

SIDE TWO

Operator Name Glenn D. Diehl Oil Operations Lease Name Marcellus Ruder Bwell # 1Sec 8 Twp 15 Rge 18 X East West County Ellis

RECOMPLETED FORMATION DESCRIPTION:

 Log SampleNameTopBottom

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth		Type of Cement	# Sacks Used	Type & Percent Additives
	Top	Bottom			
Perforate	238	1050	Class A	200	10% gypsum
<u>X</u> Protect Casing	630	1030	Class A	180	3% c.c.
Plug Back TD	762	2713	Class A	400	2% c.c.
Plug Off Zone					

Shots Per Foot	PERFORATION RECORD	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)
	Specify Footage of Each Interval Perforated	
1	3440-3443	300 gal 15% HCl
1	3422-3424	300 gal 15% HCl
1	3405-3409	400 gal 15% HCl

PBDT 3515 Plug Type Alpha bridge plug

TUBING RECORD:

Size 2 3/8" Set At 3482' Packer At Was Liner Run? Y X NDate of Resumed Production, Disposal or Injection 7-18-88.Estimated Production Per 24 Hours 60 bbl/oil 2 bbl/water MCF gas gas-oil ratio