WESTERN TESTING CO., INC.
FORMATION TESTING

OK

TICKET № 18291

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

Elevation _____ Formation Miss Eff. Pay — Ft.

District Pratt Date 1/20/83 Customer Order No. —

COMPANY NAME Reach Petroleum Corp. Management Inc.

ADDRESS 3751 E. Douglas Wichita, KS 67218

LEASE AND WELL NO. Lambert #1 COUNTY Barber STATE Ks Sec. 4 Twp. 30 Rge. 13W

#1 LAMBERT

Mail Invoice To Same Co. Name Address No. Copies Requested 5

Mail Charts To Same Address No. Copies Requested 5

Formation Test No. 1 Interval Tested From 4348 ft. to 4460 ft. Total Depth 4460 ft.

Packer Depth 4343 ft. Size 6 3/8 in. Packer Depth — ft. Size — in.

Packer Depth 4348 ft. Size 6 3/8 in. Packer Depth — ft. Size — in.

Depth of Selective Zone Set —

Top Recorder Depth (Inside) 4355 ft. Recorder Number 13547 Cap. 4,225

Bottom Recorder Depth (Outside) 4358 ft. Recorder Number 13552 Cap. 4050

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

Drilling Contractor Reach Drlg Rig #1

Mud Type Chemical Viscosity 46

Weight 8.6 Water Loss 12.8 cc.

Chlorides 11,000 P.P.M.

Jars: Make WTC Serial Number 410

Did Well Flow? No Reversed Out No

Drill Collar Length 120 I. D. 2¼ in.

Weight Pipe Length — I. D. — in.

Drill Pipe Length 4199 I. D. 3.8 in.

Test Tool Length 29 ft. Tool Size 5½ OD in.

Anchor Length 112 3/4 ft. Size 5½ OD in.

Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.

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

Blow: Weak increased to strong blow on first flow period
Strong blow throughout second flow period

Recovered 600 ft. of Gas in Pipe

Recovered 30 ft. of Gas Cut Mud (Few specks of oil)

Recovered 120 ft. of Oil & Gas Cut Mud (20% oil)

Recovered ____ ft. of

Recovered ____ ft. of

Remarks: Tite Hole

RECEIVED JAN 24 1983

Time On Location	7:00 ~~A.M.~~ P.M.	Time Pick Up Tool	8:00 ~~A.M.~~ P.M.	Time Off Location	5:30 A.M. ~~P.M.~~
Time Set Packer(s)	11:20 ~~A.M.~~ P.M.	Time Started Off Bottom	2:20 A.M. ~~P.M.~~	Maximum Temperature	122°

Initial Hydrostatic Pressure		(A)	2040	P.S.I.	
Initial Flow Period	Minutes 30	(B)	63	P.S.I. to (C)	63 P.S.I.
Initial Closed In Period	Minutes 60	(D)	1021	P.S.I.	
Final Flow Period	Minutes 30	(E)	84	P.S.I. to (F)	84 P.S.I.
Final Closed In Period	Minutes 60	(G)	679	P.S.I.	
Final Hydrostatic Pressure		(H)	2019	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 Guy Dossinghoff
Signature of Customer or his authorized representative

Western Representative Jim Wondra Thank You

FIELD INVOICE

Open Hole Test	$ 675.00
Misrun	$
Straddle Test	$
Jars	$ 300.00
Selective Zone	$
Safety Joint	$ 65.00
Standby	$
Evaluation	$
Extra Packer	$
Circ. Sub.	$
Mileage	$
Fluid Sampler	$
Extra Charts	$
Insurance	$ 50.00
Telecopier	$
TOTAL	$ 1090.00

WESTERN TESTING CO., INC.

Pressure Data

Date 1-20 Test Ticket No. 18291

Recorder No. 13547 Capacity 4225 Location 4353 Ft.

