

# DUKE DRILLING COMPANY

# DAILY DRILLING RECORD

GREAT BEND, KANSAS

FOR 24 HOURS ENDING AT MIDNIGHT

6-23

1988

RIG NO. 3

WELL OWNER Bear Petroleum

LEASE Fisher

WELL NO. A-1

SECTION \_\_\_\_\_ TOWNSHIP \_\_\_\_\_ RANGE \_\_\_\_\_

COUNTY Sedgwick

STATE Kansas

IF INJURED: SIGN AND DESCRIBE INJURY UNDER REMARKS

WE HAVE NOT BEEN INJURED THIS DAY

FROM	DRILLED TO	FEET DRILLED	FORMATION	125
0	—			DRILLER <u>Ross Merritt 4</u>
				DERRICKMAN <u>John Wilkinson 4</u>
				MOTORMAN <u>Alan Halzle 4</u>
				HELPER
				HELPER

DRILLING BITS	CASING RECORD: SIZE	BOTTOMED AT	CEMENT USED	DEFLECTION SURVEY	DEGREES OFF
RUN NO. SIZE MAKE SERIAL NO. SET NO.	REMARKS: <u>Help Rig up</u>				

FROM	DRILLED TO	FEET DRILLED	FORMATION	325
				DRILLER <u>Delwayne Chism 4</u>
				DERRICKMAN <u>Frank Symark 4</u>
				MOTORMAN
				HELPER <u>Tommy Gray 4</u>
				HELPER

DRILLING BITS	CASING RECORD: SIZE	BOTTOMED AT	CEMENT USED	DEFLECTION SURVEY	DEGREES OFF
RUN NO. SIZE MAKE SERIAL NO. SET NO.	REMARKS: <u>1200-1230 Finish Moving Rig 1230-400 Set Rig Tr &amp; Rig-up</u>				

FROM	DRILLED TO	FEET DRILLED	FORMATION	250
190	200		<u>Cement</u>	DRILLER <u>Robert L. Sanders 8</u>
200	325		<u>Shale &amp; Limestone</u>	DERRICKMAN <u>Ricky L. Schweger 8</u>
				MOTORMAN <u>Robert E. Sanders 8</u>
				HELPER <u>Laverne Wilcox 8</u>
				HELPER

DRILLING BITS	CASING RECORD: SIZE	BOTTOMED AT	CEMENT USED	DEFLECTION SURVEY	DEGREES OFF
RUN NO. SIZE MAKE SERIAL NO. SERIAL NO.	REMARKS: <u>3:00-6:00 finish rigging up, 5:30-6:00 pickup D.C. 4:00-6:15 D.C. cement + plug @ 1988, 6:15-7:15 work on valve test seats. 7:15-11:00 D.C.</u>				

*[Handwritten signatures]*

# DUKE DRILLING COMPANY

# DAILY DRILLING RECORD

GREAT BEND, KANSAS

R 24 HOURS ENDING AT MIDNIGHT 6-24-88 19 88 RIG NO. #3  
 WELL OWNER Bear Petroleum LEASE Fisher WELL NO. A-1  
 LOCATION                      TOWNSHIP                      RANGE                      COUNTY Sedgwick STATE K.S.  
IF INJURED: SIGN AND DESCRIBE INJURY UNDER REMARKS WE HAVE NOT BEEN INJURED THIS DAY

FROM	DRILLED TO	FEET DRILLED	FORMATION	DRILLER	DERRICKMAN	MOTORMAN	HELPER
25	440		Shale & Lime	125	Ross Merritt	John Wilkinson	Alan Halzke
FUEL 6120 = 15 " 2 gal Table							

DRILLING BITS: IN NO. 1, SIZE 7/8, MAKE W.M., SERIAL NO. 51CF, RIG NO. M96123, HRS 8 1/4

CASING RECORD: SIZE                      BOTTOMED AT                      CEMENT USED                      DEFLECTION SURVEY                      DEGREES OFF                     

REMARKS: 11:00 - 12:00 DRIG 12:00 - 3:45 WORK ON DRAWWORKS  
motor change out starters 3:45 - 7:00 DRIG

