

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
ACO-1 WELL HISTORY  
DESCRIPTION OF WELL AND LEASE

Operator: License # 5144

Name: Mull Drilling Company, Inc.

Address: P.O. Box 2758

City/State/Zip Wichita, Kansas 67201-2758

Purchaser: Eaglewing Trading, Inc.

Operator Contact Person: Scott E. Hampel

Phone ( 316 ) 264-6366 ext. 12

Contractor: Name: Duke Drilling Co., Inc.

License: 5929

Wellsite Geologist: Kent Cristler

Designate Type of Completion

New Well  Re-Entry  Workover

Oil  SWD  SIDW  Temp. Abd.

Gas  EKHR  SIGV

Dry  Other (Core, WSW, Expl., Cathodic, etc.)

If Workover/Re-Entry: old well info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Deepening  Re-perf.  Conv. to Inj/SWD

Plug Back  Docket No. \_\_\_\_\_ PBDT \_\_\_\_\_

Coaming/led  Docket No. \_\_\_\_\_

Dual Completion  Docket No. \_\_\_\_\_

Other (SWD or Inj?) Docket No. \_\_\_\_\_

12-03-96 12-10-96 12-11-96  
Spud Date Date Reached TD Completion Date

API No. 15-097-21414 0000

County Kiowa County, Kansas

SE SW Sec. 21 Twp. 27S Rgp. 20 XX

750 Feet from S (circle one) Line of Section

2033 Feet from E (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner, NE, SE, NW or S (circle one)

Lease Name Zeigler Well # 2X

Field Name Fralick West

Producing Formation Mississippian

Elevation: Ground 2295' KB 2306'

Total Depth 5000' PBDT 4980'

Amount of Surface Pipe Set and Cemented at 348 Feet

Multiple Stage Cementing Collar Used? Yes  No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from \_\_\_\_\_

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sz cat

Drilling Fluid Management Plan ALT 1 9/24 3-17-98  
(Data must be collected from the Reserve PPT)

Chloride content 32,000 ppm Fluid volume 1340

Deaerating method used \_\_\_\_\_

Location of fluid disposal if hauled offsite \_\_\_\_\_

Operator Name \_\_\_\_\_ 3-20-98

Lease Name \_\_\_\_\_ License No. \_\_\_\_\_

Sec. \_\_\_\_\_ S Rgp. \_\_\_\_\_

County \_\_\_\_\_ Docket No. \_\_\_\_\_

**CONFIDENTIAL**  
MAR 19

**RELEASED**  
APR 6 1998  
FROM CONFIDENTIAL

RECEIVED  
KANSAS CORP COMM  
MAR 20 11:47

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Scott E. Hampel Scott E. Hampel

Title Vice President Prod & Eng. Date 3/19/97

Subscribed and sworn to before me this 19 day of March 19 97

Notary Public Tannis L. Tritt

Date Commission Expires March 26, 1999

TANNIS L. TRITT  
Notary Public - State of Kansas  
My Appt. Expires 3-26-99

I.C.C. OFFICE USE ONLY  
Letter of Confidentiality Attached   
Wireline Log Received   
Geologist Report Received   
Distribution  
ICC \_\_\_\_\_ SUD/Rep \_\_\_\_\_ KEPA \_\_\_\_\_  
ICS \_\_\_\_\_ Plug \_\_\_\_\_ Other \_\_\_\_\_  
(Specify)

Operator Name Mull Drilling Company, Inc. Lease Name Zeigler Well # 2X

Sec. 21 Twp. 27S Rge. 20  East  West  
 County Kiowa County, Kansas

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken  Yes  No  
 (Attach Additional Sheets.)  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No  
 Electric Log Run  Yes  No  
 (Submit Copy.)

List All E. Logs Run: BPB WIRELINE  
Array Induction/GR/SP  
CNS/PDS/GR  
ML/GR

Name	Top	Bottom
Heebner	4102	- 1796
Lansing	4248	- 1942
KC	4425	- 2119
BKC	4649	- 2343
Marmaton	4666	- 2360
Pawnee	4700	- 2394
Fort Scott	4760	- 2454
Cherokee	4783	- 2477
Top Miss	4854	- 2548
Spergen	4862	- 2556
Warsaw	4893	- 2587
Osage	4959	- 2653
Osage	4998	- 2692

CASING RECORD

New  Used LTD

Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of String	Size Hole Drilled	Size Casing Set (in O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12-1/4"	8-5/8"	20#	348'	65/35 Class A	100	6%gel 3%cc
Production	7-7/8"	5-1/2"	15.5#	4998'	65/35 ASC	100	3%cc 2%gel 6%gel 5#/sk kolseal

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back To				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth
4	12/16/96 4860'-4870'	12/17 Acidized w/500 gals 15% MCA
		12/19 Acidized w/1000 gals 20% HCL
4	1/20/97 4870'-4880'	1/21 Acidized w/1000 gals 15% HCL
		1/27 Acidized w/1000 gals 15% HCL

