

Operator Name HELLAR DRILLING COMPANY, INC. Lease Name USA Well # #1

Sec. 5 Twp. 16S Rge. 27

East
 West

County LANE

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
(Attach Additional Sheets.)

Yes No

Samples Sent to Geological Survey

Yes No

Cores Taken

Yes No

Electric Log Run
(Submit Copy.)

Yes No

List All E.Logs Run:

R A Guard Log

Sonic Cement Bond Log

Log Formation (Top), Depth and Datums Sample

Name Top Datum

Heebner	3772	-1238
Lansing	3811	-1277
Stark	4060	-1526
Fort Scott	4309	-1775
Mississippi	4412	-1878

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 ¹ / ₄ "	8 5/8"	24#	268.71'	60-40poemix	205	28 gel 3% cc
PRODUCTION	7 7/8"	4 1/2"	10.5#	4440'	EA-2	170	
DV Tool				1256'	HCL	300	

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth	Type of Cement	#Sacks Used	Type and Percent Additives
X Perforate				
Protect Casing	4327-33			A 250 15% MCA; RCA 1500 15% FE
Plug Back TD				
Plug-Off Zone	4311-15			A 260 15% MCA; RCA 2500 15% SGA

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

TUBING RECORD	Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2 3/8"	4365'	--		

Date of First, Resumed Production, SWB or Inj.	Producing Method	<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
May 27, 1994		

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	33.4	-0-	-0-		40°

Disposition of Gas:	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, submit ACO-18.)	<input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually comp. <input type="checkbox"/> Commingled	4311-15'
	<input type="checkbox"/> Other (Specify)	4327-33'

COPY

USA #1
Hellar Drilling Company, Inc.
ACO-1

API#15-101-21671

Drill Stem Test Information:

DST #1 3968-4000

30-45-60-45

Weak blow throughout. Recovered 90' of fluid - 30' slightly oil cut mud (12% oil, 88% mud) and 60' water cut mud (32% water, 68% mud)

FP's 41-41 & 52-62
BHP's 1153 & 1101

KCC

DST #2 4094-4109

JUN 23

30-45-60-45

CONFIDENTIAL

Strong blow throughout. Recovered 800' of fluid - 675' gasy oil (42%), 125' ho & gas cut mud (01% oil, 45% gas, 32% mud, 2% water)

FP's 72-93 & 187-291
BHP's 1215 & 1184

DST #2 4309-30

30-45-60-60

Weak blow initially, build to strong at end of test. Recovered 2500' gas in pipe, 25' clean oil, 40' muddy oil - 5% gas, 70% oil, 25% mud.

FP'S 31-31 & 41-41
BHP'S 447 & 437

RELEASED

JUL 26 1995

FROM CONFIDENTIAL

RECEIVED
STATE CORPORATION COMMISSION

JUN 24 1994

CONSERVATION DIVISION
Wichita, Kansas