

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

**CONFIDENTIAL**

Operator: License # 5215

Name: Lee Phillips Oil Company

Address 151 S. Whittier - #1400

City/State/Zip Wichita, KS 67207-1045

Purchaser: N/A

Operator Contact Person: Lee E. Phillips III

Phone (316) 681-4470

Contractor: Name: Mallard JV, Inc.

License: 4958

Wellsite Geologist: Mikeal K. Maune

Designate Type of Completion  
 New Well  Re-Entry  Workover

Oil  SWD  SLOW  Temp. Abd.  
 Gas  ENHR  SIGW  SIGV  
 Dry  Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

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

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

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

Deepening  Re-perf.  Conv. to Inj/SWD  
 Plug Back  PBTB  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SWD or Inj?)  Docket No. \_\_\_\_\_

11-6-97 11-13-97 11-13-97  
Spud Date Date Reached TD Completion Date

API NO. 15- 135-240420000

County NESS

C - SW - SE Sec. 1 Twp. 16S Rge. 25 XX <sup>E</sup>

660 Feet from (SW) (circle one) Line of Section

1980 Feet from (E/W) (circle one) Line of Section

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

Lease Name KRAUS Well # 1

Field Name \_\_\_\_\_

Producing Formation Mississippian

Elevation: Ground 2503 KB 2508

Total Depth 4500 PBTB 4500

Amount of Surface Pipe Set and Cemented at 255 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/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan D&A JKH 7-2-98  
(Data must be collected from the Reserve Pit)

Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls

Dewatering method used \_\_\_\_\_

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

Operator Name \_\_\_\_\_

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

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S Rng. \_\_\_\_\_ E/W

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

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, 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 Lee Phillips III  
Title Owner Date 12-10-97

Subscribed and sworn to before me this 10th day of December, 19 97.

Notary Public Celice M. Oaks  
Date Commission Expires May 10, 2000.



**K.C.C. OFFICE USE ONLY**  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Geologist Report Received  
  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other (Specify)

Operator Name Lee Phillips Oil Company Lease Name KRAUS Well # 1  
 Sec. 1 Twp. 16S Rge. 25  East County NESS  
 West

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 DST #1 4448 -  Yes  No  
 (Submit Copy.) 30-60-60-90 4500  
 List All E.Logs Run:  
 Rec. 5' clean oil 90' SO&GCM 4\$ oil 4%gas  
 5% wtr, 87% mud  
 Rec. 180' SO & GCWM - 1% oil, 3%gas, 18%wtr  
 & 78% mud IH 2254#, IFP 93-114#, ISIP 1112  
 FFP 156-166# FSEP 1091# FH 2222# BHT 118°F

Log Formation (Top), Depth and Datum  Sample

Name	Top	Datum
Anhydrite	1905 +603	
Base Anhydrite	1940 +568	
Heebner	3839 -1331	
Lansing	3876 -1368	
BKC	4182 -1674	
Marmaton	4236 -1728	
Pawnee	4305 -1797	
Ft. Scott	4383 -1875	
Cherokee	4409 -1901	
Base CK Line	4451 -1943	
Mississippi	4488 -1980	
RTD	4500 -1992	

**CASING RECORD**  New  Used

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"	24#	255'	60/40 poz	150	2%CC 2%gel

**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 TD				
<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

**TUBING RECORD**

Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No

Date of First, Resumed Production, SWD or Inj. D&A Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours	Oil N/A Bbls.	Gas N/A Mcf	Water N/A Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas: **METHOD OF COMPLETION** Production Interval

Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled \_\_\_\_\_  
 (If vented, submit ACO-18.)  Other (Specify) \_\_\_\_\_

**MALLARD JV, Inc.**  
 DRILLING CONTRACTORS  
 P. O. Box 1009  
 MCPHERSON, KS 67460  
 316-241-4640

ORIGINAL

**Drillers Log**

CONFIDENTIAL

OPERATOR: **Lee Phillips Oil Company**  
 151 S. Whittier, #1400  
 Wichita, KS 67207-1045

