

17-12-17W

2/10/80  
2

W E L L L O G

OPERATOR: Isern-Schultz Oil & Gas, Inc.

WELL NAME: Miller "A" #4 LOCATION: SW SW SE 17-12S-17W

COUNTY: Ellis STATE: Kansas

WELL COMMENCED: December 4, 1980 WELL COMPLETED: December 9, 1980

ELEVATION: 2171' K.B. TOTAL DEPTH: 3718'

PRODUCTION: Oil RIG NO: #1

CASING - 8 5/8": 264.70' of used 28# cemented with 160 sxs common 3% cc 2% gel 12 jts.  
plug down @ 4:15 P.M. cement circ.

4 1/2" ~~XXXXX~~: 3714' of new 10 1/2# cemented 1st stage with 150 sxs common 10 % salt  
cemented 2nd stage with 375 sxs 50-50 poz 6% gel plugdown @ 7:15 P.M.

ALL MEASUREMENTS TAKEN FROM THE TOP OF ROTARY BUSHING:

			DEVIATION	REMARKS
FROM	TO	FORMATION	FROM VERTICAL	
0'	273'	shales and sands	273' - 1/4 degree	
273'	540'	sand and shale		
540'	1389'	sands and shales		
1389'	1425'	Anhydrite		
1425'	1439'	shales		
1439'	2017'	shale and lime		
2017'	2116'	lime and shale	2116' - 3/4 degree	
2116'	2304'	limes and shales		
2304'	2566'	lime and shale		
2566'	2804'	lime and shale		
2804'	3026'	limes and shales		
3026'	3213'	lime and shale		
3213'	3269'	lime and shale		
3269'	3415'	lime and shale		
3415'	3518'	limes and shales		
3518'	3618'	lime and shale		
3618'	3715'	lime and shale		
3715'	3718'	lime and shale		
3718'	RTD			

DEC 12 1980

INSPECTION DIVISION

STATE OF KANSAS  
COUNTY OF

The undersigned hereby certifies that to the best of his knowledge and belief,  
the above facts are true and correct