Clock No. — — — — Elevation _____ Well Temperature 122 °F

Point		Pressure		Time Given	Time Computed
A	Initial Hydrostatic Mud	2040 P.S.I.	Open Tool	11:20 PM	
B	First Initial Flow Pressure	76 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C	First Final Flow Pressure	86 P.S.I.	Initial Closed-in Pressure	60 Mins.	60 Mins.
D	Initial Closed-in Pressure	1018 P.S.I.	Second Flow Pressure	30 Mins.	30 Mins.
E	Second Initial Flow Pressure	95 P.S.I.	Final Closed-in Pressure	60 Mins.	60 Mins.
F	Second Final Flow Pressure	102 P.S.I.			
G	Final Closed-in Pressure	671 P.S.I.			
H	Final Hydrostatic Mud	2000 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	76
P 2	5	76
P 3	10	78
P 4	15	81
P 5	20	83
P 6	25	85
P 7	30	86
P 8	35	
P 9	40	
P10	45	
P11	50	
P12	55	
P13	60	
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	86
	3	128
	6	169
	9	209
	12	249
	15	294
	18	338
	21	388
	24	430
	27	483
	30	535
	33	592
	36	642
	39	692
	42	750
	45	803
	48	855
	51	906
	54	956
	57	1003
	60	1018

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

Point	Minutes	Press.
	0	95
	5	95
	10	96
	15	97
	20	98
	25	100
	30	102
	35	
	40	
	45	
	50	
	55	
	60	
	65	
	70	
	75	
	80	
	85	
	90	

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

Point	Minutes	Press.
	0	102
	3	123
	6	145
	9	172
	12	197
	15	224
	18	249
	21	277
	24	303
	27	331
	30	360
	33	390
	36	424
	39	458
	42	493
	45	524
	48	561
	51	590
	54	623
	57	660
	60	671

IKT # 18291

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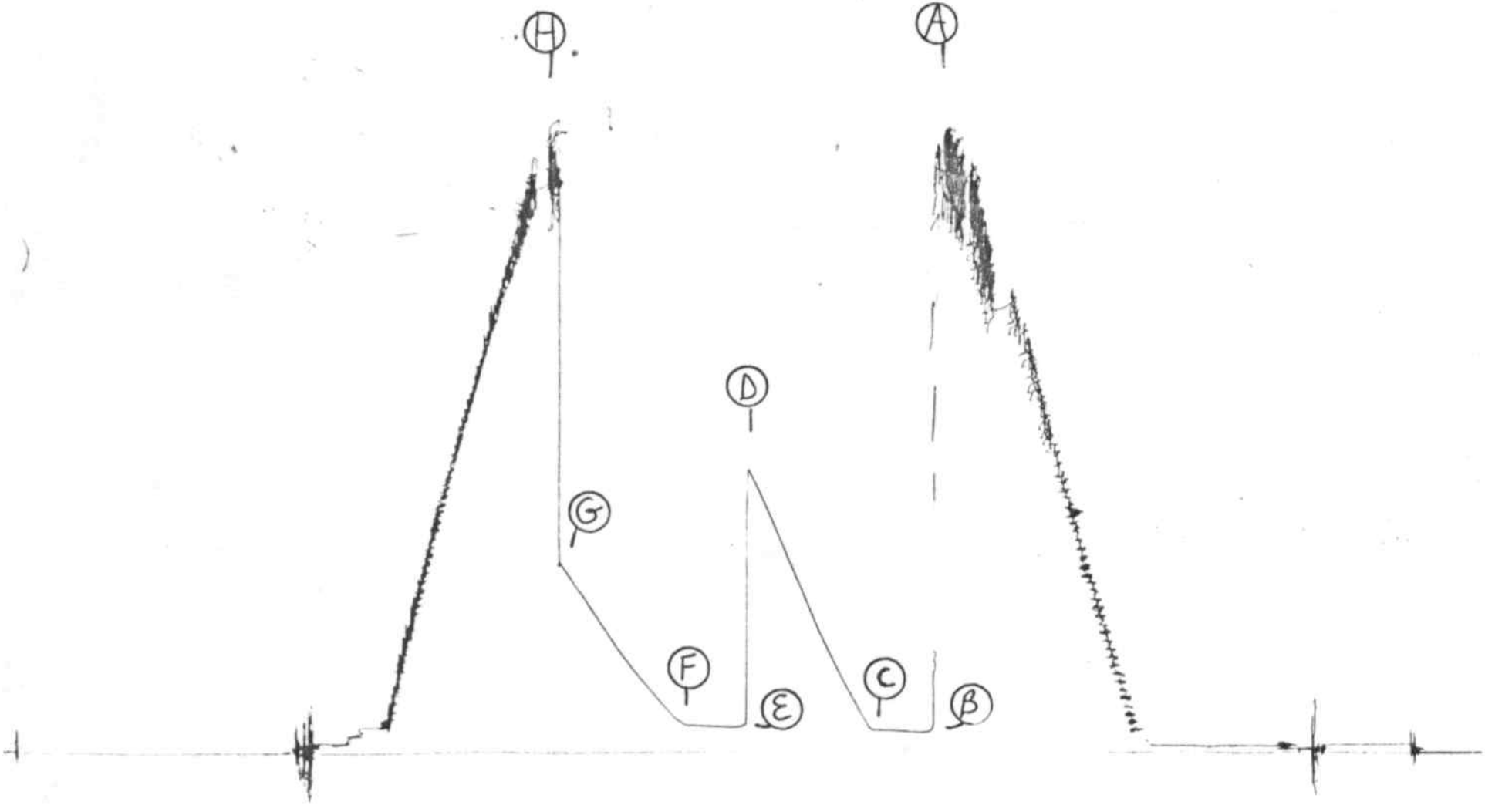

