

15-185-22873

19-215-11w

DST REPORT

COPY

GENERAL INFORMATION

DATE : 9/15/92	TICKET : 19523
CUSTOMER : BERGMAN OIL COMPANY	LEASE : COOK
WELL : 1-D TEST: 1	GEOLOGIST: HAROLD BERGMAN
ELEVATION: 1800 KB	FORMATION: SIMPSON
SECTION : 19	TOWNSHIP : 21S
RANGE : 11W	STATE : KS
COUNTY: STAFFORD	CLOCK : 12
GAUGE SN#: 3849	RANGE : 4200

WELL INFORMATION

PERFORATION INTERVAL FROM: 3489.00 ft	TO: 3520.00 ft	TVD: 3520.0 ft
DEPTH OF SELECTIVE ZONE:		TEST TYPE: OIL
DEPTH OF RECORDERS: 3506.0 ft	3509.0 ft	
TEMPERATURE: 102.0		
DRILL COLLAR LENGTH: 0.0 ft	I.D.: 0.000 in	
WEIGHT PIPE LENGTH : 632.0 ft	I.D.: 2.250 in	
DRILL PIPE LENGTH : 2837.0 ft	I.D.: 3.800 in	
TEST TOOL LENGTH : 20.0 ft	TOOL SIZE : 5.500 in	
ANCHOR LENGTH : 31.0 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 : 4.5FH	
PACKER DEPTH: 3484.0 ft	SIZE: 6.630 in	
PACKER DEPTH: 3489.0 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 RIG 1	VISCOSITY : 46.00 cp
MUD TYPE : CHEMICAL	WATER LOSS: 11.200 cc
WEIGHT : 9.200 ppg	SERIAL NUMBER:
CHLORIDES : 6000 ppm	REVERSED OUT?: NO
JARS-MAKE :	
DID WELL FLOW?: NO	

COMMENTS

Comment

INITIAL FLOW PERIOD STRONG BLOW, BOTTOM OF BUCKET IMMEDIATELY, DECREASED TO 7 INCH IN BUCKET IN 30 MINUTES. FINAL FLOW PERIOD SURFACE BLOW, DIED IN

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DST REPORT (CONTINUED)

COMMENTS (CONTINUED)

Comment

7 MINUTES. LOST 30' OF MUD WHEN TOOL OPENED,
CAUSING STRONG BLOW IMMEDIATELY.

FLUID RECOVERY

<u>Feet of Fluid</u>	<u>% Oil</u>	<u>% Gas</u>	<u>% Water</u>	<u>% Mud</u>	<u>Comments</u>
190.0	0.0	0.0	0.0	100.0	VERY SLY OIL SPECKED MUD

RATE INFORMATION

OIL VOLUME:	0.0000	STB	TOTAL FLOW TIME:	60.0000	min.
GAS VOLUME:	0.0000	SCF	AVERAGE OIL RATE:	22.4237	STB/D
MUD VOLUME:	0.9343	STB	AVERAGE WATER RATE:	0.0000	STB/D
WATER VOLUME:	0.0000	STB			
TOTAL FLUID :	0.9343	STB			

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1797.00

<u>Description</u>	<u>Duration</u>	<u>pl</u>	<u>p End</u>
INITIAL FLOW	30.00	121.00	127.00
INITIAL SHUT-IN	30.00		510.00
FINAL FLOW	30.00	131.00	131.00
FINAL SHUT-IN	30.00		395.00

FINAL HYDROSTATIC PRESSURE: 1744.00

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DST REPORT

GENERAL INFORMATION

DATE	: 9/15/92	TICKET	: 19524
CUSTOMER	: BERGMAN OIL COMPANY	LEASE	: COOK
WELL	: 1-D	TEST: 2	GEOLOGIST: HAROLD BERGMAN
ELEVATION	: 1800 KB	FORMATION	: ARBUCKLE
SECTION	: 19	TOWNSHIP	: 21S
RANGE	: 11W	COUNTY: STAFFORD	STATE : KS
GAUGE SN#	: 3849	RANGE : 4200	CLOCK : 12

WELL INFORMATION

PERFORATION INTERVAL FROM:	3555.00 ft	TO:	3583.00 ft	TVD:	3583.0 ft
DEPTH OF SELECTIVE ZONE:				TEST TYPE:	OIL
DEPTH OF RECORDERS:	3572.0 ft		3575.0 ft		
TEMPERATURE:	107.0				
DRILL COLLAR LENGTH:	0.0 ft	I.D.:	0.000 in		
WEIGHT PIPE LENGTH :	632.0 ft	I.D.:	2.250 in		
DRILL PIPE LENGTH :	2903.0 ft	I.D.:	3.800 in		
TEST TOOL LENGTH :	20.0 ft	TOOL SIZE :	5.500 in		
ANCHOR LENGTH :	28.0 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 :	4.5FH		
PACKER DEPTH:	3550.0 ft	SIZE:	6.630 in		
PACKER DEPTH:	3555.0 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 RIG 1	VISCOSITY :	54.00 cp
MUD TYPE :	CHEMICAL	WATER LOSS:	12.000 cc
WEIGHT :	9.200 ppg	SERIAL NUMBER:	
CHLORIDES :	10000 ppm	REVERSED OUT?:	NO
JARS-MAKE :			
DID WELL FLOW?:	NO		

COMMENTS

Comment

INITIAL FLOW PERIOD WEAK TO STRONG BLOW, BOTTOM OF BUCKET IN 17 MINUTES.
FINAL FLOW PERIOD VERY WEAK TO STRONG BLOW IN 30

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DST REPORT (CONTINUED)

COMMENTS (CONTINUED)

Comment

MINUTES.

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
110.0	100.0	0.0	0.0	0.0	CLEAN GASSY OIL
0.0	0.0	0.0	0.0	0.0	34 GRAVITY AT 60 DEGREES
85.0	29.0	46.0	0.0	25.0	MUD CUT GASSY OIL
100.0	6.0	14.0	32.0	48.0	SLY O & G, HVY WTR C/ MUD
0.0	0.0	0.0	0.0	0.0	CHLORIDES 16500 P.P.M.
0.0	0.0	0.0	0.0	0.0	335' OF GAS ABOVE FLUID

RATE INFORMATION

OIL VOLUME:	0.6916 STB		
GAS VOLUME:	1.4662 SCF	TOTAL FLOW TIME:	105.0000 min.
MUD VOLUME:	0.3405 STB	AVERAGE OIL RATE:	11.4296 STB/D
WATER VOLUME:	0.1574 STB	AVERAGE WATER RATE:	4.8841 STB/D
TOTAL FLUID :	1.1895 STB		

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1849.00

Description	Duration	p1	p End
INITIAL FLOW	60.00	42.00	110.00
INITIAL SHUT-IN	45.00		608.00
FINAL FLOW	45.00	121.00	142.00
FINAL SHUT-IN	60.00		535.00

FINAL HYDROSTATIC PRESSURE: 1811.00

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