WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET No. 8039

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

Elevation 1365 Formation Kansas City Eff. Pay Ft.

District Augusta Date 1-21-81 Customer Order No.

COMPANY NAME Cougar Petroleum (Doug McInnes)

ADDRESS 1675 Broadway, Suite 1770 (Rm 1760 per Doug) Denver Colo 80202

LEASE AND WELL NO. Hartman #2-29 COUNTY Sumner STATE Ks Sec. 29 Twp. 30S Rge. 3W

Mail Invoice To 1675 Broadway Suite 1770 Denver No. Copies Requested 1
Co. Name, Address

Mail Charts To Address No. Copies Requested 5

Formation Test No. 1 Interval Tested from 3390 ft. to 3407 ft. Total Depth 3407 ft.

Packer Depth 3390 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Packer Depth 3385 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 3395 ft. Recorder Number 2605 Cap. 4150

Bottom Recorder Depth (Outside) 3399 ft. Recorder Number 1560 Cap. 4500

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

Drilling Contractor Chase #15 Drill Collar Length 360 I. D. in.

Mud Type Starch Viscosity 52 Weight Pipe Length I. D. in.

Weight 9.2 Water Loss 31.4 cc. Drill Pipe Length 3005 I. D. in.

Chlorides 12500 P.P.M. Test Tool Length 25 ft. Tool Size 5 1/2 in.

Jars: Make WTC Serial Number 402 Anchor Length 17 ft. Size 5 1/2 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 XH in.

Blow: Weak building to fair (Initial) flow, weak throughout second flow (Final flow period)

Recovered 120 ft. of gas in pipe

Recovered 60 ft. of Very slightly Oil + Gas Cut Drilling mud

Recovered 300 ft. of Very slightly Oil & Gas Cut muddy salt water

Recovered ft. of

Recovered ft. of

Remarks:

Time On Location A.M. P.M. Time Pick Up Tool A.M. P.M. Time Off Location A.M. P.M.

Time Set Packer(s) 8:00 A.M. P.M. Time Started Off Bottom 11:00 A.M. P.M. Maximum Temperature

Initial Hydrostatic Pressure		(A)	1535	P.S.I.	
Initial Flow Period	Minutes 30	(B)	63	P.S.I. to (C)	124 P.S.I.
Initial Closed In Period	Minutes 30	(D)	642	P.S.I.	
Final Flow Period	Minutes 60	(E)	179	P.S.I. to (F)	222 P.S.I.
Final Closed In Period	Minutes 60	(G)	756	P.S.I.	
Final Hydrostatic Pressure		(H)	1535	P.S.I.	

COMPANY TERMS

Western Testing Co., Inc. shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained directly or indirectly through the use of its equipment, of its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid at cost by the party for whom the test is made.

All charges subject to 12% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By [signature]
Signature of Customer or his authorized representative

Western Representative Kenny Kirkendall

FIELD INVOICE

Open Hole Test	$	625.00
Misrun	$	
Straddle Test	$	
Jars	$	300.00
Selective Zone	$	
Safety Joint	$	65.00
Standby	$	
Evaluation	$	
Extra Packer	$	
Circ. Sub.	$	
60 Mileage	$	45.00
Fluid Sampler	$	
Extra Charts	$	
Insurance	$	
TOTAL	$	1035.00

WESTERN TESTING CO., INC.
Pressure Data

Date 1-21 Test Ticket No. 8039

Recorder No. 2605 Capacity 4150 Location 3395 Ft.

Clock No. — Elevation 1365 Well Temperature — °F

Point		Pressure			Time Given	Time Computed
A	Initial Hydrostatic Mud	1542 P.S.I.		Open Tool	8:00 AM	
B	First Initial Flow Pressure	78 P.S.I.		First Flow Pressure	30 Mins.	35 Mins.
C	First Final Flow Pressure	125 P.S.I.		Initial Closed-in Pressure	30 Mins.	30 Mins.
D	Initial Closed-in Pressure	645 P.S.I.		Second Flow Pressure	60 Mins.	60 Mins.
E	Second Initial Flow Pressure	199 P.S.I.		Final Closed-in Pressure	60 Mins.	63 Mins.
F	Second Final Flow Pressure	228 P.S.I.				
G	Final Closed-in Pressure	757 P.S.I.				
H	Final Hydrostatic Mud	1542 P.S.I.				