FROM	DRILLED TO	FEET DRILLED	FORMATION	DRILLER	DERRICKMAN	MOTORMAN	HELPER
440	905	465	Lime & Shale	275	DeWayne Chism	Frank Symank	Danny Seachris
TRANS 1/2 Gal Pump 1 Gal							

DRILLING BITS: IN NO. 1, SIZE 7/8, MAKE W.M., SERIAL NO. 51CF, RIG NO. M96123, HRS 15 3/4

CASING RECORD: SIZE                      BOTTOMED AT                      CEMENT USED                      DEFLECTION SURVEY                      DEGREES OFF                     

REMARKS: 7:00 - 7:15 DRIG 7:15 - 7:35 Rig ✓ & WORK ON Pump  
7:35 - 3:00 DRIG w/ 1/4 he Jet

FROM	DRILLED TO	FEET DRILLED	FORMATION	DRILLER	DERRICKMAN	MOTORMAN	HELPER
905	1230	325	Lime & Shale	250	Robert L. Sanders	Ricky L. Schwager	Robert E. Sanders
1 Gal Pump 1 Gal Lite Plant 1/2 Gal Trans							

DRILLING BITS: IN NO. 1, SIZE 7/8, MAKE W.M., SERIAL NO. 51CF, RIG NO. M96123, HRS 23 1/4

CASING RECORD: SIZE                      BOTTOMED AT                      CEMENT USED                      DEFLECTION SURVEY                      DEGREES OFF                     

REMARKS: 3:00 - 3:15 ✓ Rig 3:15 - 5:30 DRIG 5:30 - 5:45 Jet #1071 5:45 - 11:00 DRIG

*OK PLO*

# DUKE DRILLING COMPANY

# DAILY DRILLING RECORD

GREAT BEND, KANSAS

FOR 24 HOURS ENDING AT MIDNIGHT 6-25-88 19 88 RIG NO. #3  
 WELL OWNER Bear Petroleum LEASE Fisher WELL NO. A-1  
 SECTION \_\_\_\_\_ TOWNSHIP \_\_\_\_\_ RANGE \_\_\_\_\_ COUNTY Sedgwick STATE K.S.  
IF INJURED: SIGN AND DESCRIBE INJURY UNDER REMARKS WE HAVE NOT BEEN INJURED THIS DAY

FROM	DRILLED TO	FEET DRILLED	FORMATION	DRILLER	DERRICKMAN	MOTORMAN	HELPER	HELPER
1230	1595	365	Shale & Lime	250	Ross Merritt 8	John Wilkinson 8	Alan Halzle 8	Scott Halzle 8
Fuel @ 6:00 AM = 78" 1 gal pump 1 gal light plant 2 gal table								

DRILLING BITS	
UN NO.	#1
SIZE	7/8
MAKE	W.M.
SERIAL NO.	51CF
SERIAL NO.	M96123
HRs	30 3/4

CASING RECORD: SIZE \_\_\_\_\_ BOTTOMED AT \_\_\_\_\_ CEMENT USED \_\_\_\_\_ DEFLECTION SURVEY \_\_\_\_\_ DEGREES OFF \_\_\_\_\_  
 REMARKS: 11:00-11:15 DRLG 11:15-11:30 Rig 11:30-12:00 DRLG  
 12:00-12:15 Jet #1 12:15-7:00 DRLG

FROM	DRILLED TO	FEET DRILLED	FORMATION	DRILLER	DERRICKMAN	MOTORMAN	HELPER	HELPER
1595	1915	320	Lime & Shale	275	DeWayne Chism 8	Frank Symark 8	John Wilkinson 8	Tommy Gray 8
Table 1 gal Pump 1 gal								

