



WESTERN TESTING CO., INC.  
FORMATION TESTING

Call - OK

303-628-9211

TICKET

Nº 7843

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

Elevation 2001 GS

Formation MISS

Eff. Pay Ft.

NEW WICHITA, KANSAS 67201

16

District Dodge City

Date 1-5-85

Customer Order No. 54648

COMPANY NAME Quintana Petroleum Corporation

ADDRESS 818-17th St Suite 610 Denver Co 80202

LEASE AND WELL NO. Mclaughlin # 1-22 COUNTY Comanche STATE KS Sec. 22 Twp. 31 Rge. 20W

Mail Invoice To #1-22 MCLAUGHLIN Same No. Copies Requested 9

Mail Charts To See Dist. Same No. Copies Requested 9

Formation Test No. 1 Interval Tested From 4951 ft. to 5050 ft. Total Depth 5050 ft.

Packer Depth 4946 ft. Size 63/4 in. Packer Depth --- ft. Size --- in.

Packer Depth 4951 ft. Size 63/4 in. Packer Depth --- ft. Size --- in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 5033 ft. Recorder Number 6233 Cap. 4000

Bottom Recorder Depth (Outside) 5036 ft. Recorder Number 13400 Cap. 3950

Below Saddle Recorder Depth --- ft. Recorder Number --- Cap. ---

Drilling Contractor Aldebaran Rig # 2 Drill Collar Length 559 I. D. 2.2 in.

Mud Type Drispac Viscosity 45 Weight Pipe Length --- I. D. --- in.

Weight 9.4 Water Loss 7.2 cc. Drill Pipe Length 4360 I. D. 3.8 in.

Chlorides 7.000 P.P.M. Test Tool Length 32 ft. Tool Size 5 1/2 OD in.

Jars: Make Western Serial Number 414 Anchor Length 99 ft. Size 5 1/2 OD 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 1/8 in. Tool Joint Size 4 1/2 X H in.

Blow: IFP - Weak steady blow 1" in. water

FFP - Weak blow died 10 min

Recovered 60 ft. of mud - no show

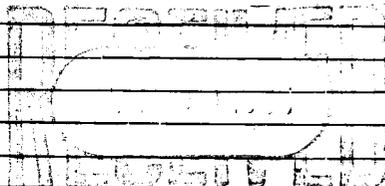
Recovered --- ft. of

Recovered --- ft. of

Recovered --- ft. of

Recovered --- ft. of

Chlorides 10.000 P.P.M. Sample Jars used 1 Remarks:



Time On Location 2:30 AM Time Pick Up Tool 4:00 AM Time Off Location 12:30 PM

Time Set Packer(s) 6:45 AM Time Started Off Bottom 9:00 AM Maximum Temperature 125

Initial Hydrostatic Pressure (A) 2556 P.S.I.

Initial Flow Period (B) 30 Minutes 81 P.S.I. to (C) 91 P.S.I.

Initial Closed In Period (D) 60 Minutes 132 P.S.I.

Final Flow Period (E) 15 Minutes 111 P.S.I. to (F) 111 P.S.I.

Final Closed In Period (G) 30 Minutes 121 P.S.I.

Final Hydrostatic Pressure (H) 2476 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 Henry B. [Signature]  
Signature of Customer or his authorized representative

Western Representative Mike Schubert 1940

Thank you!

FIELD INVOICE

Open Hole Test	\$ 2650.00
Misrun	\$
Straddle Test	\$
Jars	\$ 300.00
Selective Zone	\$
Safety Joint	\$ 65.00
Standby	\$
Evaluation	\$
Extra Packer	\$
Circ. Sub.	\$
Mileage	\$
Fluid Sampler	\$ 300.00
Extra Charts	\$ NC
Insurance	\$ 50.00
Telecopier	\$
TOTAL	\$ 1365.00



### Fluid Sample Report

Date Jan 5, 1984 Ticket No. 1843  
 Company Quintana Petroleum Corporation  
 Well Name & No. McLaughlin # 1-22 DST No. 1  
 County Comanche State Kansas  
 Sampler No. \_\_\_\_\_ Test Interval 4951 - 5050

Pressure in Sampler 100 PSIG BHT 125 OF

Total Volume of Sampler 3150 cc.  
 Total Volume of Sample: 3000 cc.  
 Oil: \_\_\_\_\_ cc.  
 Water: \_\_\_\_\_ cc.  
 Mud: 3000 cc.  
 Gas: \_\_\_\_\_ cu. ft.  
 Other: \_\_\_\_\_