Company Reach Petroleum Management, Inc. Lease & Well No. #1 Lambert

Elevation --- Formation Mississippi Effective Pay --- Ft. Ticket No. 18291

Date 1/20/83 Sec. 4 Twp. 30S Range 13W County Barber State Kansas

Test Approved by Greg Issinghoff Western Representative Jim Wondra

Formation Test No. 1 Interval Tested from 4348 ft. to 4460 ft. Total Depth 4460 ft.

Packer Depth 4343 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.

Packer Depth 4348 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4355 ft. Recorder Number 13541 Cap. 4225

Bottom Recorder Depth (Outside) 4358 ft. Recorder Number 13552 Cap. 4050

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

Drilling Contractor Reach Drilling Rig #1 Drill Collar Length 120 I. D. 2¼ in.

Mud Type chemical Viscosity 46 Weight Pipe Length - I. D. - in.

Weight 8.6 Water Loss 12.8 cc. Drill Pipe Length 4199 I. D. 3.8 in.

Chlorides 11,000 P.P.M. Test Tool Length 29 ft. Tool Size 5½OD in.

Jars: Make WTC Serial Number 410 Anchor Length 112 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 4½FH in.

Blow: Weak increased to strong blow on initial flow period. Strong blow throughout final flow period.

Recovered 600 ft. of gas in pipe

Recovered 30 ft. of gas cut mud (few specks of oil)

Recovered 120 ft. of oil and gas cut mud (20% oil)

Recovered ft. of

Recovered ft. of

Remarks: TIGHT HOLE

Time Set Packer(s) 11:20 ~~A.M.~~ P.M. Time Started Off Bottom 2:20 ~~A.M.~~ P.M. Maximum Temperature 122°

Initial Hydrostatic Pressure			(A)	2040	P.S.I.	
Initial Flow Period	Minutes 30	(B)	76	P.S.I. to (C)	86	P.S.I.
Initial Closed In Period	Minutes 60	(D)	1018	P.S.I.		
Final Flow Period	Minutes 30	(E)	95	P.S.I. to (F)	102	P.S.I.
Final Closed In Period	Minutes 60	(G)	671	P.S.I.		
Final Hydrostatic Pressure			(H)	2000	P.S.I.	

WESTERN TESTING CO., INC.
Pressure Data

Date 1/20/83

Test Ticket No. 18291

Recorder No. 13547 Capacity 4225 Location 4355 Ft.