PRESSURE BREAKDOWN

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

Point Mins.	Press.
P 1 0	78
P 2 5	76
P 3 10	78
P 4 15	91
P 5 20	104
P 6 25	112
P 7 30	118
P 8 35	125
P 9 40	
P10 45	
P11 50	
P12 55	
P13 60	
P14	
P15	
P16	
P17	
P18	
P19	
P20	

Initial Shut-In
Breakdown: 6 Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	Picked up tool too high
3	343
6	388
9	434
12	466
15	502
18	537
21	572
24	610
27	628
30	645
33	
36	
39	
42	
45	
48	
51	
54	
57	
60	

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

Point Minutes	Press.
0	199
5	193
10	193
15	197
20	205
25	212
30	215
35	217
40	220
45	224
50	227
55	227
60	228
65	
70	
75	
80	
85	
90	

Final Shut-In
Breakdown: 21 Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	228
3	307
6	358
9	392
12	428
15	455
18	479
21	504
24	529
27	550
30	570
33	589
36	606
39	624
42	647
45	664
48	680
51	699
54	711
57	728
60	742
63	757

WTC - 4

TKT # 8039 2605

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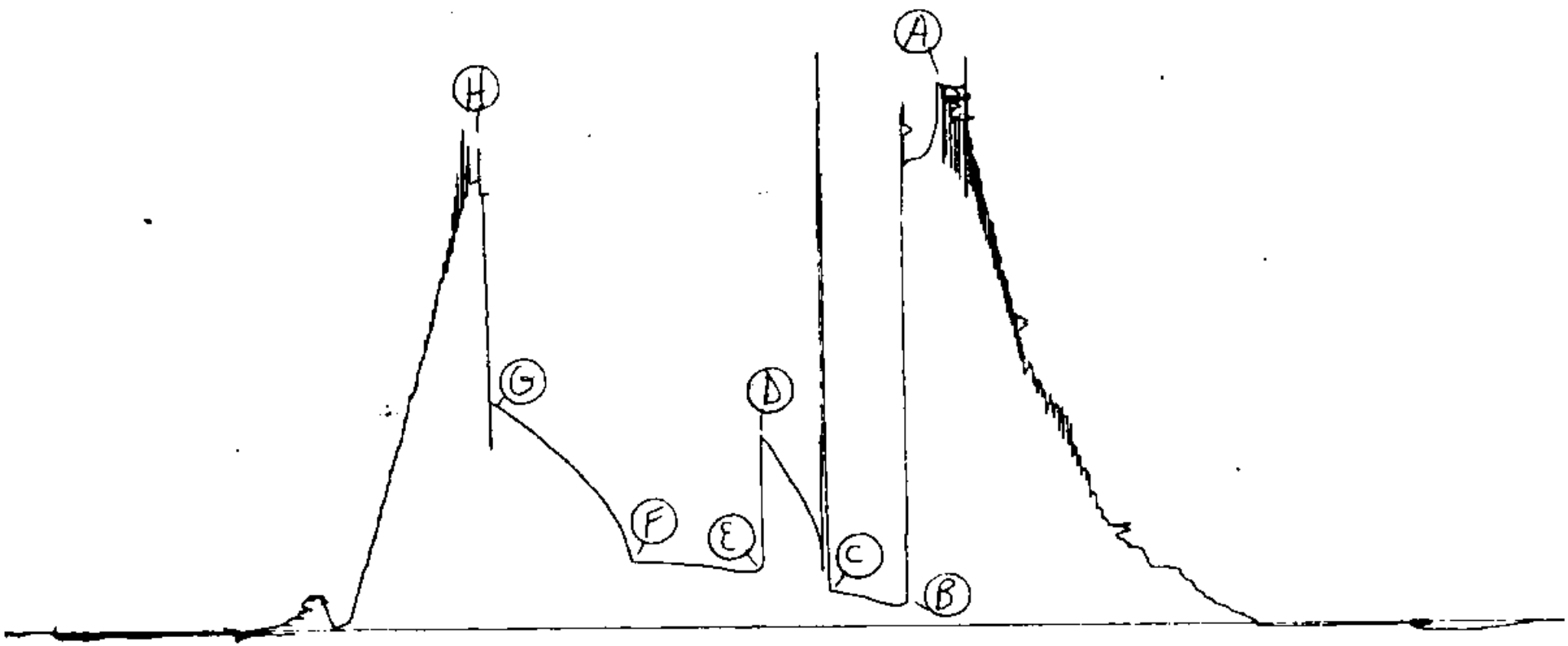

