Harvest Oil Co

WESTERN TESTERS

Home Office: Wichita, Kansas 67201

P.O. Box 1599 (316) 262-5861

Company Reach Petroleum Management, Inc. Lease & Well No. #5 "B" Honas

Elevation 2301 Kelly Bushing Formation Lansing Effective Pay - Ft. Ticket No. 13646

Date 3/ 15/82 Sec. 28 Twp. 11S Range 22W County Trego State Kansas

Test Approved by Paul Laird Western Representative Steve Eisenhour

Formation Test No. 1 Interval Tested from 3556 ft. to 3590 ft. Total Depth 3590 ft.

Packer Depth 3551 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 3556 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 3577 ft. Recorder Number 1564 Cap. 3150

Bottom Recorder Depth (Outside) 3580 ft. Recorder Number 4331 Cap. 4150

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

Drilling Contractor Reach Drlg. Rig #1 Drill Collar Length 187 I. D. 2.2 in.

Mud Type starch Viscosity 42 Weight Pipe Length - I. D. - in.

Weight 9.5 Water Loss 8 cc. Drill Pipe Length 3349 I. D. 3.8 in.

Chlorides 23,000 P.P.M. Test Tool Length 20 ft. Tool Size 5½ OD in.

Jars: Make No Serial Number -- Anchor Length 34 ft. Size 5½ OD in.

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

Main Hole Size 7 7/8 in. Tool Joint Size 4½ XH

Blow: Initial flow period weak to strong blow; final flow period weak blow to fair blow.

Recovered 249 ft. of muddy water 60% mud;40% water

Recovered ft. of Chlorides 96,000 ppm

Recovered ft. of

Recovered ft. of

Recovered ft. of MISRUN

Remarks: Top clocks stopped; bottom recorder diaphram ruptured . Tight Hole.

Time Set Packer(s) 6:00 A.M. P.M. Time Started Off Bottom 9:00 A.M. P.M. Maximum Temperature 112°

Initial Hydrostatic Pressure ..... (A) 1790 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.

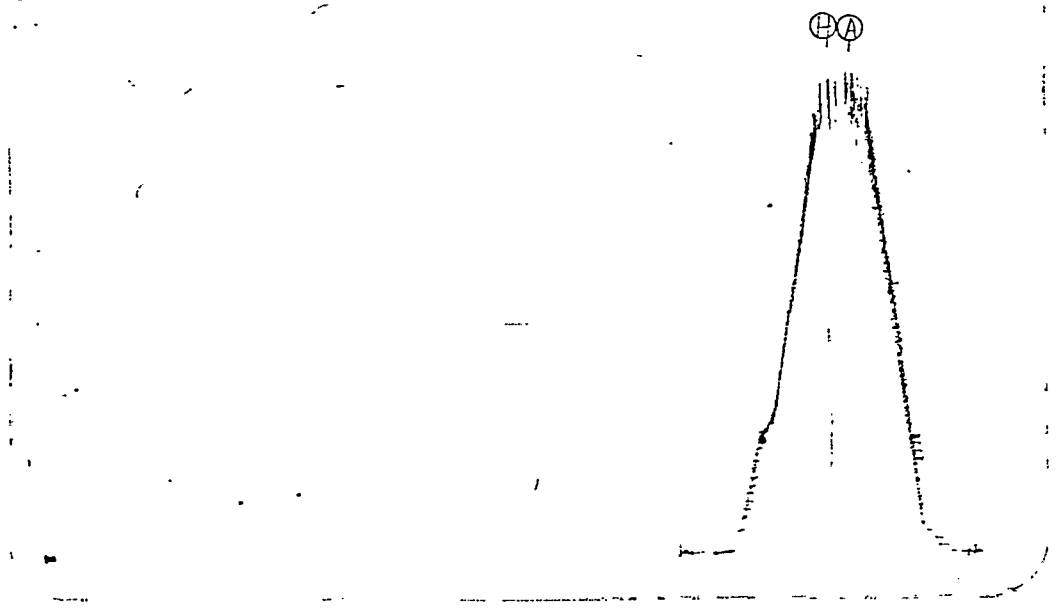
Final Closed In Period ..... Minutes ____ (G) - P.S.I.

Final Hydrostatic Pressure ..... (H) 1790 P.S.I.

1564 TKT # 13646

I

Reach Petro. Inc
Honas-B-5
PS+1



This is an actual photograph of recorder chart.

