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Petroleum Management, Inc. FROM CONFIDENTIAL

Wichita, KS 67208

GEOLOGICAL REPORT

Lewis "B" #1
NE SE NE Section 25-27S-8E
Greenwood County, Kansas

CONTRACTOR: Gaines Drilling
COMMENCED: August 6, 1990
COMPLETED: August 12, 1990
ELEVATION: 1378 GL 1384 KB
SURFACE CASING: Set 201' of 8 5/8" casing at 203' with 135 sx Class A Cement
PRODUCTION CASING: None
DRILLING TIMES: One-foot drilling time from 1425' to 2600' (RTD)
SAMPLE DEPTHS: Ten-foot samples saved and examined from 1550' to 1750';
Five-foot samples saved and examined from 1750' to 1850';
Ten-foot samples saved and examined from 1850' to 2600' RTD.
ELECTRIC LOGS: None

FORMATION TOPS
(Kelly Bushing Elevation)

	<u>Sample Depth</u>	<u>Datum</u>
Kansas City	1715'	- 331
Base Kansas City	1852'	- 468
Cleveland Sand	1854'	- 470
Base Cleveland Sand	1884'	- 500
Marmaton	1997'	- 613
Fort Scott Limestone	2149'	- 765
Cherokee Shale	2185'	- 801
Ardmore Lime	2262'	- 878
Mississippian Limestone	2492'	-1108
Rotary Total Depth	2600'	-1216

25-27-8E

COPY

SAMPLE DESCRIPTIONS
Zones of Interest

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Kansas City 1839 - 1844'

Limestone; white, fine crystalline, slightly fossiliferous, poor intercrystalline porosity, spotted stain, slight show of free oil, much calcite cement present, spotted golden florescence, no odor.

Cleveland Sand 1854-1884'

Sandstone; white, fine grained subround, calcite cement matrix, poor to fair intergranular porosity, with spotted stain, fair golden florescence, slight show of free oil, no odor. Zone appears to have less porosity in the top and base with the best porosity and show from 1860'-1874'.

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Drill Stem Test #11850' - 1879'

Open 45 min. with a weak blow. Closed 60 min.
Open 60 min. with a weak blow that died in 45 min.
Closed 60 min. Recovered 130' of drilling mud with a few oil spots.

IFP 30-65 psi
ISIP 610 psi

FFP 75-95 psi
FSIP 610 psi

Bartlesville Sand 2315-2320'

Sandstone; cream to white, fine grained, subrounded, slightly micaceous, much calcite cement, scattered stain, no odor. Poor intergranular porosity.

Mississippian Limestone
2492'

Limestone white, fine crystalline, slightly pyritic, contains chert white, fresh, slightly fossiliferous.

Mississippian Dolomite
2512'

Dolomitic limestone, beige, fine crystalline, succrosic texture, no shows, poor intercrystalline porosity.

Rotary Total Depth 2600'REMARKS

Due to the low structural position in relation to the Beaumont Field and the results of DST #1, it was decided to plug this test.

R. Gregory Williams
Geologist

COMPANY P-m-I FARM Lewis WELL NO. B-1
 SEC. 25 TWP. 27 RGE. 8E LOC. NE SENE COUNTY Gw STATE KS
 CONTRACTOR Gaines Drilling SIZE HOLE 7 7/8" DRILL PIPE 4 1/2"
 REMARKS: SIZE PUMP LINERS 6" LENGTH STROKE 14"