WELL: **Kraus #1**

API #: 15-135-24042-0000

COMMENCED: November 6, 1997

LOCATION: **C SW SE**  
 660' FSL, 1980' FEL  
 Section 1, Township 16 S, Range 25 W  
 Ness County, Kansas

COMPLETED: November 13, 1997

TOTAL DEPTH: 4500'

ELEVATION: 2955' GL, 2960' KB

REL 1010

JUN 29 1999

FROM CONFIDENTIAL

DEC 1 9  
 CONFIDENTIAL

STATUS: Dry and Abandoned - Mississippian Formation

SPUD: 4:50 pm 11/6/97

SIZE HOLE DRILLED: 12-1/4" x 255'

SURFACE CASING SIZE: 8-5/8" x 249'

SET AT: 255'

CEMENT: 150 sacks 60/40 Pozmix, 3% cc, 2% gel

SIZE HOLE DRILLED: 7-7/8" x 4500' RTD

PLUGGED HOLE WITH: 255 sacks 60/40 Pozmix, 6% gel, 1/4# Floseal per sack as follows:

- 50 sx @ 1940'
- 80 sx @ 1100'
- 40 sx @ 650'
- 50 sx @ 290'
- 10 sx @ 40'
- 15 sx rathole
- 10 sx mousehole

P. D.: 7:20 pm 11/13/97

DRILL STEM TESTS: 1

ELECTRIC LOG: None

CONFIDENTIAL





JUL 29 1999

DST REPORT

FROM CONFIDENTIAL

GENERAL INFORMATION

ORIGINAL 15-135-24042

DATE : 11-13-1997  
 CUSTOMER : LEE PHILLIPS OIL COMPANY  
 WELL : 1  
 ELEVATION: 2503 G.L.  
 SECTION : 1  
 RANGE : 25W COUNTY: NESS  
 GAUGE SN#: 10270 RANGE : 4150  
 TICKET : 22687  
 LEASE : KARUS  
 GEOLOGIST: MIKEAL MAUNE  
 FORMATION: MISSISSIPPI  
 TOWNSHIP : 16S  
 STATE : KS  
 CLOCK : 12 HR.

WELL INFORMATION

PERFORATION INTERVAL FROM: 4448.00 ft TO: 4500.00 ft TVD: 4500.0 ft  
 DEPTH OF SELECTIVE ZONE: TEST TYPE: OIL  
 DEPTH OF RECORDERS: 4492.0 ft 4495.0 ft  
 TEMPERATURE: 118.0

DRILL COLLAR LENGTH:	240.0 ft	I.D.:	2.250 in
WEIGHT PIPE LENGTH :	0.0 ft	I.D.:	0.000 in
DRILL PIPE LENGTH :	4181.0 ft	I.D.:	3.800 in
TEST TOOL LENGTH :	27.0 ft	TOOL SIZE :	5.500 in
ANCHOR LENGTH :	52.0 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 :	4.5 XH
PACKER DEPTH:	4443.0 ft	SIZE:	6.630 in
PACKER DEPTH:	4448.0 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. : MALLARD DRLG.  
 MUD TYPE : CHEMICAL  
 WEIGHT : 9.300 ppg  
 CHLORIDES : 2000 ppm  
 JARS-MAKE : W.T.C.  
 DID WELL FLOW?: NO  
 VISCOSITY : 49.00 cp  
 WATER LOSS: 8.800 cc  
 SERIAL NUMBER: 406  
 REVERSED OUT?: NO

COMMENTS

Comment

INITIAL FLOW PERIOD WEAK BLOW BUILDING TO A FAIR  
 BLOW 1 INCH TO 4 INCHES  
 FINAL FLOW PERIOD WEAK BLOW BUILDING TO A FAIR

DST REPORT (CONTINUED)

COMMENTS (CONTINUED)

Comment

BLOW 2 INCHES TO 4 INCHES

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
5.0	100.0	0.0	0.0	0.0	CLEAN OIL
90.0	4.0	4.0	5.0	87.0	SLI. OIL & GAS CUT MUD
180.0	1.0	3.0	18.0	78.0	SLI. OIL & GAS CUT WATERY
0.0	0.0	0.0	0.0	0.0	MUD

