



WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET No 18804

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

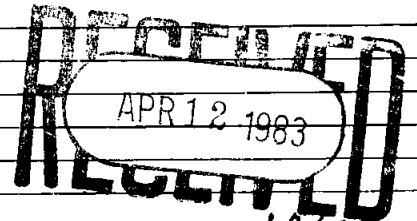
Elevation _____ Formation Miss Eff. Pay _____ Ft.

WICHITA, KANSAS 67201

COMPANY NAME Pickrell Drilling Company, Ltd. District PRATT Date 4-9-83 Customer Order No. _____
ADDRESS 110 North Market Wichita, Kansas 67202
LEASE AND WELL NO. 2 - BANTA H COUNTY HARPER STATE KANSAS Sec. 3 Twp. 31S Rge. 8W
Mail Invoice To #2 "H" Banta Unit No. Copies Requested 5
Co. Name _____ Address _____
Mail Charts To Same No. Copies Requested 5
Address _____

Formation Test No. 1 Interval Tested From 4361 ft. to 4453 ft. Total Depth 4453 ft.
Packer Depth 4356 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Packer Depth 4361 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Depth of Selective Zone Set _____
Top Recorder Depth (Inside) 4365 ft. Recorder Number 2606 Cap. 4150
Bottom Recorder Depth (Outside) 4368 ft. Recorder Number 13267 Cap. 4050
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____
Drilling Contractor Co Tools Drill Collar Length 189 I. D. 2 1/4 in.
Mud Type Clem Drispac Viscosity 41 Weight Pipe Length _____ I. D. _____ in.
Weight 9.5 Water Loss 18.4 cc. Drill Pipe Length 4154 I. D. 3.8 in.
Chlorides 20,000 P.P.M. Test Tool Length 20 ft. Tool Size 5/8 OD in.
Jars: Make NO Serial Number _____ Anchor Length 92' 62-304 Size 6" DC + 5/8 OD in.
Did Well Flow? NO 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 1/2 FN in.

Blow: Strong blow throughout test - gas to surface 10 minutes
see flow chart attached chart for gas recommendations
Recovered 150 ft. of gas cut mud
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Remarks: 6" A.C.



Time On Location 11:00 A.M. Time Pick Up Tool 3:00 P.M. Time Off Location 12:00 P.M.
Time Set Packer(s) 4:35 P.M. Time Started Off Bottom 9:05 P.M. Maximum Temperature 122°F
Initial Hydrostatic Pressure (A) 2292 P.S.I.
Initial Flow Period Minutes 30 (B) 104 P.S.I. to (C) 93 P.S.I.
Initial Closed In Period Minutes 60 (D) 1454 P.S.I.
Final Flow Period Minutes 90 (E) 93 P.S.I. to (F) 83 P.S.I.
Final Closed In Period Minutes 90 (G) 1350 P.S.I.
Final Hydrostatic Pressure (H) 2188 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 Thomas Fyuk
Signature of Customer or his authorized representative

Western Representative Ed Litt Thank you

FIELD INVOICE

Open Hole Test \$ 595.00
Misrun \$ _____
Straddle Test \$ _____
Jars \$ _____
Selective Zone \$ _____
Safety Joint \$ _____
Standby \$ _____
Evaluation \$ _____
Extra Packer \$ _____
Circ. Sub. \$ _____
Mileage \$ _____
Fluid Sampler \$ _____
Extra Charts \$ _____
Insurance \$ _____
Telecopier \$ _____
TOTAL \$ 595.00



GAS FLOW REPORT

No 4064

Date 4-9-83 Ticket 18804 Company Pickrell Drilling Co
 Well Name and No. 2 - BANITA H Dst No. 1 Interval Tested 4361 - 4453
 County HARPER State KANSAS Sec. 3 Twp. 31S 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
Inches of WATER					
PRE FLOW					
10	—	3/4			OK GAS to surface 87,500 CFPD 87,800
20	38"	{			
30	40"	{			

Inches of WATER					
SECOND FLOW					
10	48"	3/4			98,400 CFPD
20	48	{			
30	48	{			
40	48	{			OK { 98,400
50	48	{			
60	46	{			
70	46	{			OK { 96,300
80	46	{			
90	46	{			

GAS BOTTLE

Serial No. — Date Bottle Filled — Date to be Invoiced 4-9-83

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 1½% 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 Co.