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DATE 8-9-90

DEPTH	TIME O'CLOCK	MIN.	REMARKS
<u>1450</u>	<u>51</u>	<u>1 1/2</u>	
		<u>1 1/2</u>	
		<u>1 1/2</u>	
		<u>1 1/2</u>	
<u>55</u>		<u>1 1/2</u>	
		<u>1 1/2</u>	
		<u>1 1/2</u>	
		<u>1 1/2</u>	
		<u>1</u>	
<u>60</u>		<u>1</u>	
		<u>2</u>	
		<u>1 1/2</u>	
		<u>1 1/2</u>	
		<u>1 1/2</u>	CONN
<u>65</u>		<u>2</u>	
		<u>2</u>	
		<u>2 1/2</u>	
		<u>2 1/2</u>	
<u>70</u>		<u>3</u>	
		<u>2 1/2</u>	
		<u>2 1/2</u>	
		<u>2 1/2</u>	
		<u>2 1/2</u>	
<u>75</u>		<u>2 1/2</u>	
		<u>2</u>	
		<u>2</u>	
		<u>2</u>	
		<u>2 1/2</u>	
<u>80</u>		<u>2</u>	
		<u>2 1/2</u>	
		<u>2 1/2</u>	
		<u>2 1/2</u>	
		<u>2</u>	
<u>85</u>		<u>2</u>	
		<u>2 1/2</u>	
		<u>2</u>	
		<u>2</u>	
<u>90</u>		<u>2</u>	
		<u>2 1/2</u>	
		<u>1 1/2</u>	
		<u>3 1/2</u>	CONN
<u>95</u>		<u>2 1/2</u>	
		<u>2 1/2</u>	
		<u>1 1/2</u>	
		<u>1 1/2</u>	
<u>1500</u>		<u>1 1/2</u>	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
<u>1500</u>	<u>01</u>	<u>1 1/2</u>	
		<u>1 1/2</u>	
		<u>2</u>	
		<u>3 1/2</u>	
<u>05</u>		<u>2 1/2</u>	
		<u>2</u>	
		<u>2</u>	
		<u>2</u>	
		<u>2</u>	
<u>10</u>		<u>2</u>	
		<u>2</u>	
		<u>2</u>	
		<u>2</u>	
		<u>2</u>	
<u>15</u>		<u>1 1/2</u>	
		<u>1</u>	
		<u>1</u>	
		<u>1</u>	
<u>20</u>		<u>1</u>	
		<u>1</u>	
		<u>1</u>	
		<u>1</u>	
		<u>2 1/2</u>	CONN
<u>25</u>		<u>2</u>	
		<u>2</u>	
		<u>2</u>	
		<u>2</u>	
		<u>2</u>	
<u>30</u>		<u>1 1/2</u>	
		<u>1</u>	
		<u>1 1/2</u>	
		<u>1 1/2</u>	
		<u>1 1/2</u>	
		<u>1 1/2</u>	
		<u>1 1/2</u>	
<u>35</u>		<u>1 1/2</u>	
		<u>1 1/2</u>	
		<u>1 1/2</u>	
		<u>1 1/2</u>	
		<u>1 1/2</u>	
<u>40</u>		<u>1 1/2</u>	
		<u>1 1/2</u>	
		<u>1 1/2</u>	
		<u>1 1/2</u>	
<u>45</u>		<u>1 1/2</u>	
		<u>1 1/2</u>	
		<u>1 1/2</u>	
		<u>1 1/2</u>	
<u>1550</u>		<u>1 1/2</u>	

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ROTARY DRILLING TIME SHEET # 503
 KANSAS BLUE PRINT CO., WICHITA, KAN.

COMPANY PMI FARM Lewis WELL NO. B-1
 SEC. 25 TWP. 9 RGE. 8E LOC. NE SE NE COUNTY GW STATE KS
 CONTRACTOR Grimes Drilling SIZE HOLE 7 7/8 DRILL PIPE 4 1/2 x 11
 REMARKS: SIZE PUMP LINERS 6 LENGTH STROKE 14

CONFIDENTIAL

DATE 8-9-90

DEPTH	TIME O'CLOCK	MIN.	REMARKS
1550			
51		1 1/2	
		1 1/2	
		1 1/2	
		1	CONN
55		1	
		1 1/2	
		1	
		3	
60		1 1/2	
		1 1/2	
		1 1/2	
		1 1/2	
65		1 1/2	
		1 1/2	
		1 1/2	
		2	
		1 1/2	
70		1 1/2	
		2	
		1 1/2	
		1 1/2	
		1 1/2	
75		1 1/2	
		2	
		2	
		2	
		2	
80		2	
		2	
		1 1/2	
		1 1/2	CONN
85		1 1/2	
		1 1/2	
		1 1/2	
		2	
90		2	
		2 1/2	
		1 1/2	
		1 1/2	
95		2	
		2	
		2	
		2 1/2	
1600		2	

ROTARY DRILLING TIME SHEET # 603
 KANSAS BLUE PRINT CO., WICHITA, KAN.

