WESTERN TESTING CO., INC.

FORMATION TESTING

TICKET No. 11186

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

Elevation 1458G (round Level) Formation Mississippi Eff. Pay ~ Ft.

District Great Bend Date 4-17-81 Customer Order No. ~

COMPANY NAME Mull Drilling Co, Inc

ADDRESS 221 N. Main Suite 300 Witchita ~~KS~~

LEASE AND WELL NO. ALBRECHT #1 COUNTY Kingman STATE KS Sec 2 Twp 30S Rge 7W

Mail Invoice To SAME (Albrecht #1) No. Copies Requested 5
Co. Name Address

Mail Charts To SAME No. Copies Requested 5
Address

Formation Test No. #1 Interval Tested from 4113 ft. to 4130 ft. Total Depth 4130 ft.

Packer Depth 4108 ft. Size 6¾ in. Packer Depth 4113 ft. Size 6¾ in.

Packer Depth ~ ft. Size ~ in. Packer Depth ~ ft. Size ~ in.

Depth of Selective Zone Set ~

Top Recorder Depth (Inside) 4121 ft. Recorder Number 1563 Cap. 4200

Bottom Recorder Depth (Outside) 4124 ft. Recorder Number 1562 Cap. 3900

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

Drilling Contractor BLUE GOOSE Rig #1 Drill Collar Length 309 I. D. 2 ¼ in.

Mud Type Premix Non Pac Viscosity 49 Weight Pipe Length ~ I. D. 2 ~~1~~ in.

Weight 9.3 Water Loss 10.5 cc. Drill Pipe Length 4781 ~~4513~~ I. D. 3.8 in.

Chlorides 15,000 P.P.M. Test Tool Length 23 ft. Tool Size 5 ½ in.

Jars: Make ~ Serial Number ~ Anchor Length 1 ft. Size 5 ½ in.

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

Strong blow throughout test. Main Hole Size 7 ⅞ in. Tool Joint Size 4½ XH in.

Blow: 1st BLOW STRONG 2ND STRONG Gas to Surface, 40 MIN into final 2nd open 5,320 ~~ACF/DAY~~ Highest Gage = EVENED out 4,700

Recovered ~ ft. of ~~ACF/DAY~~

Recovered 120 ft. of Slightly Oil & Gas Cut Mud 1% Oil 90% Water 9% Mud

Recovered ~ ft. of

Recovered 60 ft. of Slightly Oil & Gas Cut Mud 25% Oil 15% Water 60% Mud.

Recovered ~ ft. of

Remarks: 98 Mile Great BEND 5 Mile From Pratt Waited From 1:30 PM to For Cat to pull off LOCATION (SANDY)

Time On Location 1:30 A.M. Time Pick Up Tool 5:00 A.M. Time Off Location 3:30 P.M.

Time Set Packer(s) 7:00 A.M. Time Started Off Bottom 10:15 A.M. Maximum Temperature N/A

Initial Hydrostatic Pressure		(A) 2082 P.S.I.			
Initial Flow Period	Minutes 30	(B) 75 P.S.I.	to (C) 64 P.S.I.		
Initial Closed In Period	Minutes 45	(D) 825 P.S.I.			
Final Flow Period	Minutes 60	(E) 64 P.S.I.	to (F) 107 P.S.I.		
Final Closed In Period	Minutes 60	(G) 814 P.S.I.			
Final Hydrostatic Pressure		(H) 2082 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.

RECEIVED

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

Western Representative Cliff Scheuerman

Thank You!

LAST TEST Hold Lowing Packer

FIELD INVOICE

Open Hole Test	$ 700
Misrun	$ ~
Straddle Test	$ ~
Jars	$ ~
Selective Zone	$ ~
Safety Joint	$ ~
Standby	$ ~
Evaluation	$ ~
Extra Packer	$ ~
Circ. Sub.	$ ~
Mileage 51 Mi.	$ 38.25
Fluid Sampler	$ ~
Extra Charts	$ ~
Insurance	$ ~
TOTAL	$ 738.25

