



WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET

OK
No 15756

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

Elevation 1643 K.B Formation MESS. Eff. Pay — Ft.

District DODGE CITY Date 12/15/82 Customer Order No. —

COMPANY NAME PICKRELL DRUG Company Litchfield Bldg Unit 205

ADDRESS 110 N. MARKET WICHITA, KS. 67202

LEASE AND WELL NO. #1 AHIF #A COUNTY Kingman STATE Ks Sec. 35 Twp. 30S Rge. 8W

Mail Invoice To #1 "A" AHIF Address SAME No. Copies Requested 5

Co. Name — Address SAME No. Copies Requested 5

Mail Charts To — Address — No. Copies Requested —

Formation Test No. 1 Interval Tested From 4372 ft. to 4387 ft. Total Depth 4387 ft.

Packer Depth 4367 ft. Size 6 3/4 in. Packer Depth 4372 ft. Size 6 5/8 in.

Packer Depth — ft. Size — in. Packer Depth — ft. Size — in.

Depth of Selective Zone Set —

Top Recorder Depth (Inside) 4374 ft. Recorder Number 10980 Cap. 4200

Bottom Recorder Depth (Outside) 4378 ft. Recorder Number 6233 Cap. 4000

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

Drilling Contractor Co Tools #10 Drill Collar Length 249' I. D. 2.2 in.

Mud Type Celler Viscosity 44 Weight Pipe Length — I. D. — in.

Weight 9.3 Water Loss 10.8 cc. Drill Pipe Length 4102' I. D. 3.8 in.

Chlorides 10,000 P.P.M. Test Tool Length 21 ft. Tool Size 4.5 in.

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

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

Main Hole Size 7 7/8 in. Tool Joint Size 4.5 in.

Blow: 1ST - VERY WEAK BLOW DEEPEN 25 min.

2ND - NO BLOW - FLUSHED TOOL NO HELP

Recovered 10' ft. of MUD

Recovered — ft. of —

Recovered — ft. of —

Recovered — ft. of —

Recovered — ft. of —

Remarks: SLED 3' AFTER TOOL OPEN PLUGGED ANCHOR
SLED 1' ON 2ND OPENING

Time On Location 11:00 A.M. Time Pick Up Tool 11:35 A.M. Time Off Location — A.M.

Time Set Packer(s) 11:35 A.M. Time Started Off Bottom 2:45 A.M. Maximum Temperature —

Initial Hydrostatic Pressure — (A) X 2159 P.S.I.

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

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

Final Flow Period 10 Minutes (E) — P.S.I. to (F) — P.S.I.

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

Final Hydrostatic Pressure — (H) X 2147 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 Bill Klewer
Signature of Customer or his authorized representative

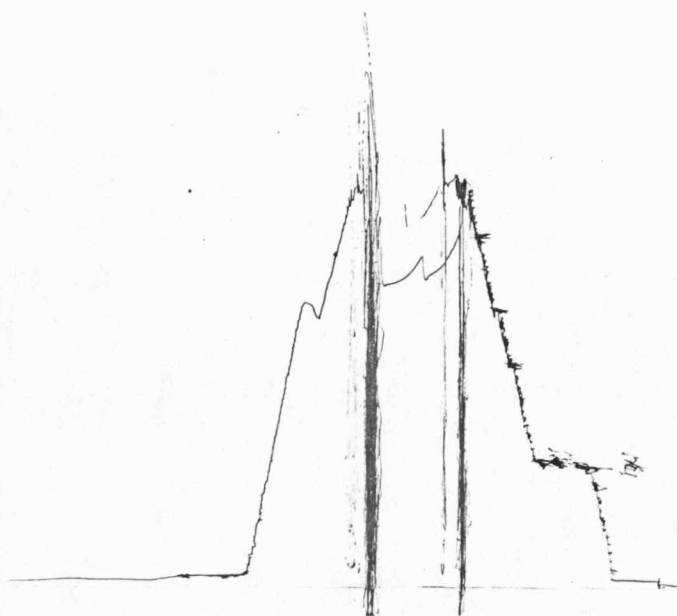
Western Representative Danell Chapman Thank you Bill

FIELD INVOICE

Open Hole Test \$ 400.00
Misrun \$ —
Straddle Test \$ —
Jars \$ —
Selective Zone \$ —
Safety Joint \$ —
Standby \$ —
Evaluation \$ —
Extra Packer \$ —
Circ. Sub. \$ —
Mileage OK \$ —
Fluid Sampler \$ —
Extra Charts \$ —
Insurance \$ —
Telecopier \$ —
TOTAL \$ 400.00

TKT # 15756

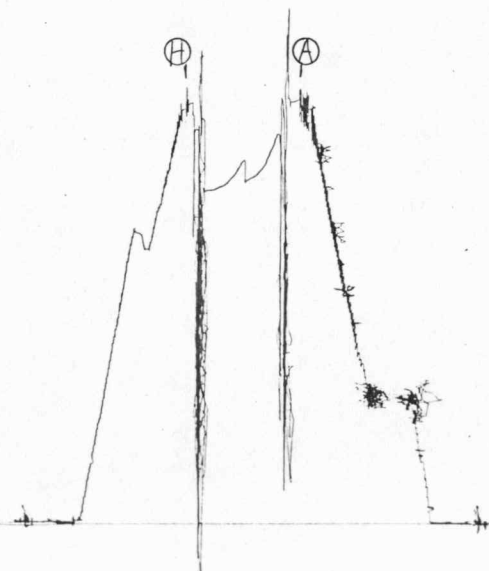
I



108601

TKT # 15756

O



Company Pickrell Drilling Company Lease & Well No. #1 "A" Ahlf
Elevation 1643 Kelly Bushing Formation Mississippi Effective Pay -- Ft. Ticket No. 15756
Date 12/15 /82 Sec. 35 Twp. 30S Range 8W County Kingman State Kansas
Test Approved by Bill Klaver Western Representative Darrell Claphan

Formation Test No. 1 Interval Tested from 4372 ft. to 4387 ft. Total Depth 4387 ft.

Packer Depth 4367 ft. Size 6 3/4 in. Packer Depth 4372 ft. Size 6 3/4 in.

Packer Depth - ft. Size - in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4374 ft. Recorder Number 10980 Cap. 4200

Bottom Recorder Depth (Outside) 4378 ft. Recorder Number 6233 Cap. 4000

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

Drilling Contractor Pickrell Drilling Rig #10 Drill Collar Length 249 I. D. 2.2 in.

Mud Type cellex Viscosity 44 Weight Pipe Length - I. D. - in.

Weight 9.3 Water Loss 10.8 cc. Drill Pipe Length 4102 I. D. 3.8 in.

Chlorides 10,000 P.P.M. Test Tool Length 21 ft. Tool Size 4.5 in.

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

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

Main Hole Size 7 7/8 in. Tool Joint Size 4.5 in.

Blow: Initial flow period very weak blow and died in twenty-five minutes. Final flow period no blow - flushed tool - no help.

Recovered 10 ft. of mud

Recovered - ft. of

Recovered - ft. of

Recovered - ft. of

Recovered - ft. of

Remarks: MISRUN
Slid three feet after tool opened PLUGGED ANCHOR
Slid one foot on final flow period.

Read outside chart

Time Set Packer(s) 1:35 A.M. Time Started Off Bottom 2:45 A.M. Maximum Temperature --

Initial Hydrostatic Pressure (A) 2159 P.S.I.

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

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

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

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

Final Hydrostatic Pressure (H) 2147 P.S.I.



WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET

No. 15757

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

Elevation 1643 K.B. Formation MISS. Eff. Pay — Ft.

District DODGE City Date 12/16/82 Customer Order No. —
COMPANY NAME PICKRELL DRILL COMPANY Latimer Body Unit 205
ADDRESS 110 N. MARKET WICHITA KS 67202
LEASE AND WELL NO. #1 AHIP #A COUNTY Kingman STATE KS Sec. 35 Twp. 30S Rge. 8W
Mail Invoice To #1 "A" AHLF SAME No. Copies Requested 5
Co. Name Address
Mail Charts To SAME No. Copies Requested 5
Address

Formation Test No. 2 Interval Tested From 4373 ft. to 4389 ft. Total Depth 4389 ft.
Packer Depth 4368 ft. Size 6 3/4 in. Packer Depth 4373 ft. Size 6 5/8 in.
Packer Depth — ft. Size — in. Packer Depth — ft. Size — in.
Depth of Selective Zone Set —

Top Recorder Depth (Inside) 4375 ft. Recorder Number 10980 Cap. 4200
Bottom Recorder Depth (Outside) 4379 ft. Recorder Number 6233 Cap. 4000
Below Straddle Recorder Depth — ft. Recorder Number — Cap. —
Drilling Contractor Go Tools Rig #10 Drill Collar Length 249' I. D. 2.2 in.
Mud Type Celler Viscosity 47 Weight Pipe Length — I. D. — in.
Weight 9.3 Water Loss 14.0 cc. Drill Pipe Length 4103' I. D. 3.8 in.
Chlorides 14,000 P.P.M. Test Tool Length 21' ft. Tool Size 4.5 in.
Jars: Make — Serial Number — Anchor Length 16' ft. Size 5.5 in.
Did Well Flow? YES Reversed Out NO Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.
B.T.S. Main Hole Size 7 1/8 in. Tool Joint Size 4.5 in.

