



WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET No. 7441

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

Elevation 1980 G.L. Formation Eff. Pay Ft.

District Pratt Date 12/2/84 Customer Order No.
COMPANY NAME Chapman Energy Oklahoma, Inc

ADDRESS 120 South Market Suite 320 Wichita, KS 67202

LEASE AND WELL NO. De Geer #1 COUNTY Barber STATE KS Sec. 34 Twp. 32 Rge. 15

Mail Invoice To Same No. Copies Requested 5

Mail Charts To Same #1 DEGEER No. Copies Requested 5

Formation Test No. 1 Interval Tested From 2746 ft. to 2816 ft. Total Depth 2816 ft.

Packer Depth 2741 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.

Packer Depth 2746 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 2806 ft. Recorder Number 13552 Cap. 4050

Bottom Recorder Depth (Outside) 2809 ft. Recorder Number 3086 Cap. 4500

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

Drilling Contractor Wheat State Rig #2 Drill Collar Length 120 I. D. 2 1/4 in.

Mud Type Chemical Viscosity 37 Weight Pipe Length - I. D. - in.

Weight 8.9 Water Loss 32.0 cc. Drill Pipe Length 2597 I. D. 3 3/8 in.

Chlorides 14,000 P.P.M. Test Tool Length 29 ft. Tool Size 5 1/2 in.

Jars: Make WTC Serial Number 405 Anchor Length 70 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 4 1/2 FH in.

Blow: Fair blow throughout flow periods

Recovered 160 ft. of Sli Gas Cut Mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

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

Time On Location 10:30 AM Time Pick Up Tool 11:30 AM Time Off Location 6:30 AM

Time Set Packer(s) 12:50 AM Time Started Off Bottom 3:50 AM Maximum Temperature 107°

Initial Hydrostatic Pressure (A) 1419 P.S.I.

Initial Flow Period Minutes 30 (B) 132 P.S.I. to (C) 142 P.S.I.

Initial Closed In Period Minutes 45 (D) 213 P.S.I.

Final Flow Period Minutes 45 (E) 152 P.S.I. to (F) 152 P.S.I.

Final Closed In Period Minutes 60 (G) 243 P.S.I.

Final Hydrostatic Pressure (H) 1398 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: [Signature]
Signature of Customer or his authorized representative

Western Representative: [Signature]
2376

FIELD INVOICE

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

WESTERN TESTING CO., INC.

Pressure Data

Date: 12-2-84 Test Ticket No. 7421
 Recorder No. 13552 Capacity 4050 Location _____ Ft.
 Clock No. _____ Elevation _____ Well Temperature _____ °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1419</u>	P.S.I.		M
B First Initial Flow Pressure	<u>133</u>	P.S.I.	<u>30</u> Mins.	_____ Mins.
C First Final Flow Pressure	<u>141</u>	P.S.I.	<u>45</u> Mins.	_____ Mins.
D Initial Closed-in Pressure	<u>208</u>	P.S.I.	<u>45</u> Mins.	_____ Mins.
E Second Initial Flow Pressure	<u>146</u>	P.S.I.	<u>60</u> Mins.	_____ Mins.
F Second Final Flow Pressure	<u>140</u>	P.S.I.		
G Final Closed-in Pressure	<u>250</u>	P.S.I.		
H Final Hydrostatic Mud	<u>1379</u>	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure
 Breakdown: 7 Inc.
 of 5 mins. and a
 final inc. of 0 Min.

Initial Shut-In
 Breakdown: 15 Inc.
 of 3 mins. and a
 final inc. of 0 Min.

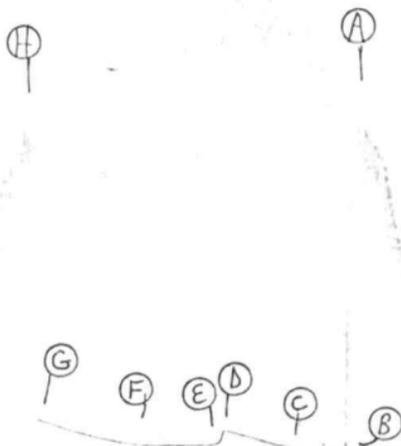
Second Flow Pressure
 Breakdown: 10 Inc.
 of 5 mins. and a
 final inc. of 0 Min.