Authorized by

Thomas Funk

WESTERN TESTING COMPANY
SUBSURFACE PRESSURE SURVEY

DATE: 4/9/83
CUSTOMER: PICKRELL DRILLING
WELL: 2 TEST: 1
ELEVATION (KB): 0 FORMATION: MISSISSIPPIAN
SECTION: 3 TOWNSHIP: 31S
RANGE: 8W COUNTY: HARPER STATE: KANSAS
GAUGE SN #2606 RANGE: 4150 CLOCK: 12

TICKET #18804

LEASE: "H" BANTA UNIT
GEOLOGIST: THOMAS FUNK

INTERVAL TEST FROM: 4361 FT TO: 4453 FT TOTAL DEPTH: 4453 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 4356 FT SIZE: 6 3/4 IN PACKER DEPTH: 4361 FT SIZE: 6 3/4 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: CO TOOLS

MUD TYPE: CHEMICAL VISCOSITY: 41
WEIGHT: 9.5 WATER LOSS (CC): 18.4
CHLORIDES (P.P.M.): 20000

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

DRILL COLLAR LENGTH: 189 FT I.D.: 2.25 IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 4154 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 20 FT TOOL SIZE: 5 1/2 OD IN
ANCHOR LENGTH: 92 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: STRONG BLOW THROUGHOUT TEST.
GAS TO SURFACE IN 10 MINUTES.
SEE ATTACHED GAS SHEET FOR MEASUREMENTS.

RECOVERED: 150 FT OF: GAS CUT 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:

REMARKS: 6 INCH DRILL COLLAR.

TIME SET PACKER(S): 4:35 AM
WELL TEMPERATURE: 122 °F
INITIAL HYDROSTATIC PRESSURE:
INITIAL FLOW PERIOD MIN: 30
INITIAL CLOSED IN PERIOD MIN: 60
FINAL FLOW PERIOD MIN: 90
FINAL CLOSED IN PERIOD MIN: 90
FINAL HYDROSTATIC PRESSURE

TIME STARTED OFF BOTTOM: 9:05 AM

(A) 2314 PSI
(B) 115 PSI TO (C) 89 PSI
(D) 1450 PSI
(E) 87 PSI TO (F) 68 PSI
(G) 1343 PSI
(H) 2189 PSI

[illegible]

WESTERN TESTING COMPANY
GAS FLOW REPORT

DATE: 4/9/83
CUSTOMER: PICKRELL DRILLING
WELL: 2
ELEVATION (KB): 0
SECTION: 3
RANGE: 8W
GAUGE SN #2606

TEST: 1
FORMATION: MISSISSIPPIAN
TOWNSHIP: 31S
COUNTY: HARPER
RANGE: 4150

TICKET #18804
LEASE: "H" BANTA UNIT
GEOLOGIST: THOMAS FUNK
STATE: KANSAS
CLOCK: 12

TIME GAUGE (MIN)	TESTER TYPE	ORIFICE SIZE	PRESSURE (PSI)	FLOW DESCRIPTION
---------------------	-------------	-----------------	-------------------	------------------