TUBING RECORD Size 2 3/8" Set At 4916' Packer At \_\_\_\_\_ Liner Run  Yes  No

Date of First Resumed Production, SWD or Inj 12/25/96 Producing Method  Flowing  Pumping  Gas Lift  Other (explain)

Estimated Production Per 24 Hours 2/28/97 Oil 12 Bbls Gas 0 Mcf Water 32 Bbls Gas Oil Ratio \_\_\_\_\_ Gravity 35.5

Disposition of Gas:  Vented  Sold  Used on Lease (If vented, submit ACO-18.) METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp  Commingled  Other (Specify) \_\_\_\_\_ Production Interval 4860'-4880'

# ALLIED CEMENTING CO., INC.

8218

## ORIGINAL

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:

*Med. Lodge*

DATE <i>12-3-96</i>	SEC <i>21</i>	TWP. <i>27</i>	RANGE <i>20W</i>	CALLED OUT <i>5:45pm</i>	ON LOCATION <i>8:30pm</i>	JOB START <i>1:30am</i>	JOB FINISH <i>2:00</i>
LEASE <i>Ziegler</i>	WELL # <i>2X</i>	LOCATION <i>Mullenville SW-2W-1/2N</i>			COUNTY <i>King</i>	STATE <i>KS</i>	

OLD OR NEW (Circle one)

CONTRACTOR *Duke #5*

TYPE OF JOB *Surface Casings*

HOLE SIZE *12 1/4* T.D. *350*

CASING SIZE *8 5/8* DEPTH *352*

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT *24.00*

CEMENT LEFT IN CSG.

PERFS.

OWNER *Mull Drilling Co*

CEMENT

AMOUNT ORDERED *100 sk 6 5/8 - 6 7/8 gal - 3 7/8 cc*

*1/4" Flow Seal*

*100 sk Class A 28 gal - 3 7/8 cc*

COMMON	<i>100</i>	@	<i>6.10</i>	<i>610.00</i>
POZMIX		@		
GEL	<i>2</i>	@	<i>9.50</i>	<i>19.00</i>
CHLORIDE	<i>8</i>	@	<i>28.00</i>	<i>224.00</i>
<i>ALLW</i>	<i>100</i>	@	<i>5.65</i>	<i>565.00</i>
		@		
		@		
		@		
		@		
		@		
HANDLING	<i>200</i>	@	<i>1.05</i>	<i>210.00</i>
MILEAGE	<i>300 x 48</i>	@	<i>.04</i>	<i>334.00</i>

TOTAL *\$1204.00*

### EQUIPMENT

PUMP TRUCK CEMENTER *Allen Drake*

# *237* HELPER *Justin Hart*

BULK TRUCK

# *301* DRIVER *James Holt*

BULK TRUCK

# DRIVER

REMARKS: **RELEASED**

APR 6 1998

FROM CONFIDENTIAL

*Cement Did Circulate  
15 Gals in Pit*

CHARGE TO: *Mull Drilling Co.*

STREET *PO Box 2758*

CITY *Wichita* STATE *Ko* ZIP *67201*

MAR 19  
CONFIDENTIAL

SERVICE

DEPTH OF JOB *350'*

PUMP TRUCK CHARGE *0.300'* *445.00*

EXTRA FOOTAGE *50'* @ *.41* *20.50*

MILEAGE *48* @ *2.85* *136.80*

PLUG *Bottom Rubber* @ *90.00* *90.00*

TOTAL *\$1692.30*

### FLOAT EQUIPMENT

*1- 8 5/8 Alum Baffle* @ *125.00* *125.00*

*1- 8 5/8 Cent.* @ *61.00* *61.00*

TOTAL *\$196.00*

TAX *00.30*

TOTAL CHARGE *\$ 2979.35*

DISCOUNT *\$ 739.25* IF PAID IN 30 DAYS

NET *\$ 2240.10*

KANSAS RECEIVED  
1998 MAR 20 11:41  
COMM

To Allied Cementing Co., Inc.  
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE *Robin Brown*



CONFIDENTIAL

ORIGINAL

RELEASED

DST REPORT

APR 6 1998

FROM CONFIDENTIAL

15-097-21414

GENERAL INFORMATION

DATE : 12/9/96	TICKET : 22073
CUSTOMER : MULL DRILLING COMPANY INC	LEASE : ZEIGLER
WELL : #2-X TEST: 1	GEOLOGIST: CRISLER
ELEVATION: 2306 KB	FORMATION: MISSISSIPPI
SECTION : 21	TOWNSHIP : 27S <i>KCC</i>
RANGE : 20W COUNTY: KIOWA	STATE : KS
GAUGE SN#: 13548 RANGE : 4075	CLOCK : 12

