

Operator Name Molz Oil Company Lease Name Estella Well# 4 SEC. 29 TWP. 32 RGE. 10 East West

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken Yes No
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

Name	Top	Bottom
anhedrite	645	1010
hale Carbonaceous		
imestone gray fine crystalline foss. & oolitic		
imestone cream fine crystalline, SSG		
ST #1 4143-4153 GTS 8" rec. 470' oil & GCSW IF 135/157/30", ICIP 1495#/30", FF 225/225/35", FCIP 1506/60", Gas stab. @ 81,000 CFGPD		
andstone, fine grained, dolomitic show oil		
ert fresh to Tripolitic show dark free oil		
ST #2 4392-4450' GTS 17", Rec. 180' GCM, Gas stab. @ 48,700 CFGPD IF 112/78/30", ICIP 595#/45", FF 112/112/60", FCIP 595#/90"		
ert white tripolitic, very good por. show free oil		
ST #3 4452-4469' GTS 11" Rec. 470' oil & gas cut mud & salt water Final gas 29,000 CFG. IF 112/101/30", ICIP 1060/45", FF 135/180/60" FCIP 1049/90"		
olomite white crse xln. LT FO Stn, G por.		
ST #4 4707-20' GTS 5", Final ga., 6,270 CFG Oil to surface 54". Rec. 4720' gassy oil, 60' Gassy oily mud IF 247/292/30", ICIP 1116#/45", FF 416/772/60", FCIP 1116/90"		
	4393	4402
	4420	4446
	4450	4500
	4706	4715

an GT Guns Open hole Logs

TUBING RECORD size 2 3/8" set at 4714 packer at none		Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First Production 10-5-84	Producing method <input type="checkbox"/> flowing <input checked="" type="checkbox"/> pumping <input type="checkbox"/> gas lift <input type="checkbox"/> Other (explain)		
Estimated Production Per 24 Hours	Oil	Gas	Water
	160 Bbls	50,000 MCF	none Bbls
			Gas-Oil Ratio CFPB
			Gravity 47

Disposition of gas: vented sold open hole perforation other (specify)

PRODUCTION INTERVAL 4708-4714

	drilled	set (in O.D.)	lbs/ft.	depth	cement	used	additives
Surface	12.1/4	8.5/8	24	258	Common	175	2% jel 3% cc
Production	7.7/8	5.1/2	15.5	4748	Common	125	10% salt

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
shots per foot	specify footage of each interval perforated	(amount and kind of material used)	Depth
4	4708-4714'	2000 gal. 15% DeMud. acid 18 Bbls. 2% K. Cl. water	4708-14'