RATE INFORMATION

OIL VOLUME:	0.1076 STB	TOTAL FLOW TIME:	90.0000 min.
GAS VOLUME:	0.3099 SCF	AVERAGE OIL RATE:	6.7319 STB/D
MUD VOLUME:	1.3132 STB	AVERAGE WATER RATE:	19.1229 STB/D
WATER VOLUME:	0.1951 STB		
TOTAL FLUID :	1.6159 STB		

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2254.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	93.00	114.00
INITIAL SHUT-IN	60.00		1112.00
FINAL FLOW	60.00	156.00	166.00
FINAL SHUT-IN	90.00		1091.00

FINAL HYDROSTATIC PRESSURE: 2222.00

DST REPORT (CONTINUED)

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2256.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	113.33	126.43
INITIAL SHUT-IN	60.00		1112.60
FINAL FLOW	60.00	184.54	177.65
FINAL SHUT-IN	90.00		1110.12

FINAL HYDROSTATIC PRESSURE: 2231.00



Company: LEE PHILLIPS OIL COMPANY  
Well: KRAUS #1 DST #1  
Field: TKT #22687

[Thursday: Nov. 13, 1997]  
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REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)
START FLOW 1				
1	0	0: 0:33	0.0000	113.33
6	0	0: 1: 8	0.0100	109.85
11	0	0: 1:44	0.0199	108.96
16	0	0: 2:20	0.0299	108.08
21	0	0: 2:56	0.0399	108.06
26	0	0: 3:32	0.0499	107.17
31	0	0: 4: 8	0.0599	107.16
36	0	0: 4:44	0.0699	107.14
41	0	0: 5:20	0.0799	107.12
46	0	0: 5:56	0.0899	107.10
51	0	0: 6:32	0.0999	107.09
56	0	0: 7: 8	0.1099	107.94
61	0	0: 7:44	0.1198	107.92
66	0	0: 8:20	0.1298	107.90
71	0	0: 8:56	0.1398	107.88
76	0	0: 9:32	0.1498	107.86
81	0	0:10: 8	0.1598	107.85
86	0	0:10:44	0.1698	108.70
91	0	0:11:20	0.1798	108.68
96	0	0:11:56	0.1898	109.53
101	0	0:12:32	0.1998	110.38
106	0	0:13: 8	0.2098	110.36
111	0	0:13:44	0.2198	111.21
116	0	0:14:20	0.2298	111.19
121	0	0:14:56	0.2398	112.04
126	0	0:15:32	0.2498	112.89
131	0	0:16: 8	0.2598	112.87
136	0	0:16:44	0.2698	113.72
141	0	0:17:20	0.2798	114.57
146	0	0:17:56	0.2898	114.56
151	0	0:18:32	0.2998	115.41
156	0	0:19: 8	0.3098	116.26
161	0	0:19:44	0.3198	117.10
166	0	0:20:20	0.3298	117.95
171	0	0:20:56	0.3398	118.80
176	0	0:21:32	0.3498	118.79
181	0	0:22: 8	0.3598	120.50
186	0	0:22:44	0.3698	121.35
191	0	0:23:20	0.3798	121.34
196	0	0:23:56	0.3898	122.19
201	0	0:24:32	0.3998	123.03
206	0	0:25: 8	0.4098	123.88
211	0	0:25:44	0.4198	124.73
216	0	0:26:20	0.4298	125.58
221	0	0:26:56	0.4398	126.43
END FLOW 1				
START SHUTIN 1				
223	0	0:27:10	0.4437	126.43
226	0	0:27:32	0.4498	127.28
231	0	0:28: 9	0.4600	159.36
235	0	0:28:41	0.4690	266.89
239	0	0:29:12	0.4776	326.72
243	0	0:29:42	0.4860	370.94
247	0	0:30:12	0.4944	409.96