PRE FLOW

10	MERLA	3/4		
20	MERLA	3/4	38" OFWTR	87500 CFPD
30	MERLA	3/4	40" OFWTR	89800 CFPD

SECOND FLOW

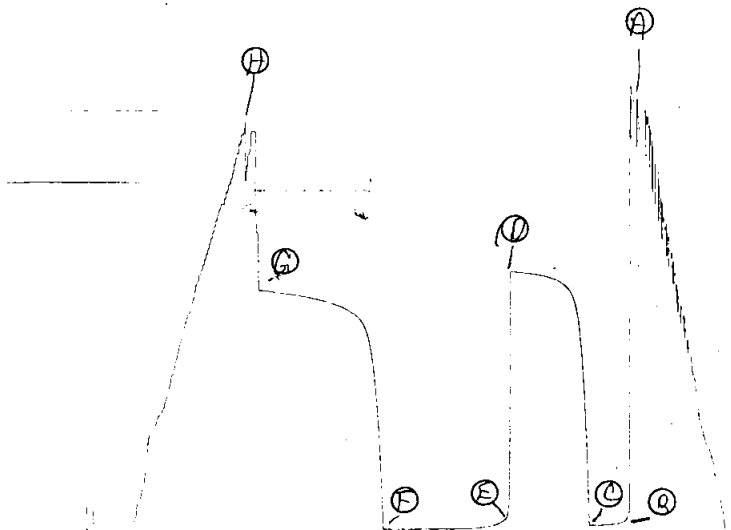
10	MERLA	3/4	48" OFWTR	98400 CFPD
20	MERLA	3/4	48" OFWTR	98400 CFPD
30	MERLA	3/4	48" OFWTR	98400 CFPD
40	MERLA	3/4	48" OFWTR	98400 CFPD
50	MERLA	3/4	48" OFWTR	98400 CFPD
60	MERLA	3/4	46" OFWTR	96300 CFPD
70	MERLA	3/4	46" OFWTR	96300 CFPD
80	MERLA	3/4	46" OFWTR	96300 CFPD
90	MERLA	3/4	46" OFWTR	96300 CFPD

GAS BOTTLE SN #:
DATE BOTTLE FILLED:
DATE TO BE INVOICED:

2600 0511

1A.1.18804

I





WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET

No 18805

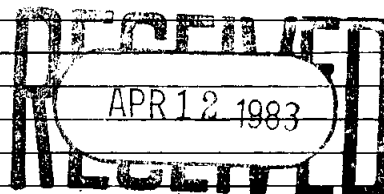
P. O. BOX 1599 PHONE (316) 262-5861
WICHITA, KANSAS 67201

Elevation 1668 LB Formation MISS Eff. Pay Ft.

District PRATT Date 4-9-83 Customer Order No.
COMPANY NAME Pickrell Drilling Co. bitwin Bldg Suite 205
ADDRESS 110 North market Wichita, Kansas 67202
LEASE AND WELL NO. 2 Banta H COUNTY HARPER STATE Kansas Sec. 3 Twp. 31S Rge. 8W
Mail Invoice To #2 "H" Banta Unit Same No. Copies Requested Reg
Co. Name Address
Mail Charts To Same No. Copies Requested Reg
Address

Formation Test No. 2 Interval Tested From 4450 ft. to 4468 ft. Total Depth 4468 ft.
Packer Depth 4445 ft. Size 6 3/4 in. Packer Depth ft. Size in.
Packer Depth 4450 ft. Size 6 3/4 in. Packer Depth ft. Size in.
Depth of Selective Zone Set
Top Recorder Depth (Inside) 4454 ft. Recorder Number 2606 Cap. 4150
Bottom Recorder Depth (Outside) 4457 ft. Recorder Number 13267 Cap. 4050
Below Straddle Recorder Depth ft. Recorder Number Cap.
Drilling Contractor Co Tools Rig #10 Drill Collar Length 249 I. D. 2 1/4 in.
Mud Type Chem Dispac Viscosity 46 Weight Pipe Length I. D. in.
Weight 9.4 Water Loss 13.2 cc. Drill Pipe Length 4181 I. D. 3.8 in.
Chlorides 18,000 P.P.M. Test Tool Length 20 ft. Tool Size 5 1/2 OD in.
Jars: Make NO Serial Number Anchor Length 18 ft. Size 5 1/2 OD in.
Did Well Flow? NO 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 1/2 FN in.