Blow: 1ST - STRONG BLOW - G.T.S. SEE ATTACHED SHEET #3158
2ND - STRONG BLOW large measurement
Recovered 30' ft. of SLOSPGCM CHLORIDES 30,000
Recovered 120' ft. of VSLOSPGCMW
Recovered 180' ft. of VSLOSPGCMW
Recovered 330' ft. of TOTAL FLUID
Remarks: GAS WOULD BURN. READ #6233 - 3 SAMPLES (JAR)

Time On Location 10:50 A.M. Time Pick Up Tool 12:15 A.M. Time Off Location — A.M.
Time Set Packer(s) 2:35 A.M. Time Started Off Bottom 7:05 A.M. Maximum Temperature 118°
Initial Hydrostatic Pressure (A) 2147 P.S.I.
Initial Flow Period Minutes 30 (B) 111 P.S.I. to (C) 111 P.S.I.
Initial Closed In Period Minutes 60 (D) 1402 P.S.I.
Final Flow Period Minutes 90 (E) 132 P.S.I. to (F) 142 P.S.I.
Final Closed In Period Minutes 90 (G) 1343 P.S.I.
Final Hydrostatic Pressure (H) 2097 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 Bill Wayne
Signature of Customer or his authorized representative

Western Representative Danell Clapham

FIELD INVOICE

Open Hole Test \$ 675.00
Misrun \$ —
Straddle Test \$ —
Jars \$ —
Selective Zone \$ —
Safety Joint \$ —
Standby \$ —
Evaluation \$ —
Extra Packer \$ —
Circ. Sub. \$ —
Mileage N/C \$ —
Fluid Sampler \$ —
Extra Charts \$ —
Insurance \$ —
Telecopier \$ —
TOTAL \$ 675.00



Nº 3158

GAS FLOW REPORT

Date 12/16/82 Ticket #15757 Company PICKRELL DRUG CO.
 Well Name and No. #1 AHIF #A Dst No. 2 Interval Tested 4373-4389
 County KINGMAN State KS Sec. 35 Twp. 30S Rg. 8W

Time Gauge in Min.	P.S.I. on Merla Orifice Well Tester	Size of Orifice	P.S.I. on Pitot Tester	P.S.I. on Side Static Tester	Description of Flow
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PRE FLOW

Tool OPEN @ APPROX. 2:35 A.M. B.T.S. in 10 min.

10 min.	—	—	—	—	59,200	
15 min	3# P.S.I.	1/2	—	—	69,200	C.F.P.D
20 min	4#	"	—	—	68,800	" "
25 min	10#	"	—	—	116,000	" "
30 min	13#	"	—	—	134,000	" "

SECOND FLOW

10 min	20# P.S.I.	1/2"	—	—	171,000	C.F.P.D
20 min	22#	"	—	—	189,000	" "
30 min	23#	"	—	—	193,000	" "
40 min	23#	"	—	—	193,000	" "
50 min	23#	"	—	—	193,000	" "
60 min	24#	"	—	—	200,000	" "
70 min	24#	"	—	—	200,000	" "
80 min	24#	"	—	—	200,000	" "
90 min	24#	"	—	—	200,000	" "

GAS BOTTLE

Serial No. _____ Date Bottle Filled _____ Date to be Invoiced _____

Requisition and Provisions for high pressure stainless steel gas bottles. Western Testing Co., Inc. shall not be liable for damage of any kind to property or personnel of the one whom gas bottle is filled or for any loss suffered or sustained directly or indirectly through the use of these bottles. By signing of this ticket showing receipt of a gas testing bottle, the undersigned agrees for himself and as agent for operator, to return this bottle to Western Testing Co., Inc. within thirty (30) days free of charge, or be invoiced in the amount of \$75.00 (total charge). Should valve or seal plug be missing or damaged beyond repair, operator shall be invoiced for repairs at our invoiced price.

All charges subject to 1 1/2% per month, equal to 18% interest per annum after 30 days from date of invoice. Any expense incurred for collection will be added to the original amount.

COMPANY'S NAME

PICKRELL DRUG CO.

Authorized by _____

WESTERN TESTING CO., INC.

Pressure Data

Date: 12-16-82 Test Ticket No. 15757
 Recorder No. 6233 Capacity 4000 Location 4329 Ft.
 Clock No. --- Elevation 1643 KB Well Temperature 118 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2161</u> P.S.I.	Open Tool	<u>2:35A</u> M	
B First Initial Flow Pressure	<u>117</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>117</u> P.S.I.	Initial Closed-in Pressure	<u>60</u> Mins.	<u>57</u> Mins.
D Initial Closed-in Pressure	<u>1407</u> P.S.I.	Second Flow Pressure	<u>90</u> Mins.	<u>85</u> Mins.
E Second Initial Flow Pressure	<u>128</u> P.S.I.	Final Closed-in Pressure	<u>90</u> Mins.	<u>90</u> Mins.
F Second Final Flow Pressure	<u>144</u> P.S.I.			
G Final Closed-in Pressure	<u>1248</u> P.S.I.			
H Final Hydrostatic Mud	<u>2114</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>19</u> Inc.		Breakdown: <u>17</u> Inc.		Breakdown: <u>30</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>117</u>	0	<u>117</u>	0	<u>128</u>	0	<u>144</u>
P 2 5		3	<u>1125</u>	5	<u>1</u>	3	<u>924</u>
P 3 10		6	<u>1256</u>	10	<u>1</u>	6	<u>1072</u>
P 4 15		9	<u>1302</u>	15	<u>128</u>	9	<u>1121</u>
P 5 20		12	<u>1326</u>	20	<u>128</u>	12	<u>1155</u>
P 6 25		15	<u>1342</u>	25	<u>129</u>	15	<u>1181</u>
P 7 30	<u>117</u>	18	<u>1354</u>	30	<u>130</u>	18	<u>1198</u>
P 8 35		21	<u>1365</u>	35	<u>132</u>	21	<u>1220</u>
P 9 40		24	<u>1372</u>	40	<u>133</u>	24	<u>1228</u>
P10 45		27	<u>1378</u>	45	<u>134</u>	27	<u>1237</u>
P11 50		30	<u>1381</u>	50	<u>135</u>	30	<u>1248</u>
P12 55		33	<u>1387</u>	55	<u>136</u>	33	<u>1257</u>
P13 60		36	<u>1392</u>	60	<u>138</u>	36	<u>1264</u>
P14		39	<u>1396</u>	65	<u>140</u>	39	<u>1272</u>
P15		42	<u>1398</u>	70	<u>141</u>	42	<u>1281</u>
P16		45	<u>1400</u>	75	<u>142</u>	45	<u>1287</u>
P17		48	<u>1402</u>	80	<u>143</u>	48	<u>1292</u>
P18		51	<u>1404</u>	85	<u>144</u>	51	<u>1297</u>
P19		54	<u>1406</u>	<u>90</u>		54	<u>1302</u>
P20		57	<u>1407</u>			57	<u>1309</u>
		<u>60</u>	<u>1408</u>			60	<u>1312</u>

Orud

WESTERN TESTING CO., INC.

Pressure Data

Date _____

Test Ticket No. 15757

Recorder No. _____ Capacity _____ Location _____ Ft.