Clock No. --- Elevation ---- Well Temperature 122 °F

Point		Pressure			Time Given	Time Computed
A	Initial Hydrostatic Mud	2040 P.S.I.	Open Tool		11:20P M	
B	First Initial Flow Pressure	76 P.S.I.	First Flow Pressure		30 Mins.	30 Mins.
C	First Final Flow Pressure	86 P.S.I.	Initial Closed-in Pressure		60 Mins.	60 Mins.
D	Initial Closed-in Pressure	1018 P.S.I.	Second Flow Pressure		30 Mins.	30 Mins.
E	Second Initial Flow Pressure	95 P.S.I.	Final Closed-in Pressure		60 Mins.	60 Mins.
F	Second Final Flow Pressure	102 P.S.I.				
G	Final Closed-in Pressure	671 P.S.I.				
H	Final Hydrostatic Mud	2000 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	76
P 2 5	76
P 3 10	78
P 4 15	81
P 5 20	83
P 6 25	85
P 7 30	86
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	86
3	128
6	169
9	209
12	249
15	294
18	338
21	388
24	430
27	483
30	535
33	592
36	642
39	692
42	750
45	803
48	855
51	906
54	956
57	1003
60	1018

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

Point Minutes	Press.
0	95
5	95
10	96
15	97
20	98
25	100
30	102

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

Point Minutes	Press.
0	102
3	123
6	145
9	172
12	197
15	224
18	249
21	277
24	303
27	331
30	360
33	390
36	424
39	458
42	493
45	524
48	561
51	590
54	623
57	660
60	671

WESTERN TESTING CO., INC.
FORMATION TESTING

OK

TICKET Nº 18292

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

Elevation _____ Formation Simpson Sand Eff. Pay — Ft.

District Pratt Date 1/23/83 Customer Order No. —

COMPANY NAME Reach Petroleum ~~Corp~~ Management Inc.

ADDRESS 3751 E. Douglas Wichita, Ks 67218

LEASE AND WELL NO. Lambert #1 COUNTY Barber STATE Ks Sec. 4 Twp. 30 Rge. 13W

Mail Invoice To Same #1 LAMBERT No. Copies Requested 5
Co. Name Address

Mail Charts To Same No. Copies Requested 5
Address

Formation Test No. 2 Interval Tested From 4612 ft. to 4640 ft. Total Depth 4640 ft.

Packer Depth 4607 ft. Size 6 5/8 in. Packer Depth — ft. Size — in.

Packer Depth 4612 ft. Size 6 5/8 in. Packer Depth — ft. Size — in.

Depth of Selective Zone Set —

Top Recorder Depth (Inside) 4629 ft. Recorder Number 13547 Cap. 4225

Bottom Recorder Depth (Outside) 4632 ft. Recorder Number 13552 Cap. 4050

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

Drilling Contractor Reach Rig #1 Drill Collar Length 240 I. D. 2¼ in.

Mud Type Chemical Viscosity 46 Weight Pipe Length — I. D. — in.

Weight 8.6 Water Loss 7.6 cc. Drill Pipe Length 4343 I. D. 3.8 in.

Chlorides 3100 P.P.M. Test Tool Length 29 ft. Tool Size 5½OD in.

Jars: Make WSC Serial Number 410 Anchor Length 28 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 4½ FH in.

Blow: Weak blow throughout first flow period
No blow on second flow period

Recovered 60 ft. of Drlg Mud

Recovered ____ ft. of

Recovered ____ ft. of

Recovered ____ ft. of

Recovered ____ ft. of

Remarks:

RECEIVED
JAN 25 1983

Time On Location 7:00 A.M. ~~P.M.~~ Time Pick Up Tool 9:00 A.M. ~~P.M.~~ Time Off Location 5:30 ~~A.M.~~ P.M.

Time Set Packer(s) 11:45 A.M. ~~P.M.~~ Time Started Off Bottom 2:15 ~~A.M.~~ P.M. Maximum Temperature 124°

Initial Hydrostatic Pressure		(A)	2156	P.S.I.	
Initial Flow Period	Minutes 30	(B)	42	P.S.I. to (C)	42 P.S.I.
Initial Closed In Period	Minutes 60	(D)	1105	P.S.I.	
Final Flow Period	Minutes 60	(E)	63	P.S.I. to (F)	63 P.S.I.
Final Closed In Period	Minutes 60	(G)	1042	P.S.I.	
Final Hydrostatic Pressure		(H)	2135	P.S.I.	