Blow: Very weak blow for 10 minutes on initial flow period
few bubbles on final - flushed tool - no change on final flow
Recovered ft. of
Recovered 15' ft. of Drilling mud
Recovered ft. of
Recovered ft. of
Recovered ft. of
Remarks:



Time On Location 1:00 AM Time Pick Up Tool 8:30 AM Time Off Location 3:00 AM
Time Set Packer(s) 10:15 AM Time Started Off Bottom 12:15 AM Maximum Temperature 122°F
Initial Hydrostatic Pressure 2350 P.S.I. (A) 30 (B) 31 P.S.I. to (C) 20 P.S.I.
Initial Flow Period 30 Minutes (D) 20 P.S.I.
Initial Closed In Period 30 Minutes (E) 20 P.S.I. to (F) 20 P.S.I.
Final Flow Period 30 Minutes (G) 20 P.S.I.
Final Closed In Period 30 Minutes (H) 2298 P.S.I.
Final Hydrostatic Pressure 2298 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 Thomas Link
Signature of Customer or his authorized representative

Western Representative Rod Link Thank you

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 \$
Telecopier \$
\$595

WESTERN TESTING COMPANY
SUBSURFACE PRESSURE SURVEY

DATE: 4/9/83
CUSTOMER: PICKRELL DRILLING
WELL: 2 TEST: 2
ELEVATION (KB): 1668 FORMATION: MISSISSIPPIAN
SECTION: 3 TOWNSHIP: 31S
RANGE: 8W COUNTY: HARPER STATE: KANSAS
GAUGE SN #2606 RANGE: 4150 CLOCK: 12

TICKET #18805

LEASE: "H" BANTA UNIT
GEOLOGIST: THOMAS FUNK

INTERVAL TEST FROM: 4450 FT TO: 4468 FT TOTAL DEPTH: 4468 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 4445 FT SIZE: 6 3/4 IN PACKER DEPTH: 4450 FT SIZE: 6 3/4 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: CO TOOLS

MUD TYPE: CHEMICAL VISCOSITY: 46
WEIGHT: 9.4 WATER LOSS (CC): 13.2
CHLORIDES (P.P.M.): 18000

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

DRILL COLLAR LENGTH: 249 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: 20 FT TOOL SIZE: 5 1/2 OD IN
ANCHOR LENGTH: 18 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: INITIAL FLOW PERIOD VERY WEAK
BLOW FOR 10 MINUTES.
FINAL FLOW PERIOD FEW BUBBLES.
FLUSHED TOOL. NO CHANGE.

RECOVERED: 15 FT OF: DRILLING 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:

REMARKS:

TIME SET PACKER(S): 10:15 PM
WELL TEMPERATURE: 122 °F
INITIAL HYDROSTATIC PRESSURE:
INITIAL FLOW PERIOD MIN: 30
INITIAL CLOSED IN PERIOD MIN: 30
FINAL FLOW PERIOD MIN: 30
FINAL CLOSED IN PERIOD MIN: 30
FINAL HYDROSTATIC PRESSURE