Clock No. _____ Elevation _____ Well Temperature _____ °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud _____	P.S.I.	Open Tool _____	M _____	
B First Initial Flow Pressure _____	P.S.I.	First Flow Pressure _____	Mins. _____	Mins. _____
C First Final Flow Pressure _____	P.S.I.	Initial Closed-in Pressure _____	Mins. _____	Mins. _____
D Initial Closed-in Pressure _____	P.S.I.	Second Flow Pressure _____	Mins. _____	Mins. _____
E Second Initial Flow Pressure _____	P.S.I.	Final Closed-in Pressure _____	Mins. _____	Mins. _____
F Second Final Flow Pressure _____	P.S.I.			
G Final Closed-in Pressure _____	P.S.I.			
H Final Hydrostatic Mud _____	P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure Breakdown: _____ Inc. of _____ mins. and a final inc. of _____ Min.		Initial Shut-In Breakdown: _____ Inc. of _____ mins. and a final inc. of _____ Min.		Second Flow Pressure Breakdown: _____ Inc. of _____ mins. and a final inc. of _____ Min.		Final Shut-In Breakdown: _____ Inc. of _____ mins. and a final inc. of _____ Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 _____	_____	63 _____	_____	_____	_____	63 _____	<u>1316</u>
P 2 _____	_____	66 _____	_____	_____	_____	66 _____	<u>1320</u>
P 3 _____	_____	69 _____	_____	_____	_____	69 _____	<u>1324</u>
P 4 _____	_____	72 _____	_____	_____	_____	72 _____	<u>1327</u>
P 5 _____	_____	75 _____	_____	_____	_____	75 _____	<u>1330</u>
P 6 _____	_____	78 _____	_____	_____	_____	78 _____	<u>1334</u>
P 7 _____	_____	81 _____	_____	_____	_____	81 _____	<u>1338</u>
P 8 _____	_____	84 _____	_____	_____	_____	84 _____	<u>1342</u>
P 9 _____	_____	87 _____	_____	_____	_____	87 _____	<u>1345</u>
P10 _____	_____	90 _____	_____	_____	_____	90 _____	<u>1348</u>
P11 _____	_____	93 _____	_____	_____	_____	93 _____	_____
P12 _____	_____	96 _____	_____	_____	_____	96 _____	_____
P13 _____	_____	99 _____	_____	_____	_____	99 _____	_____
P14 _____	_____	102 _____	_____	_____	_____	102 _____	_____
P15 _____	_____	105 _____	_____	_____	_____	105 _____	_____
P16 _____	_____	108 _____	_____	_____	_____	108 _____	_____
P17 _____	_____	111 _____	_____	_____	_____	111 _____	_____
P18 _____	_____	114 _____	_____	_____	_____	114 _____	_____
P19 _____	_____	117 _____	_____	_____	_____	117 _____	_____
P20 _____	_____	120 _____	_____	_____	_____	120 _____	_____

Company Pickrell Drilling Company Lease & Well No. #1 "A" Ahlf
Elevation 1643 Kelly Bushing Formation Mississippi Effective Pay -- Ft. Ticket No. 15757
Date 12/16 /82 Sec. 35 Twp. 30S Range 8W County Kingman State Kansas
Test Approved by Bill Klaver Western Representative Darrell Claphan

Formation Test No. 2 Interval Tested from 4373 ft. to 4389 ft. Total Depth 4389 ft.

Packer Depth 4368 ft. Size 6 3/4 in. Packer Depth 4373 ft. Size 6 3/4 in.

Packer Depth - ft. Size - in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4375 ft. Recorder Number 10980 Cap. 4200

Bottom Recorder Depth (Outside) 4379 ft. Recorder Number 6233 Cap. 4000

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

Drilling Contractor Pickrell Drilling Rig #10 Drill Collar Length 249 I. D. 2.2 in.

Mud Type cellex Viscosity 47 Weight Pipe Length - I. D. - in.

Weight 9.3 Water Loss 14.0 cc. Drill Pipe Length 4103 I. D. 3.8 in.

Chlorides 14,000 P.P.M. Test Tool Length 21 ft. Tool Size 4.5 in.

Jars: Make = Serial Number = Anchor Length 16 ft. Size 5.5 in.

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

Main Hole Size 7 7/8 in. Tool Joint Size 4.5 in.

Blow: Initial flow period strong blow. Gas to surface in ten minutes. See attached sheet for gas measurements.
Strong blow on final flow period.

Recovered 30 ft. of slightly oil spotted gas cut mud Chlorides 30,000 ppm

Recovered 120 ft. of very slightly oil spotted gas cut watery mud

Recovered 180 ft. of very slightly oil spotted gas cut muddy water

Recovered - ft. of -

Recovered - ft. of -

Remarks: Gas would burn. Read chart #6233

Time Set Packer(s) 2:35 A.M. Time Started Off Bottom 7:05 A.M. Maximum Temperature 118°

Initial Hydrostatic Pressure (A) 2161 P.S.I.

Initial Flow Period Minutes 30 (B) 117 P.S.I. to (C) 117 P.S.I.

Initial Closed In Period Minutes 57 (D) 1407 P.S.I.

Final Flow Period Minutes 85 (E) 128 P.S.I. to (F) 144 P.S.I.

Final Closed In Period Minutes 90 (G) 1348 P.S.I.

Final Hydrostatic Pressure (H) 2114 P.S.I.

GAS FLOW REPORT

Date 12/16/82 Ticket 15757 Company Pickrell Drilling Company
 Well Name and No. #1 Ahlf "A" Dst No. 2 Interval Tested 4373'-4389'
 County Kingman State Kansas Sec. 35 Twp. 30S Rg. 8W

Time Gauge in Min.	P.S.I. on Merla Orifice Well Tester	Size of Orifice	P.S.I. on Pitot Tester	P.S.I. on Side Static Tester	Description of Flow
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Tool opened @ approximately 2:35 AM. Gas ^{PRE FLOW} to surface in ten minutes.

10 min.	-----	-----	-----	-----	-----
15 min.	3.0 PSIG	1/2" orifice			69,200 CFPD
20 min.	4.0 PSIG	1/2" orifice			68,800 CFPD
25 min.	10.0 PSIG	1/2" orifice			116,000 CFPD
30 min.	13.0 PSIG	1/2" orifice			134,000 CFPD

SECOND FLOW

10 min.	20.0 PSIG	1/2" orifice			171,000 CFPD
20 min.	22.0 PSIG	1/2" orifice			189,000 CFPD
30 min.	23.0 PSIG	1/2" orifice			193,000 CFPD
40 min.	23.0 PSIG	1/2" orifice			193,000 CFPD
50 min.	23.0 PSIG	1/2" orifice			193,000 CFPD
60 min.	24.0 PSIG	1/2" orifice			200,000 CFPD
70 min.	24.0 PSIG	1/2" orifice			200,000 CFPD
80 min.	24.0 PSIG	1/2" orifice			200,000 CFPD
90 min.	24.0 PSIG	1/2" orifice			200,000 CFPD

GAS BOTTLE

Serial No. - Date Bottle Filled --- Date to be Invoiced 12/16/82

Requisition and Provisions for high pressure stainless steel gas bottles. Western Testing Co., Inc. shall not be liable for damage of any kind to property or personnel of the one whom gas bottle is filled or for any loss suffered or sustained directly or indirectly through the use of these bottles. By signing of this ticket showing receipt of a gas testing bottle, the undersigned agrees for himself and as agent for operator, to return this bottle to Western Testing Co., Inc. within thirty (30) days free of charge, or be invoiced in the amount of \$75.00 (total charge). Should valve or seal plug be missing or damaged beyond repair, operator shall be invoiced for repairs at our invoiced price.

All charges subject to 1 1/2% per month, equal to 18% interest per annum after 30 days from date of invoice. Any expense incurred for collection will be added to the original amount.

COMPANY'S NAME Pickrell Drilling Company

Authorized by Bill Klaver

WESTERN TESTING CO., INC.

Pressure Data

Date 12/16/82 Test Ticket No. 15757
 Recorder No. 6233 Capacity 4000 Location 4379 Ft.
 Clock No. --- Elevation 1643 Kelly Bushing Well Temperature 118 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2161	P.S.I.	2:35A	M
B First Initial Flow Pressure	117	P.S.I.	30	Mins. 30
C First Final Flow Pressure	117	P.S.I.	60	Mins. 57
D Initial Closed-in Pressure	1407	P.S.I.	90	Mins. 85
E Second Initial Flow Pressure	128	P.S.I.	90	Mins. 90
F Second Final Flow Pressure	144	P.S.I.		
G Final Closed-in Pressure	1348	P.S.I.		
H Final Hydrostatic Mud	2114	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>19</u> Inc.		Breakdown: <u>17</u> Inc.		Breakdown: <u>30</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 <u>0</u>	117	<u>0</u>	117	<u>0</u>	128	<u>0</u>	144
P 2 <u>5</u>	117	<u>3</u>	1125	<u>5</u>	128	<u>3</u>	924
P 3 <u>10</u>	117	<u>6</u>	1256	<u>10</u>	128	<u>6</u>	1072
P 4 <u>15</u>	117	<u>9</u>	1302	<u>15</u>	128	<u>9</u>	1121
P 5 <u>20</u>	117	<u>12</u>	1326	<u>20</u>	128	<u>12</u>	1155
P 6 <u>25</u>	117	<u>15</u>	1342	<u>25</u>	129	<u>15</u>	1181
P 7 <u>30</u>	117	<u>18</u>	1354	<u>30</u>	130	<u>18</u>	1198
P 8		<u>21</u>	1365	<u>35</u>	132	<u>21</u>	1220
P 9		<u>24</u>	1372	<u>40</u>	133	<u>24</u>	1228
P10		<u>27</u>	1378	<u>45</u>	134	<u>27</u>	1237
P11		<u>30</u>	1381	<u>50</u>	135	<u>30</u>	1248
P12		<u>33</u>	1387	<u>55</u>	136	<u>33</u>	1257
P13		<u>36</u>	1392	<u>60</u>	138	<u>36</u>	1264
P14		<u>39</u>	1396	<u>65</u>	140	<u>39</u>	1272
P15		<u>42</u>	1398	<u>70</u>	141	<u>42</u>	1281
P16		<u>45</u>	1400	<u>75</u>	142	<u>45</u>	1287
P17		<u>48</u>	1402	<u>80</u>	143	<u>48</u>	1292
P18		<u>51</u>	1404	<u>85</u>	144	<u>51</u>	1297
P19		<u>54</u>	1406			<u>54</u>	1302
P20		<u>57</u>	1407			<u>57</u>	1309
						<u>60</u>	1312

WESTERN TESTING CO., INC.