DEPTH	TIME O'CLOCK	MIN.	REMARKS
1600			
01		2	
		2	
		2	
		2	
		2	
05		2	
		2	
		1 1/2	
		2	
10		2	
		2 1/2	
		2 1/2	
		2	
		1 1/2	CONN
15		2	
		2	
		2	
		2	
		2	
20		2	
		1 1/2	
		2	
		2	
		2	
25		2	
		2	
		2	
		2	
		2 1/2	
30		2 1/2	
		2	
		2	
		2 1/2	
		2 1/2	
35		2	
		2	
		2	
		2 1/2	
		2 1/2	
40		2	
		3	
		3	
		2	
		2	CONN.
45		2	
		2	
		2 1/2	
		2 1/2	
		2 1/2	
1650		2	

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COMPANY PMI FARM Lewis WELL NO. B-1
 SEC. 25 TWP. 27 RGE. 8E LOC. NE SE NE COUNTY GW STATE KS.
 CONTRACTOR Grimes Drilling SIZE HOLE 7 7/8 DRILL PIPE 4 1/2 x 11
 REMARKS: SIZE PUMP LINERS 6 LENGTH STROKE 14

DATE 8-9-90

DEPTH	TIME O'CLOCK	MIN.	REMARKS
1650 51		2	
		2 1/2	
		2	
		2 1/2	
55		2 1/2	
		2 1/2	
		3	
		2 1/2	
60		2	
		2 1/2	
		2 1/2	
		2	
65		2	
		2	
		2 1/2	
		2	
70		2	
		2 1/2	
		2	
		2	
75		2 1/2	CONN.
		2 1/2	
		2 1/2	
		3	
80		2 1/2	
		3	
		3	
		3	
85		4	
		4 1/2	
		4	
		4 1/2	
90		2 1/2	
		2	
		2	
		1 1/2	
95		2	
		2	
		2	
		2	
1700		2	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
1100 01		2	
		2	
		2	
		2 1/2	CONN.
05		2	
		2 1/2	
		4 1/2	
		6 1/2	
		4 1/2	
10		4 1/2	
		4	
		2 1/2	
		2 1/2	
		3 1/2	
15		2 1/2	
		2	
		2 1/2	
		2 1/2	
		4 1/2	
20		3	
		4	
		3	
		6	
		6 1/2	
25		3 1/2	
		5 1/2	
		4 1/2	
		5	
		7	
30		5	
		4	
		4 1/2	
		3	
		4 1/2	CONN.
35		4 1/2	
		4	
		4	
		4 1/2	
40		3 1/2	
		4	
		5	
		5 1/2	
		4	
		4 1/2	
45		6	
		4 1/2	
		5	
		2 1/2	
		2	
1750		2 1/2	

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ROTARY DRILLING TIME SHEET # 403
 KANSAS BLUE PRINT CO. WICHITA, KAN.

COMPANY PMI FARM Lewis WELL NO. B-1
 SEC. 22 TWP. 27 N. RGE. 8E LOC. NE SE NE COUNTY GW. STATE KS.
 CONTRACTOR GAINES DRILLING SIZE HOLE 7 7/8 DRILL PIPE 4 1/2 x 4
 REMARKS: SIZE PUMP LINERS 16 LENGTH STROKE 14

DATE 8-10-90

DEPTH	TIME O'CLOCK	MIN.	REMARKS
1750	51	2 1/2	
		3	
		4 1/2	
		4 1/2	
55		3 1/2	
		3 1/2	
		2 1/2	
		3	
		1 1/2	
60		2	
		2	
		3 1/2	
		2 1/2	
		3	CONN
65		3	
		2	
		2 1/2	
		2 1/2	
70		2	
		2	
		3 1/2	
		4 1/2	
75		2	
		2	
		1 1/2	
		2	
80		2	
		2	
		3	
		1 1/2	
85		2	
		3	
		3 1/2	
		4 1/2	
90			
		5 1/2	
		1	
		6 1/2	
		4 1/2	CONN.
95		3	
		3	
		3	
		2 1/2	
1000		3	

ROTARY DRILLING TIME SHEET - 503
 KANSAS BLUE PRINT CO. WICHITA, KAN.

