Recorder Depth (Outside) 3560 ft. Recorder Number 13271 Cap. 4400

Below Saddle Recorder Depth ft. Recorder Number Cap.

Drilling Contractor MURPHY #2 Drill Collar Length 220 I. D. 2.2 in.

Mud Type DALS Viscosity 45 Weight Pipe Length 868 I. D. 3.2 in.

Weight 9.5 Water Loss 8.8 cc. Drill Pipe Length 2440 I. D. 3.8 in.

Chlorides 2,000 P.P.M. Test Tool Length 22 ft. Tool Size 5/200 in.

Jars: Make NO Serial Number 3125 24PF Anchor Length ft. Size in.

Did Well Flow? NO Reversed Out Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.

Main Hole Size 7/8 in. Tool Joint Size 46 PF in.

Blow: IFP - weak die in 10 min

FFP - no blow flushed well two bursts

Recovered 30 ft. of mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Chlorides 4,000 P.P.M. Sample Jars used 2 Remarks: 31' of Drill pipe in anchor

Time On Location 3:25 AM P.M. Time Pick Up Tool 6:15 AM P.M. Time Off Location 12:30 AM P.M.

Time Set Packer(s) 7:25 AM P.M. Time Started Off Bottom 9:25 AM P.M. Maximum Temperature 106°

Initial Hydrostatic Pressure (A) 1187 P.S.I.

Initial Flow Period Minutes 30 (B) 34 P.S.I. to (C) 34 P.S.I.

Initial Closed In Period Minutes 30 (D) 1067 P.S.I.

Final Flow Period Minutes 30 (E) 34 P.S.I. to (F) 56 P.S.I.

Final Closed In Period Minutes 30 (G) 1024 P.S.I.

Final Hydrostatic Pressure (H) 1777 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 Jerry D. McLeod Signature of Customer or his authorized representative

Western Representative [Signature] #0350

FIELD INVOICE

Table with 2 columns: Item and Amount. Items include Open Hole Test (\$550.00), Misrun, Straddle Test, Jars, Selective Zone, Safety Joint (\$65.00), Standby, Evaluation, Extra Packer, Circ. Sub., Mileage, Fluid Sampler, Extra Charts, Insurance, Telecopier, and TOTAL (\$615.00).

WESTERN TESTING CO., INC.

Pressure Data

Date 2-5-85 Recorder No. 4339 Capacity _____ Location _____ Ft
 Test Ticket No. 7928
 Clock No. _____ Elevation _____ Well Temperature _____ °F

Point	Pressure	P.S.I.	Open Tool	M	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1788</u>	P.S.I.				
B First Initial Flow Pressure	<u>39</u>	P.S.I.	First Flow Pressure		_____ Mins.	_____ Mins.
C First Final Flow Pressure	<u>42</u>	P.S.I.	Initial Closed-in Pressure		_____ Mins.	_____ Mins.
D Initial Closed-in Pressure	<u>1070</u>	P.S.I.	Second Flow Pressure		_____ Mins.	_____ Mins.
E Second Initial Flow Pressure	<u>48</u>	P.S.I.	Final Closed-in Pressure		_____ Mins.	_____ Mins.
F Second Final Flow Pressure	<u>57</u>	P.S.I.				
G Final Closed-in Pressure	<u>1039</u>	P.S.I.				
H Final Hydrostatic Mud	<u>1781</u>	P.S.I.				