Pressure Data

Date 12/16/82 Test Ticket No. 15757

Recorder No. 6233 Capacity 4000 Location 4379 Ft.

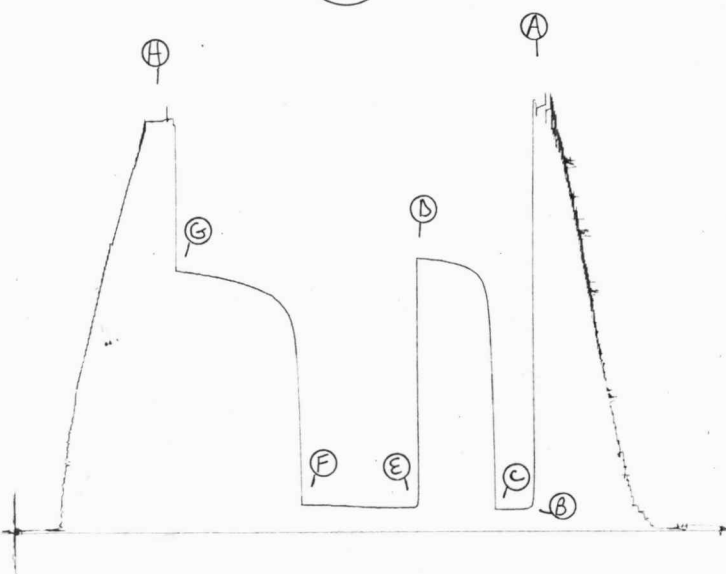
Clock No. --- Elevation 1643 Kelly Bushing Well Temperature 118 °F

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2161</u> P.S.I.	<u>2:35A</u>	<u>M</u>
B First Initial Flow Pressure	<u>117</u> P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>117</u> P.S.I.	<u>60</u> Mins.	<u>57</u> Mins.
D Initial Closed-in Pressure	<u>1407</u> P.S.I.	<u>90</u> Mins.	<u>85</u> Mins.
E Second Initial Flow Pressure	<u>128</u> P.S.I.	<u>90</u> Mins.	<u>90</u> Mins.
F Second Final Flow Pressure	<u>144</u> P.S.I.		
G Final Closed-in Pressure	<u>1348</u> P.S.I.		
H Final Hydrostatic Mud	<u>2114</u> P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>19</u> Inc.		Breakdown: <u>17</u> Inc.		Breakdown: <u>30</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						63	1316
P 2						66	1320
P 3						69	1324
P 4						72	1327
P 5						75	1330
P 6						78	1334
P 7						81	1338
P 8						84	1342
P 9						87	1345
P10						90	1348
P11							
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

TKT # 15757



6233



WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET

No 15758

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

Elevation 1643 K.B Formation MISS Eff. Pay — Ft.

District DODGE CITY Date 12/16/82 Customer Order No. —

COMPANY NAME PICKRELL DRILL CO. LITTON BLVD. DINT-205

ADDRESS 110 N. MARKET ST. WICHITA KS 67202

LEASE AND WELL NO. #1 AHIF-A COUNTY Kingman STATE Ks Sec. 35 Twp. 30S Rge. 8W

Mail Invoice To #1 "A" AHLF SAME No. Copies Requested 5

Co. Name Address No. Copies Requested 5

Mail Charts To SAME Address No. Copies Requested 5

Formation Test No. 3 Interval Tested From 4389 ft. to 4404 ft. Total Depth 4404 ft.

Packer Depth 4384 ft. Size 6 3/4 in. Packer Depth 4389 ft. Size 6 5/8 in.

Packer Depth — ft. Size — in. Packer Depth — ft. Size — in.

Depth of Selective Zone Set —

Top Recorder Depth (Inside) 4391 ft. Recorder Number 10266 Cap. 4775

Bottom Recorder Depth (Outside) 4395 ft. Recorder Number 6233 Cap. 4000

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

Drilling Contractor Co tools #10 Drill Collar Length 249' I. D. 2.2 in.

Mud Type CEDEX Viscosity 47 Weight Pipe Length — I. D. — in.

Weight 9.3 Water Loss 14.0 cc. Drill Pipe Length 4119' I. D. 3.8 in.

Chlorides 14,000 P.P.M. Test Tool Length 21' ft. Tool Size 4.5 in.

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

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

Main Hole Size 7 1/8 in. Tool Joint Size 4.5 in.

Blow: 1ST - STRONG BLOW THROUGHOUT

2ND - STRONG BLOW G.T.S IN 22 min. (see attached chart for pressure)

Recovered 90' ft. of 0+CCMW 26% oil 29% GAS 25% Water 47% mud

Recovered 120' ft. of 0+CCMW 20% oil 26% GAS 44% Water 10% mud

Recovered 60' ft. of SLO+CCMW 29% oil 6% GAS 57% Water 35% m

Recovered 60' ft. of Water slightly oil speckled

Recovered 330' ft. of TOTAL FLUID CHLORIDES 67,000

Remarks: 3 SAMPLE JARS

READ #6233

Time On Location 5:00 A.M. Time Pick Up Tool 6:30 A.M. Time Off Location — A.M.

Time Set Packer(s) 8:15 A.M. Time Started Off Bottom 12:45 A.M. Maximum Temperature 118°

Initial Hydrostatic Pressure 2157 P.S.I.

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

Initial Closed In Period 60 Minutes (D) 1234 P.S.I.

Final Flow Period 90 Minutes (E) 101 P.S.I. to (F) 121 P.S.I.

Final Closed In Period 90 Minutes (G) 1333 P.S.I.

Final Hydrostatic Pressure 2137 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 Bill Claver Signature of Customer or his authorized representative

Western Representative Danell Clapham

FIELD INVOICE

Open Hole Test \$ 675⁰⁰
Misrun \$ —
Straddle Test \$ —
Jars \$ —
Selective Zone \$ —
Safety Joint \$ —
Standby \$ —
Evaluation \$ —
Extra Packer \$ —
Circ. Sub. \$ —
Mileage N/C \$ —
Fluid Sampler \$ —
Extra Charts \$ —
Insurance \$ —
Telecopier \$ —
TOTAL \$ 675⁰⁰



GAS FLOW REPORT

N^o 3159

Date 12/16/82 Ticket 15758 Company PICKRELL DRILL CO.
 Well Name and No. #1 AHIP - #A Dst No. 3 Interval Tested 4389-4404
 County KINGMAN State KS Sec. 3S Twp. 30S Rg. 8W

Time Gauge in Min.	P.S.I. on Merla Orifice Well Tester	Size of Orifice	P.S.I. on Pitot Tester	P.S.I. on Side Static Tester	Description of Flow
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PRE FLOW

SECOND FLOW

TOOL OPEN AT 9:45 P.M. 6" T. S IN APPRX: 22 min. 2nd OPENING

30 min	15# 1/20	1/4"	—	—	6,550	C.F.P.D
40 min	24# "	1/4"	—	—	8,220	" "
50 min	5# "	1/2"	—	—	14,100	" "
60 min	7# "	1/2"	—	—	16,700	" "
70 min	8# "	1/2"	—	—	17,200	" "
80 min	8# "	1/2"	—	—	17,200	" "
90 min	8# "	1/2"	—	—	17,200	" "

GAS BOTTLE

Serial No. _____ Date Bottle Filled _____ Date to be Invoiced _____

Requisition and Provisions for high pressure stainless steel gas bottles. Western Testing Co., Inc. shall not be liable for damage of any kind to property or personnel of the one whom gas bottle is filled or for any loss suffered or sustained directly or indirectly through the use of these bottles. By signing of this ticket showing receipt of a gas testing bottle, the undersigned agrees for himself and as agent for operator, to return this bottle to Western Testing Co., Inc. within thirty (30) days free of charge, or be invoiced in the amount of \$75.00 (total charge). Should valve or seal plug be missing or damaged beyond repair, operator shall be invoiced for repairs at our invoiced price.