DRILLING BITS	
UN NO.	#1
SIZE	7/8
MAKE	W.M.
SERIAL NO.	51CF
SERIAL NO.	M96123
HRs	37 1/4

CASING RECORD: SIZE \_\_\_\_\_ BOTTOMED AT \_\_\_\_\_ CEMENT USED \_\_\_\_\_ DEFLECTION SURVEY \_\_\_\_\_ DEGREES OFF \_\_\_\_\_  
 REMARKS: 7:00-3:00 DRlg w/ 1/4 hr Rig & 1/4 hr Jet

FROM	DRILLED TO	FEET DRILLED	FORMATION	DRILLER	DERRICKMAN	MOTORMAN	HELPER	HELPER
1915	2190	275	Lime & Shale	* 250	DeWayne Chism 8	Ricky L. Schwager 8	Robert E. Sanders 8	Laverne Wilcox 8
1/2 Gal Draw Works 2 Gal Lite Plant 1 Gal Pump								

DRILLING BITS	
UN NO.	1
SIZE	7/8
MAKE	W.M.
SERIAL NO.	51CF
SERIAL NO.	M96123
HRs	44 1/2

CASING RECORD: SIZE \_\_\_\_\_ BOTTOMED AT \_\_\_\_\_ CEMENT USED \_\_\_\_\_ DEFLECTION SURVEY \_\_\_\_\_ DEGREES OFF \_\_\_\_\_  
 REMARKS: 3:00-3:10 DRlg 3:10-3:35 Rig & Work on Draw  
 Motor & Starter 3:35-11:00 DRlg w/ 1/4 hr Jet

# DUKE DRILLING COMPANY

# DAILY DRILLING RECORD

GREAT BEND, KANSAS

FOR 24 HOURS ENDING AT MIDNIGHT 6-26-88 19 RIG NO. #3  
 WELL OWNER Bear Petroleum LEASE Fisher WELL NO. A-#1  
 SECTION \_\_\_\_\_ TOWNSHIP \_\_\_\_\_ RANGE \_\_\_\_\_ COUNTY Sedgwick STATE Ks  
IF INJURED, SIGN AND DESCRIBE INJURY UNDER REMARKS WE HAVE NOT BEEN INJURED THIS DAY

FROM	DRILLED TO	FEET DRILLED	FORMATION	DRILLER	OTHER
2190	2467	277	Shale & Lime 2 - Soda Ash 2 - Caustic 2 - Lig 20 - Gel	250	Ross Merritt 8
				DERRICKMAN	John Wilkinson 8
				MOTORMAN	Alan Haulzle 8
			1 - gal pump 1/2 gal Drawworks	HELPER	Scott Haulzle 8
			1 - gal Table 2 - gal Light Plant	HELPER	

DRILLING BITS	
RUN NO.	#1
SIZE	7 7/8
MAKE	W.M
SERIAL NO.	51CF
AL NO.	M96123
HRs	52

CASING RECORD: SIZE \_\_\_\_\_ BOTTOMED AT \_\_\_\_\_ CEMENT USED \_\_\_\_\_ DEFLECTION SURVEY \_\_\_\_\_ DEGREES OFF \_\_\_\_\_  
 REMARKS: 11:00-11:15 DRLG 11:15-11:30 RIG  
 11:30-12:30 DRLG 12:30-12:45 Jet #1 12:45-2:00 DRLG  
 OK

FROM	DRILLED TO	FEET DRILLED	FORMATION	DRILLER	OTHER
2467	2710	243	Lime & Shale 26 Gel 2 Caustic 2 Lignite	275	Delwayne Chism 8
				DERRICKMAN	Frank Symark 8
				MOTORMAN	Danny Seachris 8
			Light Plant 2 Gal Pump 1 Gal	HELPER	Tommy Gray 8

DRILLING BITS	
RUN NO.	1
SIZE	7 7/8
MAKE	W.M
SERIAL NO.	51CF
AL NO.	M96123
HRs	59 1/2

CASING RECORD: SIZE \_\_\_\_\_ BOTTOMED AT \_\_\_\_\_ CEMENT USED \_\_\_\_\_ DEFLECTION SURVEY \_\_\_\_\_ DEGREES OFF \_\_\_\_\_  
 REMARKS: 7:00-7:30 DRlg 7:30-7:45 RIG ✓ & Jet #2  
 7:45-3:00 DRlg w/ 1 1/4 Hr Jet #1