MAR 19

CONFIDENTIAL

WELL INFORMATION

PERFORATION INTERVAL FROM: 4834.00 ft	TO: 4882.00 ft	TVD: 4882.0 ft
DEPTH OF SELECTIVE ZONE:		TEST TYPE: OIL
DEPTH OF RECORDERS: 4842.0 ft	4845.0 ft	
TEMPERATURE: 122.0		

DRILL COLLAR LENGTH: 0.0 ft	I.D.: 0.000 in
WEIGHT PIPE LENGTH : 0.0 ft	I.D.: 0.000 in
DRILL PIPE LENGTH : 4814.0 ft	I.D.: 3.800 in
TEST TOOL LENGTH : 20.0 ft	TOOL SIZE : 5.500 in
ANCHOR LENGTH : 48.0 ft	ANCHOR SIZE: 5.500 in
SURFACE CHOKE SIZE : 0.750 in	BOTTOM CHOKE SIZE: 0.750 in
MAIN HOLE SIZE : 7.875 in	TOOL JOINT SIZE : 4.5XH
PACKER DEPTH: 4829.0 ft	SIZE: 6.630 in
PACKER DEPTH: 4834.0 ft	SIZE: 6.630 in
PACKER DEPTH: 0.0 ft	SIZE: 0.000 in
PACKER DEPTH: 0.0 ft	SIZE: 0.000 in

MUD INFORMATION

DRILLING CON. : DUKE DRLG RIG 5	VISCOSITY : 47.00 cp
MUD TYPE : CHEMICAL	WATER LOSS: 8.800 cc
WEIGHT : 9.300 ppg	
CHLORIDES : 4000 ppm	SERIAL NUMBER:
JARS-MAKE :	REVERSED OUT?: NO
DID WELL FLOW?: NO	

COMMENTS

Comment

INITIAL FLOW PERIOD STRONG BLOW IN 1 MINUTE.  
 FINAL FLOW PERIOD STRONG BLOW - GAS TO SURFACE IN  
 50 MINUTES- TOO WEAK TO GAUGE.

RELEASED

CONFIDENTIAL

APR 2 1968

DST REPORT (CONTINUED)

CONFIDENTIAL

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
120.0	6.0	15.0	0.0	79.0	OIL & GAS CUT MUD
60.0	3.0	5.0	72.0	20.0	SL OIL & GAS C/MUDDY WTR
120.0	1.0	3.0	91.0	5.0	SL OIL & GAS C/MUDDY WTR
0.0	0.0	0.0	0.0	0.0	CHLORIDES 78000 PPM
0.0	0.0	0.0	0.0	0.0	RW .07 @ 70 DEGREES F

RATE INFORMATION

OIL VOLUME:	0.1431 STB	TOTAL FLOW TIME:	90.0000 min.
GAS VOLUME:	1.9374 SCF	AVERAGE OIL RATE:	23.6866 STB/D
MUD VOLUME:	1.5822 STB	AVERAGE WATER RATE:	38.1191 STB/D
WATER VOLUME:	2.1376 STB		
TOTAL FLUID :	3.8629 STB		

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2410.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	72.00	93.00
INITIAL SHUT-IN	60.00		260.00
FINAL FLOW	60.00	124.00	145.00
FINAL SHUT-IN	90.00		239.00

FINAL HYDROSTATIC PRESSURE: 2358.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2382.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	96.71	97.37
INITIAL SHUT-IN	60.00		251.36
FINAL FLOW	60.00	143.61	155.94
FINAL SHUT-IN	90.00		259.32

FINAL HYDROSTATIC PRESSURE: 2293.00

Company: MULL DRILLING COMPANY INC  
 Well: #2-X ZEIGLER  
 Field: TKT 22073 DST 1