POINT		PRESSURE Field Reading	Office Reading	
(A)	Initial Hydrostatic Mud	MISRUN -	1790	PSI
(B)	First Initial Flow Pressure	-	-	PSI
(C)	First Final Flow Pressure	-	-	PSI
(D)	Initial Closed-in Pressure	-	-	PSI
(E)	Second Initial Flow Pressure	-	-	PSI
(F)	Second Final Flow Pressure	-	-	PSI
(G)	Final Closed-in Pressure	-	-	PSI
(H)	Final Hydrostatic Mud	-	1790	PSI

Home Office: Wichita, Kansas 67201
P.O. Box 1599 (316) 262-5861

Company Reach Petroleum Management, Inc. Lease & Well No. #5"B" Honas

Elevation 2301 Kelly Bushing Formation Lansing "B" Effective Pay - Ft. Ticket No. 13647

Date 3/ 15/82 Sec. 28 Twp. 11S Range 22W County Trego State Kansas

Test Approved by Paul Laird Western Representative Steve Eisenhour

Formation Test No. 2 Interval Tested from 3591 ft. to 3615 ft. Total Depth 3615 ft.

Packer Depth 3586 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 3591 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 3602 ft. Recorder Number 1564 Cap. 3150

Bottom Recorder Depth (Outside) 3605 ft. Recorder Number 4331 Cap. 4150

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

Drilling Contractor Reach Drlg. Rig #1 Drill Collar Length 187 I. D. 2.2 in.

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

Weight 9.5 Water Loss 7.8 cc. Drill Pipe Length 2384 I. D. 3.8 in.

Chlorides 34,000 P.P.M. Test Tool Length 20 ft. Tool Size 5½OD in.

Jars: Make No Serial Number -- Anchor Length 24 ft. Size 5½OD 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 4½XH in.

Blow: Initial flow weak to strong fair blow; final flow very weak to weak blow and decreasing.

Recovered 260 ft. of muddy/water

Recovered ft. of Chlorides 51,000 ppm

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks: Tight Hole. Tool slid four to five feet when opened.

Time Set Packer(s) 7:35 ~~A.M.~~ P.M. Time Started Off Bottom 10:35 ~~A.M.~~ P.M. Maximum Temperature 111°

Initial Hydrostatic Pressure ..... (A) 1833 P.S.I.

Initial Flow Period ..... Minutes 30 (B) 103 P.S.I. to (C) 124 P.S.I.

Initial Closed In Period ..... Minutes 63 (D) 310 P.S.I.

Final Flow Period ..... Minutes 30 (E) 135 P.S.I. to (F) 146 P.S.I.

Final Closed In Period ..... Minutes 66 (G) 303 P.S.I.

Final Hydrostatic Pressure ..... (H) 1833 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 3/15/82 Test Ticket No. 13647

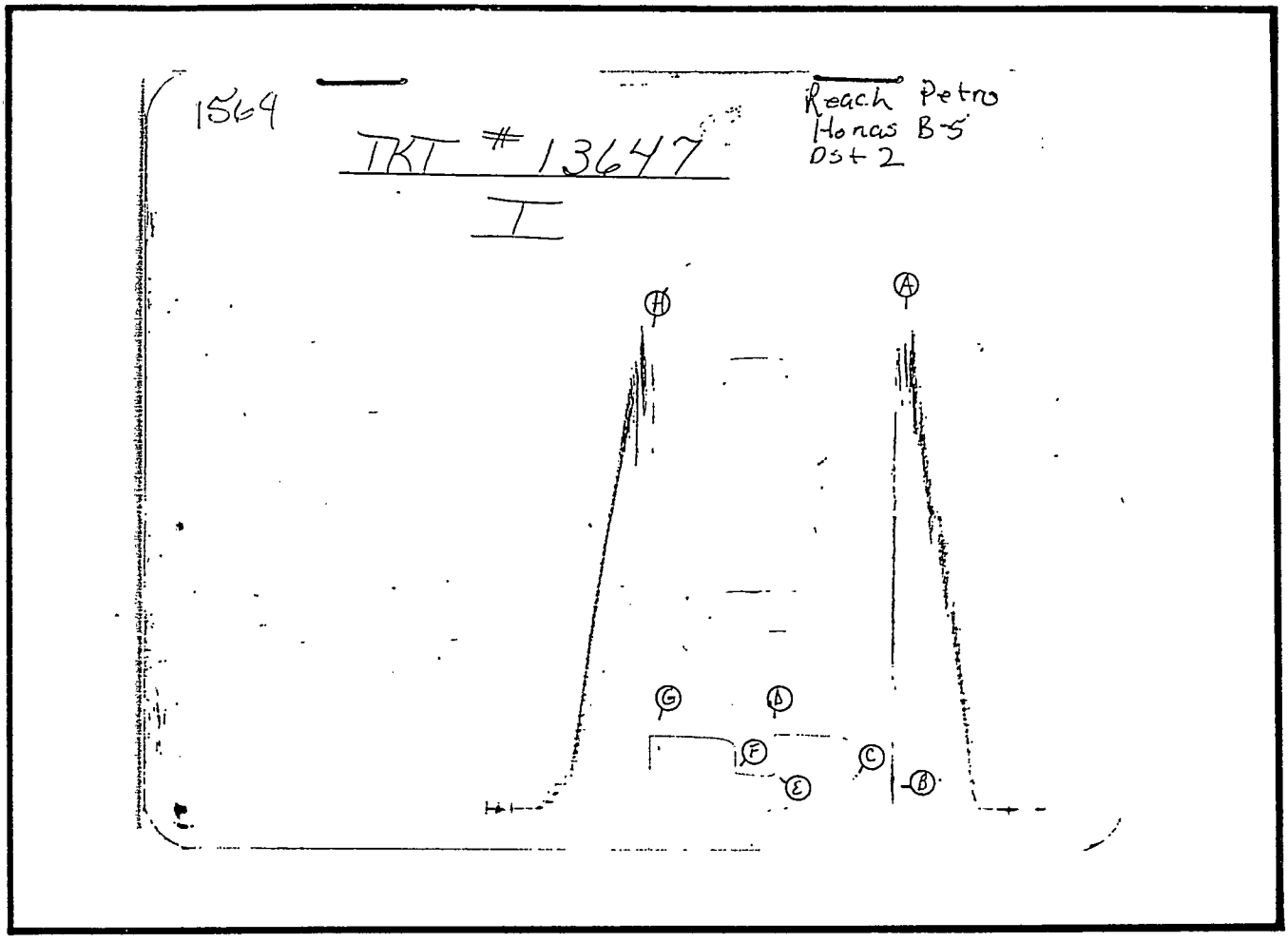
Recorder No. 1564 Capacity 3150 Location 3602 Ft.

