

WELL COMPLETION REPORT AND DRILLER'S LOG

KANSAS
State Geological Survey
WICHITA BRANCH

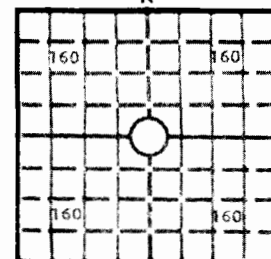
14-5-2024

API No. 15 — 147 — 20319
County Number

S. 14 T. 5S R. 20
Loc. 330' FSL-2310' FWL

County Phillips

640 Acres
N



Locate well correctly

Elev.: Gr. 2148'

DF 2150' KB 2153'

Operator
Cities Service Company

Address
209 E. William, 800 Sutton Place Bldg, Wichita, KS 67202

Well No. 13 Lease Name Templeton "A"

Footage Location
330' feet from (W) (S) line 2310 feet from (E) (W) line

Principal Contractor
Abercrombie Drilling

Geologist
Well Site - Jim Bergman

Spud Date 7-19-81 Date Completed 8-21-81 Total Depth 3700' P.B.T.D. 3673'

Directional Deviation
None

Oil and/or Gas Purchaser
Cities Service Co.

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#	254'	Class "A"	200	3% CaCl-2
Production	7-7/8"	4-1/2"	9-1/2#	3696'	50/50 PozmixA	185	75% CFR-2 10% Salt

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
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TUBING RECORD			2	1/2" Jet	3250' 3438'
Size	Setting depth	Packer set at			
4-1/2	3400'	-----			

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Acidize with 3000 gallons 15% Ne, 1000# rock salt and 1000#	
TLC 80.	3250' - 3438'

INITIAL PRODUCTION

Date of first production 8-21-81 Producing method (flowing, pumping, gas lift, etc.) Pumping

RATE OF PRODUCTION PER 24 HOURS
Oil 54 bbls. Gas ----- MCF Water 5 bbls. Gas-oil ratio ----- CFPB

Disposition of gas (vented, used on lease or sold) Producing interval (s) 3250' - 3438'

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, 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 Co.		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Well No. 13	Lease Name Templeton "A"	Oil
S 14 T 5S R 20 XX 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
See Attached				

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

Date Received	 E. W. Peterman Region Operations Manager 9-11-81
	Signature Title Date

CONTRACTORS WELL LOG

OPERATOR: Cities Service Co.
CONTRACTOR: Abercrombie Drilling, Inc.
WELL NAME: TEMPLETON 'A' #13
LOCATION: Sec. 14-5S-20W
Phillips County, Kansas
SPUD DATE: 7/18/81
COMPLETION DATE: 7/23/81

0	257	Clay, Sand & Shale
257	1631	Shale & Sand
1631	1660	Anhydrite
1660	3404	Shale
3404	3442	Lime & Shale
3442	3700	Lime
	3700	Rotary Total Depth

Spud hole @ 10:30 a.m., 7/18/81. Drilled 257' of a 12½" hole. Ran 6 joints of 8 5/8" 24# casing set @ 254.12' and cemented with 200 sacks of Class A, common 3% c.c., 2% gel. Plug was down @ 4:00 p.m., 7/18/81. Cement did circulate.

3700' TD. Ran 98 joints of new 4½" 9½# casing set @ 3696' with 185 sacks 50-50 posmix, 10% Salt, 2% Gel. Top stage cemented with 350 sacks Halco Lite, 10% Salt, 3% CFR 2, 2% Gel. Plug was down on top stage @ 11:50 p.m., 7/23/81.

SAMPLE TOPS:

Anhydrite 1631' - 1660'

RECEIVED
STATE CORPORATION COMMISSION

AUG - 3 1981

STATE OF KANSAS)
COUNTY OF SEDGWICK) SS

CONSERVATION DIVISION
Wichita, Kansas

Jack L. Partridge, Vice President of Abercrombie Drilling, Inc., does hereby state that the above and foregoing is a true and correct copy of the log of the TEMPLETON 'A' #13, Section 14-5S-20W, Phillips County, Kansas.

ABERCROMBIE DRILLING, INC.

BY: Jack L. Partridge
Jack L. Partridge, Vice Pres.