DEPTH	TIME O'CLOCK	MIN.	REMARKS
1800	01	3	
		3	
		3	
		3 1/2	
05		3 1/2	
		3	
		2 1/2	
		1 1/2	
		1	
10		2 1/2	
		3 1/2	
		3 1/2	
		4 1/2	
		4	
15		2 1/2	
		1 1/2	
		2	
		2 1/2	
		2 1/2	
20		3 1/2	
		3 1/2	
		3 1/2	
		3	CONN
25		3 1/2	
		3 1/2	
		3	
		3 1/2	
		4 1/2	
30		4 1/2	
		4	
		3 1/2	
		3 1/2	
		2 1/2	
35		2 1/2	
		2 1/2	
		3	
		3	
		3 1/2	
40		3	
		3	
		4 1/2	
		4 1/2	
		4 1/2	
45		4 1/2	
		2	
		4 1/2	
		4 1/2	
		4 1/2	
1850		4	

If you need
 Geosig is
 at the first
 well we drilled

STOP DON'T DRILL
 PAST.

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COMPANY PMI FARM Lewis WELL NO. #81
 SEC 25 TWP 27 RGE 8E LOC. NE SE NE COUNTY Gm STATE KS
 CONTRACTOR GAINES Drilling SIZE HOLE 7 7/8 DRILL PIPE 4 1/2
 REMARKS: SIZE PUMP LINERS 6 LENGTH STROKE 14

DATE 8-10-90

DEPTH	TIME O'CLOCK	MIN.	REMARKS
50		3 1/2	
51		3	
		2	
		2 1/2	CONN
55		2 1/2	
		2 1/2	
		2	
		2	
		2	
60		2 1/2	
		2 1/2	
		2 1/2	
		2 1/2	
65		2 1/2	
		2 1/2	
		2 1/2	
		2 1/2	
70		2 1/2	
		2 1/2	
		2 1/2	
		2 1/2	
75		3 1/2	
		2	
		1 1/2	
		1 1/2	
80		1 1/2	CIR For Samples
		1	
		1	
		1 1/2	
		1 1/2	
85		3 1/2	
		3	
		3	
		1 1/2	
		1 1/2	
90		1 1/2	
		1 1/2	
		1 1/2	
		1 1/2	
95		2	
		2	
		2 1/2	
		2 1/2	
		2 1/2	
		2 1/2	
100		3	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
100		3	
01		3	35 Vis
		3	
		3	
		3	
05		3	
		3 1/2	
		3	
		3 1/2	
		3	
10		3 1/2	
		3	
		3 1/2	
		2 1/2	
		2 1/2	CONN
15		2	
		2 1/2	
		2 1/2	
		2	
		2 1/2	
20		2 1/2	
		2	
		2 1/2	
		2	
		2 1/2	
25		2	
		2 1/2	
		2 1/2	
		2 1/2	
		2 1/2	
30		2 1/2	
		2	
		2	
		2	
		2	
35		2 1/2	
		2	
		2	
		2	
		2 1/2	
40		2 1/2	
		3	
		3	
		2	
		2 1/2	CONN
45		2 1/2	
		2	
		2	
		2	
		2	
1950		2	

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ROTARY DRILLING TIME SHEET - 503
 KANSAS BLUE PRINT CO., WICHITA, KAN.

COMPANY P-m-I FARM Lewis WELL NO. B-1
 SEC. 25 TWP. 27 RGE. 8E LOC. NE SE NE COUNTY GW STATE KS
 CONTRACTOR Grimes Drilling SIZE HOLE 7 7/8 DRILL PIPE 4 1/2
 REMARKS: SIZE PUMP LINERS 6 LENGTH STROKE 14