Company Cougar Petroleum Lease & Well No. Hartman #2-29

Elevation 1365 Kelly Bushing Formation Kansas City Effective Pay --- Ft. Ticket No. 8039

Date 1/21/81 Sec. 29 Twp. 30S Range 3W County Sumner State Kansas

Test Approved by Douglas H. McGinness II Western Representative Kenny Kirkendall

Formation Test No. 1 Interval Tested from 3390 ft. to 3407 ft. Total Depth 3407 ft.

Packer Depth 3390 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 3385 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 3395 ft. Recorder Number 2605 Cap. 4150

Bottom Recorder Depth (Outside) 3399 ft. Recorder Number 1560 Cap. 4500

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

Drilling Contractor Chase Drilling Rig #15 Drill Collar Length 360 I. D. - in.

Mud Type starch Viscosity 52 Weight Pipe Length - I. D. - in.

Weight 92 Water Loss 31.6 cc. Drill Pipe Length 3005 I. D. in.

Chlorides 12,500 P.P.M. Test Tool Length 25 ft. Tool Size 5½ in.

Jars: Make WTC Serial Number 402 Anchor Length 17 ft. Size 5½ 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: Weak building to fair initial flow peirod; weak throughout final flow period.

Recovered 120 ft. of gas in pipe

Recovered 60 ft. of very slightly oil and gas cut drilling mud

Recovered 300 ft. of very slightly oil and gas cut muddy salt water

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 18:00 A.M. P.M. Time Started Off Bottom 11:00 A.M. P.M. Maximum Temperature ?

Initial Hydrostatic Pressure			(A) 1542	P.S.I.		
Initial Flow Period	Minutes 35	(B) 78	P.S.I. to	(C) 125	P.S.I.	
Initial Closed In Period	Minutes 30	(D) 645	P.S.I.			
Final Flow Period	Minutes 60	(E) 199	P.S.I. to	(F) 228	P.S.I.	
Final Closed In Period	Minutes 63	(G) 757	P.S.I.			
Final Hydrostatic Pressure			(H) 1542	P.S.I.		

WESTERN TESTING CO., INC.

Pressure Data

Date 1/21/81 Test Ticket No. 8039

Recorder No. 2605 Capacity 4150 Location 3395 Ft.

Clock No. - Elevation 1365 Kelly Bushing Well Temperature - °F

Point		Pressure			Time Given	Time Computed
A	Initial Hydrostatic Mud	1542 P.S.I.		Open Tool	8:00A M.	
B	First Initial Flow Pressure	78 P.S.I.		First Flow Pressure	30 Mins.	35 Mins.
C	First Final Flow Pressure	125 P.S.I.		Initial Closed-in Pressure	30 Mins.	30 Mins.
D	Initial Closed-in Pressure	645 P.S.I.		Second Flow Pressure	60 Mins.	60 Mins.
E	Second Initial Flow Pressure	199 P.S.I.		Final Closed-in Pressure	60 Mins.	63 Mins.
F	Second Final Flow Pressure	228 P.S.I.				
G	Final Closed-in Pressure	757 P.S.I.				
H	Final Hydrostatic Mud	1542 P.S.I.				

PRESSURE BREAKDOWN

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

Initial Shut-In
Breakdown: 6 Inc. of 3 mins. and a final inc. of 0 Min.

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

Final Shut-In
Breakdown: 21 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	78	0 PICKED UP TOOL TOO		0	199	0	228
P 2 5	76	3	343 HIGH	5	193	3	307
P 3 10	78	6	388	10	193	6	358
P 4 15	91	9	434	15	197	9	392
P 5 20	104	12	466	20	205	12	428
P 6 25	112	15	502	25	212	15	455
P 7 30	118	18	537	30	215	18	479
P 8 35	125	21	572	35	217	21	504
P 9		24	610	40	220	24	529
P10		27	628	45	224	27	550
P11		30	645	50	227	30	570
P12				55	227	33	589
P13				60	228	36	606
P14						39	624
P15						42	647
P16						45	664
P17						48	680
P18						51	699
P19						54	711
P20						57	728
						60	742
						63	757

WTC - 4

WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET No. Office Copy 9186

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

Elevation _____ Formation Simpson Eff. Pay _____ Ft.

