



Operator Name MIDLAND ENTERPRISES Lease Name Schultz Well# 1-8-13 SEC. 13. TWP. 14. RGE. 20.  East  West

**TUBING RECORD** size 1 1/2" set at 850 packer at — Liner Run  Yes  No

Date of First Production 1/18/86 Producing method  flowing  pumping  gas lift  Other (explain) YAW

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

FORMATION Desc (CONT)		Formation Description	
Name	Top	Bottom	Description
shale	0	40	Top Salt clay
SND/LIME shale	384	40	shale
LIME shale	396	102	LIME
LIME shale	408	112	shale
LIME shale	413	115	LIME
LIME shale	423	123	shale
LIME shale	445	134	LIME
LIME (HERTHA) shale	449	134	SDY/LIME
SAND shale	462	141	shale
shale	466	148	LIME
shale	476	148	shale
LIME shale	604	155	shale
LIME shale	606	176	SDY/shale
LIME shale	635	180	LIME
LIME shale	641	180	shale
LIME shale	645	183	LIME
LIME shale	655	184	shale
LIME, SDY shale	670	204	shale
LIME, SDY shale	674	220	LIME
LIME, SDY shale	678	220	shale
SAND shale	695	282	LIME
shale	711	288	shale
shale	720	288	LIME
shale	744	292	shale
shale	770	292	LIME
shale	TD → 850	298	shale
shale		298	LIME
shale		301	shale
shale		308	shale
shale		311	LIME
shale		312	shale
shale		330	LIME
shale		337	shale
shale		365	LIME
shale		380	LIME

**CASING RECORD**  new  used  
 Report all strings set - conductor, surface, intermediate, production, etc.

Purpose of string	size hole drilled	size casing set (in O.D.)	weight lbs/ft.	setting depth	type of cement	# sacks used	type and percent additives
SURFACE	9"	6 1/4		40	PORTLAND	7	
PRODUCTION	5 1/8"	2 1/8		850	PORTLAND	130	

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
shots per foot	specify footage of each interval perforated	(amount and kind of material used)	Depth
2	767 - 777	FRAC: 120 BS, 20 LB. GEL. W/ 40 SX, 10.20 SAND,	767 - 777