[Monday: Dec. 9, 1996]  
 Page 1

REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)
START FLOW 1				
1	0	23:10: 4	0.0000	96.71
5	0	23:10:33	0.0080	96.73
10	0	23:11: 9	0.0180	96.74
15	0	23:11:45	0.0280	96.76
20	0	23:12:21	0.0380	96.77
25	0	23:12:57	0.0480	96.79
30	0	23:13:33	0.0580	95.12
35	0	23:14: 9	0.0680	95.13
40	0	23:14:45	0.0780	92.62
45	0	23:15:21	0.0880	92.64
50	0	23:15:57	0.0980	92.65
55	0	23:16:33	0.1080	92.67
60	0	23:17: 9	0.1180	91.84
65	0	23:17:45	0.1279	91.86
70	0	23:18:21	0.1379	91.03
75	0	23:18:57	0.1479	91.05
80	0	23:19:33	0.1579	91.06
85	0	23:20: 9	0.1679	91.08
90	0	23:20:44	0.1779	91.09
95	0	23:21:20	0.1879	91.11
100	0	23:21:56	0.1979	91.12
105	0	23:22:32	0.2079	91.14
110	0	23:23: 8	0.2179	91.15
115	0	23:23:44	0.2279	92.01
120	0	23:24:20	0.2379	92.03
125	0	23:24:56	0.2478	92.04
130	0	23:25:32	0.2578	92.06
135	0	23:26: 8	0.2678	92.08
140	0	23:26:44	0.2778	92.09
145	0	23:27:20	0.2878	92.95
150	0	23:27:56	0.2978	92.97
155	0	23:28:32	0.3078	92.98
160	0	23:29: 8	0.3178	93.00
165	0	23:29:44	0.3278	93.85
170	0	23:30:20	0.3378	93.87
175	0	23:30:56	0.3477	93.89
180	0	23:31:32	0.3577	93.90
185	0	23:32: 8	0.3677	95.60
190	0	23:32:44	0.3777	96.46
195	0	23:33:20	0.3877	96.48
200	0	23:33:56	0.3977	96.49
205	0	23:34:32	0.4077	96.51
210	0	23:35: 8	0.4177	97.37
END FLOW 1				
START SHUTIN 1				
215	0	23:35:43	0.4276	106.65
220	0	23:36:19	0.4374	126.89
225	0	23:36:54	0.4473	141.24
230	0	23:37:30	0.4572	150.52
235	0	23:38: 5	0.4671	158.96
240	0	23:38:41	0.4770	165.72
245	0	23:39:17	0.4869	174.17
250	0	23:39:53	0.4969	178.39
255	0	23:40:29	0.5068	182.62

WESTERN TESTING CO., INC.

Company: MULL DRILLING COMPANY INC  
Well: #2-X ZEIGLER  
Field: TKT 22073 DST 1

[Monday: Dec. 9, 1996]  
Page 2

REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)
260	0	23:41: 4	0.5168	186.85
265	0	23:41:40	0.5268	190.24
270	0	23:42:16	0.5367	193.63
275	0	23:42:52	0.5467	197.86
280	0	23:43:28	0.5566	202.09
285	0	23:44: 4	0.5666	204.63
290	0	23:44:40	0.5766	207.17
295	0	23:45:16	0.5865	209.72
300	0	23:45:51	0.5965	212.26
305	0	23:46:27	0.6065	213.96
310	0	23:47: 3	0.6165	214.82
315	0	23:47:39	0.6264	216.52
320	0	23:48:15	0.6364	218.22
325	0	23:48:51	0.6464	219.92
330	0	23:49:27	0.6564	221.62
335	0	23:50: 3	0.6663	224.17
340	0	23:50:39	0.6763	225.03
345	0	23:51:15	0.6863	227.57
350	0	23:51:51	0.6963	227.59
355	0	23:52:27	0.7063	227.60
360	0	23:53: 3	0.7163	228.46
365	0	23:53:38	0.7262	231.00
370	0	23:54:14	0.7362	231.86
375	0	23:54:50	0.7462	231.88
380	0	23:55:26	0.7562	232.74
385	0	23:56: 2	0.7662	234.44
390	0	23:56:38	0.7762	235.30
395	0	23:57:14	0.7861	235.31
400	0	23:57:50	0.7961	235.33
405	0	23:58:26	0.8061	236.19
410	0	23:59: 2	0.8161	237.04
415	0	23:59:38	0.8261	239.59
[Tuesday: Dec. 10, 1996]				
420	1	0: 0:14	0.8361	239.60
425	1	0: 0:50	0.8460	240.46
430	1	0: 1:26	0.8560	240.48
435	1	0: 2: 2	0.8660	240.49
440	1	0: 2:38	0.8760	240.51
445	1	0: 3:14	0.8860	240.52
450	1	0: 3:50	0.8960	241.38
455	1	0: 4:26	0.9060	242.24
460	1	0: 5: 1	0.9160	242.26
465	1	0: 5:37	0.9260	242.27
470	1	0: 6:13	0.9360	243.13
475	1	0: 6:49	0.9459	243.99
480	1	0: 7:25	0.9559	244.00
485	1	0: 8: 1	0.9659	244.02
490	1	0: 8:37	0.9759	244.04
495	1	0: 9:13	0.9859	244.05
500	1	0: 9:49	0.9959	244.07
505	1	0:10:25	1.0059	245.77
510	1	0:11: 1	1.0159	245.78
515	1	0:11:37	1.0259	245.80
520	1	0:12:13	1.0358	245.81
525	1	0:12:49	1.0458	245.83

WESTERN TESTING CO., INC.