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DATE 8-11-90

DEPTH	TIME O'CLOCK	MIN.	REMARKS
1950	01	2	
		2	
		2	
		2 1/2	
1955		2 1/2	
		2 1/2	
		2	
		2	
		2	
60		2 1/2	
		2 1/2	
		2	
		2 1/2	
		2 1/2	
65		2 1/2	
		2 1/2	
		2 1/2	
		1 1/2	
		1 1/2	
70		1 1/2	
		1 1/2	
		1 1/2	
		1 1/2	
		2	CONN
75		1 1/2	
		1 1/2	
		2 1/2	
		1	
		1 1/2	
		1 1/2	
		1 1/2	
		1 1/2	
		1 1/2	
80		1 1/2	
		1 1/2	
		1 1/2	
		1 1/2	
		1 1/2	
		1 1/2	
85		1 1/2	
		1 1/2	
		2 1/2	
		2 1/2	
		2 1/2	
		2 1/2	
90		2 1/2	Mud Mud
		2	
		2	
		2 1/2	
		2	
95		2	
		1 1/2	
		1 1/2	
		2 1/2	
		2 1/2	
2000		3 1/2	

ROTARY DRILLING TIME SHEET - 503
 KANSAS BLUE PRINT CO. WICHITA, KAN.

DEPTH	TIME O'CLOCK	MIN.	REMARKS
2000	01	3 1/2	
		4	
		2	
		3	CONN
05		2 1/2	
		2	
		2 1/2	
		2	
		2	
10		1 1/2	
		1 1/2	
		2 1/2	
		3	
		2 1/2	
15		2	
		2	
		2 1/2	
		2 1/2	
		1 1/2	
20		1 1/2	
		1 1/2	
		1 1/2	
		2	
		2	
25		2	
		2	
		2	
		2 1/2	
		2	
30		2	
		2	
		2	
		2	
		2	
		2	
35		1 1/2	CONN
		1 1/2	
		2	
		1 1/2	
		2	
		2	
40		1 1/2	
		2 1/2	
		2 1/2	
		1 1/2	
		1	
45		1	
		2 1/2	
		2	
		3 1/2	
		3	
2050		2 1/2	

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REDA

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DEPTH	TIME O'CLOCK	MIN.	REMARKS
2100 01		1 1/2	
		1 1/4	
		1 1/2	
		1 1/2	
05		1 1/2	
		1 1/2	
		1 1/2	
		1 1/2	
10		2	
		2	
		2	
		2	
15		2 1/2	
		4	
		5	
		4	
20		2	
		1	
		3 1/2	
		4	
		3 1/2	
25		3	CONN
		2 1/2	
		3	
		3	
		3 1/2	
30		4 1/2	
		3 1/2	
		2 1/2	
		3	
		3 1/2	
35		4 1/2	
		3	
		4	
		3 1/2	
		3	
40		4	
		4	
		2 1/2	
		3 1/2	
		3 1/2	
45		4	
		3	
		3 1/2	
		2	
		1 1/2	
2150		1	
		3	

COMPANY P-M-I FARM Lewis WELL NO. B-1
 SEC. 25 TWP. 7N RGE. 8E LOC. NE SE NE COUNTY GW STATE KS
 CONTRACTOR GAINES Drilling SIZE HOLE 7 7/8 DRILL PIPE 4 1/2
 REMARKS: SIZE PUMP LINERS 6 LENGTH STROKE 14

DATE 8-11-90

DEPTH	TIME O'CLOCK	MIN.	REMARKS
2150	51	3	mix mud
		3 1/2	
		2 1/2	
		2 1/2	CONN.
55		2	
		2	
		2	
		2	
60		2 1/2	
		2 1/2	
		3	
		3 1/2	
		4 1/2	
65		3 1/2	
		4	
		5	
		4	
70		5	
		4 1/2	
		4	
		4 1/2	
		4 1/2	
75		2	
		1	
		2	
		2	
		3	
		2	
80		6	
		5	
		6	
		6	
		4	CONN.
85		5	
		3	
		3 1/2	
		4	
90		4	
		3 1/2	
		3	
		3	
		4 1/2	
95		4	
		4	
		3 1/2	
		4	
2000		3 1/2	
		3 1/2	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
2200	01	3	
		3	
		3 1/2	
		3	
		3	
05		3	
		3	
		3 1/2	
		3	
10		3 1/2	
		3 1/2	
		4	
		4	
		2 1/2	CONN.
15		3	
		2 1/2	
		2 1/2	
		2 1/2	
		3	
20		2	
		3	
		2 1/2	
		3	
		4	
25		4	
		3	
		3	
		4	
		4	
30		3	
		4 1/2	
		4	
		4	
		5	
35		5	
		4 1/2	
		4 1/2	
		6	
		4	
40		4	
		5	
		4	
		4	
		4	CONN.
45		2	
		3	
		2	
		2	
		2 1/2	
2250		2 1/2	
		2 1/2	

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ROTARY DRILLING TIME SHEET - 503
 KANSAS BLUE PRINT CO., MOBILE, ALA.