All charges subject to 1 1/2% per month, equal to 18% interest per annum after 30 days from date of invoice. Any expense incurred for collection will be added to the original amount.

COMPANY'S NAME _____

Authorized by _____

WESTERN TESTING CO., INC.

Pressure Data

Date 12-16-82 Test Ticket No. 15758
 Recorder No. 6233 Capacity 4000 Location 4325 Ft.
 Clock No. --- Elevation 1643 KB Well Temperature 118 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2237</u> P.S.I.	Open Tool	<u>8:15 P</u> M	
B First Initial Flow Pressure	<u>96</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>96</u> P.S.I.	Initial Closed-in Pressure	<u>60</u> Mins.	<u>60</u> Mins.
D Initial Closed-in Pressure	<u>1283</u> P.S.I.	Second Flow Pressure	<u>90</u> Mins.	<u>85</u> Mins.
E Second Initial Flow Pressure	<u>113</u> P.S.I.	Final Closed-in Pressure	<u>90</u> Mins.	<u>87</u> Mins.
F Second Final Flow Pressure	<u>125</u> P.S.I.			
G Final Closed-in Pressure	<u>1346</u> P.S.I.			
H Final Hydrostatic Mud	<u>2193</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure
 Breakdown: 6 Inc.
 of 5 mins. and a
 final inc. of 0 Min.

Initial Shut-In
 Breakdown: 20 Inc.
 of 3 mins. and a
 final inc. of 0 Min.

Second Flow Pressure
 Breakdown: 17 Inc.
 of 5 mins. and a
 final inc. of 0 Min.

Final Shut-In
 Breakdown: 29 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>96</u>	0	<u>96</u>	0	<u>113</u>	0	<u>125</u>
P 2 5		3	<u>364</u>	5		3	<u>711</u>
P 3 10		6	<u>520</u>	10		6	<u>881</u>
P 4 15		9	<u>643</u>	15		9	<u>996</u>
P 5 20		12	<u>751</u>	20		12	<u>1065</u>
P 6 25		15	<u>843</u>	25		15	<u>1109</u>
P 7 30	<u>96</u>	18	<u>912</u>	30	<u>113</u>	18	<u>1145</u>
P 8 35		21	<u>974</u>	35	<u>114</u>	21	<u>1173</u>
P 9 40		24	<u>1028</u>	40	<u>5</u>	24	<u>1192</u>
P10 45		27	<u>1069</u>	45	<u>114</u>	27	<u>1210</u>
P11 50		30	<u>1108</u>	50	<u>114</u>	30	<u>1223</u>
P12 55		33	<u>1133</u>	55	<u>115</u>	33	<u>1237</u>
P13 60		36	<u>1159</u>	60	<u>116</u>	36	<u>1249</u>
P14		39	<u>1184</u>	65	<u>118</u>	39	<u>1261</u>
P15		42	<u>1202</u>	70	<u>120</u>	42	<u>1270</u>
P16		45	<u>1220</u>	75	<u>122</u>	45	<u>1280</u>
P17		48	<u>1236</u>	80	<u>124</u>	48	<u>1289</u>
P18		51	<u>1251</u>	85	<u>125</u>	51	<u>1295</u>
P19		54	<u>1263</u>	<u>90</u>		54	<u>1302</u>
P20		57	<u>1274</u>			57	<u>1309</u>
		60	<u>1283</u>			60	<u>1314</u>

WESTERN TESTING CO., INC.

Pressure Data

Date _____

Test Ticket No. 15758

Recorder No. _____ Capacity _____ Location _____ Ft.

Clock No. _____ Elevation _____ Well Temperature _____ °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud _____	P.S.I.	Open Tool _____	M _____	
B First Initial Flow Pressure _____	P.S.I.	First Flow Pressure _____	Mins. _____	Mins. _____
C First Final Flow Pressure _____	P.S.I.	Initial Closed-in Pressure _____	Mins. _____	Mins. _____
D Initial Closed-in Pressure _____	P.S.I.	Second Flow Pressure _____	Mins. _____	Mins. _____
E Second Initial Flow Pressure _____	P.S.I.	Final Closed-in Pressure _____	Mins. _____	Mins. _____
F Second Final Flow Pressure _____	P.S.I.			
G Final Closed-in Pressure _____	P.S.I.			
H Final Hydrostatic Mud _____	P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: _____ Inc.		Breakdown: _____ Inc.		Breakdown: _____ Inc.		Breakdown: _____ 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 _____	_____	63 _____	_____	_____	_____	63 _____	1319
P 2 _____	_____	66 _____	_____	_____	_____	66 _____	1324
P 3 _____	_____	69 _____	_____	_____	_____	69 _____	1328
P 4 _____	_____	72 _____	_____	_____	_____	72 _____	1332
P 5 _____	_____	75 _____	_____	_____	_____	75 _____	1336
P 6 _____	_____	78 _____	_____	_____	_____	78 _____	1340
P 7 _____	_____	81 _____	_____	_____	_____	81 _____	1342
P 8 _____	_____	84 _____	_____	_____	_____	84 _____	1344
P 9 _____	_____	87 _____	_____	_____	_____	87 _____	1346
P10 _____	_____	90 _____	_____	_____	_____	90 _____	_____
P11 _____	_____	93 _____	_____	_____	_____	93 _____	_____
P12 _____	_____	96 _____	_____	_____	_____	96 _____	_____
P13 _____	_____	99 _____	_____	_____	_____	99 _____	_____
P14 _____	_____	102 _____	_____	_____	_____	102 _____	_____
P15 _____	_____	105 _____	_____	_____	_____	105 _____	_____
P16 _____	_____	108 _____	_____	_____	_____	108 _____	_____
P17 _____	_____	111 _____	_____	_____	_____	111 _____	_____
P18 _____	_____	114 _____	_____	_____	_____	114 _____	_____
P19 _____	_____	117 _____	_____	_____	_____	117 _____	_____
P20 _____	_____	120 _____	_____	_____	_____	120 _____	_____

Blow:	Initial flow period strong blow throughout. Strong blow on final flow period. Gas to surface in twenty-two minutes. See attached sheet for gas measurements.		
Recovered	90	ft. of	oil and gas cut watery mud 26% oil;2% gas;25% water;47% mud
Recovered	120	ft. of	oil and gas cut muddy water 20% oil;26% gas;44% water;10% mud
Recovered	60	ft. of	slightly oil and gas cut muddy water 2% oil;6% gas;57% water;35% mud
Recovered	60	ft. of	water slightly oil specked
Recovered		ft. of	Chlorides 67,000 ppm
Remarks:			

Time Set	Packer(s)	8:15	= A.M. P.M.	Time Started Off Bottom	12:45	A.M. P.M.	Maximum Temperature	118°
Initial Hydrostatic Pressure				(A)	2237	P.S.I.		
Initial Flow Period	Minutes	30		(B)	96	P.S.I. to (C)	96	P.S.I.
Initial Closed In Period	Minutes	60		(D)	1283	P.S.I.		
Final Flow Period	Minutes	85		(E)	113	P.S.I. to (F)	125	P.S.I.
Final Closed In Period	Minutes	87		(G)	1346	P.S.I.		
Final Hydrostatic Pressure				(H)	2193	P.S.I.		

GAS FLOW REPORT

Date 12/16/82 Ticket 15758 Company Pickrell Drilling Company
 Well Name and No. #1 Ahlf "A" Dst No. 3 Interval Tested 4389'-4404'
 County Kingman State Kansas Sec. 35 Twp. 30S Rg. 8W

Time Gauge in Min.	P.S.I. on Merla Orifice Well Tester	Size of Orifice	P.S.I. on Pitot Tester	P.S.I. on Side Static Tester	Description of Flow
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PRE FLOW

Tool open @ 9:45PM Gas to surface in **SECOND FLOW** approximately 22 minutes on final flow.