Company: LEE PHILLIPS OIL COMPANY  
Well: KRAUS #1 DST #1  
Field: TKT #22687

[Thursday: Nov. 13, 1997]  
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REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)
252	0	0:30:50	0.5047	449.84
257	0	0:31:27	0.5151	488.85
262	0	0:32: 4	0.5253	511.38
267	0	0:32:40	0.5355	533.05
272	0	0:33:17	0.5458	562.52
277	0	0:33:54	0.5559	582.45
282	0	0:34:31	0.5661	602.38
287	0	0:35: 7	0.5763	619.71
292	0	0:35:44	0.5864	637.90
297	0	0:36:20	0.5966	652.63
302	0	0:36:57	0.6067	666.49
307	0	0:37:33	0.6168	681.22
312	0	0:38:10	0.6270	698.55
317	0	0:38:46	0.6371	711.54
322	0	0:39:22	0.6472	722.80
327	0	0:39:59	0.6573	732.32
332	0	0:40:35	0.6674	745.31
337	0	0:41:11	0.6775	754.83
342	0	0:41:48	0.6876	764.36
347	0	0:42:24	0.6976	773.88
352	0	0:43: 0	0.7077	782.54
357	0	0:43:37	0.7178	792.93
362	0	0:44:13	0.7279	801.58
367	0	0:44:49	0.7379	810.24
372	0	0:45:25	0.7480	818.03
377	0	0:46: 2	0.7581	827.55
382	0	0:46:38	0.7681	834.47
387	0	0:47:14	0.7782	841.39
392	0	0:47:50	0.7883	850.05
397	0	0:48:26	0.7983	857.83
402	0	0:49: 3	0.8084	863.02
407	0	0:49:39	0.8184	869.07
412	0	0:50:15	0.8285	877.73
417	0	0:50:51	0.8385	883.78
422	0	0:51:27	0.8486	890.70
427	0	0:52: 4	0.8586	895.89
432	0	0:52:40	0.8687	901.94
437	0	0:53:16	0.8787	908.00
442	0	0:53:52	0.8888	913.18
447	0	0:54:28	0.8988	919.24
452	0	0:55: 4	0.9089	925.29
457	0	0:55:41	0.9189	931.34
462	0	0:56:17	0.9290	936.53
467	0	0:56:53	0.9390	941.72
472	0	0:57:29	0.9491	946.90
477	0	0:58: 5	0.9591	950.36
482	0	0:58:41	0.9691	956.41
487	0	0:59:17	0.9792	961.60
492	0	0:59:54	0.9892	965.91
497	0	1: 0:30	0.9992	971.10
502	0	1: 1: 6	1.0093	976.29
507	0	1: 1:42	1.0193	980.61
512	0	1: 2:18	1.0293	984.92
517	0	1: 2:54	1.0394	989.24
522	0	1: 3:30	1.0494	991.83

Company: LEE PHILLIPS OIL COMPANY  
Well: KRAUS #1 DST #1  
Field: TKT #22687

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REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)
527	0	1: 4: 6	1.0594	995.28
532	0	1: 4:43	1.0695	1000.47
537	0	1: 5:19	1.0795	1005.65
542	0	1: 5:55	1.0895	1009.97
547	0	1: 6:31	1.0996	1013.42
552	0	1: 7: 7	1.1096	1016.87
557	0	1: 7:43	1.1196	1021.19
562	0	1: 8:19	1.1296	1024.65
567	0	1: 8:55	1.1396	1027.23
572	0	1: 9:31	1.1497	1031.55
577	0	1:10: 7	1.1597	1035.00
582	0	1:10:44	1.1697	1038.45
587	0	1:11:20	1.1797	1041.90
592	0	1:11:56	1.1898	1045.35
597	0	1:12:32	1.1998	1048.81
602	0	1:13: 8	1.2098	1051.39
607	0	1:13:44	1.2198	1053.98
612	0	1:14:20	1.2299	1057.43
617	0	1:14:56	1.2399	1060.88
622	0	1:15:32	1.2499	1064.33
627	0	1:16: 8	1.2599	1067.78
632	0	1:16:44	1.2700	1071.23
637	0	1:17:20	1.2800	1073.82
642	0	1:17:56	1.2900	1076.40
647	0	1:18:33	1.3000	1079.85
652	0	1:19: 9	1.3100	1082.44
657	0	1:19:45	1.3200	1085.02
662	0	1:20:21	1.3300	1087.61
667	0	1:20:57	1.3401	1091.06
672	0	1:21:33	1.3501	1094.51
677	0	1:22: 9	1.3601	1097.09
682	0	1:22:45	1.3701	1099.68
687	0	1:23:21	1.3801	1102.26
692	0	1:23:57	1.3902	1104.85
697	0	1:24:33	1.4002	1107.43
702	0	1:25: 9	1.4102	1110.02
707	0	1:25:45	1.4202	1112.60
		END SHUTIN 1		
		START FLOW 2		
712	0	1:25:50	1.4215	184.54
716	0	1:26:19	1.4295	181.06
721	0	1:26:54	1.4394	177.57
726	0	1:27:30	1.4494	174.95
731	0	1:28: 6	1.4594	173.20
736	0	1:28:42	1.4693	172.32
741	0	1:29:18	1.4793	170.56
746	0	1:29:54	1.4893	169.68
751	0	1:30:30	1.4993	168.79
756	0	1:31: 6	1.5093	168.78
761	0	1:31:42	1.5193	167.89
766	0	1:32:18	1.5293	167.87
771	0	1:32:54	1.5392	167.86
776	0	1:33:30	1.5492	167.84
781	0	1:34: 6	1.5592	167.82
786	0	1:34:42	1.5692	167.80

