

P 1

KANSAS

CONFIDENTIAL

released 1-082

SEP

WELL COMPLETION REPORT AND
DRILLER'S LOG

API No. 15 — 185 — 21,101
County Number

Operator

Black Gold Exploration Ltd.

Address

7555 E. Hampden Ave. Suite 413 Denver, Colo 80231

Well No.

#1

Lease Name

Hickman

Footage Location

330 feet from (N) (S) line

1650 feet from (E) ~~XX~~ line

Principal Contractor

Roco Drilling

Geologist

James W. Thompson

Spud Date

9-3-80

Date Completed

9-6-80

Total Depth

3554'

P.B.T.D.

Directional Deviation

none over 2°

Oil and/or Gas Purchaser

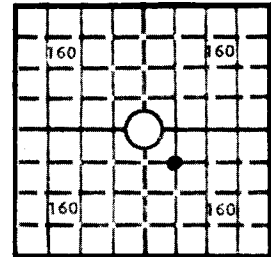
N/A

S. 3 T. 22 R. 14 W

State Geological Survey

WICHITA BRANCH
County

640 Acres



Locate well correctly

Elev.: Gr. 1938gr.

DF 1941 1943

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#	249'	common	200SX	2% gel 3% c.c.

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval

Size	Setting depth	Packer set at

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated

INITIAL PRODUCTION

Date of first production	Producing method (flowing, pumping, gas lift, etc.)				
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio	
	bbls.	MCF	bbls.	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, 245 No. Water, Wichita, Kansas 67202. 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 Black Gold Exploration		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Well No. #1	Lease Name Hickman	Dry Hole
S <u>3</u> T <u>22</u> R <u>14</u> ^S _W Stafford County		

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

Date Received	<i>Melody Skromley</i> Signature
	<i>Asst. Treasurer</i> Title
	12-19-80 Date

PI

3- 22- 14W

RoCo DRILLING, INC.

GREAT BEND, KANSAS 67530

P. O. BOX 11
1819 ELEVENTH STREET
TELEPHONE (316) 792-1383

DRILLERS WELL LOG

Hickman-Smallwood #1
NE NW SE
Section 3-22S-14W
Stafford County, Kansas

Operator: Black Gold Exploration Ltd.
7555 E. Hampden Ave.
Suite 413
Denver, Colo. 80231

Date Commenced: September 2, 1980
Date Completed: September 7, 1980

Total Depth: 3554'
D & A

Casing: 8 5/8" @ 249' w/200 Sks

<u>DEPTH</u>		<u>FORMATION</u>	<u>ELECTRIC LOG TOPS</u>
<u>FROM</u>	<u>TO</u>		
0	200	Surface Soil & Sand	No Electric Log Run
200	840	Sand, Red Beds & Shells	
840	867	ANHYDRITE	
867	1765	Shale & Shells	
1765	3554	Lime & Shale	
	3554	Rotary Total Depth	

I, Richard L. Miller, certify this is a correct copy of the Driller's Log from the well drilled at the above location, to the best of my knowledge and belief.

Signed: Richard L. Miller
Richard L. Miller

3-22-14W^P

JAMES W. THOMPSON
PETROLEUM GEOLOGIST
507 INSURANCE BLDG.
WICHITA, KANSAS 67202

GEOLOGIC REPORT

BLACK GOLD EXPLORATION, LTD.
#1 Hickman

NE NW SE; 3-22S-14W,
Stafford County, Kansas

MISCELLANEOUS DATA

Elevation: 1938 Gr.; 1941 R.D.F.; 1943 R.B.

This well was drilled with rotary tools, ROCO Drilling, Inc. of Great Bend, Kansas, the contractor.

Spudded September 3, 1980. Set 249' of new 24# 8 5/8" surface casing and cemented with 200 sacks common cement, 2% gel, 3% c.c. Rotary completed September 6, 1980. Pool: Wildcat. Dry and abandoned.

GEOLOGIC TOPS AND ZONES
(Samples and Drilling Time)

TOP Heebner Shale	3313 (-1370)
TOP Brown Lime	3436 (-1493)
TOP Lansing-Kansas City	3446 (-1503)
No shows of oil were encountered.	
ROTARY TOTAL DEPTH:	3554 (-1611)

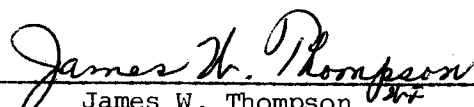
REMARKS

All above figures are rotary bushing measurements at an elevation of 1943', five feet above the ground level.

Samples were examined from 3200' to the total depth and drill watched from above the Lansing-Kansas City to the total depth.

Straight Hole Tests: None over 2°.

This well ran structurally 14' lower than the dry hole one location west. Because of the importance of structural position in the area for oil production, the decision was made to abandon the #1 Hickman at 3554', 108' below the top of the Lansing-Kansas City Limestone.


James W. Thompson
Petroleum Geologist