Hydrostatic

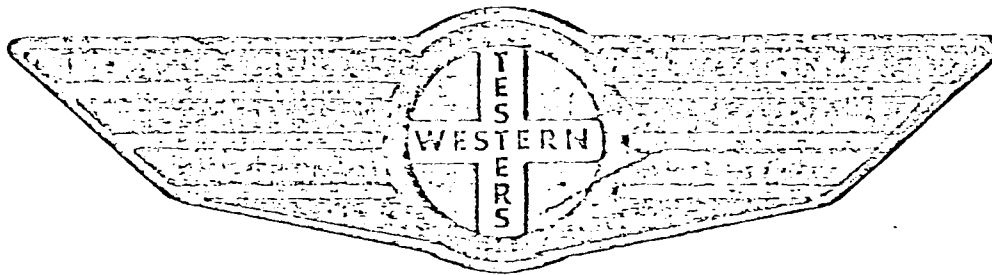
PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>7</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	<u>39</u>	0	<u>42</u>	0	<u>48</u>	0	<u>57</u>
P 2 5	<u>39</u>	3	<u>44</u>	5	<u>48</u>	3	<u>132</u>
P 3 10	<u>39</u>	6	<u>190</u>	10	<u>48</u>	6	<u>341</u>
P 4 15	<u>40</u>	9	<u>428</u>	15	<u>58</u>	9	<u>529</u>
P 5 20	<u>41</u>	12	<u>605</u>	20	<u>57</u>	12	<u>662</u>
P 6 25	<u>42</u>	15	<u>737</u>	25	<u>57</u>	15	<u>764</u>
P 7 30		18	<u>842</u>	30	<u>57</u>	18	<u>851</u>
P 8 35		21	<u>915</u>	35		21	<u>918</u>
P 9 40		24	<u>976</u>	40		24	<u>970</u>
P10 45		27	<u>1027</u>	45		27	<u>1011</u>
P11 50		30	<u>1070</u>	50		30	<u>1039</u>
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

Company PERTX PETROLEUM CORPORATION Lease and Well No. #1 DAVIS Sec. 7 Twp. 7S Rge. 21W Test No. 1 Date 2/5/85

WESTERN TESTING COMPANY INC.
SUBSURFACE PRESSURE SURVEY

DATE: 2/5/85 TICKET #7928
 CUSTOMER: PETX PETROLEUM CORPORATION LEASE: DAVIS
 WELL: #1 TEST: 1 GEOLOGIST: MCLEOD
 ELEVATION (KB): 2164 FORMATION: LOWER LANSING
 SECTION: 7 TOWNSHIP: 7S
 RANGE: 21W COUNTY: GRAHAM STATE: KANSAS
 GAUGE SN #4339 RANGE: 4300 CLOCK: 12

INTERVAL TEST FROM: 3550 FT TO: 3605 FT TOTAL DEPTH: 3605 FT
 DEPTH OF SELECTIVE ZONE: FT
 PACKER DEPTH: 3545 FT SIZE: 6 3/4 IN PACKER DEPTH: 3550 FT SIZE: 6 3/4 IN
 PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: MURFIN
 MUD TYPE: DRIS VISCOSITY: 45
 WEIGHT: 9.5 WATER LOSS (CC): 8.8
 CHLORIDES (P.P.M.): 2000
 JARS - MAKE: NO SERIAL NUMBER:
 DID WELL FLOW? NO REVERSED OUT?
 DRILL COLLAR LENGTH: 220 FT I.D.: 2.25 IN
 WEIGHT PIPE LENGTH: 868 FT I.D.: 3.2 IN
 DRILL PIPE LENGTH: 2440 FT I.D.: 3.8 IN
 TEST TOOL LENGTH: 22 FT TOOL SIZE: 5 1/2 O.D. IN
 ANCHOR LENGTH: 35' DP+24PF 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 FH IN

BLOW: INITIAL FLOW PERIOD WEAK BLOW DEAD
 IN 12 MINUTES. FINAL FLOW PERIOD
 NO BLOW FLUSHED TOOL TWO BURSTS.

RECOVERED: 30 FT OF: MUD; CHLORIDES 4000 P.P.M.
 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: 31' OF DRILL PIPE IN COLLAR.

TIME SET PACKER(S): 7:25 P.M. TIME STARTED OFF BOTTOM: 9:25 P.M.
 WELL TEMPERATURE: 106 °F
 INITIAL HYDROSTATIC PRESSURE: (A) 1788 PSI
 INITIAL FLOW PERIOD MIN: 30 (B) 39 PSI TO (C) 42 PSI
 INITIAL CLOSED IN PERIOD MIN: 30 (D) 1070 PSI
 FINAL FLOW PERIOD MIN: 30 (E) 48 PSI TO (F) 57 PSI
 FINAL CLOSED IN PERIOD MIN: 30 (G) 1039 PSI
 FINAL HYDROSTATIC PRESSURE (H) 1781 PSI