Company: LEE PHILLIPS OIL COMPANY  
Well: KRAUS #1 DST #1  
Field: TKT #22687

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REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)
791	0	1:35:18	1.5792	167.79
796	0	1:35:54	1.5892	168.64
801	0	1:36:30	1.5992	168.62
806	0	1:37: 6	1.6092	168.60
811	0	1:37:42	1.6192	168.58
816	0	1:38:18	1.6292	169.43
821	0	1:38:54	1.6392	169.41
826	0	1:39:29	1.6492	169.40
831	0	1:40: 5	1.6592	170.25
836	0	1:40:41	1.6691	170.23
841	0	1:41:17	1.6791	170.21
846	0	1:41:53	1.6891	170.19
851	0	1:42:29	1.6991	170.18
856	0	1:43: 5	1.7091	171.02
861	0	1:43:41	1.7191	171.01
866	0	1:44:17	1.7291	170.99
871	0	1:44:53	1.7391	170.97
876	0	1:45:29	1.7491	171.82
881	0	1:46: 5	1.7591	171.80
886	0	1:46:41	1.7691	171.79
891	0	1:47:17	1.7791	171.77
896	0	1:47:53	1.7891	171.75
901	0	1:48:29	1.7991	171.73
906	0	1:49: 5	1.8090	171.72
911	0	1:49:41	1.8190	171.70
916	0	1:50:17	1.8290	171.68
921	0	1:50:53	1.8390	171.66
926	0	1:51:29	1.8490	171.64
931	0	1:52: 5	1.8590	171.63
936	0	1:52:41	1.8690	172.48
941	0	1:53:17	1.8790	172.46
946	0	1:53:53	1.8890	172.44
951	0	1:54:29	1.8990	172.42
956	0	1:55: 5	1.9090	172.41
961	0	1:55:41	1.9190	172.39
966	0	1:56:17	1.9290	172.37
971	0	1:56:53	1.9390	172.35
976	0	1:57:29	1.9490	173.20
981	0	1:58: 5	1.9589	173.19
986	0	1:58:41	1.9689	173.17
991	0	1:59:17	1.9789	173.15
996	0	1:59:53	1.9889	173.13
1001	0	2: 0:29	1.9989	173.11
1006	0	2: 1: 5	2.0089	173.10
1011	0	2: 1:41	2.0189	173.08
1016	0	2: 2:16	2.0289	173.06
1021	0	2: 2:52	2.0389	173.04
1026	0	2: 3:28	2.0489	173.03
1031	0	2: 4: 4	2.0589	173.01
1036	0	2: 4:40	2.0689	173.86
1041	0	2: 5:16	2.0788	173.84
1046	0	2: 5:52	2.0888	174.69
1051	0	2: 6:28	2.0988	174.67
1056	0	2: 7: 4	2.1088	174.65
1061	0	2: 7:40	2.1188	174.64

