KANSAS

WELL COMPLETION REPORT AND DRILLER'S LOG

State Geological Survey
WICHITA BRANCH

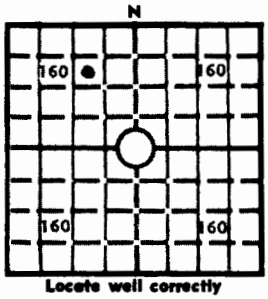
API No. 15 — 007 (County) — 20962 ~~21,208~~ (Number)

S. 25 T. 31S R. 13 XX W

Loc. 1650' FWL & 990' FNL

County Barber

640 Acres
N



Locate well correctly

Elev.: Gr. 1575

DF _____ KB 1583

Operator		
Texas Oil & Gas Corp.		
Address		
200 W. Douglas, Ste. 300, Wichita, KS 67202		
Well No.	**Lease Name**	
#1	Clarke "J"	
Footage Location		
990' feet from (N) XX line	1650' feet from (W) XX line	
Principal Contractor	**Geologist**	
H-30, Rig #3	Professional Well Logging	
Spud Date	**Date Completed**	**Total Depth**	**P.B.T.D.**
6-19-81	7-30-81	4348'	4310'
Directional Deviation	**Oil and/or Gas Purchaser**	
Not directionally drilled	Koch	

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	12¼	8-5/8"	24#	341		300	Class "H"
Production		4-1/2"	10.5#	4347'		500 gals 40 bbls	mud flush KCl
						200 sxs	

LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement
N/A	N/A	N/A

TUBING RECORD

Size	Setting depth	Packer set at
2-3/8"	4180	4157

PERFORATION RECORD

Shots per ft.	Size & type	Depth interval
2 JSPF (17 h.)	Miss.	4274-82'
1 JSPF (25 h.)	Miss.	4206-30'

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Acidized w/1000 gals 15% MCA w/FE agent	4274-82'
Frac w/215 sxs 20/40 & 30 sxs 10/20 sand in 70-qual. foam @ 12	"
Acidize w/2000 gals NEA w/35 ball sealers @ 3 BPM & 1050#	4206-30'
Fraced w/315 sxs 20-40# sand, 120 sxs 10-20# sand	"

INITIAL PRODUCTION

Date of first production	Producing method (flowing, pumping, gas lift, etc.)
8-7-81	pumping

RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio
	70 BO bbls.	N/A MCF	70 BWPD bbls.	N/A CFPB

Disposition of gas (vented, used on lease or sold)	Producing interval(s)
Sold	4206-30' & 4274-82'

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.

FIELD: Bitter Creek (Miss.)

C-10-1972

Operator	DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Texas Oil & Gas Corp.	Oil

Well No.	Lease Name
#1	Clarke "J"

S 25 T 31S R 13 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
LOG TOPS				
Herington	1821	-237		
Winfield	1886	-302		
Florence	2050	-466		
Cottonwood	2361	-777		
Onaga	2598	-1014		
Indian Cave ss	2606	-1022		
Wabaunsee	2658	-1074		
Tarkio	2850	-1266		
Howard	3030	-1446		
Topeka	3306	-1722		
Heebner	3513	-1929		
Lansing	3704	-2120	RAN O.H. LOGS	
Swope	4047	-2463		
Marm.	4123	-2539		
Miss.	4198	-2614		
RTD	4348			
LTD	4350			
DST #1, 2600-19' (I.C.):				
IFP/30": 162-524#				
ISIP/60": 1049#				
FFP/45": 655-880#				
FSIP/90": 1072#				
Rec: 1830' SW				
DST #2, 3649-88' (L. Douglas):				
IFP/30": 257-953#, GTS in 25"				
ISIP/60": 1404#				
FFP/45": 813-1077#, gauged 26 MCFD w/strong spray wtr				
FSIP/90": 1413#				
Rec: 2670' GCSW				
DST #3, 3574-94' (U. Douglas):				
IFP/30": 424-885#				
ISIP/60": 1339#				
FFP/30": 700-1023#				
FSIP/60": 1311#				
Rec: 2235' SW				
DST #4, 4197-4214' (Miss.):				
IFP/30": 21-31#, strong blow				
ISIP/60": 258#				
FFP/45": 31-41#, strong blow				
FSIP/90": 278#				
Rec: 60' SGCM + 30 OCM				
DST #5, 4214-43' (Miss.):				
IFP/30" 31-31#, good blow				
ISIP/60": 720#				
FFP/45" 31-31#, strong blow				
FSIP/90": 669#				
Rec: 50' SGCM, 20' SG&OCM, 50' HO&GCM				

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

Date Received

Harold R. Trapp
Signature

Harold R. Trapp
District Geologist
Title

August 25, 1981
Date

TEXAS OIL & GAS CORP.
200 W. DOUGLAS, SUITE 300
WICHITA, KANSAS 67202

**CORRECTED TO ADD LOG TOPS

August 25, 1981

RELEASE OF WELL INFORMATION

Texas Oil & Gas Corp.
#1 Clarke "J"
1650' FWL & 990' FNL
Section 25-31S-13W
Barber County, Kansas
Field: Bitter Creek (Miss.)