FROM	DRILLED TO	FEET DRILLED	FORMATION	DRILLER	OTHER
2710	2817	107	Shale & Lime 22 - Gel 1 - Soda Ash 1 - Caustic 1 - Lig 1 - gal Stable 1 - gal pump 2 - gal Light Plant	250	Ross Merritt 8
				DERRICKMAN	
				MOTORMAN	Robert E. Sanders 8
				HELPER	Laverne Wilcox 8

DRILLING BITS	
RUN NO.	#1
SIZE	7 7/8
MAKE	W.M
SERIAL NO.	51CF
AL NO.	M96123
HRs	65 1/4

CASING RECORD: SIZE \_\_\_\_\_ BOTTOMED AT \_\_\_\_\_ CEMENT USED \_\_\_\_\_ DEFLECTION SURVEY \_\_\_\_\_ DEGREES OFF \_\_\_\_\_  
 REMARKS: 3:00-4:30 DRLG 4:30-4:45 RIG ✓  
 4:45-6:00 DRLG 6:00-7:45 pull 3 std's change  
 starter's on mud pump go back to bottom  
 7:45-9:00 DRLG 9:00-9:15 Jet water off pits  
 9:15-10:00 DRLG

OK

# DUKE DRILLING COMPANY

# DAILY DRILLING RECORD

GREAT BEND, KANSAS

OR 24 HOURS ENDING AT MIDNIGHT

6-27-88

19

RIG NO. #3

WELL OWNER

Bear Petroleum

LEASE

Fisher

WELL NO.

A-1

SECTION

TOWNSHIP

RANGE

COUNTY

Sedgwick

STATE

K.S.

IF INJURED: SIGN AND DESCRIBE INJURY UNDER REMARKS

WE HAVE NOT BEEN INJURED THIS DAY

FROM	DRILLED TO	FEET DRILLED	FORMATION	DRILLER	DERRICKMAN	MOTORMAN	HELPER
2847	3023		Stale Line	250 ROSS MERRITT	JOHN WILKINSON	ALAN HALZLE	SCOTT HALZLE
			change Fuel Filter Light Plant				
			Fuel @ 6:00 AM = 38" fuel pump				
			1-2 gal table				

DRILLING BITS	CASING RECORD: SIZE	BOTTOMED AT	CEMENT USED	DEFLECTION SURVEY	DEGREES OFF
RUN NO. #1	REMARKS: 11:00-11:45 DRUG				
SIZE 7 7/8	SCREEN put STARTER ON DRAWWORK				
MAKE W.M.	12:30-7:00 DRUG				
SERIAL NO. 51CF					
SIZE NO. M96123					
Hrs. 7 1/2					

FROM	DRILLED TO	FEET DRILLED	FORMATION	DRILLER	DERRICKMAN	MOTORMAN	HELPER
3023	3151		Lime & Shale	275 DeWayne Chism	FRANK SYMANK	DANNY SEACHRIS	TOMMY GRAY
			27 Gal 1 Caustic 1 Lignite				
			Pump 1 Gal				

DRILLING BITS	CASING RECORD: SIZE	BOTTOMED AT	CEMENT USED	DEFLECTION SURVEY	DEGREES OFF
RUN NO. 1	REMARKS: 7:00-3:00 DRUG w/ 1/4 hr Rig				
SIZE 7 7/8					
MAKE W.M.					
SERIAL NO. M96123					
Hrs. 8 1/4					

FROM	DRILLED TO	FEET DRILLED	FORMATION	DRILLER	DERRICKMAN	MOTORMAN	HELPER
3151	3167			250 Robert H. Sanders	* FRANK SYMANK	ROBERT E. SANDERS	LAVERNE WILCOX
			Pump Lube Plant & Draw Works				