Company: LEE PHILLIPS OIL COMPANY  
Well: KRAUS #1 DST #1  
Field: TKT #22687

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REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)
1066	0	2: 8:16	2.1288	175.49
1071	0	2: 8:52	2.1388	175.47
1076	0	2: 9:28	2.1488	175.45
1081	0	2:10: 4	2.1588	175.43
1086	0	2:10:40	2.1688	175.42
1091	0	2:11:16	2.1788	175.40
1096	0	2:11:52	2.1888	175.38
1101	0	2:12:28	2.1988	175.36
1106	0	2:13: 4	2.2088	175.35
1111	0	2:13:40	2.2188	176.20
1116	0	2:14:16	2.2287	176.18
1121	0	2:14:52	2.2387	176.16
1126	0	2:15:28	2.2487	176.14
1131	0	2:16: 4	2.2587	176.99
1136	0	2:16:40	2.2687	176.97
1141	0	2:17:16	2.2787	176.96
1146	0	2:17:52	2.2887	176.94
1151	0	2:18:28	2.2987	177.79
1156	0	2:19: 4	2.3087	177.77
1161	0	2:19:40	2.3187	177.75
1166	0	2:20:16	2.3287	177.74
1171	0	2:20:52	2.3387	177.72
1176	0	2:21:28	2.3487	177.70
1181	0	2:22: 4	2.3587	177.68
1186	0	2:22:40	2.3686	177.66
1191	0	2:23:16	2.3786	177.65
		END FLOW 2		
		END SHUTIN 2		
1192	0	2:23:23	2.3808	194.12
1195	0	2:23:47	2.3874	259.16
1199	0	2:24:18	2.3959	318.99
1204	0	2:24:55	2.4063	356.27
1209	0	2:25:32	2.4166	389.21
1214	0	2:26: 9	2.4269	418.68
1219	0	2:26:46	2.4371	444.68
1224	0	2:27:23	2.4473	464.62
1229	0	2:27:59	2.4575	484.55
1234	0	2:28:36	2.4676	501.87
1239	0	2:29:12	2.4778	519.20
1244	0	2:29:49	2.4879	533.93
1249	0	2:30:25	2.4980	546.92
1254	0	2:31: 2	2.5081	560.78
1259	0	2:31:38	2.5182	573.77
1264	0	2:32:15	2.5283	585.03
1269	0	2:32:51	2.5385	598.89
1274	0	2:33:27	2.5485	609.28
1279	0	2:34: 4	2.5587	621.41
1284	0	2:34:40	2.5687	630.93
1289	0	2:35:16	2.5788	639.59
1294	0	2:35:53	2.5889	649.98
1299	0	2:36:29	2.5990	658.63
1304	0	2:37: 5	2.6091	669.02
1309	0	2:37:41	2.6191	677.68
1314	0	2:38:18	2.6292	688.07
1319	0	2:38:54	2.6393	694.99