GAS FLOW REPORT

Date _____ Ticket _____ Company _____

Well Name and No. _____ Dst No. _____ Interval Tested _____

County _____ State _____ Sec. _____ Twp. _____ Rg. _____

Time Gauge Pre-Flow	Time Gauge in Min.	P.S.I. on Merla Orifice Well Tester	P.S.I. on Pitot Tester	P.S.I. on Side Static Tester	P.S.I. on U-Tube Tester	Description of Flow
PRE FLOW						
SECOND FLOW						
45 min		1/4" orifice	10"	of water		5,320 C.F.P.D
50 min		" "	8"	of water		4,760 " "
55 "		↓	↓	↓		4,760 C.F.P.D
60		↓	↓	↓		↓
Gas to surface in 40 minutes on final flow period						

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 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 _____

Authorized by _____

FORM WTC 6

WESTERN TESTING CO., INC.
Pressure Data

Date 4-17 Test Ticket No. 11186

Recorder No. 1563 Capacity 4200 Location 4121 Ft.

Clock No. — Elevation 1458 GL Well Temperature — °F

Point		Pressure	
A	Initial Hydrostatic Mud	2114	P.S.I.
B	First Initial Flow Pressure	69	P.S.I.
C	First Final Flow Pressure	78	P.S.I.
D	Initial Closed-in Pressure	830	P.S.I.
E	Second Initial Flow Pressure	73	P.S.I.
F	Second Final Flow Pressure	106	P.S.I.
G	Final Closed-in Pressure	813	P.S.I.
H	Final Hydrostatic Mud	2061	P.S.I.

	Time Given	Time Computed
Open Tool	7:00 A M	
First Flow Pressure	30 Mins.	30 Mins.
Initial Closed-in Pressure	45 Mins.	45 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	69
P 2	5	65
P 3	10	65
P 4	15	67
P 5	20	71
P 6	25	75
P 7	30	78
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: 15 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	78
3	226
6	321
9	422
12	485
15	543
18	596
21	640
24	677
27	711
30	734
33	766
36	787
39	804
42	819
45	830
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	73
5	80
10	83
15	88
20	94
25	97
30	100
35	102
40	102
45	102
50	103
55	105
60	106
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	106
3	211
6	289
9	360
12	431
15	491
18	532
21	577
24	609
27	638
30	666
33	689
36	711
39	728
42	745
45	762
48	774
51	785
54	798
57	809
60	813

Company Mull Drilling Company, Inc. Lease & Well No. Albrecht #1

Elevation 1456 Ground Level Formation Mississippi Effective Pay - Ft. Ticket No. 11186

Date 4/17/81 Sec. 2 Twp. 30S Range 7W County Kingman State Kansas

Test Approved by R. M. Kidwell Western Representative Cliff Scheuerman

Formation Test No. 1 Interval Tested from 4113 ft. to 4130 Total Depth 4130 ft.

Packer Depth 4108 ft. Size 6 5/8 in. Packer Depth 4113 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) 4121 ft. Recorder Number 1563 Cap. 4200

Bottom Recorder Depth (Outside) 4124 ft. Recorder Number 1562 Cap. 3900

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

Drilling Contractor Blue Goose Drlg. Rig #1 Drill Collar Length 309 I. D. 2¼ in.

Mud Type premix-monpac Viscosity 49 Weight Pipe Length - I. D. - in.

Weight 9.3 Water Loss 10.5 cc. Drill Pipe Length 4781 I. D. 3.8 in.

Chlorides 15,000 P.P.M. Test Tool Length 23 ft. Tool Size 5½ in.

Jars: Make - Serial Number - Anchor Length 17 ft. Size 5½ in.

Did Well Flow? Gas 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: Strong blow throughout test. Gas to surface forty minutes into final flow period. See attached sheet for gas measurements.

Recovered 120 ft. of slightly oil and gas cut mud (1% oil; 10% water; 89% mud)

Recovered 60 ft. of slightly oil and gas cut mud (25% oil; 15% water; 60% mud)

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 7:00 A.M. ~~P.M.~~ Time Started Off Bottom 10:15 A.M. ~~P.M.~~ Maximum Temperature N/A

Initial Hydrostatic Pressure (A) 2114 P.S.I.