DRILLING BITS	CASING RECORD: SIZE	BOTTOMED AT	CEMENT USED	DEFLECTION SURVEY	DEGREES OFF
RUN NO. 1	REMARKS: 3:00-4:00 P.S. @ 3159				
SIZE 7 7/8	4:00-4:30 DRUG 4:30-5:30 C.F.S. @ 3167				
MAKE W.M.	5:30-7:00 Trip out for D.S. #1				
SERIAL NO. 51CF	7:00-8:00 Pickup Tool				
SERIAL NO. M96123	8:00-9:00 Trip in w/ Tool				
Hrs. 8 3/4	9:00-10:00 Testing				
	10:00-11:00 Trip out w/ D.S. #1				

*[Handwritten signature]*

# DUKE DRILLING COMPANY

# DAILY DRILLING RECORD

GREAT BEND, KANSAS

FOR 24 HOURS ENDING AT MIDNIGHT 6-28-88 19 RIG NO. #3  
 WELL OWNER Bear Petroleum LEASE Fisher WELL NO. A-1  
 SECTION \_\_\_\_\_ TOWNSHIP \_\_\_\_\_ RANGE \_\_\_\_\_ COUNTY Sedgwick STATE K.S.  
IF INJURED, SIGN AND DESCRIBE INJURY UNDER REMARKS WE HAVE NOT BEEN INJURED THIS DAY

FROM	DRILLED TO	FEET DRILLED	FORMATION	250
3167	3174			DRILLER Ross Merritt 8
				DERRICKMAN John Wilkinson 8
				MOTORMAN Alan Halzle 8
				HELPER Scott Halzle 8
				HELPER

1-gal Light Plant  
2-gal Table

DRILLING BITS		CASING RECORD: SIZE	BOTTOMED AT	CEMENT USED	DEFLECTION SURVEY	DEGREES OFF
NO.	#	REMARKS: 11:00-11:15 out w/ost #1 11:15-11:45 Break & lay down				
SIZE	7 1/8	Tool 11:45-12:00 Rig wash of floor 12:00-1:45 IN W/Bit				
MAKE	W.M.	Strap pipe 1:45-2:15 C.T.H. 2:15-2:30 DRAG 2:30-3:40				
SERIAL NO.	51CF	CFS @ 3174 3:40-5:10 out w/ost #2 5:10-5:40 pick up				
SERIAL NO.	m96123	make up tool 5:40-7:00 IN w/ost #2 3-70				
HRS	81					

FROM	DRILLED TO	FEET DRILLED	FORMATION	275
3174	RTD			DRILLER DelWayne Chism 8
3171	LTD		DST#2	DERRICKMAN <del>*</del> Ricky L. Schwager 8
				MOTORMAN Danny Seachris 8
				HELPER Tommy Gray 8
				HELPER

DRILLING BITS		CASING RECORD: SIZE	BOTTOMED AT	CEMENT USED	DEFLECTION SURVEY	DEGREES OFF
RUN NO.		REMARKS: 7:00-9:55 Tool on Bottom 9:55-11:05 Out w/ DST#2				
SIZE		11:05-11:30 Lay Down Tool 11:30-12:50 Rig-up Loggers				
MAKE		& Logging 250-240 in hole & circ - 240-300				
SERIAL NO.		Lay Down D.P. 40				
AL NO.		2-30				

FROM	DRILLED TO	FEET DRILLED	FORMATION	250
			Run @ DSTs used	DRILLER Robert L Sanders 8
			4 1/2 - 10:50 # - 5915	DERRICKMAN Ricky L. Schwager 8
			set @ 2896 with	MOTORMAN X X X X
			pack 4 1/2 bag cement	HELPER Laverne Wilcox 8
			with	HELPER X X X X

DRILLING BITS		CASING RECORD: SIZE	BOTTOMED AT	CEMENT USED	DEFLECTION SURVEY	DEGREES OFF
RUN NO.		REMARKS: 3:00-5:30 Lay Down D.P. 5:30-8:00 A-9 w/				
SIZE		A Run C59g @ ea csec & cement				
MAKE		9:45				
SERIAL NO.		Plat down @ 9:45 set pit # & set				
SERIAL NO.		4 1/2 slips in c59 head				