District Pratt Date 1-25-81 Customer Order No. _____

COMPANY NAME Cougar Petroleum Corp.

ADDRESS 1675 Broadway Suite 1760 Denver, Colo. 80202

LEASE AND WELL NO. Hartman #2-29 COUNTY Sumner STATE Ks. Sec. 29 Twp. 30S. Rge. 3W

Mail Invoice To Same (Co. Name) Address No. Copies Requested 4

Mail Charts To Same Address No. Copies Requested 4

Formation Test No. 2 Interval Tested from 4215 ft. to 4305 ft. Total Depth 4305 ft.

Packer Depth 4210 ft. Size 6¾ in. Packer Depth _____ ft. Size _____ in.

Packer Depth 4215 ft. Size 6¾ in. Packer Depth _____ ft. Size _____ in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4229 ft. Recorder Number 2604 Cap. 4150

Bottom Recorder Depth (Outside) 4235 ft. Recorder Number 6246 Cap. 5200

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

Drilling Contractor Chase Drlg. #15 Drill Collar Length 360 I. D. 2.2 in.

Mud Type DRISPAC Viscosity 58 Weight Pipe Length _____ I. D. _____ in.

Weight 9.1 Water Loss 9.2 cc. Drill Pipe Length 3826 I. D. 3.8 in.

Chlorides 11,500 P.P.M. Test Tool Length 29 ft. Tool Size 5½ O.D. in.

Jars: Make WTC Serial Number 408 Anchor Length 61 DC + 29 ft. Size 5½ O.D. in.

Did Well Flow? No Reversed Out No Surface Choke Size ¾ in. Bottom Choke Size ¾ in.

Main Hole Size 7⅞ in. Tool Joint Size 4½ XH in.

Blow: Weak - dead 20 min. Initial Flow period - No Blow Final Flow period

Recovered 350 ft. of Drlg mud

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: Left pink copy with Co-man - Blue w/ Geo.

Time On Location 1:00 A.M. Time Pick Up Tool 7:00 A.M. Time Off Location 6:00 A.M.

Time Set Packer(s) 9:40 A.M. Time Started Off Bottom 12:40 A.M. Maximum Temperature 136

Initial Hydrostatic Pressure			(A)	2031	P.S.I.	
Initial Flow Period	Minutes	30	(B)	127	P.S.I. to (C)	117 P.S.I.
Initial Closed In Period	Minutes	30	(D)	1223	P.S.I.	
Final Flow Period	Minutes	60	(E)	149	P.S.I. to (F)	149 P.S.I.
Final Closed In Period	Minutes	60	(G)	1213	P.S.I.	
Final Hydrostatic Pressure			(H)	2031	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 R. E. McKellips
Signature of Customer or his authorized representative

Western Representative Dave Moore

Thank you!

FIELD INVOICE

Open Hole Test	$	700.00
Misrun	$	
Straddle Test	$	
Jars	$	300.00
Selective Zone	$	
Safety Joint	$	65.00
Standby 4 HRS.	$	
Evaluation	$	
Extra Packer	$	
Circ. Sub.	$	
Mileage 85	$	63.75
Fluid Sampler	$	
Extra Charts	$	
Insurance	$	
TOTAL	$	1128.75

WESTERN TESTING CO., INC.
Pressure Data

9186

Date 1-28 85 — Test Ticket No. [redacted]

Recorder No. [redacted] 2604 — Capacity [redacted] 4150 — Location 4229 [redacted] Ft.