Company: MULL DRILLING COMPANY INC  
Well: #2-X ZEIGLER  
Field: TKT 22073 DST 1

[Tuesday: Dec. 10, 1996]  
Page 3

REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)
530	1	0:13:25	1.0558	246.69
535	1	0:14: 1	1.0658	247.55
540	1	0:14:37	1.0758	247.56
545	1	0:15:13	1.0858	247.58
550	1	0:15:49	1.0958	247.59
555	1	0:16:25	1.1058	247.61
560	1	0:17: 1	1.1158	247.63
565	1	0:17:37	1.1258	247.64
570	1	0:18:13	1.1357	247.66
575	1	0:18:49	1.1457	248.51
580	1	0:19:25	1.1557	248.53
585	1	0:20: 1	1.1657	248.55
590	1	0:20:37	1.1757	248.56
595	1	0:21:12	1.1857	248.58
600	1	0:21:48	1.1957	248.59
605	1	0:22:24	1.2057	248.61
610	1	0:23: 0	1.2157	248.62
615	1	0:23:36	1.2257	248.64
620	1	0:24:12	1.2357	248.66
625	1	0:24:48	1.2456	249.51
630	1	0:25:24	1.2556	249.53
635	1	0:26: 0	1.2656	249.54
640	1	0:26:36	1.2756	250.40
645	1	0:27:12	1.2856	251.26
650	1	0:27:48	1.2956	251.28
655	1	0:28:24	1.3056	251.29
660	1	0:29: 0	1.3156	251.31
665	1	0:29:36	1.3256	251.32
670	1	0:30:12	1.3355	251.34
675	1	0:30:48	1.3455	251.36
		END SHUTIN 1		
		START FLOW 2		
677	1	0:35:39	1.4264	143.61
682	1	0:36:15	1.4364	143.62
687	1	0:36:51	1.4464	140.27
692	1	0:37:27	1.4564	138.60
697	1	0:38: 3	1.4664	138.61
702	1	0:38:39	1.4764	138.63
707	1	0:39:15	1.4864	136.96
712	1	0:39:51	1.4964	136.13
717	1	0:40:27	1.5064	136.15
722	1	0:41: 3	1.5164	136.16
727	1	0:41:39	1.5264	135.34
732	1	0:42:15	1.5364	135.35
737	1	0:42:51	1.5464	135.37
742	1	0:43:27	1.5564	135.38
747	1	0:44: 3	1.5664	134.56
752	1	0:44:39	1.5764	134.57
757	1	0:45:15	1.5864	134.59
762	1	0:45:51	1.5964	134.60
767	1	0:46:27	1.6064	134.62
772	1	0:47: 3	1.6163	134.63
777	1	0:47:39	1.6263	134.65
782	1	0:48:15	1.6363	134.67
787	1	0:48:51	1.6463	134.68

WESTERN TESTING CO., INC.

Company: MULL DRILLING COMPANY INC  
Well: #2-X ZEIGLER  
Field: TKT 22073 DST 1

[Tuesday: Dec. 10, 1996]  
Page 4

REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)
792	1	0:49:27	1.6563	134.70
797	1	0:50: 3	1.6663	134.71
802	1	0:50:39	1.6763	134.73
807	1	0:51:15	1.6863	134.74
812	1	0:51:51	1.6963	134.76
817	1	0:52:27	1.7063	134.78
822	1	0:53: 2	1.7163	134.79
827	1	0:53:38	1.7263	134.81
832	1	0:54:14	1.7362	135.66
837	1	0:54:50	1.7462	135.68
842	1	0:55:26	1.7562	135.70
847	1	0:56: 2	1.7662	135.71
852	1	0:56:38	1.7762	135.73
857	1	0:57:14	1.7862	136.59
862	1	0:57:50	1.7962	137.44
867	1	0:58:26	1.8062	137.46
872	1	0:59: 2	1.8161	138.32
877	1	0:59:38	1.8261	139.18
882	1	1: 0:14	1.8361	139.19
887	1	1: 0:50	1.8461	140.05
892	1	1: 1:26	1.8561	140.07
897	1	1: 2: 2	1.8661	140.08
902	1	1: 2:38	1.8761	140.94
907	1	1: 3:14	1.8861	140.96
912	1	1: 3:50	1.8961	140.97
917	1	1: 4:26	1.9060	140.99
922	1	1: 5: 2	1.9160	141.85
927	1	1: 5:38	1.9260	141.86
932	1	1: 6:14	1.9360	142.72
937	1	1: 6:50	1.9460	142.73
942	1	1: 7:26	1.9560	143.59
947	1	1: 8: 1	1.9660	143.61
952	1	1: 8:37	1.9760	145.31
957	1	1: 9:13	1.9859	145.33
962	1	1: 9:49	1.9959	145.34
967	1	1:10:25	2.0059	145.36
972	1	1:11: 1	2.0159	146.21
977	1	1:11:37	2.0259	146.23
982	1	1:12:13	2.0359	147.09
987	1	1:12:49	2.0459	147.10
992	1	1:13:25	2.0559	147.12
997	1	1:14: 1	2.0659	147.98
1002	1	1:14:37	2.0758	147.99
1007	1	1:15:13	2.0858	148.85
1012	1	1:15:49	2.0958	148.87
1017	1	1:16:25	2.1058	149.73
1022	1	1:17: 1	2.1158	149.74
1027	1	1:17:37	2.1258	149.76
1032	1	1:18:13	2.1358	149.77
1037	1	1:18:49	2.1458	150.63
1042	1	1:19:25	2.1558	150.65
1047	1	1:20: 1	2.1657	151.51
1052	1	1:20:37	2.1757	151.52
1057	1	1:21:13	2.1857	151.54
1062	1	1:21:49	2.1957	151.55

WESTERN TESTING CO., INC.