COMPANY P.M.I. FARM Lewis WELL NO. B-1
 SEC. 25 TWP. 27 RGE. 8E LOC. NE SE NE COUNTY GW STATE KS
 CONTRACTOR GAINES Drilling SIZE HOLE 7 7/8 DRILL PIPE 45
 REMARKS: SIZE PUMP LINERS 6 LENGTH STROKE 14

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DATE 8-12-90

DEPTH	TIME O'CLOCK	MIN.	REMARKS
2250	51	22	
		22	
		22	
		22	
		2	
55		25	
		3	
		21	
		3	
		21	
60		3	
		3	
		2	
		31	
		41	
65		4	
		31	
		4	
		41	
70		4	
		41	
		4	
		3	
75		3	CONN.
		3	
		3	
		3	
80		3	
		3	
		3	
		3	
85		3	
		3	
		3	
		3	
90		2	
		2	
		2	
		2	
95		3	
		3	
		3	
		2	
		2	
2300		4	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
2300	01	3	
		2	
		2	
		2	
65		2	Conn
		3	
		4	
		3	
		2	
10		3	
		2	
		3	
		3	
		3	
15		3	
		25	
		2	
		2	
		25	
20		3	
		3	
		3	
		35	
		3	
25		3	
		3	
		25	
		3	
		25	
30		25	
		3	
		3	
		35	
		4	CONN.
35		45	
		45	
		4	
		4	
		4	
40		3	
		3	
		3	
		3	
45		25	
		3	
		3	
		3	
		4	Vis 3/4
2350		4	

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ROTARY DRILLING TIME SHEET 503
 KANSAS BLUE PRINT CO. HUTCHINSON, KAN.

COMPANY P.M. & FARM Lewis WELL NO. B-1
 SEC 25 TWP 27 RGE 8E LOC. NE SE NE COUNTY GW STATE KS
 CONTRACTOR Grimes Drilling SIZE HOLE 7 1/8 DRILL PIPE 4 1/2
 REMARKS: SIZE PUMP LINERS 6 LENGTH STROKE 14

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DATE 8-12-90

DEPTH	TIME O'CLOCK	MIN.	REMARKS
2350		3	
51		4	
		3 1/2	
		4	
55		3 1/2	
		4	
		3 1/2	
		3 1/2	
		4 1/2	
60		4	
		4 1/2	
		4	
		3 1/2	
		3 1/2	CONN
65		3	
		3	
		3	
		3 1/2	
		3	
70		3 1/2	
		2 1/2	
		2	
		2	
		2	
75		2 1/2	
		2 1/2	
		2 1/2	
		2 1/2	
		3	
80		3	
		2 1/2	
		3	
		3	
		3 1/2	
85		3	
		3	
		3	
		3	
		3	
90		3	
		3	
		2 1/2	
		2	
		2 1/2	CONN
95		2	
		1 1/2	
		1	
		1	
2400		1	

ROTARY DRILLING TIME SHEET - 503
 KANSAS BLUE PRINT CO., WICHITA, KAN.