COMPANY TERMS

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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 Greg Isinghoff
Signature of Customer or his authorized representative

Western Representative Jim Wondra Thank You

FIELD INVOICE

Open Hole Test	$ 675.00
Misrun	$
Straddle Test	$
Jars	$ 300.00
Selective Zone	$
Safety Joint	$ 65.00
Standby	$
Evaluation	$
Extra Packer	$
Circ. Sub.	$
Mileage	$
Fluid Sampler	$
Extra Charts	$
Insurance	$ 50.00
Telecopier	$
TOTAL	$ 1090.00

WESTERN TESTING CO., INC.

Pressure Data

Date 1-23 Test Ticket No. 18292

Recorder No. 13547 Capacity 4225 Location 4629 Ft

Clock No. — — — — Elevation ——— Well Temperature 124 °F

Point		Pressure	
A	Initial Hydrostatic Mud	2156	P.S.I.
B	First Initial Flow Pressure	44	P.S.I.
C	First Final Flow Pressure	46	P.S.I.
D	Initial Closed-in Pressure	1101	P.S.I.
E	Second Initial Flow Pressure	55	P.S.I.
F	Second Final Flow Pressure	63	P.S.I.
G	Final Closed-in Pressure	1038	P.S.I.
H	Final Hydrostatic Mud	2156	P.S.I.

	Time Given	Time Computed
Open Tool	11:45 AM	
First Flow Pressure	30 Mins.	30 Mins
Initial Closed-in Pressure	60 Mins.	60 Mins
Second Flow Pressure	60 Mins.	60 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	44
P 2	5	44
P 3	10	44
P 4	15	44
P 5	20	44
P 6	25	45
P 7	30	46
P 8	35	
P 9	40	
P10	45	
P11	50	
P12	55	
P13	60	
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	46
3	59
6	107
9	290
12	620
15	816
18	919
21	974
24	1010
27	1032
30	1048
33	1060
36	1069
39	1075
42	1082
45	1086
48	1091
51	1095
54	1097
57	1099
60	1101

Second Flow Pressure
Breakdown: 12 Inc.
of 5 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	55
5	[illegible]
10	[illegible]
15	55
20	56
25	57
30	59
35	60
40	61
45	62
50	63
55	63
60	63
65	
70	
75	
80	
85	
90	

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

Point Minutes	Press.
0	63
3	82
6	105
9	153
12	246
15	396
18	588
21	739
24	838
27	897
30	940
33	964
36	983
39	997
42	1008
45	1017
48	1024
51	1029
54	1033
57	1036
60	1038

TKT #-18292

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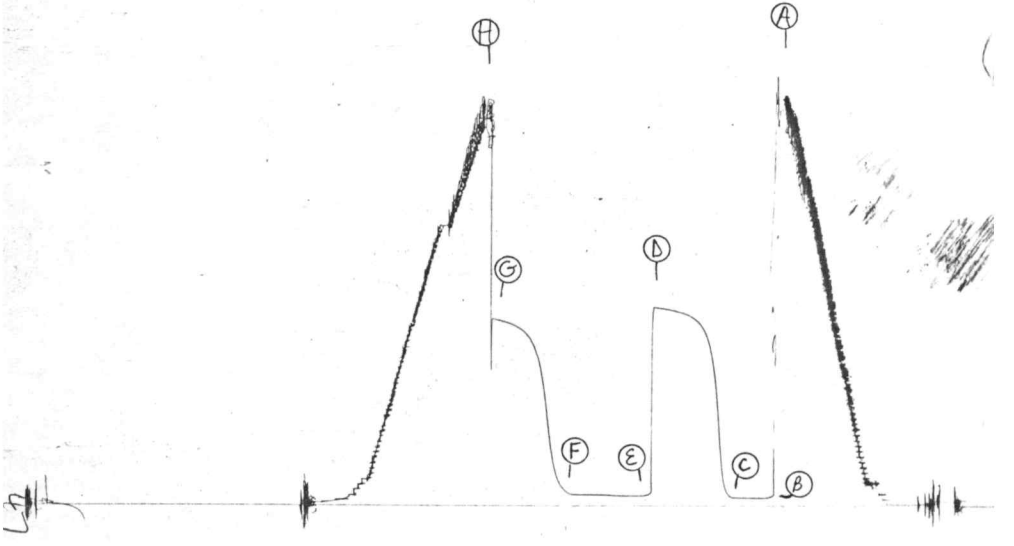