Initial Flow Period Minutes 30 (B) 69 P.S.I. to (C) 78 P.S.I.

Initial Closed In Period Minutes 45 (D) 830 P.S.I.

Final Flow Period Minutes 60 (E) 73 P.S.I. to (F) 106 P.S.I.

Final Closed In Period Minutes 60 (G) 813 P.S.I.

Final Hydrostatic Pressure (H) 2061 P.S.I.

GAS FLOW REPORT

Date 4/17/81 Ticket 11186 Company Mull Drilling Company, Inc.

Well Name and No. Albrecht #1 Dst No. 1 Interval Tested 4113'-4130'

County Kingman State Kansas Sec. 2 Twp. 30S Rg. 7W

Time Gauge Pre-Flow	Time Gauge in Min.	P.S.I. on Merla Orifice Well Tester	P.S.I. on Pitot Tester	P.S.I. on Side Static Tester	P.S.I. on U-Tube Tester	Description of Flow
						PRE FLOW
						SECOND FLOW
Gas to surface in forty minutes						on final flow period.
	45 min.	10" of water		1/4" orifice		5,320 CFPD
	50 min.	8" of water		1/4" orifice		4,760 CFPD
	55 min.	8" of water		1/4" orifice		4,760 CFPD
	60 min.	8" of water		1/4" orifice		4,760 CFPD

GAS BOTTLE

Serial No. -- Date Bottle Filled --- Date to be Invoiced 4/17/81

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 Mull Drilling Co., Inc.

Authorized by R. M. Kidwell

FORM WTC 6

WESTERN TESTING CO., INC.
Pressure Data

Date 4/17/81 Test Ticket No. 11186

Recorder No. 1563 Capacity 4200 Location 4121 Ft.

Clock No. - Elevation 1458 Ground Level Well Temperature - °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2114 P.S.I.	Open Tool	7:00A M	
B First Initial Flow Pressure	69 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	78 P.S.I.	Initial Closed-in Pressure	45 Mins.	45 Mins.
D Initial Closed-in Pressure	830 P.S.I.	Second Flow Pressure	60 Mins.	60 Mins.
E Second Initial Flow Pressure	73 P.S.I.	Final Closed-in Pressure	60 Mins.	60 Mins.
F Second Final Flow Pressure	106 P.S.I.			
G Final Closed-in Pressure	813 P.S.I.			
H Final Hydrostatic Mud	2061 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	69
P 2 5	65
P 3 10	65
P 4 15	67
P 5 20	71
P 6 25	75
P 7 30	78
P 8	
P 9	
P10	
P11	
P12	
P13	
P14	
P15	
P16	
P17	
P18	
P19	
P20	

Initial Shut-In
Breakdown: 15 Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	78
3	226
6	321
9	422
12	485
15	543
18	596
21	640
24	677
27	711
30	734
33	766
36	787
39	804
42	819
45	830

