

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

Energy Exploration Inc. Denning 1 Rooks Arbuckle Derby  
 Producer's Name Lease Name Well No. Pool County Producing Horizon Pipe Line (Purchaser)

Taken Nov. 16 1982 Effective Month Day Month Day 19 Sec. 20 Twp. 7-9 R. 19 W  
 Lease Description

15143-21748-0000  
21748

Tank No.	Size	Oil Level		B. S. & W.		Barrels	Oil Level		B. S. & W.		Barrels
		Ft.	In.	Ft.	In.		Ft.	In.	Ft.	In.	
91699	200	3	6				7	8			83.50

Well Data

Top Prod. Horizon 3443 Ft. Total Depth PB. 3517 Ft. 3520

Perforations 3446-55 to Ft.

Size of Casing 4 1/2 Set at 3520 Ft.

Size of Tubing 2 7/8 Set at 3433 Ft.

Size of Pump 1 3/4 Type Insert

Gravity of Oil 27.3 Temp. 48

Percentage of Water 74 Acid gal. Date

Test Data

Temporary  Permanent  Field  Special

Flowing  Swabbing  Pumping

Total Bbls. Produced = 84 Productivity.

REMARKS: The allowable for this well is 50 Barrels a day

SEALS and USES:

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>John Baird</i>	<i>John Baird</i>
For Offset Owner	<i>John Baird</i>	<i>John Baird</i>
For State	<i>Paul F. Balthazor</i>	

Length of Stroke 54 In. S. P. M. 17

Pretest Information: 330' FSL  
330' FWL

Hours pumped 24

Well Location NW/4

Bbls. Produced

Tank Tables Used

Checked by: *Rec'd 11-20-82* Est. 1.67 (Bbls. per In.)

Ft. From W. Line										Ft. From N. Line
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Send ORIGINAL WHITE COPY TO OFFICE. Give PINK to PRODUCER. BLUE to last OFFSET WITNESS. YELLOW retained by GAUGER.—REPORT FULLY ANY INCOMPLETED POTENTIAL.