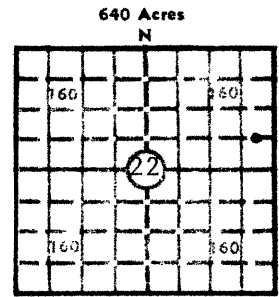


*Mailed 9-21-81*

**KANSAS DRILLERS LOG**

S. 22 T. 7S R. 22W<sup>XX</sup>  
 W  
 Loc. 330' N of SE SE NE  
 County Graham

API No. 15 — 065 — 21,392-00-00  
 County Number  
 Operator Brougner Oil, Inc.  
 Address Drawer 1367, 1135 Hwy. 281 Bypass, Great Bend, KS 67530  
 Well No. #1 Lease Name Nichol  
 Footage Location 660 feet from XX (S) line 330 feet from (E) XX line  
 Principal Contractor John O. Farmer, Inc. Geologist C. K. Ottaway  
 Spud Date 4-23-81 Total Depth 3865' P.B.T.D.  
 Date Completed 5-1-81 Oil Purchaser N.C.R.A.



Locate well correctly  
 Elev.: Gr. 2268  
 DF 2270 KB 2273

**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"	24	203'	Common	170	Gel 2% C.C 3%
Production	7-7/8"	4-1/2"	9.5	3860'	Common	125	Salt Blend

**LINER RECORD**

**PERFORATION RECORD**

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			3	DP	3681-3684
			3	"	3654-3656
			3	"	3633-3636
			3	"	3558-3560
			3	"	3504-3507
			3	"	3496-3494

**TUBING RECORD**

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

Amount and kind of material used	Depth interval treated
Acidized w/500 Gal. M.C.A.	

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**INITIAL PRODUCTION**

Date of first production 7-2-81 Producing method (flowing, pumping, gas lift, etc.) Pumping  
 RATE OF PRODUCTION PER 24 HOURS  
 Oil 10 bbls. Gas 80 MCF Water 80 bbls. Gas-oil ratio CFPB  
 Disposition of gas (vented, used on lease or sold) \_\_\_\_\_ Producing interval (s) \_\_\_\_\_

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 open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

Operator

Brougner Oil, Inc.

DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:

Well No.

#1

Lease Name

Nichol

Oil

S 22 T 7S R22W <sup>KX</sup><sub>W</sub>

WELL LOG

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Clay & Sand	0	60		
Blue Shale	60	203		
Shale & Sand	203	1430		
Sand	1430	1620		
Red Bed	1620	1889		
Anhydrite	1889	1917		
Shale & Shells	1917	2225		
Shale & Lime	2225	3000		
Lime & Shale	3000	3160		
Shale & Lime	3160	3290		
Lime & Shale	3290	3530		
Lime	3530	3780		
Lime & Shale	3780	3845		
Conglomerate	3845	3865		

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 CONSERVATION DIVISION  
 Wichita, Kansas

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

Date Received

*John D. Farmer III*  
Signature

Vice-President

Title

May 6, 1981

Date