Company: MULL DRILLING COMPANY INC  
Well: #2-X ZEIGLER  
Field: TKT 22073 DST 1

[Tuesday: Dec. 10, 1996]  
Page 5

REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)
1067	1	1:22:25	2.2068	151.57
1072	1	1:23:00	2.2168	151.58
1077	1	1:23:36	2.2268	152.44
1082	1	1:24:12	2.2368	154.14
1087	1	1:24:48	2.2468	154.16
1092	1	1:25:24	2.2568	154.17
1097	1	1:26:00	2.2667	154.19
1102	1	1:26:36	2.2767	154.21
1107	1	1:27:12	2.2867	154.22
1112	1	1:27:48	2.2967	154.24
1117	1	1:28:24	2.3067	155.94
END FLOW 2				
START SHUTIN 2				
1120	1	1:28:46	2.3127	159.32
1122	1	1:29:00	2.3166	163.54
1127	1	1:29:36	2.3265	172.82
1132	1	1:30:11	2.3364	182.11
1137	1	1:30:47	2.3464	188.02
1142	1	1:31:23	2.3563	193.10
1147	1	1:31:59	2.3663	197.33
1152	1	1:32:34	2.3762	200.71
1157	1	1:33:10	2.3862	203.26
1162	1	1:33:46	2.3962	205.80
1167	1	1:34:22	2.4062	208.34
1172	1	1:34:58	2.4161	210.89
1177	1	1:35:34	2.4261	212.59
1182	1	1:36:10	2.4361	215.13
1187	1	1:36:46	2.4460	217.68
1192	1	1:37:22	2.4560	219.38
1197	1	1:37:58	2.4660	221.08
1202	1	1:38:33	2.4760	222.78
1207	1	1:39:09	2.4859	224.48
1212	1	1:39:45	2.4959	227.03
1217	1	1:40:21	2.5059	228.73
1222	1	1:40:57	2.5159	229.58
1227	1	1:41:33	2.5259	230.44
1232	1	1:42:09	2.5358	232.14
1237	1	1:42:45	2.5458	234.69
1242	1	1:43:21	2.5558	234.70
1247	1	1:43:57	2.5658	235.56
1252	1	1:44:33	2.5757	238.95
1257	1	1:45:09	2.5857	238.96
1262	1	1:45:45	2.5957	238.98
1267	1	1:46:21	2.6057	239.00
1272	1	1:46:57	2.6157	239.85
1277	1	1:47:32	2.6257	240.71
1282	1	1:48:08	2.6357	240.73
1287	1	1:48:44	2.6457	240.74
1292	1	1:49:20	2.6556	242.44
1297	1	1:49:56	2.6656	242.46
1302	1	1:50:32	2.6756	242.48
1307	1	1:51:08	2.6856	243.33
1312	1	1:51:44	2.6956	244.19
1317	1	1:52:20	2.7056	244.21
1322	1	1:52:56	2.7156	245.07

WESTERN TESTING CO., INC.