Clock No. -- Elevation 2301 Kelly Bushing Well Temperature 111 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	1833 P.S.I.	Open Tool	7:35P M	
B First Initial Flow Pressure	103 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	124 P.S.I.	Initial Closed-in Pressure	60 Mins.	63 Mins.
D Initial Closed-in Pressure	310 P.S.I.	Second Flow Pressure	30 Mins.	30 Mins.
E Second Initial Flow Pressure	135 P.S.I.	Final Closed-in Pressure	60 Mins.	66 Mins.
F Second Final Flow Pressure	146 P.S.I.			
G Final Closed-in Pressure	303 P.S.I.			
H Final Hydrostatic Mud	1833 P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: 6 Inc.		Breakdown: 21 Inc.		Breakdown: 6 Inc.		Breakdown: 22 Inc.	
of 5 mins. and a		of 3 mins. and a		of 5 mins. and a		of 3 mins. and a	
final inc. of 0 Min.		final inc. of 0 Min.		final inc. of 0 Min.		final inc. of 0 Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 0	103	0	124	0	135	0	146
P 2 5	104	3	271	5	135	3	275
P 3 10	109	6	288	10	136	6	285
P 4 15	121	9	296	15	139	9	289
P 5 20	119	12	299	20	141	12	292
P 6 25	121	15	301	25	144	15	294
P 7 30	124	18	302	30	146	18	296
P 8		21	303			21	297
P 9		24	304			24	297
P10		27	305			27	298
P11		30	306			30	299
P12		33	307			33	300
P13		36	308			36	300
P14		39	309			39	301
P15		42	310			42	301
P16		45	310			45	302
P17		48	310			48	302
P18		51	310			51	302
P19		54	310			54	302
P20		57	310			57	302
		60	310			60	302
		63	310			63	303
						66	303



This is an actual photograph of recorder chart.

POINT		PRESSURE Field Reading	Office Reading	
(A)	Initial Hydrostatic Mud	1944	1833	PSI
(B)	First Initial Flow Pressure	100	103	PSI
(C)	First Final Flow Pressure	116	124	PSI
(D)	Initial Closed-in Pressure	311	310	PSI
(E)	Second Initial Flow Pressure	131	135	PSI
(F)	Second Final Flow Pressure	139	136	PSI
(G)	Final Closed-in Pressure	295	303	PSI
(H)	Final Hydrostatic Mud	1840	1833	PSI

COMPANY REACH PETROLEUM MANAGEMENT, INC. LEASE AND WELL NO. #5 "B" HONAS SEC. 28 TWP. 11S RGE. 22W TEST NO. 2 DATE 3/

Home Office: Wichita, Kansas 67201
P.O. Box 1599 (316) 262-5861

Company Reach Petroleum Management, Inc. Lease & Well No. #5"B" Honas

Elevation 2301 Kelly Bushing Formation Lansing -Kansas City Effective Pay - Ft. Ticket No. 13648

Date 3/ 16/82 Sec. 28 Twp. 11S Range 22W County Trego State Kansas

Test Approved by Paul Laird Western Representative Steve Eisenhour

Formation Test No. 3 Interval Tested from 3758 ft. to 3775 ft. Total Depth 3775 ft.

