

STATE OF KANSAS  
STATE CORPORATION COMMISSION  
200 Colorado Derby Building  
Wichita, Kansas 67202

WELL PLUGGING RECORD  
K.A.R.-82-3-117

API NUMBER 15-159-21,266-00-00

LEASE NAME Cody-Habiger

WELL NUMBER #4

2310 Ft. from S Section Line

4290 Ft. from E Section Line

SEC. 9 TWP. 18 RGE. 10 (E) or (W)

COUNTY Rice

Date Well Completed \_\_\_\_\_

Plugging Commenced 6-22-88

Plugging Completed 10-7-88

LEASE OPERATOR John J. Darrah, Jr.

ADDRESS 412 E. Douglas, Suite #1, Wichita, Ks. 67202

PHONE # 316-263-2243 OPERATORS LICENSE NO. 5088

Character of Well oil

(Oil, Gas, D&A, SWD, Input, Water Supply Well)

The plugging proposal was approved on August 8, 1988 (date)

by Jack Luthi (KCC District Agent's Name).

Is ACO-1 filed? \_\_\_\_\_ If not, Is well log attached? With application

Producing Formation \_\_\_\_\_ Depth to Top \_\_\_\_\_ Bottom \_\_\_\_\_ T.D. 3270'

Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS

CASING RECORD

Formation	Content	From	To	Size	Put In	Pulled out
				8-5/8"	267'	None
				5-1/2"	3265'	2224.45'

Describe in detail the manner in which the well was plugged, indicating where the mud fluid was placed and the method or methods used in introducing it into the hole. If cement or other plugs were used, state the character of same and depth placed, from feet to feet each set. Dumped sand to 2950 and 5 sacks cement. Shot casing at 2600' and 2200'. Pulled 54 joints of 5-1/2" casing. Howco plugged well with 400# hulls, 25 sacks gel, 100 # hulls and 125 sacks 60/40 pozmix cement with 2% gel. Maximum pressure was 650 psi and shutin 550 psi.

(If additional description is necessary, use BACK of this form.)

Name of Plugging Contractor Rockhold Engineering, Inc. License No. 5111

Address Box 698, Great Bend, Kansas 67530

NAME OF PARTY RESPONSIBLE FOR PLUGGING FEES: John J. Darrah, Jr.

STATE OF Kansas COUNTY OF Barton, ss.

James W. Rockhold (Employee of Operator) or (Operator) of above-described well, being first duly sworn on oath, says: That I have knowledge of the facts, statements, and matters herein contained and the log of the above-described well as filed that the same are true and correct, so help me God.

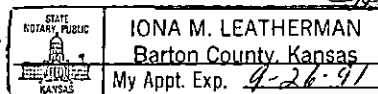
(Signature) James W. Rockhold

(Address) James W. Rockhold  
Box 698, Gt. Bend, Ks. 67530

SUBSCRIBED AND SWORN TO before me this 19th day of October, 1988

Joni M. Leatherman  
Notary Public

My Commission Expires \_\_\_\_\_



Mailed 12-9-81

**KANSAS DRILLERS LOG**

RECEIVED  
 STATE CORPORATION COMMISSION  
 S. 9 T. 18 R. 10 W  
 Loc. NE, NW, SW  
 County Rice JUN 22 1988  
 640 Acres

API No. 15 — 159 — 21,266-00-00  
 County Number

Operator  
 Brougner Oil, Inc.

Address  
 P.O. Box 1367, Great Bend, Kansas 67530

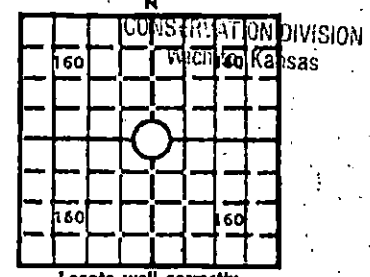
Well No. 4 Lease Name  
 Cody-Habiger

Footage Location  
 feet from (N) (S) line feet from (E) (W) line

Principal Contractor Woodman & Iannitti Geologist Bobby Beard

Spud Date 8-26-81 Total Depth 3270' P.B.T.D.

Date Completed 9-1-81 Oil Purchaser Phillips Petroleum



Locate well correctly  
 Elev.: Gr. 1768  
 DF 1769 KB 1772

**CASING RECORD**

Report of all strings set — surface, intermediate, production, etc.

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
Surface	12-1/4	8-5/8	28	267	Common	160	Gel 2% C.C 3%
Production	7-7/8	5-1/2	14	3265	Common	125	Gel 2% CFR-2 .75%

**LINER RECORD**

**PERFORATION RECORD**

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth Interval
			3	DP	3190-3193
			4	DP	3190-3198
			3	DP	3074-3080
			3	DP	3023-3026
			3	DP	3026-3031
			3	DP	3004-3007

**ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD**

Amount and kind of material used	Depth Interval treated
Acidized w/500 Gal. 15% MCA	
Acidized w/1500 Gal. 28% NE	
Acidized w/4000 Gal. 28% Retarded acid	
Acidized w/500 Gal. 15% MCA	
Acidized w/1000 Gal. 15% MCA	

**INITIAL PRODUCTION**

Date of first production 10-17-81 Producing method (flowing, pumping, gas lift, etc.) Pumping

RATE OF PRODUCTION PER 24 HOURS	Oil 20 bbls.	Gas MCF	Water 20 bbls.	Gas-oil ratio	CFPB
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Disposition of gas (vented, used on lease or sold) Producing interval (s) Arbuckle

INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, State Corporation Commission, 3830 So. Meridian (P.O. Box 17027), Wichita, Kansas 66217. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Drillers Logs will be on an open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.