Company: MULL DRILLING COMPANY INC  
Well: #2-X ZEIGLER  
Field: TKT 22073 DST 1

[Tuesday: Dec. 10, 1996]  
Page 6

REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)
1327	1	1:53:32	2.7256	245.08
1332	1	1:54: 8	2.7355	245.94
1337	1	1:54:44	2.7455	246.80
1342	1	1:55:20	2.7555	246.81
1347	1	1:55:56	2.7655	246.83
1352	1	1:56:32	2.7755	247.69
1357	1	1:57: 8	2.7855	247.70
1362	1	1:57:44	2.7955	248.56
1367	1	1:58:20	2.8055	248.58
1372	1	1:58:56	2.8154	249.44
1377	1	1:59:32	2.8254	249.45
1382	1	2: 0: 8	2.8354	249.47
1387	1	2: 0:44	2.8454	249.48
1392	1	2: 1:20	2.8554	249.50
1397	1	2: 1:55	2.8654	251.20
1402	1	2: 2:31	2.8754	252.06
1407	1	2: 3: 7	2.8854	252.07
1412	1	2: 3:43	2.8954	252.09
1417	1	2: 4:19	2.9053	252.10
1422	1	2: 4:55	2.9153	252.12
1427	1	2: 5:31	2.9253	252.14
1432	1	2: 6: 7	2.9353	252.15
1437	1	2: 6:43	2.9453	252.17
1442	1	2: 7:19	2.9553	252.18
1447	1	2: 7:55	2.9653	252.20
1452	1	2: 8:31	2.9753	252.21
1457	1	2: 9: 7	2.9853	252.23
1462	1	2: 9:43	2.9953	252.25
1467	1	2:10:19	3.0053	252.26
1472	1	2:10:55	3.0152	253.12
1477	1	2:11:31	3.0252	253.13
1482	1	2:12: 7	3.0352	253.15
1487	1	2:12:43	3.0452	253.17
1492	1	2:13:19	3.0552	253.18
1497	1	2:13:55	3.0652	254.04
1502	1	2:14:31	3.0752	254.06
1507	1	2:15: 7	3.0852	254.07
1512	1	2:15:43	3.0952	254.09
1517	1	2:16:19	3.1052	254.10
1522	1	2:16:55	3.1151	254.96
1527	1	2:17:30	3.1251	254.98
1532	1	2:18: 6	3.1351	254.99
1537	1	2:18:42	3.1451	255.01
1542	1	2:19:18	3.1551	255.87
1547	1	2:19:54	3.1651	255.88
1552	1	2:20:30	3.1751	255.90
1557	1	2:21: 6	3.1851	255.91
1562	1	2:21:42	3.1951	255.93
1567	1	2:22:18	3.2051	255.94
1572	1	2:22:54	3.2151	255.96
1577	1	2:23:30	3.2250	255.98
1582	1	2:24: 6	3.2350	255.99
1587	1	2:24:42	3.2450	256.01
1592	1	2:25:18	3.2550	256.02
1597	1	2:25:54	3.2650	256.04

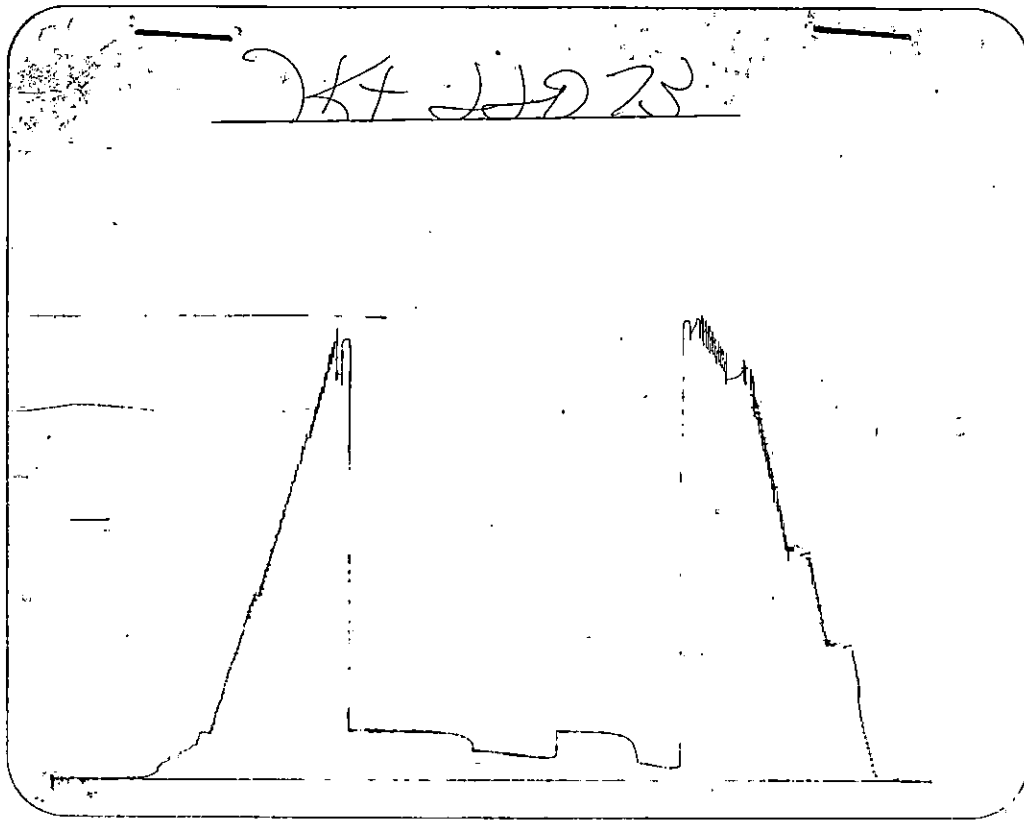
WESTERN TESTING CO., INC.

