

KANSAS

WELL COMPLETION REPORT AND DRILLER'S LOG

State Geological Survey

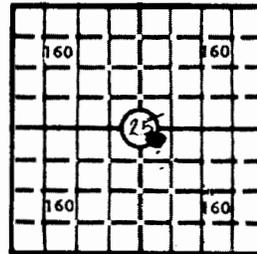
API No. 15 - 007 - 20,927 WICHITA BRANCH

S. 25 T. 33 R. 14W E W

Loc. NW NW SE

County Barber

640 Acres N



Locate well correctly

Elev.: Gr. 1837

DF 1840 KB 1842

Operator: Kansas Oil Corporation  
 Address: 250 N. Rock Road, Suite 300, Wichita, KS 67208  
 Well No. #1 Lease Name Bowman  
 Footage Location: 2310 feet from (XX) (S) line 2310 feet from (E) (XX) line  
 Principal Contractor: H-30 Drilling Geologist: Paul Laird  
 Spud Date: 12/1/80 Date Completed: 6-24-81 Total Depth: 4908' P.B.T.D.: 4850'  
 Directional Deviation: None. Oil and/or Gas Purchaser: Kansas Gas Supply

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		8 5/8"		365'	common	275	2% gel 3% CaCl
Production		4 1/2"		4880'	60-40 posmix	200	10% Salt, 10% Barrels saltflush

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2		4780-86
					4796-4804

TUBING RECORD

Size	Setting depth	Packer set at

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Swb. SION. ONFU 100' fluid w/good show oil. Acid w/1000 gal MA	4780-86, 4796-4804
Swb 250' fluid. SION . 2 swb runs. Frac w/26000 gal N2 + 700 sx. sand.	

INITIAL PRODUCTION

Date of first production: SIGW Producing method (flowing, pumping, gas lift, etc.): Pumping  
 RATE OF PRODUCTION PER 24 HOURS: Oil (bbis.), Gas (MCF), Water (bbis.), Gas-oil ratio (CFPB)  
 Disposition of gas (vented, used on lease or sold): sold Producing interval (s): 4780-86, 4796-4804

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  
Kansas Oil Corporation

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

Well No. #1

Lease Name  
Bowman

Gas

S 25 T 33 R 14 W E  
W

**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
Heebner	4039			
Toronto	4053			
Douglas Sand	4094			
Brown Lime	4230			
Dennis	4606			
Swope	4642			
Hertha	4672			
Marmaton	4715			
Mississippian	4786			
DST#1, 4789'-4818', 30-60-30-120, Rec 80'	DM, IHP 2344 psi.,	IFP 52-83 psi.,	ISIP 156 psi.,	
FFP 83-83 psi., FSIP 208 psi., FHP 2292 psi.,				

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

Date Received

*Michael R. Bryan*  
Signature

Michael R. Bryan

Title

8-27-81

Date

KANSAS DRILLERS LOG

State Geological Survey

WICHITA, BRANCH BS .14W  
LOC. NW NW SE

COMPANY Kansas Oil Corporation

FARM Bowman NO 1

COUNTY Barber

ROTARY TOTAL DEPTH 4,908'  
COMM. November 30, 1980 COMP. December 10, 1980  
CONTRACTOR H-30, INC. (Rig #2)  
ISSUED December 23, 1980

CASING

10 3/4"  
8 5/8" Set at 365' cemented w/275 sxs cement  
5 1/2"  
4 1/2" Set at 4,880' cemented w/200 sxs cement

ELEVATION 1,845' K.B.

FIGURES INDICATE BOTTOM OF FORMATIONS

Sand and Shale	410'
Shale	1,051'
Shale and Lime	1,174'
Red Bed, Shale and Lime	1,810'
Shale	2,030'
Lime and Shale	2,510'
Shale	2,680'
Lime and Shale	3,190'
Shale	3,370'
Lime and Shale	3,785'
Shale	3,985'
Lime	4,484'
Lime and Shale	4,675'
Lime	4,900'
Shale	4,908'
Rotary Total Depth	4,908'

I hereby certify the above and foregoing to be a true and correct log of the above described well as shown by the drilling reports.

H-30, INC.

*Dean Britting*  
Dean Britting

State of Kansas )  
                          ) ss:  
County of Sedgwick ) . .

Subscribed and Sworn to before me a Notary Public