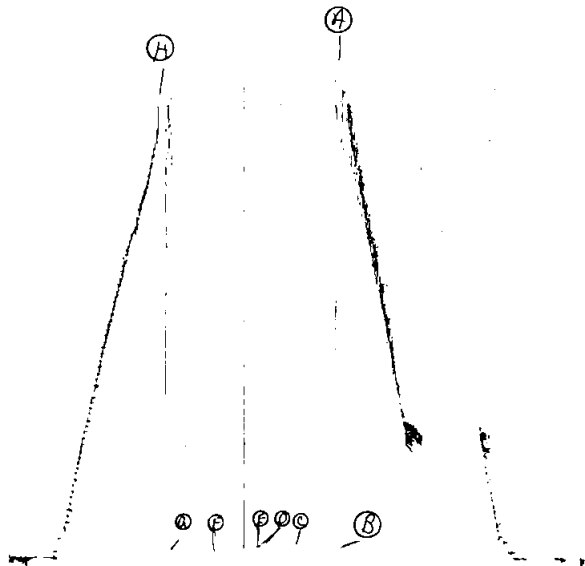
TIME STARTED OFF BOTTOM: 12:15 AM

(A) 2457 PSI
(B) 23 PSI TO (C) 23 PSI
(D) 29 PSI
(E) 29 PSI TO (F) 29 PSI
(G) 29 PSI
(H) 2252 PSI

781 18825

4

I





WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET

No 18806

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

Elevation 1668 K13 Formation miss Eff. Pay Ft.

District Peatt Date 4-10-83 Customer Order No.

COMPANY NAME Pickrell Drilling Co bitumin Bldg Suite 205
ADDRESS 110 N. Marden Wichita, Kansas 67124

LEASE AND WELL NO. 2 Banta H COUNTY Happer STATE Kansas Sec. 3 Twp. 31 Rge. 8W

Mail Invoice #2 "H" Banta Unit Same No. Copies Requested Reg
Co. Name Address

Mail Charts To Same No. Copies Requested Reg
Address

Formation Test No. 3 Interval Tested From 4465 ft. to 4478 ft. Total Depth 4478 ft.

Packer Depth 4460 ft. Size 634 in. Packer Depth ft. Size in.

Packer Depth 4465 ft. Size 634 in. Packer Depth ft. Size in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 4468 ft. Recorder Number 2606 Cap. 4150

Bottom Recorder Depth (Outside) 4471 ft. Recorder Number 13267 Cap. 4050

Below Straddle Recorder Depth ft. Recorder Number Cap.

Drilling Contractor Co Tools lig 10 Drill Collar Length 249 I. D. 2 1/4 in.

Mud Type Chem Dupac Viscosity 47 Weight Pipe Length I. D. in.

Weight 9.5 Water Loss 18.8 cc. Drill Pipe Length 4196 I. D. 3.8 in.

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

Jars: Make NO Serial Number Anchor Length 13 ft. Size 5 1/2 OD 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 1/2 IN in.

Blow: Weak blow building to good (8" into water) blow on initial
Weak - steady blow on final flow period

Recovered 30 ft. of mud with oil spots

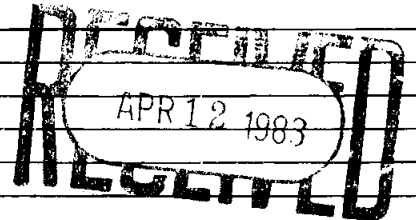
Recovered 60 ft. of watery mud

Recovered 60 ft. of muddy water

Recovered ft. of

Recovered 120 ft. of Salt water 68,000 P.P.M

Remarks:



Time On Location 3:00 AM Time Pick Up Tool 9:30 AM Time Off Location 6:00 AM

Time Set Packer(s) 11:10 AM Time Started Off Bottom 3:40 AM Maximum Temperature 128°F

Initial Hydrostatic Pressure 2397 P.S.I. (A)

Initial Flow Period 30 Minutes (B) 62 P.S.I. to (C) 52 P.S.I.

Initial Closed In Period 60 Minutes (D) 1277 P.S.I.

Final Flow Period 90 Minutes (E) 83 P.S.I. to (F) 124 P.S.I.

Final Closed In Period 90 Minutes (G) 1277 P.S.I.