30 min	15" of water	1/4" orifice		6,550 CFPD
40 min	24" of water	1/4" orifice		8,200 CFPD
50 min	5" of water	1/2" orifice		14,100 CFPD
60 min	7" of water	1/2" orifice		16,700 CFPD
70 min	8" of water	1/2" orifice		17,200 CFPD
80 min	8" of water	1/2" orifice		17,200 CFPD
90 min	8" of water	1/2" orifice		17,200 CFPD

GAS BOTTLE

Serial No. ---- Date Bottle Filled --- Date to be Invoiced 12/16/82

Requisition and Provisions for high pressure stainless steel gas bottles. Western Testing Co., Inc. shall not be liable for damage of any kind to property or personnel of the one whom gas bottle is filled or for any loss suffered or sustained directly or indirectly through the use of these bottles. By signing of this ticket showing receipt of a gas testing bottle, the undersigned agrees for himself and as agent for operator, to return this bottle to Western Testing Co., Inc. within thirty (30) days free of charge, or be invoiced in the amount of \$75.00 (total charge). Should valve or seal plug be missing or damaged beyond repair, operator shall be invoiced for repairs at our invoiced price.

All charges subject to 1 1/2% per month, equal to 18% interest per annum after 30 days from date of invoice. Any expense incurred for collection will be added to the original amount.

COMPANY'S NAME Pickrell Drilling Company
 Authorized by Bill Klaver

WESTERN TESTING CO., INC.

Pressure Data

Date 12/16/82 Test Ticket No. 15758
 Recorder No. 6233 Capacity 4000 Location 4395 Ft.
 Clock No. -- Elevation 1643 Kelly Bushing Well Temperature 118 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2237</u> P.S.I.	Open Tool	<u>8:15P</u> M	
B First Initial Flow Pressure	<u>96</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>96</u> P.S.I.	Initial Closed-in Pressure	<u>60</u> Mins.	<u>60</u> Mins.
D Initial Closed-in Pressure	<u>1283</u> P.S.I.	Second Flow Pressure	<u>90</u> Mins.	<u>85</u> Mins.
E Second Initial Flow Pressure	<u>113</u> P.S.I.	Final Closed-in Pressure	<u>90</u> Mins.	<u>87</u> Mins.
F Second Final Flow Pressure	<u>125</u> P.S.I.			
G Final Closed-in Pressure	<u>1346</u> P.S.I.			
H Final Hydrostatic Mud	<u>2193</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>20</u> Inc.		Breakdown: <u>17</u> Inc.		Breakdown: <u>29</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 <u>0</u>	<u>96</u>	<u>0</u>	<u>96</u>	<u>0</u>	<u>113</u>	<u>0</u>	<u>125</u>
P 2 <u>5</u>	<u>96</u>	<u>3</u>	<u>364</u>	<u>5</u>	<u>113</u>	<u>3</u>	<u>711</u>
P 3 <u>10</u>	<u>96</u>	<u>6</u>	<u>520</u>	<u>10</u>	<u>113</u>	<u>6</u>	<u>881</u>
P 4 <u>15</u>	<u>96</u>	<u>9</u>	<u>643</u>	<u>15</u>	<u>113</u>	<u>9</u>	<u>996</u>
P 5 <u>20</u>	<u>96</u>	<u>12</u>	<u>751</u>	<u>20</u>	<u>113</u>	<u>12</u>	<u>1065</u>
P 6 <u>25</u>	<u>96</u>	<u>15</u>	<u>843</u>	<u>25</u>	<u>113</u>	<u>15</u>	<u>1109</u>
P 7 <u>30</u>	<u>96</u>	<u>18</u>	<u>912</u>	<u>30</u>	<u>113</u>	<u>18</u>	<u>1145</u>
P 8		<u>21</u>	<u>974</u>	<u>35</u>	<u>114</u>	<u>21</u>	<u>1173</u>
P 9		<u>24</u>	<u>1028</u>	<u>40</u>	<u>114</u>	<u>24</u>	<u>1192</u>
P 10		<u>27</u>	<u>1069</u>	<u>45</u>	<u>114</u>	<u>27</u>	<u>1210</u>
P 11		<u>30</u>	<u>1108</u>	<u>50</u>	<u>114</u>	<u>30</u>	<u>1223</u>
P 12		<u>33</u>	<u>1133</u>	<u>55</u>	<u>115</u>	<u>33</u>	<u>1237</u>
P 13		<u>36</u>	<u>1159</u>	<u>60</u>	<u>116</u>	<u>36</u>	<u>1249</u>
P 14		<u>39</u>	<u>1184</u>	<u>65</u>	<u>118</u>	<u>39</u>	<u>1261</u>
P 15		<u>42</u>	<u>1202</u>	<u>70</u>	<u>120</u>	<u>42</u>	<u>1270</u>
P 16		<u>45</u>	<u>1220</u>	<u>75</u>	<u>122</u>	<u>45</u>	<u>1280</u>
P 17		<u>48</u>	<u>1236</u>	<u>80</u>	<u>124</u>	<u>48</u>	<u>1289</u>
P 18		<u>51</u>	<u>1251</u>	<u>85</u>	<u>125</u>	<u>51</u>	<u>1295</u>
P 19		<u>54</u>	<u>1263</u>			<u>54</u>	<u>1302</u>
P 20		<u>57</u>	<u>1274</u>			<u>57</u>	<u>1309</u>
		<u>60</u>	<u>1283</u>			<u>60</u>	<u>1314</u>

WESTERN TESTING CO., INC.

Pressure Data

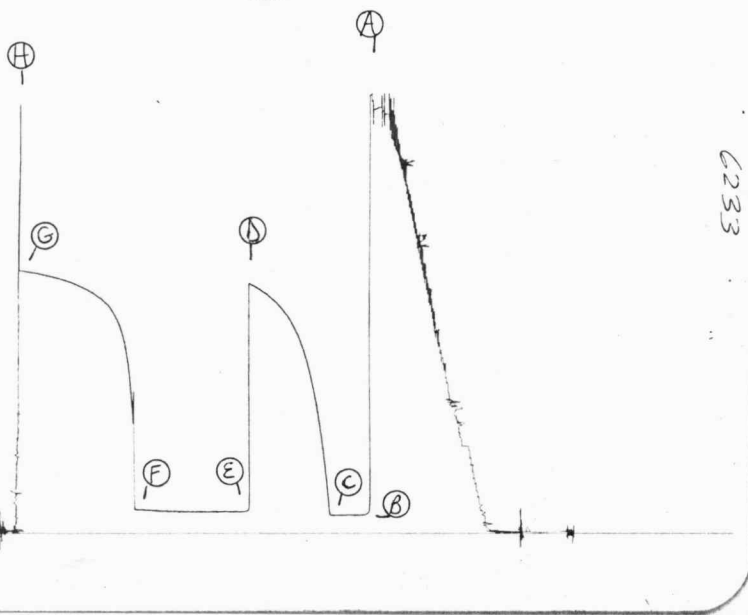
Date 12/16/82 Test Ticket No. 15758
 Recorder No. 6233 Capacity 4000 Location 4395 Ft.
 Clock No. -- Elevation 1643 Kelly Bushing Well Temperature 118 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2237</u> P.S.I.	Open Tool	<u>8:15P</u>	<u>M</u>
B First Initial Flow Pressure	<u>96</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>96</u> P.S.I.	Initial Closed-in Pressure	<u>60</u> Mins.	<u>60</u> Mins.
D Initial Closed-in Pressure	<u>1283</u> P.S.I.	Second Flow Pressure	<u>90</u> Mins.	<u>85</u> Mins.
E Second Initial Flow Pressure	<u>113</u> P.S.I.	Final Closed-in Pressure	<u>90</u> Mins.	<u>87</u> Mins.
F Second Final Flow Pressure	<u>125</u> P.S.I.			
G Final Closed-in Pressure	<u>1346</u> P.S.I.			
H Final Hydrostatic Mud	<u>2193</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>20</u> Inc.		Breakdown: <u>17</u> Inc.		Breakdown: <u>29</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						63	1319
P 2						66	1324
P 3						69	1328
P 4						72	1332
P 5						75	1336
P 6						78	1340
P 7						81	1342
P 8						84	1344
P 9						87	1346
P10							
P11							
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

TKT # 15758



6233



WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET

NO 15759

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

Elevation 1643 K.B Formation MISS Eff. Pay — Ft.