DEPTH	TIME O'CLOCK	MIN.	REMARKS
2400		1	
01		1	
		1 1/2	
05		1 1/2	
		2	
		1 1/2	
		2	
		1 1/2	
10		1 1/2	
		1 1/2	
		1 1/2	
		2 1/2	
		2	
15		1 1/2	
		1 1/2	
		1 1/2	
		1 1/2	
20		1 1/2	
		1 1/2	
		2	
		1 1/2	
		1 1/2	CONN MIX MVD
25		1 1/2	
		1 1/2	
		1 1/2	
		1 1/2	
		2	
30		2	
		2	
		2	
		2	
		2	
35		2	
		2 1/2	
		2 1/2	
		2 1/2	
		2	
40		2 1/2	
		1 1/2	
		1 1/2	
		2 1/2	
		2 1/2	
45		2 1/2	
		2 1/2	
		2 1/2	
		2 1/2	
		3	
2450		2 1/2	

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COMPANY P-M-I FARM Lewis WELL NO. B-1
 SEC. 25 TWP. 27 RGE. 8E LOC. NE SE NE COUNTY Greenwood STATE KS
 CONTRACTOR Graves Drilling SIZE HOLE 7 7/8 DRILL PIPE 4 1/2
 REMARKS: SIZE PUMP LINERS 6 LENGTH STROKE 14

DATE 8-12-90

DEPTH	TIME O'CLOCK	MIN.	REMARKS
2450			
51		2 1/2	
		2	
		2	
		1 1/2	CONN
55		1 1/2	
		1 1/2	
		1 1/2	
		2	
		2	
60		2	
		1 1/2	
		1 1/2	
		1 1/2	
		2	
65		2 1/2	
		2	
		2	
		2	
		1 1/2	
70		2	
		1 1/2	
		1 1/2	
		2	
		2	
75		2 1/2	
		2 1/2	
		2	
		2	
		2	
80		2 1/2	
		2 1/2	
		2 1/2	
		2	
		2	CONN
85		1 1/2	
		1 1/2	
		1 1/2	VIS 3 1/2" 9.1"
		1 1/2	
90		1	5' SAMPLES
		1 1/2	
		2	
		2 1/2	
		2 1/2	
95		2 1/2	
		2	
		2 1/2	
		2 1/2	
2500		2	

ROTARY DRILLING TIME SHEET # 503
 KANSAS BLUE PRINT CO., WICHITA, KAN.

DEPTH	TIME O'CLOCK	MIN.	REMARKS
2500			
01		2 1/2	
		2 1/2	
		1 1/2	SR
		1 1/2	SR
05		1 1/2	
		2	
		2	
		1 1/2	
		1 1/2	
10		1 1/2	
		1 1/2	
		2	
		1 1/2	
		1 1/2	CONN
15		1	
		1	
		1	
		1	SR
		1	
20		1	2 FS 15"-30"
		1 1/2	
		1 1/2	
		3	
		3	
25		2 1/2	
		2 1/2	
		1	SR
		1	
		1	
30		1 1/2	CFS 15"-30"
		1	
		1 1/2	
		1 1/2	
		2 1/2	
35		3 1/2	
		3	
		3 1/2	
		3	
		2 1/2	
40		3 1/2	
		3 1/2	
		3 1/2	
		3	
		2 1/2	CONN
45		2 1/2	
		2 1/2	
		2 1/2	
		2 1/2	
		2 1/2	
2550		3 1/2	

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COMPANY Pm I FARM Lewis WELL NO. B-1
 SEC 25 TWP 27 RGE 8E LOC. NE SE NE COUNTY Gwl STATE KS
 CONTRACTOR Ganes Drilling SIZE HOLE 7 7/8 DRILL PIPE 4 1/2
 REMARKS: SIZE PUMP LINERS 6 LENGTH STROKE 14

DATE 8-12-90

DEPTH	TIME O'CLOCK	MIN.	REMARKS
25		2	
31		2	
		2 1/2	
		2 1/2	
55		2	
		2 1/2	
		2	
		2	
60		2	
		2 1/2	
		2	
		2	
65		2	
		2	
		2 1/2	
		2	
70		2	
		2 1/2	
		2 1/2	
		2 1/2	
		1 1/2	CONN
75		1	
		1 1/2	
		1	
		1	
80		1 1/2	
		1	
		1	
		1	
85		1	
		1	
		1 1/2	
90		1	
		1	
		1	
95		1	
		1	
		1 1/2	
		1 1/2	
21000			

ROTARY DRILLING TIME SHEET - 503
 KANSAS BLUE PRINT CO., WICHITA, KAN.

DEPTH	TIME O'CLOCK	MIN.	REMARKS
2600			
05			CONN
10			
15			
20			
25			
30			
35			
40			
45			
2650			

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