

WESTERN TESTING CO. INC.  
SUBSURFACE PRESSURE SURVEY

DATE	: 6/18/91	TICKET	: 16138
CUSTOMER	: MURFIN DRILLING COMPANY	LEASE	: AHRENS
WELL	: 1 TEST: 2	GEOLOGIST	: AKINS
ELEVATION	: 3181 MSL	FORMATION	: I J K
SECTION	: 33	TOWNSHIP	: 10S
RANGE	: 33W COUNTY : THOMAS	STATE	: KANSAS
GAUGE SN#	: 4376 RANGE : 4000	CLOCK	: 12

INTERVAL FROM	: 4290	TO	: 4380	TOTAL DEPTH	: 4380
DEPTH OF SELECTIVE ZONE	:				
PACKER DEPTH	: 4285	SIZE	: 6.75		
PACKER DEPTH	: 4290	SIZE	: 6.75		
PACKER DEPTH	:	SIZE	:		
PACKER DEPTH	:	SIZE	:		

DRILLING CON.	: MURFIN RIG 20		
MUD TYPE	: CHEMICAL	VISCOSITY	: 45
WEIGHT	: 8.9	WATER LOSS (CC)	: 10.4
CHLORIDES (PPM)	: 5000		
JARS-MAKE	:	SERIAL NUMBER	:
DID WELL FLOW ?	: NO	REVERSED OUT ?	: NO

DRILL COLLAR LENGTH	: 179	FT	I.D. inch	: 2.20
WEIGHT PIPE LENGTH	: 0	FT	I.D. inch	: 0.00
DRILL PIPE LENGTH	: 4094	FT	I.D. inch	: 3.80
TEST TOOL LENGTH	: 17	FT	TOOL SIZE	: 5.50
ANCHOR LENGTH	: 90	FT	ANCHOR SIZE	: 5.50
SURFACE CHOKE SIZE	: .75	IN	BOTTOM CHOKE SIZE	: .75
MAIN HOLE SIZE	: 7.875	IN	TOOL JOINT SIZE	: 4.5XH

BLOW COMMENT #1 : INITIAL FLOW PERIOD WEAK BLOW BUILDING  
 BLOW COMMENT #2 : TO BOTTOM OF BUCKET IN 21 MINUTES.  
 BLOW COMMENT #3 : FINAL FLOW PERIOD WEAK BLOW BUILDING TO  
 BLOW COMMENT #4 : BOTTOM OF BUCKET IN 22 MINUTES.

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CONSERVA  
Wichita, Kansas

RECOVERED	:	196	FT	OF:	CLEAN GASSY OIL-5%OIL;95%OIL
RECOVERED	:	340	FT	OF:	OIL CUT MUD
RECOVERED	:	0	FT	OF:	9%OIL;91%MUD
RECOVERED	:	40	FT	OF:	HEAVY OIL CUT WATERY GASSY MUD
RECOVERED	:	0	FT	OF:	12%OIL;4%GAS;14%WTR;70%MUD
RECOVERED	:	0	FT	OF:	CHLORIDES 13000 PPM
RECOVERED	:	0	FT	OF:	RW .46 @ 72 DEGREES F
RECOVERED	:	0	FT	OF:	OIL 37 GRAVITY @ 60 DEGREES F

Total Barrels Fluid	=	6.41
Total Fluid Prod Rate	=	102.56 BFPD
Indicated Oil Rate	=	39.46 BOPD
Indicated Wtr Rate	=	6.51 BWPD
Corrected Oil Rate	=	100.87 BOPD
Corrected Wtr Rate	=	16.63 BWPD

231' oil  
337' mud  
5' wtr

209-

REMARK 1 :  
 REMARK 2 : SLIGHT PLUGGING ON INITIAL FLOW AND FINAL FLOW PERIODS  
 REMARK 3 :  
 REMARK 4 :

SET PACKER(S)	:	1:00 A.M.	TIME STARTED OFF BOTTOM	:	4:45 A.M.
WELL TEMPERATURE	:	121	(A)	2117	
INITIAL HYDROSTATIC PRESSURE			(B)	97	PSI TO (C) : 202
INITIAL FLOW PERIOD	MIN:	30	(D)	1278	
INITIAL CLOSED IN PERIOD	MIN:	42	(E)	215	PSI TO (F) : 303
FINAL FLOW PERIOD	MIN:	60	(G)	1186	
FINAL CLOSED IN PERIOD	MIN:	90	(H)	2067	
FINAL HYDROSTATIC PRESSURE					

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