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KANSAS

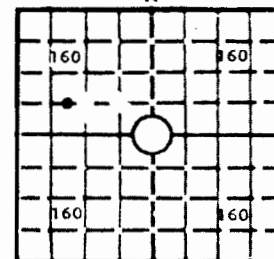
21-6-26W

State Geological Survey
WICHITA, BRANCH

S. 21 T. 6S R. 26 E W

Loc. C SE SW NW

County Sheridan

640 Acres
NLocate well correctly
2651

Elev.: Gr. 2651

DF KB 2656

WELL COMPLETION REPORT AND
DRILLER'S LOGAPI No. 15 — 179 — 20,537
County Number

Operator

Tomlinson Oil Co., Inc.

Address

200 W. Douglas - Suite 1030, Wichita, Kansas 67202

Well No.

1

Lease Name

Glasgow

Footage Location

660

feet from (N) (S) line

feet from (E) (W) line

Principal Contractor

Abercrombie Drilling, Inc.

Geologist

Paul A. Montoia

Spud Date

11/30/80

Date Completed

12/6/80

Total Depth

4020

P.B.T.D.

3920

Directional Deviation

Oil and/or Gas 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	12½"	8 5/8"	23#	385'	Common	325	2% gel, 3% cc.
Production	7 7/8"	4½"	10.5#	4002 KB	50-50 pozmix	125	10% salt, 12½# gil,

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
				3 jets/ft.	3938-40, 3944-46
				3 jets/ft.	3873-78
				3 jets/ft.	3836-42

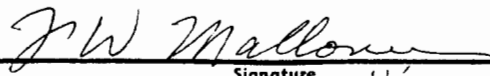
ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
8% 1000 S.W. 63bbbls, treated @ 5 BPM	3938-40, 3944-46
28% 1250 S.W. 62 bbbls., treated @ 2 BPM	3873-78
28% 1000 S.W. 61 bbbls., treated @ 2 BPM.	3836-42

INITIAL PRODUCTION

Date of first production		Producing method (flowing, pumping, gas lift, etc.)			
RATE OF PRODUCTION PER 24 HOURS		Oil bbls.	Gas MCF	Water bbls.	Gas-oil ratio 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 Tomlinson Oil Co., Inc.		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:	
Well No. 1	Lease Name Glasgow		Oil
S <u>21</u> T <u>6S</u> R <u>26</u> W			
WELL LOG		SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.	
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.			
FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME
DST #1: 3741-3810: 30-45-30-45. Bldg. blow to 8" in the water then decreasing. 2" in water then decreasing to ½". Rec. 60' of gas in pipe. 150' OCM, 60' SOCMW, 300' SOCSW.			Anhydrite Topeka Lime Heebner Lansing B./K.C.
I.F.P. 111/252 psi I.C.I.P. 323 psi F.F.P. 282/303 psi F.C.I.P. 323 psi			2258 (+398) 3556 (-900) 3711 (-1055) 3752 (-1096) 3950 (-1294)
DST #2: 3818-3860: 45-45-45-60. Weak blow building to 12" in water. Weak blow building to 8" in water. Rec. 270' of gas in pipe. 60' CO, 60' MO, 30' SOCMW.			
I.F.P. 60/80 psi I.C.I.P. 404 psi F.F.P. 101/111 psi F.C.I.P. 272 psi			
DST #3: 3863-3880: 45-45-45-60. Blow off bottom of bucket in 20 min. Blow off bottom of bucket in 32 min. Rec. 205' of gas in pipe, 65' CGO, 60' OCM, 90' OCMW, 210' SOCMW.			
I.F.P. 131/202 psi I.C.I.P. 404 psi F.F.P. 202/232 psi F.C.I.P. 424 psi			
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.			
Date Received	<div style="text-align: right;">  Signature Vice Pres. Production 1-27-80 Title 1-27-80 Date </div>		

91-8-80

State Geological Survey
WICHITA, BRANCH

CONTRACTOR'S WELL LOG

OPERATOR: Tomlinson Oil Company
 CONTRACTOR: Abercrombie Drilling, Inc.
 WELL NAME: GLASGOW #1
 LOCATION: SE SW NW, Section 21-6S-26W
 Sheridan County, Kansas
 SPUD DATE: 11/30/80
 COMPLETION DATE: 12/06/80

0	350	Clay, Sand & Shale
350	826	Shale
826	1537	Shale & Sand
1537	2259	Sand & Shale
2259	2292	Anhydrite
2292	2588	Shale
2588	3770	Shale & Lime
3770	4020	Lime
	4020	Rotary Total Depth

Spud hole @ 1:00 p.m., 11/29/80. Drilled @ 386' in a 12 $\frac{1}{4}$ " hole. Ran 9 jts. of a 8 5/8" - 23# (new) casing (tally 377.60) Set @ 384' RTD. Cemented with 325 sx. of common 3% cc, 2% gel. Cement did circulate. Plug was down @ 6:00 p.m., 11/29/80. Drilled Plug @ 4:00 a.m., 11/30/80. Drilling @ 826' Bit #1, 4-11.

T.D. @ 4020'. Drilled 40 more feet after running log and before running pipe. hrs. drilling, 9 $\frac{1}{4}$ hrs. daywork, 12 3/4 hrs. other. Ran 99 jts. of 4 $\frac{1}{4}$ " - 10 $\frac{1}{2}$ # new casing (tally 3994.39) Set @ 3994' G.L. with 125 sx. of 50/50 posmix, 10% salt, 12 $\frac{1}{2}$ # of Gilsonite per sack. Plug was down @ 6:14 p.m., 12/05/80 by Sun Cementing.

SAMPLE TOPS:

Anhydrite 2259'
 B/Anhydrite 2292'