Packer Depth 3753 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 3758 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 3767 ft. Recorder Number 1564 Cap. 3150

Bottom Recorder Depth (Outside) 3770 ft. Recorder Number 4331 Cap. 4150

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

Drilling Contractor Reach Drlg. Rig #1 Drill Collar Length 187 I. D. 2.2 in.

Mud Type starch Viscosity 43 Weight Pipe Length - I. D. - in.

Weight 9.5 Water Loss 9.8 cc. Drill Pipe Length 3551 I. D. 3.8 in.

Chlorides 32,000 P.P.M. Test Tool Length 20 ft. Tool Size 5½OD in.

Jars: Make No Serial Number -- Anchor Length 17 ft. Size 5½ODin.

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 4½XH in

Blow: Initial flow period very weak blow; final flow period no blow; flushed tool twice. No blow.

Recovered 70 ft. of muddy / water with a very light oil stain

Recovered ft. of Chlorides 39,000 ppm

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 10:25 A.M. P.M. Time Started Off Bottom 1:25 A.M. P.M. Maximum Temperature 113°

Initial Hydrostatic Pressure ..... (A) 1944 P.S.I.

Initial Flow Period ..... Minutes 30 (B) 23 P.S.I. to (C) 32 P.S.I.

Initial Closed In Period ..... Minutes 60 (D) 1092 P.S.I.

Final Flow Period ..... Minutes 30 (E) 43 P.S.I. to (F) 47 P.S.I.

Final Closed In Period ..... Minutes 60 (G) 971 P.S.I.

Final Hydrostatic Pressure ..... (H) 1928 P.S.I.

WT

WESTERN TESTING CO., INC.
Pressure Data

Date 3/16/82 Test Ticket No. 13648

Recorder No. 1564 Capacity 3150 Location 3767 Ft.

Clock No. -- Elevation 2301 Kelly Bushing Well Temperature 113 °F

Point	Pressure		Time Given	Time Computed
A. Initial Hydrostatic Mud	1944 P.S.I.	Open Tool	10:25P M	
B First Initial Flow Pressure	23 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	32 P.S.I.	Initial Closed-in Pressure	60 Mins.	60 Mins.
D Initial Closed-in Pressure	1092 P.S.I.	Second Flow Pressure	30 Mins.	30 Mins.
E Second Initial Flow Pressure	43 P.S.I.	Final Closed-in Pressure	60 Mins.	60 Mins.
F Second Final Flow Pressure	47 P.S.I.			
G Final Closed-in Pressure	971 P.S.I.			
H Final Hydrostatic Mud	1928 P.S.I.			

PRESSURE BREAKDOWN

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

Point Mins.	Press.
P 1 0	23
P 2 5	23
P 3 10	25
P 4 15	26
P 5 20	28
P 6 25	31
P 7 30	32
P 8	
P 9	
P10	
P11	
P12	
P13	
P14	
P15	
P16	
P17	
P18	
P19	
P20	

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

Point Minutes	Press.
0	32
3	254
6	620
9	742
12	807
15	854
18	888
21	915
24	937
27	958
30	975
33	993
36	1008
39	1022
42	1036
45	1047
48	1059
51	1071
54	1081
57	1090
60	1092

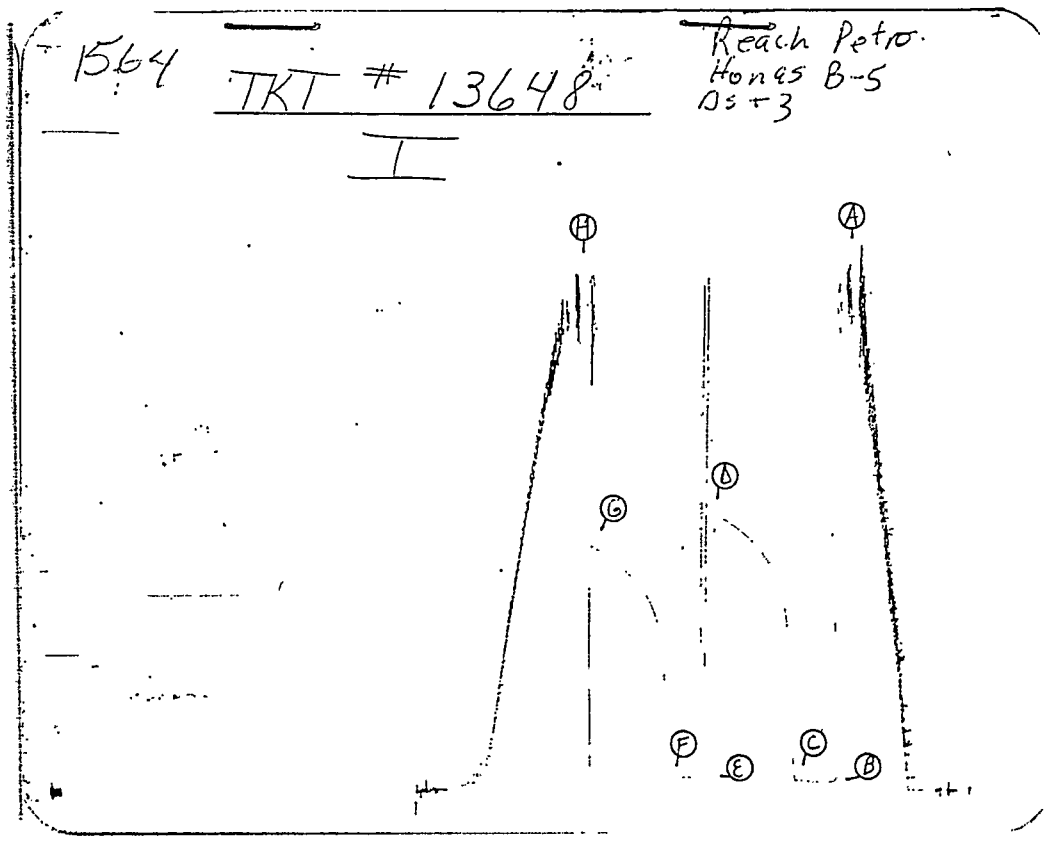
Second Flow Pressure
Breakdown: 6 Inc.
of 5 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	43
5	43
10	46
15	45
20	46
25	47
30	47