Clock No. ____ — Elevation [redacted] — Well Temperature 136 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2046 P.S.I.	Open Tool	9.40 [redacted] AM	
B First Initial Flow Pressure	132 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	126 P.S.I.	Initial Closed-in Pressure	30 Mins.	33 Mins.
D Initial Closed-in Pressure	1231 P.S.I.	Second Flow Pressure	60 Mins.	65 Mins.
E Second Initial Flow Pressure	175 P.S.I.	Final Closed-in Pressure	60 Mins.	114 Mins.
F Second Final Flow Pressure	167 P.S.I.			
G Final Closed-in Pressure	1234 P.S.I.			
H Final Hydrostatic Mud	2032 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	132
P 2 5	128
P 3 10	127
P 4 15	126
P 5 20	(
P 6 25	)
P 7 30	126
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: 11 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	126
3	331
6	533
9	705
12	841
15	950
18	1027
21	1086
24	1138
27	1171
30	1201
33	1231
36	
39	
42	
45	
48	
51	
54	
57	
60	

Second Flow Pressure
Breakdown: 13 Inc.
of 5 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	175
5	168
10	167
15	(
20	
25	
30	
35	
40	
45	
50	
55	
60	
65	167
70	)
75	
80	
85	
90	

Final Shut-In
Breakdown: 38 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	167
3	183
6	213
9	247
12	295
15	344
18	412
21	470
24	538
27	605
30	663
33	724
36	784
39	826
42	870
45	912
48	948
51	979
54	1010
57	1033
60	1063

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WTC - 4

WESTERN TESTING CO., INC.
Pressure Data

Date _____ Test Ticket No. 9186

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 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		63				63	1071
P 2		66				66	1084
P 3		69				69	1102
P 4		72				72	1119
P 5		75				75	1134
P 6		78				78	1146
P 7		81				81	1161
P 8		84				84	1171
P 9		87				87	1182
P10		90				90	1190
P11		93				93	1196
P12		96				96	1203
P13		99				99	1208
P14		102				102	1215
P15		105				105	1218
P16		108				108	1224
P17		111				111	1230
P18		114				114	1234
P19		117				~~117~~	
P20		120				~~120~~	

JKT #9186

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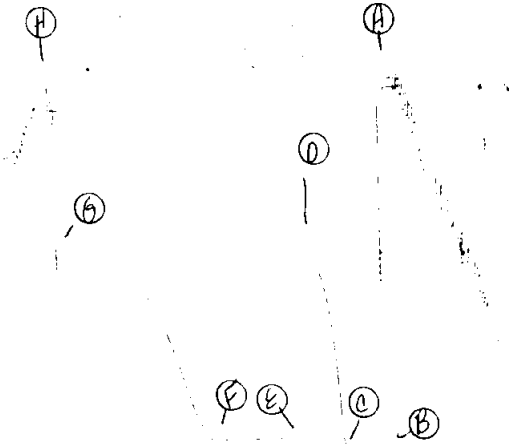

Company Cougar Petroleum Corporation — Lease & Well No. Hartman #2-29

Elevation - — Formation Simpson — Effective Pay - Ft. — Ticket No. 9186

Date 1/25/81 — Sec. 29 — Twp. 30S — Range 3W — County Sumner — State Kansas

Test Approved by R E Whetstine — Western Representative Dave Sloan

Formation Test No. 2 — Interval Tested from 4215 ft. to 4305 ft. — Total Depth 4305 ft.

Packer Depth 4210 ft. — Size 6 3/4 in. — Packer Depth - ft. — Size - in.

Packer Depth 4215 ft. — Size 6 3/4 in. — Packer Depth - ft. — Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4229 ft. — Recorder Number 2604 — Cap. 4150

Bottom Recorder Depth (Outside) 4235 ft. — Recorder Number 6246 — Cap. 5200

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

Drilling Contractor Chase Drilling Rig #15 — Drill Collar Length 360 — I. D. 2.2 in.

Mud Type Drispac — Viscosity 58 — Weight Pipe Length - — I. D. - in.

Weight 9.1 — Water Loss 9.2 cc. — Drill Pipe Length 3826 — I. D. 3.8 in.

Chlorides 11,500 P.P.M. — Test Tool Length 29 ft. — Tool Size 5½OD in.

Jars: Make WTC — Serial Number 408 — Anchor Length 61 DC 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: Weak - dead in 20 minutes initial flow period. No blow final flow period.