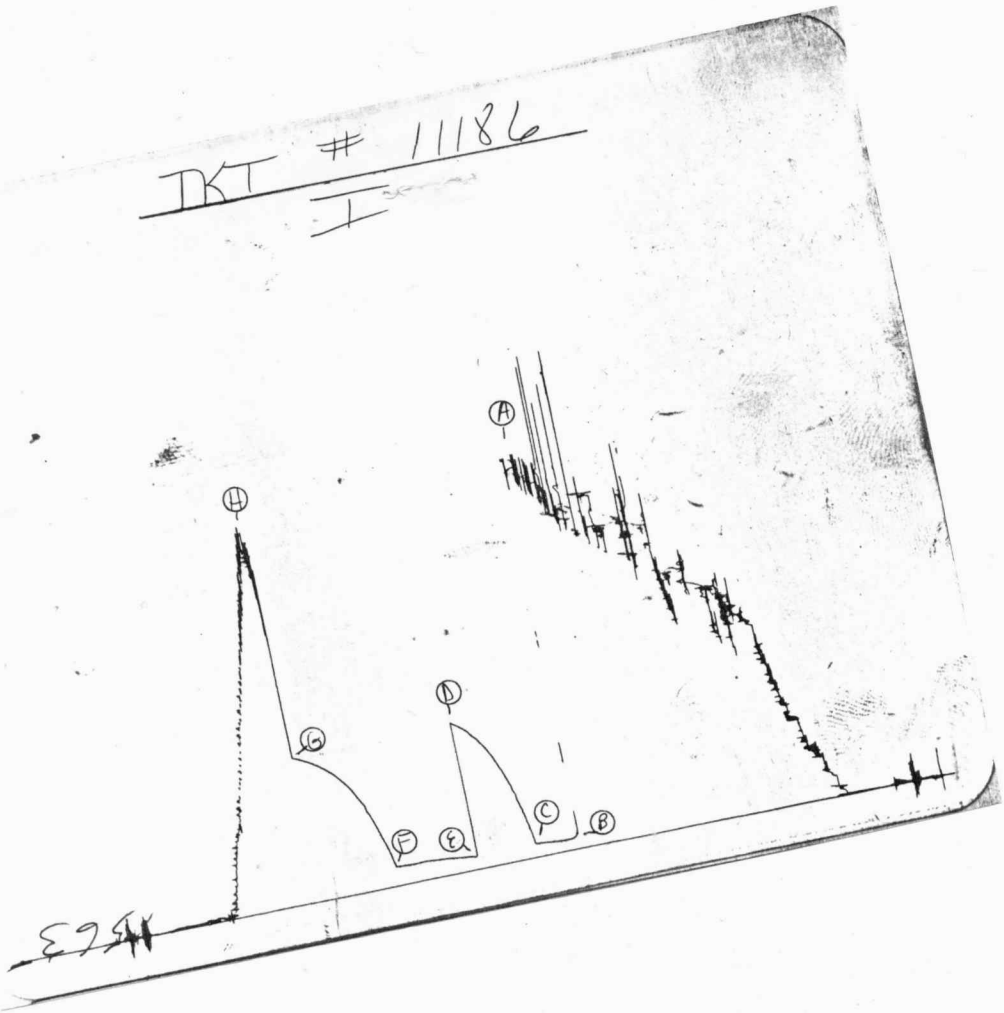
Second Flow Pressure
Breakdown: 12 Inc. of 5 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	73
5	80
10	83
15	88
20	94
25	97
30	100
35	102
40	102
45	102
50	103
55	105
60	106

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

Point Minutes	Press.
0	106
3	211
6	289
9	360
12	431
15	491
18	532
21	577
24	609
27	638
30	666
33	689
36	711
39	728
42	745
45	762
48	774
51	785
54	798
57	809
60	813

DKT # 11186



WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET № 12501

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

Elevation 1660 K.B. Formation Mississippi Eff. Pay — Ft.

District Ft Bend Date 6-29-81 Customer Order No. —

COMPANY NAME Rine Exploration Company

ADDRESS Suite 645 300 W. Douglas Wichita, Ks. 67202

LEASE AND WELL NO. Aldritt 1-35 COUNTY Kingman STATE KS. Sec. 35 Twp. 30S Rge. 8W

Mail Invoice To Aldritt #1-35 Same as above No. Copies Requested 5
Co. Name 〃 〃 Address

Mail Charts To — No. Copies Requested 5
Address

Formation Test No. 3 Interval Tested from 4440 ft. to 4465 ft. Total Depth 4465 ft.

Packer Depth 4440 ft. Size 6 5/8 in. Packer Depth — ft. Size — in.

Packer Depth 4435 ft. Size 6 5/8 in. Packer Depth — ft. Size — in.

Depth of Selective Zone Set —

Top Recorder Depth (Inside) 4452 ft. Recorder Number 6234 Cap. 4500

Bottom Recorder Depth (Outside) 4455 ft. Recorder Number 6077 Cap. 4700

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

Drilling Contractor Slawson #4

Mud Type Premix Viscosity 46

Weight 9.3 Water Loss 9.0 cc.

Chlorides 18,000 P.P.M.

Jars: Make — Serial Number —

Did Well Flow? No Reversed Out No

Drill Collar Length — I. D. — in.