Two flushed tools

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

Point Minutes	Press.
0	47
3	113
6	397
9	618
12	690
15	736
18	767
21	794
24	817
27	836
30	854
33	870
36	885
39	900
42	912
45	925
48	935
51	947
54	959
57	969
60	971



This is an actual photograph of recorder chart.

POINT		PRESSURE Field Reading	Office Reading	
(A)	Initial Hydrostatic Mud	1992	1944	PSI
(B)	First Initial Flow Pressure	23	23	PSI
(C)	First Final Flow Pressure	31	32	PSI
(D)	Initial Closed-in Pressure	1077	1092	PSI
(E)	Second Initial Flow Pressure	46	43	PSI
(F)	Second Final Flow Pressure	46	47	PSI
(G)	Final Closed-in Pressure	967	971	PSI
(H)	Final Hydrostatic Mud	1928	1928	PSI

COMPANY REACH PETROLEUM MANAGEMENT, INC. LEASE AND WELL NO. #5 "B" HONAS SEC. 28 TWP. 11S RGE. 22W TEST NO. 3 DATE 3/16

WESTERN TESTERS

Home Office: Wichita, Kansas 67201

P.O. Box 1599 (316) 262-5861

Company Reach Petroleum Management, Inc. Lease & Well No. Honas "B" #5

Elevation 2301 Kelly Bushing Formation - Effective Pay - Ft. Ticket No. 13649

Date 3/ 17/82 Sec. 28 Twp. 11S Range 22W County Trego State Kansas

Test Approved by Paul Laird Western Representative SteveEisenhour

Formation Test No. 4 Interval Tested from 3891 ft. to 3920 ft. Total Depth 3920 ft.

Packer Depth 3886 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 3891 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 3907 ft. Recorder Number 1564 Cap. 3150

Bottom Recorder Depth (Outside) 3910 ft. Recorder Number 4331 Cap. 4150

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

Drilling Contractor Reach Drlg. Rig #1 Drill Collar Length 187 I. D. 2.2 in.

Mud Type starch Viscosity 48 Weight Pipe Length - I. D. - in.

Weight 9.6 Water Loss 9.0 cc. Drill Pipe Length 3684 I. D. 3.8 in.

Chlorides 34,000 P.P.M. Test Tool Length 20 ft. Tool Size 5½OD in.

Jars: Make No Serial Number - Anchor Length 29 ft. Size 5½OD 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 4½XH in.

Blow: Initial flow period weak blow; final flow no blow; flushed tool - no blow.

Recovered 6 ft. of oil cut mud 41% mud;10% water;5% gas;44% oil

Recovered 61 ft. of gas cut mud 71% mud;1% water;10% gas;8% oil

Recovered ft. of

Recovered ft. of Chlorides 31,000 ppm

Recovered ft. of

Remarks: Flushed tool five minutes into final flow period.

Time Set Packer(s) 12:10 A.M. P.M. Time Started Off Bottom 3:10 A.M. ~~P.M.~~ Maximum Temperature 117°

Initial Hydrostatic Pressure			(A)	2037	P.S.I.	
Initial Flow Period	Minutes	30	(B)	36	P.S.I. to (C)	39 P.S.I.
Initial Closed In Period	Minutes	60	(D)	1162	P.S.I.	
Final Flow Period	Minutes	30	(E)	56	P.S.I. to (F)	61 P.S.I.
Final Closed In Period	Minutes	60	(G)	1067	P.S.I.	
Final Hydrostatic Pressure			(H)	2037	P.S.I.	

