

KANSAS DRILLERS LOG

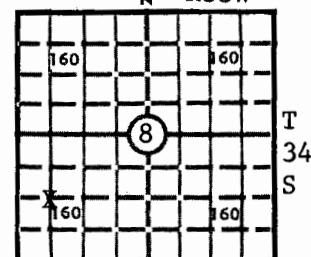
State Geological Survey
WICHITA, BRANCH

8-34-33W ✓

S. 8 T. 34S R. 33 W

Loc. C E/2 of SW/4

County Seward

640 Acres
N R33W

Elev.: Gr. 2892'

DF 2900' KB 2901'

API No. 15 — 175 — 20265
County Number

Operator

Cities Service Oil Company

Address

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

Well No.

3

Lease Name

Fitzgerald "A"

Footage Location

1320 feet from (O) (S) line 660' feet from (E) (W) line

Principal Contractor

DaMac Drilling Company

Geologist

Tom Olsen

Spud Date

9/18/75

Total Depth

6471'

P.B.T.D.

6358'

Date Completed

11/5/75

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#	1644'	Class H	925 sx	Cmt w/700 sx 35/65 Pozmix w/2%
		CaCl followed by		225 sx	Class H w/3% CaCl.		
Production	7-7/8"	5-1/2"	14# & 15.5#	6468'	Halliburton	250 sx	Cmt w/250 sx 50/50 Pozmix w/2%
		Add'l gel, 18% Salt, 1/4# clocele and 0.8% CFR-2.					

LINER RECORD

Top, ft. ---	Bottom, ft. ---	Sacks cement ---
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PERFORATION RECORD

Shots per ft. 2	Size & type 0.57 SDJ	Depth interval 6066-6082'
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TUBING RECORD

Size 2-3/8"	Setting depth 6079'	Packer set at ---
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ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Acidized Lower Morrow 6066-82' w/2500 gals of 15% HCl acid w/10% Solvent & 36 ball sealers. Acid fraced Lower Morrow 6066-82' down gals of 5% & 27,500# sand as follows: 1000 gals 5% acid w/90 gals stabilizer), 1000 gals 5% acid spacer, 7000 gals 5% acid RF60 (J-267) pad, 10,000 gals 5% acid RF60 (J0267) w/10,000# 20/40 Sd, 10,000 gals 5% acid RF60 (J-267) w/10,000# 10/20 Sd, 5000 gals 5% acid RF60 (J-267) w/7500# 10/20 Sd.	U-66 Mutual csg w/34,000 6066' to 6082'
Flushed w/6100 gals of 1% KCLW w/10#/1000 gals G-267.	

INITIAL PRODUCTION

Date of first production 11-5-75	Producing method (flowing, pumping, gas lift, etc.) Flowing
RATE OF PRODUCTION PER 24 HOURS	Oil --- bbls. Gas Potential * CAOF 20000 MCF Water --- bbls. Gas-oil ratio --- CFPB
Disposition of gas (vented, used on lease or sold) To be sold to Northern Natural	Producing interval (s) 6066-6082'

* * 4-Pt. test to be taken when well is connected to pipeline.
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 Oil Company

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

Gas

Well No.

3

Lease Name

Fitzgerald "A"

S 8 T 34S R 33 ^{XXX}
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

Sand & Red Bed

0

800

Shale & Gyp

800

1060

Sand

1060

1270

Red Bed

1270

1290

Anhydrite & Red Bed

1290

1695

Red Bed & Shale

1695

2200

Lime & Shale

2200

3195

Dolomite

3195

4040

Lime & Shale

4040

5028

Lime

5028

5160

Lime & Shale

5160

6471

TD

6471

PBTD

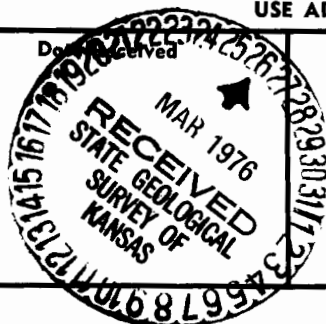
6358

Ran Rosel Cmt Bond Log &
CC Log from 5100-6418'.

Top Cmt at 5500'.

Ran Schlumberger Dual Induc-
tion Laterlog & Borehole
Comp. r Sonic w/ Gamma Ray
Caliper from 1644' to 6471'
K.B.

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



H. E. Massey
Signature

H. E. Massey

Operations Manager

Title

2/17/76

Date