Company: MULL DRILLING COMPANY INC  
Well: #2-X ZEIGLER  
Field: TKT 22073 DST 1

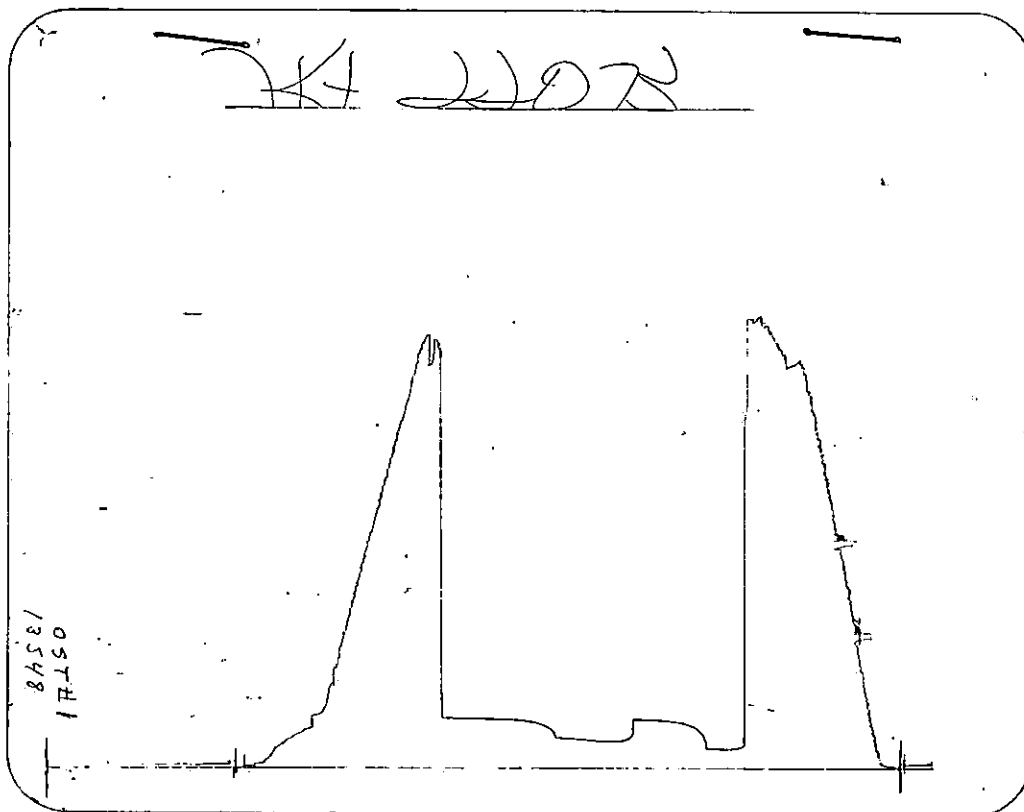
[Tuesday: Dec. 10, 1996]  
Page 7

REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)
1602	1	2:26:30	3.2750	256.05
1607	1	2:27: 6	3.2850	256.07
1612	1	2:27:42	3.2950	256.08
1617	1	2:28:18	3.3050	256.10
1622	1	2:28:54	3.3150	256.12
1627	1	2:29:30	3.3250	256.13
1632	1	2:30: 6	3.3349	256.99
1637	1	2:30:42	3.3449	257.01
1642	1	2:31:18	3.3549	257.02
1647	1	2:31:54	3.3649	257.04
1652	1	2:32:30	3.3749	257.05
1657	1	2:33: 6	3.3849	257.07
1662	1	2:33:42	3.3949	257.93
1667	1	2:34:18	3.4049	257.94
1672	1	2:34:54	3.4149	257.96
1677	1	2:35:30	3.4249	257.97
1682	1	2:36: 5	3.4349	257.99
1687	1	2:36:41	3.4448	258.00
1692	1	2:37:17	3.4548	258.02
1697	1	2:37:53	3.4648	258.04
1702	1	2:38:29	3.4748	258.05
1707	1	2:39: 5	3.4848	258.07
1712	1	2:39:41	3.4948	258.08
1717	1	2:40:17	3.5048	258.10
1722	1	2:40:53	3.5148	258.11
1727	1	2:41:29	3.5248	258.13
1732	1	2:42: 5	3.5348	258.14
1737	1	2:42:41	3.5448	258.16
1742	1	2:43:17	3.5548	258.18
1747	1	2:43:53	3.5647	258.19
1752	1	2:44:29	3.5747	258.21
1757	1	2:45: 5	3.5847	258.22
1762	1	2:45:41	3.5947	258.24
1767	1	2:46:17	3.6047	259.10
1772	1	2:46:53	3.6147	259.11
1777	1	2:47:29	3.6247	259.13
1782	1	2:48: 5	3.6347	259.14
1787	1	2:48:41	3.6447	259.16
1792	1	2:49:17	3.6547	259.17
1797	1	2:49:53	3.6647	259.19
1802	1	2:50:29	3.6746	259.21
1807	1	2:51: 5	3.6846	259.22
1812	1	2:51:41	3.6946	259.24
1817	1	2:52:17	3.7046	259.25
1822	1	2:52:53	3.7146	259.27
1827	1	2:53:29	3.7246	259.28
1832	1	2:54: 5	3.7346	259.30
1837	1	2:54:41	3.7446	259.32

WESTERN TESTING CO., INC.



Inside Recorder



Outside Recorder