

Operator Name H.K + W oil Lease Name Westhusin Well# 1 SEC 11 TWP 9 RGE 17 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		<input checked="" type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Formation Description	Name	Top	Bottom	
Samples Sent to Geological Survey	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Log					<input checked="" type="checkbox"/> Sample
Cores Taken	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No						
#1	3037' - 3085'	60-30-30-30	Temp 103	ANh	1264	1299		
	ICIP 757	FCIP 759		TOP	2880			
	IFP 64	IFFP 85		Heb.	3095			
	" 125	125		TOR	3121			
	Rec 200' muddy water			LAN	3136			
				BKc	3384			
#2	3096 - 3156	30-30-45-45	Temp 103	MASH	3389			
	ICIP 757	FCIP 749		ARB	3421			
	IFP 64	FFP 75		RTD	3481			
	Rec 110' SOCM							
#3	3411 - 3429	30-30-15-30	Temp 107					
	ICIP 54	FCIP 51						
	IFP 49	FFP 49						
	Rec 10' O.S. Dlg mud							

CASING RECORD								<input 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	12 1/4	8 - 5/8	24*	1282	50/50 Perm	22.5	2% Gel. 3% CC		
Production	7 7/8	5 1/2	14*	3480	EA-2	15.0	20 bbls. Salt. Flus.		
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record					
shots per foot	specify footage of each interval perforated			(amount and kind of material used)				Depth	
	3134 - 3333			3000 GAL. M.F. 15%					
	Change 1			350# salt plug					
TUBING RECORD					Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No				
size	set at	packer at							
Date of First Production	Producing method <input type="checkbox"/> flowing <input type="checkbox"/> pumping <input type="checkbox"/> gas lift <input type="checkbox"/> Other (explain)								
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio		Gravity			
	16 Bbls	MCF	250 Bbls	CFPB					

Disposition of gas: vented sold used on lease

METHOD OF COMPLETION: open hole perforation other (specify) Dually Completed Commingled

PRODUCTION INTERVAL