

15-163-21178-00-00

W E L L L O G

OPERATOR: Pate-Dombaugh Petroleum & Martin Explorations

WELL NAME: Campbell #1 LOCATION: SE NE NE 12-9s-18W

COUNTY: Rooks STATE: Kansas

WELL COMMENCED: January 13, 1981 WELL COMPLETED: January 19, 1981

ELEVATION: 2006' K.B. TOTAL DEPTH: 3470'

PRODUCTION: D & A RIG NO: #1

CASING - 8 5/8": 259.33 used 28# cemented with 120 sxs common 3% cc 2% gel cement did
circ
5 1/2": _____

ALL MEASUREMENTS TAKEN FROM THE TOP OF ROTARY BUSHING:

FROM	TO	FORMATION	DEVIATION FROM VERTICAL	REMARKS:
0'	266'			
266'	700'	sand and shale		
700'	1375'	sand and shale		
1375'	1407'	Anhydrite		
1407'	1418'	Anhydrite		
1418'	1848'	shale and shells		
1848'	1908'	shale and lime	1908' - 2 degree	
1908'	1962'	shale and lime		
1962'	2220'	shales and lime		
2220'	2506'	shale and lime		
2506'	2738'	lime and shale		
2738'	2883'	lime and shale		
2883'	3034'	lime and shale		
3034'	3150'	lime and shale		
3150'	3232'	lime and shale		
3232'	3295'	lime and shale		
3295'	3367'	lime and shale		
3367'	3451'	lime and shale		
3451'	3470'	lime and shale		
3470'	RTD			

STATE OF KANSAS
COUNTY OF _____

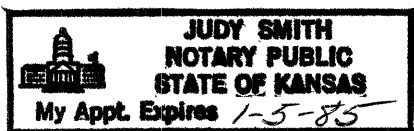
The undersigned hereby certifies that to the best of his knowledge and belief, the above facts are true and correct

PIONEER DRILLING CO., INC.

By Connie J. Austin

SUBSCRIBED AND SWORN TO, BEFORE ME, This 23rd day of January, 1981

Judy Smith
NOTARY PUBLIC



1-26-81
201901