

Physical Productivity Report to THE STATE CORPORATION COMMISSION, Conservation Division, 212 N. Market, Wichita, Kansas

HELMERICH & PAYNE LEIGHTON H4 S.F. PENDENNIS LANE K.C.-A.B. Cherokee Koch
 Producer's Name Lease Name Well No. Pool County Producing Horizon Pipe Line (Purchase)

Taken 5 29 1984 Effective 04 17 1984 R. 27 W 15-101-20532-0008
 Month Day Year Month Day Year Sec. Twp. Lease Description

Tank No.	Size	Opening Gauge				Barrels	Closing Gauge				Barrels
		Oil Level		B. S. & W.			Oil Level		B. S. & W.		
		Ft.	In.	Ft.	In.		Ft.	In.	Ft.	In.	
46081	210	4	0			56.0	5	8			79.34
											56.00
											23.34

Well Data
 Top Prod. Horizon 4137 Ft. Total Depth 4565
 Perforations 4137-4174-4458, 4146-4180-4470
 Size of Casing 5 1/2 Set at 4563 Ft.
 Size of Tubing 2 3/8 Set at 4499 Ft.
 Size of Pump 1 1/2 Type INSERT
 Gravity of Oil 37.3 Temp. 60
 Percentage of Water 8 Acid 10000 150 gal. Date 5-22-84

Test Data
 Temporary Permanent Field Special
 Flowing Swabbing Pumping
 Length of Stroke 54 In. S. P. M. 10 1/2

Total Bbls. Produced = 23.34 X 3 = 70.02 Productivity.
 REMARKS: COMMINGLED 5-23-84

SEALS and USGS:

WITNESSING: We, the undersigned, personally witnessed the gauging periods as indicated by our signatures, and certify that they were taken according to the Commission's Rules.

Gauge Witnesses	Opening Gauge	Closing Gauge
For Producer	<i>[Signature]</i>	
For Offset Owner		
For State	<i>[Signature]</i>	

Pretest Information:
 Hours pumped 24
 Bbls. Produced 23.34
 Tank Tables Used ✓
 Est. 167 (Bbls. per In.)
 Well Location
 Ft. From W. Line
 Ft. From N. Line

RECEIVED
 STATE CORPORATION COMMISSION
 JUN 04 1984
 CONSERVATION DIVISION
 Wichita, Kansas