Final Hydrostatic Pressure 2297 P.S.I. (H)

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 Thomas Lymb

Signature of Customer or his authorized representative

Western Representative Paul Liff Thank you

FIELD INVOICE

Open Hole Test \$ 395.00
Misrun \$
Straddle Test \$
Jars \$
Selective Zone \$
Safety Joint \$
Standby \$
Evaluation \$
Extra Packer \$
Circ. Sub. \$
Mileage \$
Fluid Sampler \$
Extra Charts \$
Insurance \$
Telecopier \$
TOTAL \$ 395.00

WESTERN TESTING COMPANY
SUBSURFACE PRESSURE SURVEY

DATE: 4-10-83
CUSTOMER: PICKRELL DRILLING COMPANY
WELL: 2 TEST: 3
ELEVATION (KB): 1668 FORMATION: MISSISSIPPI
SECTION: 3 TOWNSHIP: 31S
RANGE: 8W COUNTY: HARPER STATE: KANSAS
GAUGE SN #2606 RANGE: 4150 CLOCK: 12

INTERVAL TEST FROM: 4465 FT TO: 4478 FT TOTAL DEPTH: 4478 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 4460 FT SIZE: 6 3/4 IN PACKER DEPTH: 4465 FT SIZE: 6 3/4 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: PICKRELL DRLG. CO.
MUD TYPE: CHEMICAL VISCOSITY: 47
WEIGHT: 9.5 WATER LOSS (CC): 18.8
CHLORIDES (P.P.M.): 20000
JARS - MAKE: SERIAL NUMBER:
DID WELL FLOW? NO REVERSED OUT? NO
DRILL COLLAR LENGTH: 249 FT I.D.: 2 1/4 IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 4196 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 20 FT TOOL SIZE: 5 1/2 IN
ANCHOR LENGTH: 13 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: INITIAL FLOW PERIOD WEAK BLOW BUILDING TO GOOD
BLOW. 8" INTO WATER
FINAL FLOW PERIOD WEAK STEADY BLOW THROUGHOUT

RECOVERED: 30	FT	OF: MUD WITH OIL SPOTS
RECOVERED: 60	FT	OF: WATERY MUD
RECOVERED: 60	FT	OF: MUDDY WATER
RECOVERED: 120	FT	OF: SALT WATER CHLORIDES-68000 PPM
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:

REMARKS:

TIME SET PACKER(S): 11:10 AM	TIME STARTED OFF BOTTOM: 3:40PM
WELL TEMPERATURE: 128 °F	
INITIAL HYDROSTATIC PRESSURE:	(A) 2405 PSI
INITIAL FLOW PERIOD MIN: 30	(B) 50 PSI TO (C) 50 PSI
INITIAL CLOSED IN PERIOD MIN: 60	(D) 1275 PSI
FINAL FLOW PERIOD MIN: 90	(E) 89 PSI TO (F) 124 PSI
FINAL CLOSED IN PERIOD MIN: 90	(G) 1262 PSI
FINAL HYDROSTATIC PRESSURE	(H) 2275 PSI

CLOCK: 12

PRESSURE BREAKDOWN								
PT	FIRST FLOW		INITIAL SHUT-IN		SECOND FLOW		FINAL	SHUT-IN
	MIN	PRESSURE	MIN	PRESSURE	MIN	PRESSURE		
1	0	50	0	50	0	89	0	124
2	5	50	3	88	5	90	3	148
3	10	50	6	215	10	91	6	232
4	15	50	9	386	15	92	9	407
5	20	50	12	558	20	93	12	556
6	25	50	15	770	25	94	15	676
7	30	50	18	901	30	95	18	776
8			21	984	35	96	21	862
9			24	1043	40	97	24	914
10			27	1090	45	98	27	969
11			30	1125	50	99	30	1004
12			33	1154	55	100	33	1036
13			36	1166	60	103	36	1067
14			39	1191	65	107	39	1082
15			42	1211	70	111	42	1106
16			45	1229	75	115	45	1122
17			48	1237	80	119	48	1139
18			51	1249	85	121	51	1155
19			54	1260	90	124	54	1167
20			57	1267			57	1179
21			60	1275			60	1191
22							63	1202
23							66	1211
24							69	1217
25							72	1225
26							75	1232
27							78	1237
28							81	1246
29							84	1252
30							87	1257

2606-1255-0

1K1/8806
I

4

