

Operator Name Union Corp Lease Name Grandma Kee Well# 15 SEC. 17 TWP. 25 RGE. 16 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

See attached Radioactivity Log

Name Top Bottom

CASING RECORD <input checked="" type="checkbox"/> new <input type="checkbox"/> 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 Completion	9 7/8" 5 1/4"	6 1/4" 2 1/2"	UNK. UNK.	40' 968'	Portland Portland	15 159	N/A N/A
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
shots per foot	specify footage of each interval perforated			amount and kind of material used			Depth
12 shots	930' TO 938'			60 sacks Sand & 130 bbls Water (FRACTURE)			930-938'
TUBING RECORD				Liner Run			
size <u>2 1/2"</u> set at <u>968'</u> packer at <u>Ø</u>				<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production	Producing method <input type="checkbox"/> flowing <input checked="" type="checkbox"/> pumping <input type="checkbox"/> gas lift <input type="checkbox"/> Other (explain)						
<u>11/1/84</u>							
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity		
➔	<u>1 1/2</u> Bbls	<u>UNK.</u> MCF	<u>1/2</u> Bbls	<u>Ø</u> CFPB	<u>25</u>		

Disposition of gas: vented
 sold
 used on lease

METHOD OF COMPLETION
 open hole perforation
 other (specify)

PRODUCTION INTERVAL

Dually Completed.
 Commingled