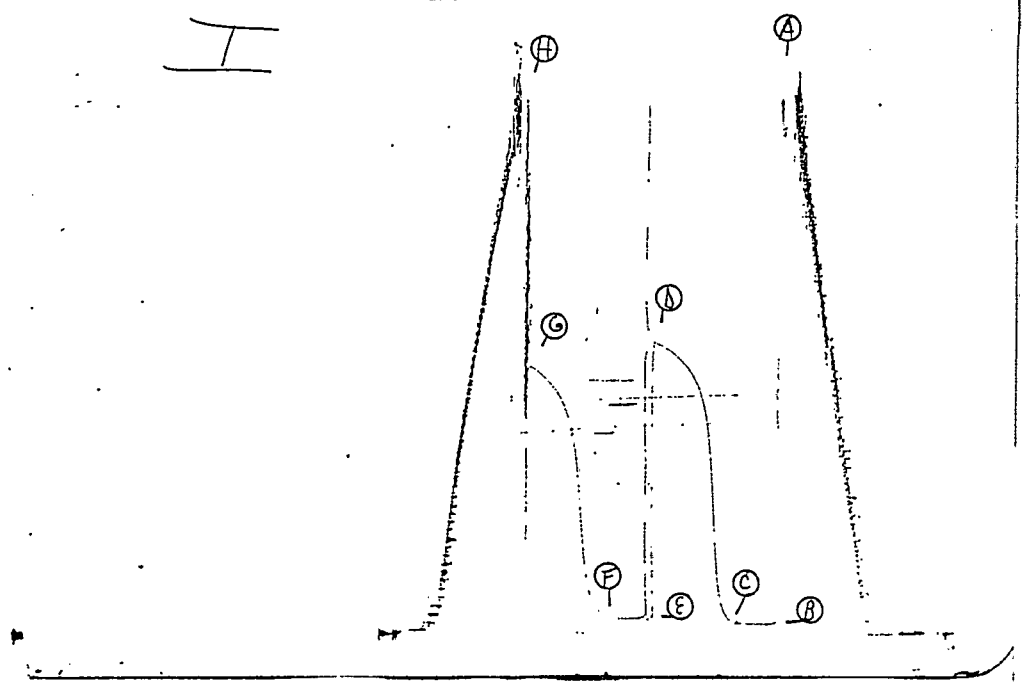
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1564

IKT # 13649

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Reach Petro
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This is an actual photograph of recorder chart.

POINT		PRESSURE Field Reading	Office Reading	
(A)	Initial Hydrostatic Mud	2152	2037	PSI
(B)	First Initial Flow Pressure	38	36	PSI
(C)	First Final Flow Pressure	38	39	PSI
(D)	Initial Closed-in Pressure	1156	1162	PSI
(E)	Second Initial Flow Pressure	54	56	PSI
(F)	Second Final Flow Pressure	62	61	PSI
(G)	Final Closed-in Pressure	1061	1067	PSI
(H)	Final Hydrostatic Mud	2040	2037	PSI

COMPANY REACH PETROLEUM MANAGEMENT, INC. LEASE AND WELL NO. HONAS "B" #5 SEC. 28 TWP. 11S RGE. 22W TEST NO. 4 DATE 3/17/82

WESTERN TESTING CO., INC.

Pressure Data

Date 3/17/82 Test Ticket No. 13649

Recorder No. 1564 Capacity 3150 Location 3907 Ft.

Clock No. -- Elevation 2301 Kelly Bushing Well Temperature 117 °F

Point		Pressure	
A	Initial Hydrostatic Mud	2037	P.S.I.
B	First Initial Flow Pressure	36	P.S.I.
C	First Final Flow Pressure	39	P.S.I.
D	Initial Closed-in Pressure	1162	P.S.I.
E	Second Initial Flow Pressure	56	P.S.I.
F	Second Final Flow Pressure	61	P.S.I.
G	Final Closed-in Pressure	1067	P.S.I.
H	Final Hydrostatic Mud	2037	P.S.I.

	Time Given	Time Computed
Open Tool	12:10A	M
First Flow Pressure	30 Mins.	30 Mins.
Initial Closed-in Pressure	60 Mins.	60 Mins.
Second Flow Pressure	30 Mins.	30 Mins.
Final Closed-in Pressure	60 Mins.	60 Mins.

