

W E L L L O G

OPERATOR: Crawford Oil Company

WELL NAME: Masters #1 LOCATION: NW NW NW NW 20-10S-15W

COUNTY: Osborne STATE: Kansas

WELL COMMENCED: July 31, 1978 WELL COMPLETED: August 6, 1978

ELEVATION: 1947' DF TOTAL DEPTH: 3680'

PRODUCTION: Oil Well RIG NO: #1

CASING - 8-5/8": 28# 254'-296' cement with 160 sxs common 2% gel, 3% cc

5-1/2": 3680' 5 1/2" production casing

ALL MEASUREMENTS TAKEN FROM THE TOP OF ROTARY BUSHING:

FROM	TO	FORMATION	DEVIATION	REMARKS:
			FROM VERTICAL	
0'	70'	sand and shale		
70'	262'	sand and shale		
262'	262'			
262'	580'	shale		
580'	780'	sand		
780'	1065'	sand and shale		
1065'	1161'	sand and shale		
1161'	1196'	Anhydrite		
1196'	1467'	sand and shale		
1161'	1760'	shale		
1760'	2035'	shale and lime		
2035'	2290'	shale and lime		
2290'	2465'	shale and lime		
2465'	2700'	lime and shale		
2700'	2871'	lime and shale		
2871'	2970'	shale and lime		
2970'	3083'	lime		
3083'	3225'	lime and shale		
3225'	3315'	lime		
3315'	3370'	lime		
3370'	3458'	lime and shale		
3458'	3575'	lime		
3575'	3680'	lime		
3680'	3680'	RTD		

STATE RECEIVED
AUG 15 1978
CONSERVATION DIVISION
Wichita, Kansas