

7-11-17W

WELL LOG

State Geological Survey
WICHITA BRANCH

OPERATOR: Liberty Enterprises, Inc.

WELL NAME: Henderson-Collins SWD #1 LOCATION: 80' W N/2 SW NW 7-11S-17W

COUNTY: Ellis STATE: Kansas

WELL COMMENCED: September 16, 1980 WELL COMPLETED: September 27, 1980

ELEVATION: 1891' K.B. TOTAL DEPTH: 3766'

PRODUCTION: Oil RIG NO: #1

CASING - 8-5/8": 1218.12' of used 28# cemented with 275 sxs 60/40 poz
2% gel 3% cc and 125 sxs common 2% gel 3% cc

5-1/2": 3595.44' cemented with 100 sxs 60/40 poz with 10% salt and
50 sxs common with 20 gal Latex in last 25 sxs PD @ 2:30 p.m.

ALL MEASUREMENTS TAKEN FROM THE TOP OF ROTARY BUSHING:

FROM	TO	FORMATION	DEVIATION FROM VERTICAL		REMARKS:
0'	517'	sand and shale	597	-1 1/2 degree	
517'	910'	sand and shale			
910'	1129'	sand and shales	1162	- 3/4 degree	
1129'	1157'	anhydrite			
1157'	1162'	anhydrite	3087	- 1 1/4 degree	
1162'	1166'	anhydrite			
1166'	1229'	shales			
1229'	1762'	shale			
1762'	1837'	shales			
1837'	2051'	shales and limes			
2051'	2091'	shale and lime			
2091'	2111'	shale and lime			
2111'	2313'	shales			
2313'	2464'	shale and lime			
2464'	2653'	shale and lime			
2653'	2739'	shales and limes			
2739'	2873'	shale and lime			
2873'	2974'	lime and shale	3731'	3760'	lime and shale
2974'	3005'	lime and shale	3760'	3766'	lime
3005'	3087'	lime and shale	3766'	RTD	
3087'	3162'	shale and lime			
3162'	3249'	limes and shales			
3249'	3338'	lime and shale			
3338'	3430'	lime and shale			
3430'	3515'	limes			
3515'	3585'	lime and shale			
3585'	3640'	lime and shale			
3640'	3711'	lime and shale			
3711'	3731'	lime and shale			

STATE OF KANSAS
COUNTY OF

SEP 28 1980
STATE GEOLOGICAL SURVEY
WICHITA BRANCH