PRESSURE BREAKDOWN

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

Point	Mins.	Press.
P 1	0	36
P 2	5	36
P 3	10	36
P 4	15	37
P 5	20	38
P 6	25	39
P 7	30	39
P 8		
P 9		
P10		
P11		
P12		
P13		
P14		
P15		
P16		
P17		
P18		
P19		
P20		

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

Point	Minutes	Press.
	0	39
	3	45
	6	59
	9	84
	12	138
	15	289
	18	651
	21	854
	24	925
	27	978
	30	1013
	33	1043
	36	1067
	39	1084
	42	1101
	45	1117
	48	1130
	51	1140
	54	1150
	57	1157
	60	1162

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

Point	Minutes	Press.
	0	56
	5	56 Flushed tool
	10	62
	15	60
	20	60
	25	61
	30	61

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

Point	Minutes	Press.
	0	61
	3	64
	6	72
	9	88
	12	113
	15	151
	18	222
	21	400
	24	645
	27	770
	30	842
	33	892
	36	931
	39	961
	42	981
	45	1002
	48	1021
	51	1035
	54	1051
	57	1061
	60	1067

Home Office: Wichita, Kansas 67201

P.O. Box 1599 (316) 262-5861

Company Reach Petroleum Management, Inc. Lease & Well No. Honas "B" #5

Elevation 2301 Kelly Bushing Formation Arbuckle Effective Pay - Ft. Ticket No. 13650

Date 3/ 18/82 Sec. 28 Twp. 11S Range 22W County Trego State Kansas

Test Approved by Paul Laird Western Representative SteveEisenhour

Formation Test No. 5 Interval Tested from 3974 ft. to 3988 ft. Total Depth 3988 ft.

Packer Depth 3969 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 3974 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 3979 ft. Recorder Number 1564 Cap. 3150

Bottom Recorder Depth (Outside) 3982 ft. Recorder Number 4331 Cap. 4150

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

Drilling Contractor Reach Drlg. Rig #1 Drill Collar Length 187 I. D. 2.2 in.

Mud Type starch Viscosity 53.5 Weight Pipe Length - I. D. - in.

Weight 9.8 Water Loss 8 cc. Drill Pipe Length 3767 I. D. 3.8 in.

Chlorides 34,000 P.P.M. Test Tool Length 20 ft. Tool Size 5½OD in.

Jars: Make No Serial Number - Anchor Length 14 ft. Size 5½OD 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 4½XH in.

Blow: Initial flow period weak blow decreasing. Final flow period very weak blow for eight minutes and died.

Recovered 61 ft. of 80% mud;16% oil;3% gas;1% water

Recovered ft. of

Recovered ft. of Chlorides 41,000 ppm

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 9:10 ~~A.M.~~ P.M. Time Started Off Bottom 12:10 A.M. ~~P.M.~~ Maximum Temperature 118°

Initial Hydrostatic Pressure			(A) 2105	P.S.I.		
Initial Flow Period	Minutes 30	(B) 31	P.S.I. to	(C) 34	P.S.I.	
Initial Closed In Period	Minutes 60	(D) 807	P.S.I.			
Final Flow Period	Minutes 30	(E) 47	P.S.I. to	(F) 48	P.S.I.	
Final Closed In Period	Minutes 60	(G) 561	P.S.I.			
Final Hydrostatic Pressure			(H) 2082	P.S.I.		

WTC-

WESTERN TESTING CO., INC.
Pressure Data

Date 3/18/82 Test Ticket No. 13650

Recorder No. 1564 Capacity 3150 Location 3979 Ft.

Clock No. — Elevation 2301 Kelly Bushing Well Temperature 118 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2105 P.S.I.	Open Tool	9:10P M	
B First Initial Flow Pressure	31 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	34 P.S.I.	Initial Closed-in Pressure	60 Mins.	60 Mins.
D Initial Closed-in Pressure	807 P.S.I.	Second Flow Pressure	30 Mins.	30 Mins.
E Second Initial Flow Pressure	47 P.S.I.	Final Closed-in Pressure	60 Mins.	60 Mins.
F Second Final Flow Pressure	48 P.S.I.			
G Final Closed-in Pressure	561 P.S.I.			
H Final Hydrostatic Mud	2082 P.S.I.			

PRESSURE BREAKDOWN

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

Point	Mins.	Press.
P 1	0	31
P 2	5	31
P 3	10	32
P 4	15	32
P 5	20	33
P 6	25	34
P 7	30	34
P 8		
P 9		
P10		
P11		
P12		
P13		
P14		
P15		
P16		
P17		
P18		
P19		
P20		

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

Point	Minutes	Press.
0		34
3		36
6		41
9		49
12		61
15		75
18		89
21		103
24		123
27		146
30		177
33		221
36		285
39		369
42		466
45		550
48		626
51		686
54		734
57		775
60		807