District DODGE CITY Date 12/17/82 Customer Order No. —
COMPANY NAME PICKRELL DRILL CO. LITWIN BLDG. SUITE 205
ADDRESS 110 N. MARKET ST. WICHITA, KS 67202
LEASE AND WELL NO. #1 AHLF-A COUNTY KENNESAW STATE KS Sec. 35 Twp. 30S Rge. 8W
Mail Invoice To #1 "A" AHLF Co. Name SAME Address — No. Copies Requested 5
Mail Charts To SAME Address — No. Copies Requested 5

Formation Test No. 4 Interval Tested From 4425 ft. to 4434 ft. Total Depth 4434 ft.
Packer Depth 4420 ft. Size 6 3/4 in. Packer Depth 4425 ft. Size 6 3/8 in.
Packer Depth — ft. Size — in. Packer Depth — ft. Size — in.
Depth of Selective Zone Set —

Top Recorder Depth (Inside) 4427 ft. Recorder Number 10266 Cap. 4775
Bottom Recorder Depth (Outside) 4431 ft. Recorder Number 6233 Cap. 4000
Below Straddle Recorder Depth — ft. Recorder Number — Cap. —
Drilling Contractor CO TOOLS #10 Drill Collar Length 249' I. D. 2.2 in.
Mud Type Cellex Viscosity 40 Weight Pipe Length — I. D. — in.
Weight 9.0 Water Loss 16.0 cc. Drill Pipe Length 4155' I. D. 3.8 in.
Chlorides 12.000 P.P.M. Test Tool Length 21' ft. Tool Size 4.5 in.
Jars: Make — Serial Number — Anchor Length 9' ft. Size 5.5 in.
Did Well Flow? YES G.T.S Reversed Out NO Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.
Main Hole Size 7 1/8 in. Tool Joint Size 4.5 in.

Blow: 1ST - WEAR BUILDING TO FAIR BLOW 1/2" TO 6"
2ND - GOOD BLOW G.T.S TO small to gauge
Recovered 80' ft. of CCM small oil show on top
Recovered — ft. of —
Recovered — ft. of —
Recovered — ft. of —
Recovered — ft. of —
Remarks: —

Time On Location — A.M. Time Pick Up Tool 1:15 A.M. Time Off Location — A.M.
Time Set Packer(s) 3:00 P.M. Time Started Off Bottom 7:30 A.M. Maximum Temperature 115°
Initial Hydrostatic Pressure (A) 2177 P.S.I.
Initial Flow Period (B) 30 Minutes (C) 60 P.S.I. to (D) 60 P.S.I.
Initial Closed In Period (E) 60 Minutes (F) 1144 P.S.I.
Final Flow Period (G) 90 Minutes (H) 71 P.S.I. to (I) 71 P.S.I.
Final Closed In Period (J) 90 Minutes (K) 1382 P.S.I.
Final Hydrostatic Pressure (L) 2157 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 Bill Kewer
Signature of Customer or his authorized representative

Western Representative Danell Clapham

FIELD INVOICE

Open Hole Test \$ 675⁰⁰
Misrun \$ —
Straddle Test \$ —
Jars \$ —
Selective Zone \$ —
Safety Joint \$ —
Standby \$ —
Evaluation \$ —
Extra Packer \$ —
Circ. Sub. \$ —
Mileage \$ —
Fluid Sampler \$ —
Extra Charts \$ —
Insurance \$ —
Telecopier \$ —
TOTAL \$ 675⁰⁰

WESTERN TESTING CO., INC.

Pressure Data

Date: 12-17-82 Test Ticket No. 15759
 Recorder No. 6233 Capacity 4000 Location 4451 Ft.
 Clock No. --- Elevation 1643 KB Well Temperature 115 °F

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2183</u> P.S.I.	<u>3:00</u> M	
B First Initial Flow Pressure	<u>67</u> P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>67</u> P.S.I.	<u>60</u> Mins.	<u>57</u> Mins.
D Initial Closed-in Pressure	<u>1155</u> P.S.I.	<u>90</u> Mins.	<u>85</u> Mins.
E Second Initial Flow Pressure	<u>71</u> P.S.I.	<u>90</u> Mins.	<u>87</u> Mins.
F Second Final Flow Pressure	<u>71</u> P.S.I.		
G Final Closed-in Pressure	<u>1395</u> P.S.I.		
H Final Hydrostatic Mud	<u>2165</u> P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>19</u> Inc.		Breakdown: <u>17</u> Inc.		Breakdown: <u>29</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 <u>0</u>	<u>67</u>	<u>0</u>	<u>67</u>	<u>0</u>	<u>71</u>	<u>0</u>	<u>71</u>
P 2 <u>5</u>		<u>3</u>	<u>73</u>	<u>5</u>		<u>3</u>	<u>207</u>
P 3 <u>10</u>		<u>6</u>	<u>98</u>	<u>10</u>		<u>6</u>	<u>323</u>
P 4 <u>15</u>		<u>9</u>	<u>147</u>	<u>15</u>		<u>9</u>	<u>438</u>
P 5 <u>20</u>		<u>12</u>	<u>203</u>	<u>20</u>		<u>12</u>	<u>538</u>
P 6 <u>25</u>		<u>15</u>	<u>268</u>	<u>25</u>		<u>15</u>	<u>629</u>
P 7 <u>30</u>	<u>67</u>	<u>18</u>	<u>337</u>	<u>30</u>		<u>18</u>	<u>725</u>
P 8 <u>35</u>		<u>21</u>	<u>411</u>	<u>35</u>		<u>21</u>	<u>807</u>
P 9 <u>40</u>		<u>24</u>	<u>476</u>	<u>40</u>		<u>24</u>	<u>863</u>
P10 <u>45</u>		<u>27</u>	<u>542</u>	<u>45</u>		<u>27</u>	<u>930</u>
P11 <u>50</u>		<u>30</u>	<u>624</u>	<u>50</u>		<u>30</u>	<u>994</u>
P12 <u>55</u>		<u>33</u>	<u>697</u>	<u>55</u>		<u>33</u>	<u>1044</u>
P13 <u>60</u>		<u>36</u>	<u>765</u>	<u>60</u>		<u>36</u>	<u>1095</u>
P14		<u>39</u>	<u>835</u>	<u>65</u>		<u>39</u>	<u>1137</u>
P15		<u>42</u>	<u>910</u>	<u>70</u>		<u>42</u>	<u>1174</u>
P16		<u>45</u>	<u>972</u>	<u>75</u>		<u>45</u>	<u>1209</u>
P17		<u>48</u>	<u>1038</u>	<u>80</u>		<u>48</u>	<u>1239</u>
P18		<u>51</u>	<u>1087</u>	<u>85</u>	<u>71</u>	<u>51</u>	<u>1258</u>
P19		<u>54</u>	<u>1125</u>	<u>90</u>		<u>54</u>	<u>1280</u>
P20		<u>57</u>	<u>1155</u>			<u>57</u>	<u>1299</u>
		<u>60</u>				<u>60</u>	<u>1317</u>

WESTERN TESTING CO., INC.

Pressure Data

Date _____

Test Ticket No. 15759

Recorder No. _____ Capacity _____ Location _____ Ft.

Clock No. _____ Elevation _____ Well Temperature _____ °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud _____	P.S.I.	Open Tool _____	M _____	
B First Initial Flow Pressure _____	P.S.I.	First Flow Pressure _____	Mins. _____	Mins. _____
C First Final Flow Pressure _____	P.S.I.	Initial Closed-in Pressure _____	Mins. _____	Mins. _____
D Initial Closed-in Pressure _____	P.S.I.	Second Flow Pressure _____	Mins. _____	Mins. _____
E Second Initial Flow Pressure _____	P.S.I.	Final Closed-in Pressure _____	Mins. _____	Mins. _____
F Second Final Flow Pressure _____	P.S.I.			
G Final Closed-in Pressure _____	P.S.I.			
H Final Hydrostatic Mud _____	P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: _____ Inc.		Breakdown: _____ Inc.		Breakdown: _____ Inc.		Breakdown: _____ 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 _____	_____	63 _____	_____	_____	_____	63 _____	1331
P 2 _____	_____	66 _____	_____	_____	_____	66 _____	1341
P 3 _____	_____	69 _____	_____	_____	_____	69 _____	1351
P 4 _____	_____	72 _____	_____	_____	_____	72 _____	1361
P 5 _____	_____	75 _____	_____	_____	_____	75 _____	1371
P 6 _____	_____	78 _____	_____	_____	_____	78 _____	1378
P 7 _____	_____	81 _____	_____	_____	_____	81 _____	1386
P 8 _____	_____	84 _____	_____	_____	_____	84 _____	1390
P 9 _____	_____	87 _____	_____	_____	_____	87 _____	1395
P10 _____	_____	90 _____	_____	_____	_____	90 _____	_____
P11 _____	_____	93 _____	_____	_____	_____	93 _____	_____
P12 _____	_____	96 _____	_____	_____	_____	96 _____	_____
P13 _____	_____	99 _____	_____	_____	_____	99 _____	_____
P14 _____	_____	102 _____	_____	_____	_____	102 _____	_____
P15 _____	_____	105 _____	_____	_____	_____	105 _____	_____
P16 _____	_____	108 _____	_____	_____	_____	108 _____	_____
P17 _____	_____	111 _____	_____	_____	_____	111 _____	_____
P18 _____	_____	114 _____	_____	_____	_____	114 _____	_____
P19 _____	_____	117 _____	_____	_____	_____	117 _____	_____
P20 _____	_____	120 _____	_____	_____	_____	120 _____	_____

Company Pickrell Drilling Company Lease & Well No. #1 "A" Ahlf
Elevation 1643 Kelly Bushing Formation Mississippi Effective Pay --- Ft. Ticket No. 15759
Date 12/17/82 Sec. 35 Twp. 30S Range 8W County Kingman State Kansas
Test Approved by Bill Klaver Western Representative Darrell Claphan

Formation Test No. 4 Interval Tested from 4425 ft. to 4434 ft. Total Depth 4434 ft.