Final Shut-In
 Breakdown: _____ Inc.
 of 3 mins. and a
 final inc. of 0 Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 0	<u>133</u>	0	<u>141</u>	0	<u>146</u>	0	<u>146</u>
P 2 5	<u>1</u>	3	<u>142</u>	5	<u>7</u>	3	<u>146</u>
P 3 10	<u>133</u>	6	<u>144</u>	10	<u>7</u>	6	<u>148</u>
P 4 15	<u>135</u>	9	<u>148</u>	15	<u>146</u>	9	<u>150</u>
P 5 20	<u>137</u>	12	<u>152</u>	20	<u>7</u>	12	<u>153</u>
P 6 25	<u>139</u>	15	<u>157</u>	25	<u>7</u>	15	<u>158</u>
P 7 30	<u>140</u>	<u>18</u> ⁷	<u>168</u> ²	30	<u>146</u>	18	<u>163</u>
P 8 35		21	<u>167</u>	35	<u>7</u>	21	<u>168</u>
P 9 40		24	<u>178</u> ⁴	40	<u>7</u>	24	<u>173</u>
P10 45		27	<u>182</u>	45	<u>146</u>	27	<u>178</u>
P11 50		30	<u>188</u>	50		30	<u>183</u>
P12 55		33	<u>193</u>	55		33	<u>188</u>
P13 60		36	<u>198</u>	60		36	<u>193</u>
P14		39	<u>203</u>	65		39	<u>198</u>
P15		42	<u>208</u>	70		42	<u>204</u>
P16		45		75		45	<u>210</u>
P17		48		80		48	<u>216</u>
P18		51		85		51	<u>222</u>
P19		54		90		54	<u>229</u>
P20		57				57	<u>236</u>
		60				60	<u>243</u>
						63	<u>250</u>

TKT # 7441

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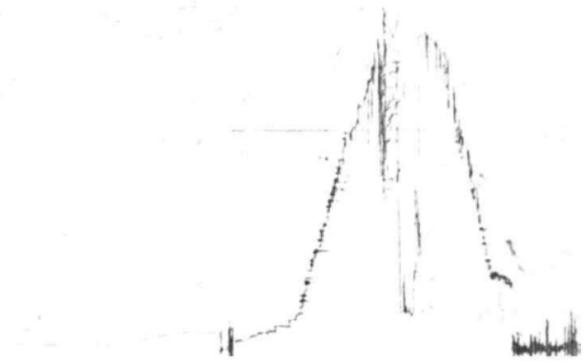


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TKT # 7441

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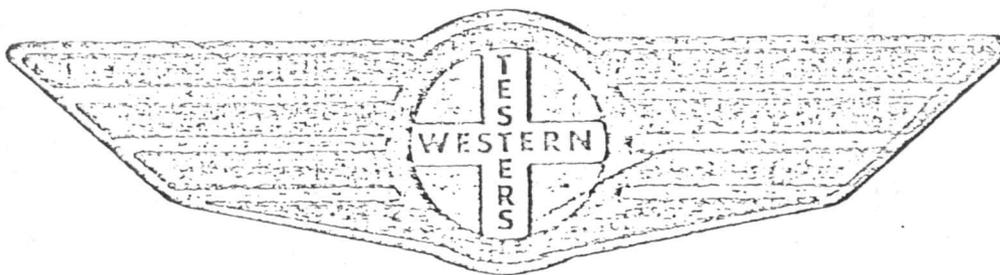
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FORMATION

TEST

REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

Company _____ CHAPMAN ENERGY OKLAHOMA, INC. Lease and Well No. _____ #1 DEGREEK _____ Sec. 34 Twp. 32S Rge. 13W Test No. 1 Date 12/2/8

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 12/2/84 TICKET #7441
CUSTOMER: CHAPMAN ENERGY OKLAHOMA INC. LEASE: DEGEER
WELL: 1 TEST: 1 GEOLOGIST: HORT ?
ELEVATION (KB): 1985 FORMATION:
SECTION: 34 TOWNSHIP: 32S
RANGE: 15W COUNTY: BARBER STATE: KANSAS
GAUGE SN #13552 RANGE: 4050 CLOCK: 12

INTERVAL TEST FROM: 2746 FT TO: 2816 FT TOTAL DEPTH: 2816 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 2741 FT SIZE: 6 5/8 IN PACKER DEPTH: 2746 FT SIZE: 6 5/8 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: WHEATSTATE DRLG
MUD TYPE: CHEMICAL VISCOSITY: 34
WEIGHT: 8.9 WATER LOSS (CC): 32.0
CHLORIDES (P.P.M.): 14000
JARS - MAKE: WTC SERIAL NUMBER: 405
DID WELL FLOW? NO REVERSED OUT? NO
DRILL COLLAR LENGTH: 120 FT I.D.: 2.25 IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 2597 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 29 FT TOOL SIZE: 5 1/2 OD IN
ANCHOR LENGTH: 70 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 FH IN

BLOW: FAIR BLOW THROUGHOUT TEST.

RECOVERED: 160 FT OF: SLIGHTLY GAS CUT MUD.
RECOVERED: FT OF:
RECOVERED: FT OF:

REMARKS:

TIME SET PACKER(S): 12:50 AM TIME STARTED OFF BOTTOM: 3:50 AM
WELL TEMPERATURE: 107 'F
INITIAL HYDROSTATIC PRESSURE: (A) 1419 PSI
INITIAL FLOW PERIOD MIN: 30 (B) 133 PSI TO (C) 141 PSI
INITIAL CLOSED IN PERIOD MIN: 42 (D) 208 PSI
FINAL FLOW PERIOD MIN: 45 (E) 146 PSI TO (F) 146 PSI
FINAL CLOSED IN PERIOD MIN: 63 (G) 250 PSI
FINAL HYDROSTATIC PRESSURE (H) 1379 PSI