Company: LEE PHILLIPS OIL COMPANY  
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REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)
1324	0	2:39:30	2.6493	702.78
1329	0	2:40: 6	2.6594	710.56
1334	0	2:40:43	2.6695	717.49
1339	0	2:41:19	2.6795	723.54
1344	0	2:41:55	2.6896	732.19
1349	0	2:42:31	2.6997	739.98
1354	0	2:43: 7	2.7097	745.17
1359	0	2:43:44	2.7198	752.09
1364	0	2:44:20	2.7298	759.88
1369	0	2:44:56	2.7399	766.80
1374	0	2:45:32	2.7499	773.72
1379	0	2:46: 8	2.7600	778.91
1384	0	2:46:45	2.7700	784.96
1389	0	2:47:21	2.7801	791.01
1394	0	2:47:57	2.7901	796.20
1399	0	2:48:33	2.8002	803.12
1404	0	2:49: 9	2.8102	810.04
1409	0	2:49:45	2.8203	814.36
1414	0	2:50:22	2.8303	820.41
1419	0	2:50:58	2.8403	825.60
1424	0	2:51:34	2.8504	830.79
1429	0	2:52:10	2.8604	834.24
1434	0	2:52:46	2.8705	841.16
1439	0	2:53:22	2.8805	845.48
1444	0	2:53:58	2.8905	848.93
1449	0	2:54:35	2.9006	854.98
1454	0	2:55:11	2.9106	859.30
1459	0	2:55:47	2.9206	863.62
1464	0	2:56:23	2.9307	867.94
1469	0	2:56:59	2.9407	873.99
1474	0	2:57:35	2.9507	878.31
1479	0	2:58:11	2.9608	883.50
1484	0	2:58:47	2.9708	887.82
1489	0	2:59:24	2.9809	892.14
1494	0	3: 0: 0	2.9909	896.46
1499	0	3: 0:36	3.0009	900.78
1504	0	3: 1:12	3.0109	905.09
1509	0	3: 1:48	3.0210	907.68
1514	0	3: 2:24	3.0310	912.86
1519	0	3: 3: 0	3.0410	916.32
1524	0	3: 3:36	3.0511	920.64
1529	0	3: 4:12	3.0611	924.95
1534	0	3: 4:49	3.0711	927.54
1539	0	3: 5:25	3.0811	931.86
1544	0	3: 6: 1	3.0912	936.18
1549	0	3: 6:37	3.1012	939.63
1554	0	3: 7:13	3.1112	943.08
1559	0	3: 7:49	3.1212	946.53
1564	0	3: 8:25	3.1313	949.12
1569	0	3: 9: 1	3.1413	952.57
1574	0	3: 9:37	3.1513	956.02
1579	0	3:10:13	3.1613	959.47
1584	0	3:10:49	3.1714	963.79
1589	0	3:11:26	3.1814	967.24
1594	0	3:12: 2	3.1914	970.69

Company: LEE PHILLIPS OIL COMPANY  
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REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)
1599	0	3:12:38	3.2014	973.28
1604	0	3:13:14	3.2115	976.73
1609	0	3:13:50	3.2215	979.31
1614	0	3:14:26	3.2315	981.90
1619	0	3:15: 2	3.2415	985.35
1624	0	3:15:38	3.2515	987.93
1629	0	3:16:14	3.2616	991.39
1634	0	3:16:50	3.2716	993.97
1639	0	3:17:26	3.2816	996.55
1644	0	3:18: 2	3.2916	999.14
1649	0	3:18:38	3.3016	1001.72
1654	0	3:19:14	3.3116	1005.17
1659	0	3:19:50	3.3217	1007.76
1664	0	3:20:27	3.3317	1010.34
1669	0	3:21: 3	3.3417	1012.93
1674	0	3:21:39	3.3517	1015.51
1679	0	3:22:15	3.3617	1018.10
1684	0	3:22:51	3.3717	1020.68
1689	0	3:23:27	3.3818	1023.26
1694	0	3:24: 3	3.3918	1024.98
1699	0	3:24:39	3.4018	1027.57
1704	0	3:25:15	3.4118	1030.15
1709	0	3:25:51	3.4218	1032.73
1714	0	3:26:27	3.4318	1035.32
1719	0	3:27: 3	3.4418	1037.90
1724	0	3:27:39	3.4519	1040.49
1729	0	3:28:15	3.4619	1043.07
1734	0	3:28:51	3.4719	1044.79
1739	0	3:29:27	3.4819	1047.37
1744	0	3:30: 3	3.4919	1049.09
1749	0	3:30:39	3.5019	1051.67
1754	0	3:31:15	3.5119	1054.26
1759	0	3:31:52	3.5220	1055.98
1764	0	3:32:28	3.5320	1057.69
1769	0	3:33: 4	3.5420	1060.28
1774	0	3:33:40	3.5520	1062.86
1779	0	3:34:16	3.5620	1064.58
1784	0	3:34:52	3.5720	1067.16
1789	0	3:35:28	3.5820	1068.88
1794	0	3:36: 4	3.5920	1070.60
1799	0	3:36:40	3.6020	1073.18
1804	0	3:37:16	3.6120	1074.90
1809	0	3:37:52	3.6221	1076.61
1814	0	3:38:28	3.6321	1078.33
1819	0	3:39: 4	3.6421	1080.92
1824	0	3:39:40	3.6521	1082.63
1829	0	3:40:16	3.6621	1084.35
1834	0	3:40:52	3.6721	1086.07
1839	0	3:41:28	3.6821	1087.78
1844	0	3:42: 4	3.6921	1089.50
1849	0	3:42:40	3.7021	1091.22
1854	0	3:43:16	3.7121	1093.80
1859	0	3:43:52	3.7221	1095.52
1864	0	3:44:28	3.7322	1097.24
1869	0	3:45: 4	3.7422	1098.95