Mud Resistivity  
Water: 1.8 @ 55° of Chloride Content 10,000 ppm.  
 Mud Pit Sample 1.8 @ 55° of Chloride Content 10,000 ppm.  
 Gas/Oil Ratio \_\_\_\_\_ Gravity \_\_\_\_\_ °API @ \_\_\_\_\_ OF

Where was sample drained Dodge City Shop

Remarks: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

WESTERN TESTING CO., INC.  
Pressure Data

Date: 1/5/85 Test Ticket No. 7843  
 Recorder No. 6233 Capacity \_\_\_\_\_ Location \_\_\_\_\_ Ft  
 Clock No. \_\_\_\_\_ Elevation \_\_\_\_\_ Well Temperature \_\_\_\_\_ °F

Point	Pressure	Open Tool	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2550</u> P.S.I.			
B First Initial Flow Pressure	<u>99</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	
C First Final Flow Pressure	<u>105</u> P.S.I.	Initial Closed-in Pressure	<u>60</u> Mins.	
D Initial Closed-in Pressure	<u>128</u> P.S.I.	Second Flow Pressure	<u>15</u> Mins.	
E Second Initial Flow Pressure	<u>116</u> P.S.I.	Final Closed-in Pressure	<u>30</u> Mins.	
F Second Final Flow Pressure	<u>116</u> P.S.I.			
G Final Closed-in Pressure	<u>120</u> P.S.I.			
H Final Hydrostatic Mud	<u>2486</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure Breakdown: <u>7</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.		Initial Shut-In Breakdown: <u>21</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.		Second Flow Pressure Breakdown: <u>4</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.		Final Shut-In Breakdown: <u>11</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1	<u>99</u>	0	<u>105</u>	0	<u>116</u>	0	<u>116</u>
P 2	<u>99</u>	3	<u>106</u>	5	<u>116</u>	3	<u>116</u>
P 3	<u>100</u>	6	<u>107</u>	10	<u>116</u>	6	<u>117</u>
P 4	<u>101</u>	9	<u>108</u>	15	<u>116</u>	9	<u>117</u>
P 5	<u>102</u>	12	<u>109</u>	20	<u>116</u>	12	<u>117</u>
P 6	<u>103</u>	15	<u>110</u>	25	<u>116</u>	15	<u>117</u>
P 7	<u>105</u>	18	<u>111</u>	30	<u>116</u>	(7) 18	<u>118</u>
P 8		21	<u>112</u>	35	<u>116</u>	21	<u>118</u>
P 9		24	<u>113</u>	40	<u>116</u>	24	<u>119</u>
P10		27	<u>114</u>	(10) 45	<u>116</u>	27	<u>119</u>
P11		(11) 30	<u>115</u>	50	<u>116</u>	(11) 30	<u>120</u>
P12		33	<u>116</u>	55	<u>116</u>	33	<u>120</u>
P13		36	<u>117</u>	60	<u>116</u>	36	<u>120</u>
P14		39	<u>118</u>	65	<u>116</u>	39	<u>120</u>
P15		42	<u>119</u>	70	<u>116</u>	42	<u>120</u>
P16		(16) 45	<u>120</u>	(14) 75	<u>116</u>	(16) 45	<u>120</u>
P17		48	<u>121</u>	80	<u>116</u>	48	<u>120</u>
P18		51	<u>122</u>	85	<u>116</u>	51	<u>120</u>
P19		54	<u>124</u>	(19) 90	<u>116</u>	54	<u>120</u>
P20		57	<u>126</u>		<u>116</u>	57	<u>120</u>
		60	<u>128</u>		<u>116</u>	(21) 60	<u>120</u>

6-233

TRC # 7843

9



(H)

(H)

(G)

(P)

(E)

(D)

(C)

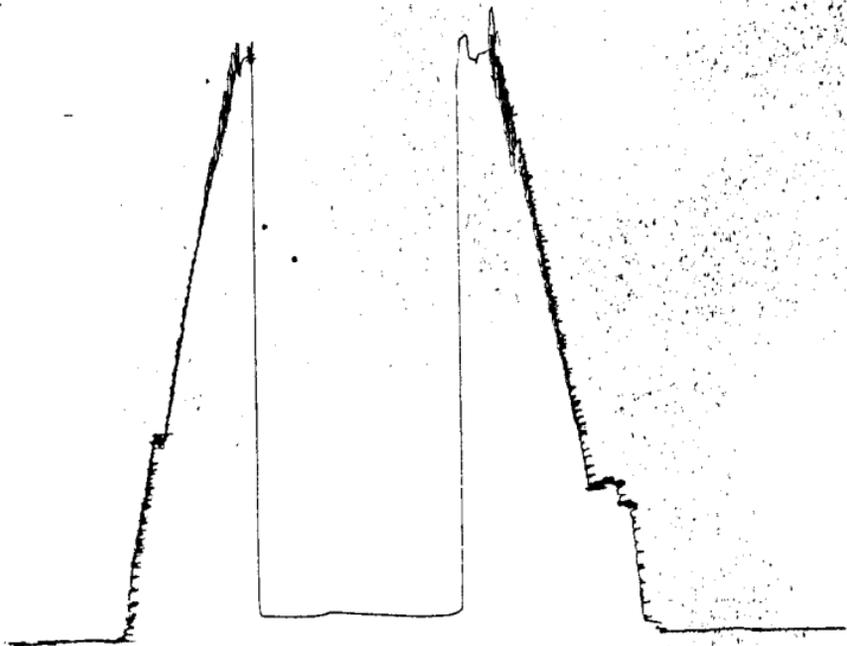
(B)