Weight Pipe Length 60 I. D. 2.7 in.

Drill Pipe Length 4359 I. D. 3.8 in.

Test Tool Length 21 ft. Tool Size 4 1/2 in.

Anchor Length 25 ft. Size 5 1/2 in.

Surface Choke Size 1/2 in. Bottom Choke Size 1/2 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 FH in.

Blow: I.F. - Strong Blow Throughout
F.F. - Weak Blow increasing to a strong blow

Recovered 300 ft. of Gas in Pipe

Recovered 50 ft. of Oilcut Watery Mud 24% Water 10% oil 66% Mud

Recovered 360 ft. of Salt Water CHLORIDES 37,000 P.P.M.

Recovered — ft. of

Recovered — ft. of

Remarks:

RECEIVED
JUL 1 - 1980
KCC WICHITA

Time On Location 11:00 A.M. P.M. Time Pick Up Tool 8:30 A.M. P.M. Time Off Location — A.M. P.M.

Time Set Packer(s) 10:05 A.M. P.M. Time Started Off Bottom 1:20 A.M. P.M. Maximum Temperature 120°

Initial Hydrostatic Pressure			(A)	2187	P.S.I.	
Initial Flow Period	Minutes 30		(B)	137	P.S.I. to (C)	172 P.S.I.
Initial Closed In Period	Minutes 45		(D)	1441	P.S.I.	
Final Flow Period	Minutes 60		(E)	206	P.S.I. to (F)	286 P.S.I.
Final Closed In Period	Minutes 60		(G)	1441	P.S.I.	
Final Hydrostatic Pressure			(H)	2176	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 Dan Delaney

FIELD INVOICE

Open Hole Test	$ 700.00
Misrun	$ —
Straddle Test	$ —
Jars	$ —
Selective Zone	$ —
Safety Joint	$ —
Standby	$ —
Evaluation	$ —
Extra Packer	$ —
Circ. Sub.	$ —
Mileage N/C	$ —
Fluid Sampler	$ -0-
Extra Charts	$ —
Insurance	$ —
TOTAL	$ 700.00

WESTERN TESTING CO., INC.

Pressure Data

Date 6-29 Test Ticket No. 12501

Recorder No. 6234 Capacity 4500 Location 4452 Ft.

Clock No. — Elevation 1660 KB Well Temperature 120 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2187 P.S.I.	Open Tool	10:05 AM	
B First Initial Flow Pressure	137 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	177 P.S.I.	Initial Closed-in Pressure	45 Mins.	45 Mins.
D Initial Closed-in Pressure	1441 P.S.I.	Second Flow Pressure	60 Mins.	60 Mins.
E Second Initial Flow Pressure	202 P.S.I.	Final Closed-in Pressure	60 Mins.	66 Mins.
F Second Final Flow Pressure	284 P.S.I.			
G Final Closed-in Pressure	1442 P.S.I.			
H Final Hydrostatic Mud	2183 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	137
P 2 5	139
P 3 10	144
P 4 15	154
P 5 20	163
P 6 25	170
P 7 30	177
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: 15 Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	177
3	802
6	1068
9	1190
12	1267
15	1309
18	1339
21	1362
24	1380
27	1396
30	1406
33	1416
36	1425
39	1432
42	1437
45	1441
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	202
5	204
10	210
15	216
20	226
25	236
30	243
35	252
40	259
45	264
50	271
55	278
60	284
65	
70	
75	
80	
85	
90	

Final Shut-In

Breakdown: 22 Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	284
3	813
6	1057
9	1163
12	1226
15	1265
18	1299
21	1321
24	1337
27	1355
30	1367
33	1380
36	1389
39	1398
42	1405
45	1410
48	1416
51	1423
54	1428
57	1432
60	1437
63	1440
	1442

WTC - 4

Company Rine Exploration Company | Lease & Well No. Alldritt #1-35

Elevation 1660 Kelly Bushing | Formation Mississippi | Effective Pay - | Ft. | Ticket No. 12501

Date 6/29/81 | Sec. 35 | Twp. 30S | Range 8W | County Kingman | State Kansas

Test Approved by Stephen M. Kreidler | Western Representative Dan Delaney

Formation Test No. 3 | Interval Tested from 4440 ft. to 4465 ft. | Total Depth 4465 ft.

