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MAR 30 2000

~~CONFIDENTIAL~~

Form ACD-1 (7-91)

SIDE TWO

Operator Name American Warrior IncLease Name KerstetterWell # 2-33Sec. 33-Twp. 32s Rge. 19☐ EastCounty Comanche☒ West

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

(Attach Additional Sheets.)

Samples Sent to Geological Survey

☒ Yes ☐ No

Cores Taken

☐ Yes ☒ No

Electric Log Run

☒ Yes ☒ No

(Submit Copy.)

List All E.Logs Run:

CSD. Hole Only Sonic Cement Bond Log

☒ Log

Formation (Top), Depth and Datum

☐ Sample

Name	Top	Datum
Heebner	4183'	-2257'
Douglas	4212'	-2286'
Lansing	4382'	-2456'
Base KC.	4852'	-2926'
Cherokee	5006'	-3080'
Miss	5096'	-3170'
Viola	5853'	-3921'
Arb.	6184'	-4270'

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	12 $\frac{1}{4}$ "	8-5/8"	23#	already set. 676'	NA	NA	NA
Production	7-7/8"	5 $\frac{1}{2}$ "	17#	6164'	Swift	250	1/4# flocculent gas stop D-Air

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
Perforate				
Protect Casing				
Plug Back TD				
Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2	4972-4984'	Frac, 10,000# 20/40 sand	4972-84'
OH.	6164'-6300'	500gals 20% MCA	same

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
GAS string		2-1/16"	5050'					
Disposal String		@-1/16"	6140'	6142'				
Date of First, Resumed Production, SVD or Inj.				Producing Method	<input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Shut In								
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Grav'
	NA		SI		SI		SI	

Disposition of Gas:

☐ Vented ☒ Sold ☐ Used on Lease
 (If vented, submit ACO-18.)

METHOD OF COMPLETION

☒ Open Hole ☒ Perf. ☒ Dually Comp. ☐ Commingled
☐ Other (Specify) _____

Production Interval

 4972'-84'
 6164'-6300'