

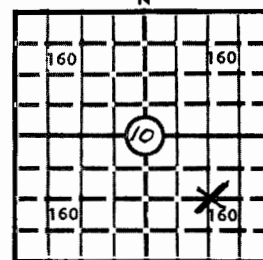
10-34-40W

KANSAS DRILLERS LOG

S. 10 T. 34 R. 40 E. W

Loc. C SE/4

County Morton

640 Acres
N

Locate well correctly

Elev.: Gr. 3333'

DF 3340' KB 3341'

API No. 15 — 129 — 20366
County Number

Operator

CITIES SERVICE COMPANY

Address

3545 N. W. 58th Street, Oklahoma City, Ok. 73112

Well No.

2

Lease Name

Morgan B

Footage Location

1326 feet from (N) (S) line

1321 feet from (E) (W) line

Principal Contractor

Wakefield Drilling Co.

Geologist

Spud Date

4-29-79

Total Depth

3003'

P.B.T.D.

2962'

Date Completed

8-31-79

Oil Purchaser

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	539'	175 sx Light Flocele; 175 sx Class H Flocele.	Pozmix w/2% CaCl & 1/2#	w/2% CaCl & 1/2#
Production	7-7/8"	4-1/2"	9.5	3001'	125 sx Light Flocele, 0.8% CFR-2; w/10% salt, CFR-2.	Pozmix w/1/4# Flocele, 100 sx 50/50 Pozmix	

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2		2825-47'
			2		2858-68'
Size 1-1/2"	Setting depth 2929'	Packer set at	2		2875-77'

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Acidize Council Grove 2825-77' w/2500 gals. 15% HCl. Frac w/85000 gals. 1% KCLW & 170,000# 20/40 sand.	2825-77'

INITIAL PRODUCTION

Date of first production 8-31-79	Producing method (flowing, pumping, gas lift, etc.) Flowing
RATE OF PRODUCTION PER 24 HOURS	Oil 0 bbls. Gas CAOF 311 MCF Water 1 BW/2-1/2 hrs bbls. Gas-oil ratio CFPB
Disposition of gas (vented, used on lease or sold) To be sold	Producing interval(s) 2825-77'

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

CITIES SERVICE COMPANY

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

Well No.

2

Lease Name

MORGAN B

Gas

S 10 T 34 R 40 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
Soil, sand & clay	0	510		
Red Bed	510	998		
Red Bed & Anhydrite	998	1253		
Sand	1253	1406		
Red Bed & Shells	1406	1890		
Shale & Shells	1890	2270		
Shale & Lime	2270	2415		
Lime & Shale	2415	3003		
Total Depth		3003		
PBTD		2962		

LOGGING: Schlumberger Dual
Induction Laterolog; Borehole
Compensated Sonic w/Gamma
Ray & Caliper. Cement Bond
& Collar Correlation Log.

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

Date Received

W. A. Givens

Signature

Engineering Manager

Title

September 12, 1979

Date