Company: LEE PHILLIPS OIL COMPANY  
Well: KRAUS #1 DST #1  
Field: TKT #22687

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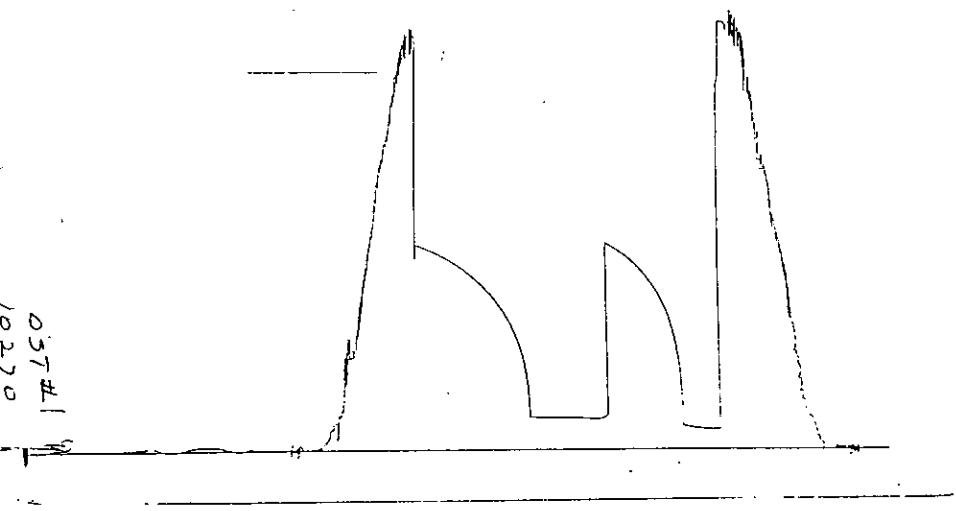
REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)
1874	0	3:45:40	3.7522	1101.54
1879	0	3:46:16	3.7622	1103.25
1884	0	3:46:52	3.7722	1104.97
1889	0	3:47:28	3.7822	1106.69
1894	0	3:48: 4	3.7922	1108.40
1899	0	3:48:41	3.8022	1110.12

WESTERN TESTING CO., INC.



TK# 22687  
I.

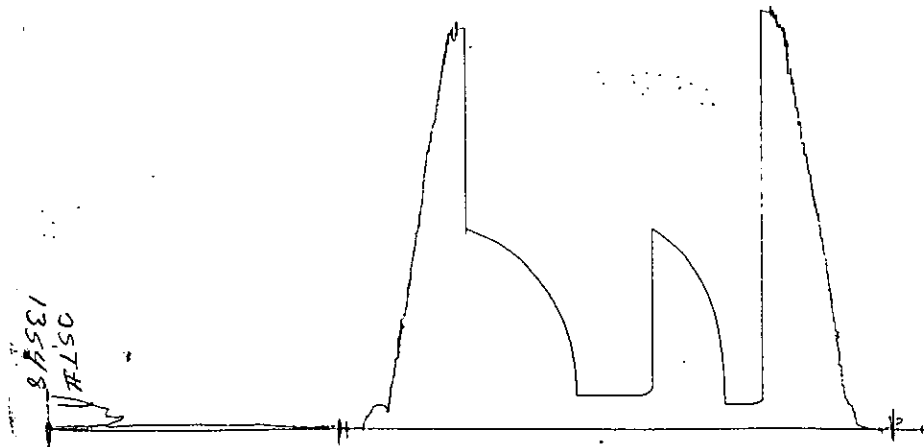
OST# 1150  
10270



Inside Recorder

TK# 22687  
O.

OST# 1150  
8/5/8



Outside Recorder