25-31-13W
#1 Clarke "J"
1650' FWL + 990' FNL
SW NE NW

Spud: 6-19-81
Geologist: Professional Well Logging
Contractor: H-30, Rig #3
Elev: 1583' K.B.
Surface: 8-5/8" @ 341' w/300 sxs
Production: 4-1/2" @ 4347' w/200 sxs

Ran O.H. Logs

DST #1, 2600-19' (Indian Cave), w/results as follows:
IFP/30": 162-524#
ISIP/60": 1049#
FFP/45": 655-880#
FSIP/90": 1072#
Rec: 1830' SW

DST #2, 3649-88' (L. Douglas), w/results as follows:
IFP/30": 257-953#, GTS in 25"
ISIP/60": 1404#
FFP/45": 813-1077#, gauged 26 MCFD w/strong spray wtr
FSIP/90": 1413#
Rec: 2670' GCSW

DST #3, 3574-94' (U. Douglas), w/results as follows:
IFP/30": 424-885#
ISIP/60": 1339#
FFP/30": 700-1023#
FSIP/60": 1311#
Rec: 2235' SW

DST #4, 4197-4214' (Miss.) w/results as follows:
IFP/30": 21-31#, strong blow
ISIP/60": 258#
FFP/45": 31-41#, strong blow
FSIP/90": 278#
Rec: 60' SGCM + 30 OCM

-cont.-

Texas Oil & Gas Corp.
#1 Clarke "J"
1650' FWL & 990' FNL
Section 25-31S-13W
Barber County, Kansas
Field: Bitter Creek (Miss.)

DST #5, 4214-43' (Miss.), w/results as follows:
IFP/30": 31-31#, good blow
ISIP/60": 720#
FFP/45": 31-31#, strong blow
FSIP/90": 669#
Rec: 50' SGCM, 20' SG&OCM, 50' HO&GCM

LOG TOPS

Herington	1821	-237	Topeka	3306	-1722
Winfield	1886	-302	Heebner	3513	-1929
Florence	2050	-466	Lansing	3704	-2120
Cottonwood	2361	-777	Swope	4047	-2463
Onaga	2598	-1014	Marm.	4123	-2539
Indian Cave ss	2606	-1022	Miss.	4198	-2614
Wabaunsee	2658	-1074	RTD	4348	
Tarkio	2850	-1266	LTD	4350	
Howard	3030	-1446			

MI & RU Completion Unit. Perfed Miss. from 4274-82' w/2 JSPF (17 holes). Acidized w/1000 gals 15% MCA, ATP=775. Rate=1 BPM. Rec: 65 BF. SITP=100#, SICP=150#. 500' FIH w/250' oil. Fraced w/215 sxs 20/40 & 30 sxs 10/20 sand in 70-quality foam @ 12 BPM. ATP=3100#. Opened up & well blew down. Swabbed back. Well swabbed down to 1.17 BFPH w/7% oil & CP=120#. SI. Perfed Miss. from 4206-30' w/1 JSPF (25 holes). RIH w/RBP @ 4256'. Acidized perfs 4206-30' w/2000 gals NEA w/35 ball sealers @ 3 BPM & 1050#. Swabbed back. Last 3 swab runs had 400' FIH w/22% oil. SITP=900#, SICP=290#. 1200' GFIH. Mostly oil. Fraced w/315 sxs 20-40# sand, 120 sxs 10-20# sand. ATP=1930#. Rate=19 BPM. Load=829 bbls. Swabbed 111 bbls& well kicked off. Flowed 100 bbls w/10-15% oil cut. SITP=840#, SICP=vacuum. Blew down tbg. Cleaned out + 300' sand in csg and RBP had gone down hole to 4283'. Retrieved RBP. 2-3/8" tbg @ 4180' S. N. @ 4157'. Ran pump & rods. TP=CP=38#. Pumped 70 BO + 70 BWPD. Perfs: 4206-30' & 4274-82', final report. 1st Prod: 8-7-81. Purchaser: Koch. Compl. Date 7-30-81.

Respectfully submitted,

TEXAS OIL & GAS CORP.

Harold Trapp

Harold R. Trapp
District Geologist

/bh

State Geological Survey
WICHITA BRANCH

API No. 15 -007-21,208

KANSAS DRILLERS LOG

COMPANY Texas Oil and Gas Corporation

FARM Clark "J" NO. 1

SEC. 25 T. 31S R. 13W
LOC. 1650' FWL - 990' FNL

COUNTY Barber

ROTARY TOTAL DEPTH 4348'
COMM. June 19, 1981 COMP. July 1, 1981
CONTRACTOR H-30, INC. - Rig No. 3
ISSUED July 8, 1981

CASING

10 3/4"
8 5/8" - set at 341' - cemented w/300 sxs cement
5 1/2"
4 1/2" - set at 4347' - cemented w/200 sxs cement

ELEVATION 1575' G.L.

FIGURES INDICATE BOTTOM OF FORMATIONS

Red Bed	342'
Red Bed and Shale	1170'
Lime and Shale	1705'
Shale	2160'
Lime and Shale	2376'
Shale and Lime	2619'
Lime and Shale	3915'
Shale and LIme	4016'
Lime and Shale	4178'
Shale, Lime, and Chat	4214'
Lime and Shale	4292'
Shale and Lime	4348'
RTD	4348'

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.

Gary Younger

State of Kansas)
) ss
County of Sedgwick)

Subscribed and Sworn to before me, a Notary Public, in and for