IC# 7843

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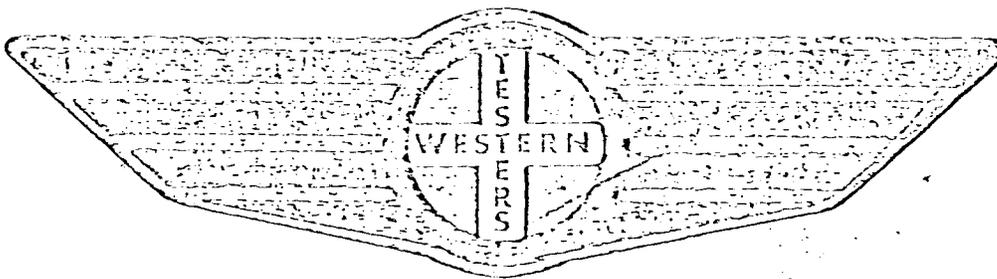


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FORMATION

TEST

REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

WESTERN TESTING COMPANY INC.  
SUBSURFACE PRESSURE SURVEY

DATE: 1/5/85  
 CUSTOMER: QUINTANA PETROLEUM CORP.  
 WELL: 1-22 TEST: 1  
 ELEVATION (KB): 2007 FORMATION: MISS  
 SECTION: 22 TOWNSHIP: 31S  
 RANGE: 20W COUNTY: COMANCHE STATE: KANSAS  
 GAUGE SN #6233 RANGE: 4000 CLOCK: 12

INTERVAL TEST FROM: 4951 FT TO: 5050 FT TOTAL DEPTH: 5050 FT  
 DEPTH OF SELECTIVE ZONE: FT  
 PACKER DEPTH: 4946 FT SIZE: 6 3/4 IN PACKER DEPTH: 4951 FT SIZE: 6 3/4 IN  
 PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: ALDEBARAN  
 MUD TYPE: DRISPAC VISCOSITY: 45  
 WEIGHT: 9.4 WATER LOSS (CC): 7.2  
 CHLORIDES (P.P.M.): 7000  
 JARS - MAKE: W.T.C. SERIAL NUMBER: 414  
 DID WELL FLOW? NO REVERSED OUT? NO  
 DRILL COLLAR LENGTH: 559 FT I.D.: 2.25 IN  
 WEIGHT PIPE LENGTH: FT I.D.: IN  
 DRILL PIPE LENGTH: 4360 FT I.D.: 3.8 IN  
 TEST TOOL LENGTH: 32 FT TOOL SIZE: 5 1/2 O.D. IN  
 ANCHOR LENGTH: 99 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: INITIAL FLOW PERIOD WEAK STEADY BLOW  
 1" IN WATER. FINAL FLOW PERIOD WEAK  
 BLOW DEAD IN 10 MINUTES.

RECOVERED: 60 FT OF: MUD; NO SHOW. CHLORIDES 10000 P.P.M.  
 RECOVERED: FT OF:  
 RECOVERED: FT OF:

REMARKS:

TIME SET PACKER(S): 6:45 A.M. TIME STARTED OFF BOTTOM: 9:00 A.M.  
 WELL TEMPERATURE: 125 °F  
 INITIAL HYDROSTATIC PRESSURE: (A) 2556 PSI  
 INITIAL FLOW PERIOD MIN: 30 (B) 99 PSI TO (C) 105 PSI  
 INITIAL CLOSED IN PERIOD MIN: 60 (D) 128 PSI  
 FINAL FLOW PERIOD MIN: 15 (E) 116 PSI TO (F) 116 PSI  
 FINAL CLOSED IN PERIOD MIN: 30 (G) 120 PSI  
 FINAL HYDROSTATIC PRESSURE (H) 2486 PSI