Packer Depth 4420 ft. Size 6 3/4 in. Packer Depth 4425 ft. Size 6 3/4 in.

Packer Depth - ft. Size - in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4427 ft. Recorder Number 10266 Cap 4775

Bottom Recorder Depth (Outside) 4431 ft. Recorder Number 6233 Cap 4000

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

Drilling Contractor Pickrell Drilling Rig #10 Drill Collar Length 249 I. D. 2.2 in.

Mud Type cellex Viscosity 40 Weight Pipe Length - I. D. - in.

Weight 9.0 Water Loss 16.0 cc. Drill Pipe Length 4155 I. D. 3.8 in.

Chlorides 12,000 P.P.M. Test Tool Length 21 ft. Tool Size 4.5 in.

Jars: Make - Serial Number - Anchor Length 9 ft. Size 5.5 in.

Did Well Flow? Yes G.I.S. Reversed Out No Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4.5 in.

Blow: Initial flow period weak building to fair blow - one half to six inches.

Good blow on final flow period. Gas to surface - too small to gauge

Recovered 80 ft. of gas cut mud small oil show on top

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 3:00 A.M. Time Started Off Bottom 7:30 A.M. Maximum Temperature 115°

Initial Hydrostatic Pressure 2183 (A) P.S.I.

Initial Flow Period 30 Minutes (B) 67 P.S.I. to (C) 67 P.S.I.

Initial Closed In Period 57 Minutes (D) 1155 P.S.I.

Final Flow Period 85 Minutes (E) 71 P.S.I. to (F) 71 P.S.I.

Final Closed In Period 87 Minutes (G) 1395 P.S.I.

Final Hydrostatic Pressure 2165 (H) P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 12/17/82 Test Ticket No. 15759
 Recorder No. 6233 Capacity 4000 Location 4431 Ft.
 Clock No. --- Elevation 1643 Kelly Bushing Well Temperature 115 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2183</u>	P.S.I.	3:00P	M
B First Initial Flow Pressure	<u>67</u>	P.S.I.	30	Mins. 30 Mins.
C First Final Flow Pressure	<u>67</u>	P.S.I.	60	Mins. 57 Mins.
D Initial Closed-in Pressure	<u>1155</u>	P.S.I.	90	Mins. 85 Mins.
E Second Initial Flow Pressure	<u>71</u>	P.S.I.	90	Mins. 87 Mins.
F Second Final Flow Pressure	<u>71</u>	P.S.I.		
G Final Closed-in Pressure	<u>1395</u>	P.S.I.		
H Final Hydrostatic Mud	<u>2165</u>	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>19</u> Inc.		Breakdown: <u>17</u> Inc.		Breakdown: <u>29</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 <u>0</u>	<u>67</u>	<u>0</u>	<u>67</u>	<u>0</u>	<u>71</u>	<u>0</u>	<u>71</u>
P 2 <u>5</u>	<u>67</u>	<u>3</u>	<u>73</u>	<u>5</u>	<u>71</u>	<u>3</u>	<u>207</u>
P 3 <u>10</u>	<u>67</u>	<u>6</u>	<u>98</u>	<u>10</u>	<u>71</u>	<u>6</u>	<u>323</u>
P 4 <u>15</u>	<u>67</u>	<u>9</u>	<u>147</u>	<u>15</u>	<u>71</u>	<u>9</u>	<u>438</u>
P 5 <u>20</u>	<u>67</u>	<u>12</u>	<u>203</u>	<u>20</u>	<u>71</u>	<u>12</u>	<u>538</u>
P 6 <u>25</u>	<u>67</u>	<u>15</u>	<u>268</u>	<u>25</u>	<u>71</u>	<u>15</u>	<u>629</u>
P 7 <u>30</u>	<u>67</u>	<u>18</u>	<u>337</u>	<u>30</u>	<u>71</u>	<u>18</u>	<u>725</u>
P 8		<u>21</u>	<u>411</u>	<u>35</u>	<u>71</u>	<u>21</u>	<u>807</u>
P 9		<u>24</u>	<u>476</u>	<u>40</u>	<u>71</u>	<u>24</u>	<u>863</u>
P10		<u>27</u>	<u>542</u>	<u>45</u>	<u>71</u>	<u>27</u>	<u>930</u>
P11		<u>30</u>	<u>624</u>	<u>50</u>	<u>71</u>	<u>30</u>	<u>994</u>
P12		<u>33</u>	<u>697</u>	<u>55</u>	<u>71</u>	<u>33</u>	<u>1044</u>
P13		<u>36</u>	<u>765</u>	<u>60</u>	<u>71</u>	<u>36</u>	<u>1095</u>
P14		<u>39</u>	<u>835</u>	<u>65</u>	<u>71</u>	<u>39</u>	<u>1137</u>
P15		<u>42</u>	<u>910</u>	<u>70</u>	<u>71</u>	<u>42</u>	<u>1174</u>
P16		<u>45</u>	<u>972</u>	<u>75</u>	<u>71</u>	<u>45</u>	<u>1209</u>
P17		<u>48</u>	<u>1038</u>	<u>80</u>	<u>71</u>	<u>48</u>	<u>1239</u>
P18		<u>51</u>	<u>1087</u>	<u>85</u>	<u>71</u>	<u>51</u>	<u>1258</u>
P19		<u>54</u>	<u>1125</u>			<u>54</u>	<u>1280</u>
P20		<u>57</u>	<u>1155</u>			<u>57</u>	<u>1299</u>
						<u>60</u>	<u>1317</u>

WESTERN TESTING CO., INC.

Pressure Data

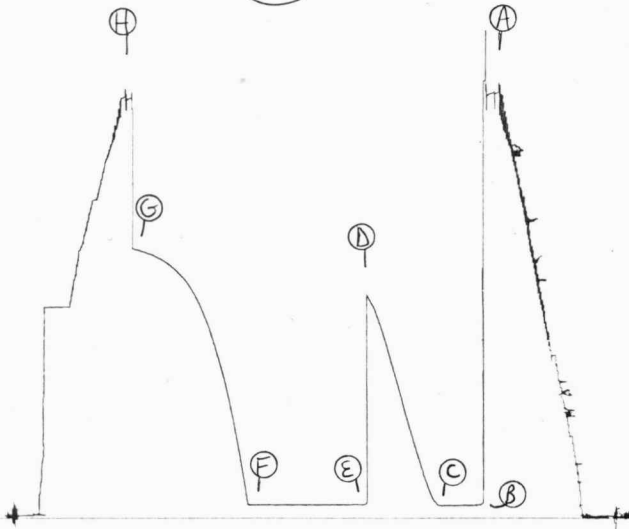
Date 12/17/82 Test Ticket No. 15759
 Recorder No. 6233 Capacity 4000 Location 4431 Ft.
 Clock No. --- Elevation 1643 Kelly Bushing Well Temperature 115 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2183</u> P.S.I.	Open Tool	3:00P	M
B First Initial Flow Pressure	<u>67</u> P.S.I.	First Flow Pressure	30	Mins. 30 Mins.
C First Final Flow Pressure	<u>67</u> P.S.I.	Initial Closed-in Pressure	60	Mins. 57 Mins.
D Initial Closed-in Pressure	<u>1155</u> P.S.I.	Second Flow Pressure	90	Mins. 85 Mins.
E Second Initial Flow Pressure	<u>71</u> P.S.I.	Final Closed-in Pressure	90	Mins. 87 Mins.
F Second Final Flow Pressure	<u>71</u> P.S.I.			
G Final Closed-in Pressure	<u>1395</u> P.S.I.			
H Final Hydrostatic Mud	<u>2165</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>19</u> Inc.		Breakdown: <u>17</u> Inc.		Breakdown: <u>29</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						63	1331
P 2						66	1341
P 3						69	1351
P 4						72	1361
P 5						75	1371
P 6						78	1389
P 7						81	1386
P 8						84	1390
P 9						87	1395
P10							
P11							
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

TKT # 15759



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