Company Reach Petroleum Management, Inc. Lease & Well No. #1 Lambert

Elevation ---- Formation Simpson Sand Effective Pay -- Ft. Ticket No. 18292

Date 1/23/83 Sec. 4 Twp. 30S Range 13W County Barber State Kansas

Test Approved by Greg Issinghoff Western Representative Jim Wondra

Formation Test No. 2 Interval Tested from 4612 ft. to 4640 ft. Total Depth 4640 ft.

Packer Depth 4607 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.

Packer Depth 4612 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4629 ft. Recorder Number 13547 Cap. 4225

Bottom Recorder Depth (Outside) 4632 ft. Recorder Number 13552 Cap. 4050

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

Drilling Contractor REach Drilling Rig #1 Drill Collar Length 240 I. D. 2¼ in.

Mud Type chemical Viscosity 46 Weight Pipe Length - I. D. - in.

Weight 8.6 Water Loss 7.6 cc. Drill Pipe Length 4343 I. D. 3.8 in.

Chlorides 3,100 P.P.M. Test Tool Length 29 ft. Tool Size 5½OD in.

Jars: Make WTC Serial Number 410 Anchor Length 28 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 4½FH in.

Blow: Weak blow throughout initial flow period. No blow on final flow period.

Recovered 60 ft. of drilling mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 11:45 ~~P.M.~~ A.M. Time Started Off Bottom 2:15 ~~A.M.~~ P.M. Maximum Temperature 124°

Initial Hydrostatic Pressure (A) 2156 P.S.I.

Initial Flow Period Minutes 30 (B) 44 P.S.I. to (C) 46 P.S.I.

Initial Closed In Period Minutes 60 (D) 1101 P.S.I.

Final Flow Period Minutes 60 (E) 55 P.S.I. to (F) 63 P.S.I.

Final Closed In Period Minutes 60 (G) 1038 P.S.I.

Final Hydrostatic Pressure (H) 2156 P.S.I.

WESTERN TESTING CO., INC.
Pressure Data

Date 1/23/83 Test Ticket No. 18292

Recorder No. 13547 Capacity 4225 Location 4629 Ft.

Clock No. -- Elevation --- Well Temperature 124 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2156 P.S.I.	Open Tool	11:45A M	
B First Initial Flow Pressure	44 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	46 P.S.I.	Initial Closed-in Pressure	60 Mins.	60 Mins.
D Initial Closed-in Pressure	1101 P.S.I.	Second Flow Pressure	60 Mins.	60 Mins.
E Second Initial Flow Pressure	55 P.S.I.	Final Closed-in Pressure	60 Mins.	60 Mins.
F Second Final Flow Pressure	63 P.S.I.			
G Final Closed-in Pressure	1038 P.S.I.			
H Final Hydrostatic Mud	2156 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	44
P 2 5	44
P 3 10	44
P 4 15	44
P 5 20	44
P 6 25	45
P 7 30	46
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	46
3	59
6	107
9	290
12	620
15	816
18	919
21	974
24	1010
27	1032
30	1048
33	1060
36	1069
39	1075
42	1082
45	1086
48	1091
51	1095
54	1097
57	1099
60	1101

Second Flow Pressure
Breakdown: 12 Inc.
of 5 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	55
5	55
10	55
15	55
20	56
25	58
30	59
35	60
40	61
45	62
50	63
55	63
60	63

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

Point Minutes	Press.
0	63
3	82
6	105
9	153
12	246
15	396
18	588
21	739
24	838
27	897
30	940
33	964
36	983
39	997
42	1008
45	1017
48	1024
51	1029
54	1033
57	1036
60	1038