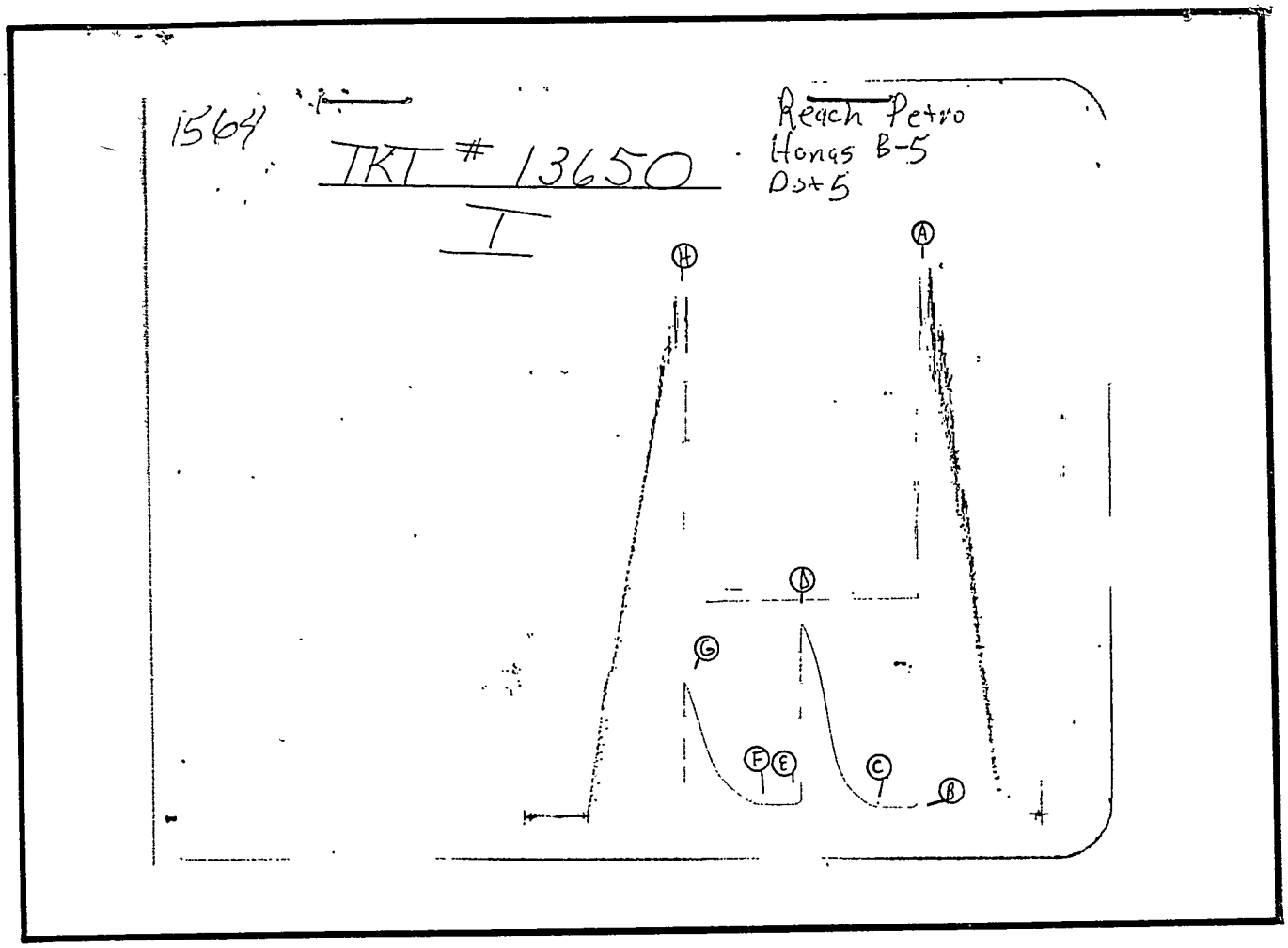
Second Flow Pressure
Breakdown: 6 Inc. of 5 mins. and a final inc. of 0 Min.

Point	Minutes	Press.
0		47
5		47
10		47
15		47
20		47
25		48
30		48

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

Point	Minutes	Press.
0		48
3		49
6		53
9		58
12		67
15		78
18		89
21		100
24		114
27		128
30		145
33		164
36		186
39		217
42		254
45		299
48		355
51		410
54		466
57		512
60		561

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This is an actual photograph of recorder chart.

POINT		PRESSURE Field Reading	Office Reading	
(A)	Initial Hydrostatic Mud	2144	2105	PSI
(B)	First Initial Flow Pressure	31	31	PSI
(C)	First Final Flow Pressure	31	34	PSI
(D)	Initial Closed-in Pressure	802	807	PSI
(E)	Second Initial Flow Pressure	46	47	PSI
(F)	Second Final Flow Pressure	46	48	PSI
(G)	Final Closed-in Pressure	553	561	PSI
(H)	Final Hydrostatic Mud	2088	2082	PSI

COMPANY REACH PETROLEUM MANAGEMENT, INC.
LEASE AND WELL NO. HONAS "B" #5
SEC. 28 TWP. 11S RGE. 22W TEST NO. 5 DATE 5/ 15/82