Recovered 350 ft. of drilling mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 9:40 A.M. ~~P.M.~~ — Time Started Off Bottom 12:40 A.M. P.M. — Maximum Temperature 136

Initial Hydrostatic Pressure			(A)	2046	P.S.I.	
Initial Flow Period	Minutes 30		(B)	132	P.S.I. to (C)	126 P.S.I.
Initial Closed In Period	Minutes 33		(D)	1231	P.S.I.	
Final Flow Period	Minutes 65		(E)	175	P.S.I. to (F)	167 P.S.I.
Final Closed In Period	Minutes 114		(G)	1234	P.S.I.	
Final Hydrostatic Pressure			(H)	2032	P.S.I.	

WESTERN TESTING CO., INC.
Pressure Data

Date 1/25/81 Test Ticket No. 9186

Recorder No. 2604 Capacity 4150 Location 4229 Ft.

Clock No. - Elevation - Well Temperature 136 °F

Point		Pressure			Time Given	Time Computed
A	Initial Hydrostatic Mud	2046 P.S.I.		Open Tool	9:40 P M.	
B	First Initial Flow Pressure	132 P.S.I.		First Flow Pressure	30 Mins.	30 Mins.
C	First Final Flow Pressure	126 P.S.I.		Initial Closed-in Pressure	30 Mins.	33 Mins.
D	Initial Closed-in Pressure	1231 P.S.I.		Second Flow Pressure	60 Mins.	65 Mins.
E	Second Initial Flow Pressure	175 P.S.I.		Final Closed-in Pressure	60 Mins.	114 Mins.
F	Second Final Flow Pressure	167 P.S.I.				
G	Final Closed-in Pressure	1234 P.S.I.				
H	Final Hydrostatic Mud	2032 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	132
P 2 5	128
P 3 10	127
P 4 15	126
P 5 20	126
P 6 25	126
P 7 30	126
P 8	
P 9	
P10	
P11	
P12	
P13	
P14	
P15	
P16	
P17	
P18	
P19	
P20	

Initial Shut-In
Breakdown: 11 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	126
3	331
6	533
9	705
12	841
15	950
18	1027
21	1086
24	1138
27	1171
30	1201
33	1231

Second Flow Pressure
Breakdown: 13 Inc.
of 5 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	175
5	168
10	167
15	167
20	167
25	167
30	167
35	167
40	167
45	167
50	167
55	167
60	167
65	167

Final Shut-In
Breakdown: 38 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	167
3	183
6	213
9	247
12	295
15	344
18	412
21	470
24	538
27	605
30	663
33	724
36	784
39	826
42	870
45	912
48	948
51	979
54	1010
57	1033
60	1063

continued next page

WESTERN TESTING CO., INC.
Pressure Data

Date 1/25/81 Test Ticket No. 9186

Recorder No. 2604 Capacity 4150 Location 4229 Ft.

Clock No. - Elevation - Well Temperature 136 °F

Point		Pressure		Time Given		Time Computed	
A	Initial Hydrostatic Mud	2046 P.S.I.	Open Tool	9:40 P M			
B	First Initial Flow Pressure	132 P.S.I.	First Flow Pressure	30	Mins.	30	Mins.
C	First Final Flow Pressure	126 P.S.I.	Initial Closed-in Pressure	30	Mins.	33	Mins.
D	Initial Closed-in Pressure	1231 P.S.I.	Second Flow Pressure	60	Mins.	65	Mins.
E	Second Initial Flow Pressure	175 P.S.I.	Final Closed-in Pressure	60	Mins.	114	Mins.
F	Second Final Flow Pressure	167 P.S.I.					
G	Final Closed-in Pressure	1234 P.S.I.					
H	Final Hydrostatic Mud	2032 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: 11 Inc.
of 3 mins. and a
final inc. of 0 Min.

Second Flow Pressure
Breakdown: 13 Inc.
of 5 mins. and a
final inc. of 0 Min.

Final Shut-In
Breakdown: 38 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						63	1071
P 2						66	1084
P 3						69	1102
P 4						72	1119
P 5						75	1134
P 6						78	1146
P 7						81	1161
P 8						84	1171
P 9						87	1182
P10						90	1190
P11						93	1196
P12						96	1203
P13						99	1208
P14						102	1215
P15						105	1218
P16						108	1224
P17						111	1230
P18						114	1234
P19							
P20							