Packer Depth 4440 ft. | Size 6 5/8 in. | Packer Depth - ft. | Size - in.

Packer Depth 4435 ft. | Size 6 5/8 in. | Packer Depth - ft. | Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4452 ft. | Recorder Number 6234 | Cap. 4500

Bottom Recorder Depth (Outside) 4455 ft. | Recorder Number 6077 | Cap. 4700

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

Drilling Contractor Slawson Drilling Rig #4 | Drill Collar Length - | I. D. - in.

Mud Type premix | Viscosity 46 | Weight Pipe Length 60 | I. D. 2.7 in.

Weight 9.3 | Water Loss 9.0 cc. | Drill Pipe Length 4359 | I. D. 3.8 in.

Chlorides 18,000 P.P.M. | Test Tool Length 21 ft. | Tool Size 4½ in.

Jars: Make - | Serial Number - | Anchor Length 25 ft. | Size 5½ in.

Did Well Flow? No | Reversed Out No | Surface Choke Size 1/2 in. | Bottom Choke Size 1/2 in.

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

Blow: Initial flow period strong blow throughout. Final flow period weak blow increasing to a strong blow.

Recovered 300 ft. of gas in pipe

Recovered 50 ft. of oil cut watery mud 24% water;10% oil;66% mud

Recovered 360 ft. of salt water Chlorides 37,000 ppm

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 10:05 ~~A.M.~~ ~~P.M.~~ | Time Started Off Bottom 1:20 ~~A.M.~~ ~~P.M.~~ | Maximum Temperature 120°

Initial Hydrostatic Pressure		(A)	2187	P.S.I.		
Initial Flow Period	Minutes 30	(B)	137	P.S.I. to (C)	177	P.S.I.
Initial Closed In Period	Minutes 45	(D)	1441	P.S.I.		
Final Flow Period	Minutes 60	(E)	202	P.S.I. to (F)	284	P.S.I.
Final Closed In Period	Minutes 66	(G)	1442	P.S.I.		
Final Hydrostatic Pressure		(H)	2183	P.S.I.		

WTC

WESTERN TESTING CO., INC.
Pressure Data

Date 6/29/81 Test Ticket No. 12501

Recorder No. 6234 Capacity 4500 Location 4452 Ft.

Clock No. --- Elevation 1660 Kelly Bushing Well Temperature 120 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2187 P.S.I.	Open Tool	10:05A M	
B First Initial Flow Pressure	137 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	177 P.S.I.	Initial Closed-in Pressure	45 Mins.	45 Mins.
D Initial Closed-in Pressure	1441 P.S.I.	Second Flow Pressure	60 Mins.	60 Mins.
E Second Initial Flow Pressure	202 P.S.I.	Final Closed-in Pressure	60 Mins.	66 Mins.
F Second Final Flow Pressure	284 P.S.I.			
G Final Closed-in Pressure	1442 P.S.I.			
H Final Hydrostatic Mud	2183 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	137
P 2 5	139
P 3 10	144
P 4 15	154
P 5 20	163
P 6 25	170
P 7 30	177
P 8	
P 9	
P10	
P11	
P12	
P13	
P14	
P15	
P16	
P17	
P18	
P19	
P20	

Initial Shut-In
Breakdown: 15 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	177
3	802
6	1068
9	1190
12	1267
15	1309
18	1339
21	1362
24	1380
27	1396
30	1406
33	1416
36	1425
39	1432
42	1437
45	1441

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

Point Minutes	Press.
0	202
5	204
10	210
15	216
20	226
25	236
30	243
35	252
40	259
45	264
50	271
55	278
60	284

Final Shut-In
Breakdown: 22 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	284
3	813
6	1057
9	1163
12	1226
15	1265
18	1299
21	1321
24	1337
27	1355
30	1367
33	1380
36	1389
39	1405
42	1410
45	1416
48	1423
51	1428
54	1432
57	1437
60	1440
63	1442
66	

WTC - 4

TRT #12501

I

