

KANSAS

WELL COMPLETION REPORT AND DRILLER'S LOG

IMPORTANT
Kans. Geo. Survey request samples on this well.

State Geological Survey
WICHITA, BRANCH
S. 1 T. 34 R. 20 XXX
W
C-SW-NW
County Comanche

API No. 15 — 15-033 — 20,369
County Number

Operator
R.J. Patrick Operating Company

Address
P.O. Box 1314, Liberal, KS 67901

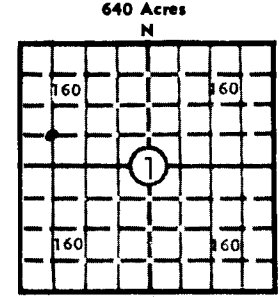
Well No. 1 Lease Name RALPH BAKER

Footage Location
660 feet from (N)(S) line 660 feet from (E)(W) line

Principal Contractor Geologist
Gabbert & Jones Joe Blair

Spud Date Date Completed Total Depth P.B.T.D.
9/20/80 10/25/80 5350' 5330'

Directional Deviation Oil and/or Gas Purchaser
1/2° Oil-UPG Gas-Northern Natural



Locate well correctly
Elev.: Gr. 1800'
DF KB 1804'

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
Conductor	30"	20"	--	65'	Ready-mix	7 yds.	Grout
Surface	12 1/4"	8-5/8"	23#	768'	HOWCO	450	Light & Common with 3% CC
Production	7-7/8"	5-1/2"	15.5#	5349'	HOWCO	180	Pozmix with 17% salt

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			1	1/2" jet	5150-65'
TUBING RECORD			1	1/2" jet	5122-30'
Size	Setting depth	Packer set at	2	1/2" jet	4754-59'

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
3000 gal. 15% MCA Acid HOWCO	5150-65'
3000 gal. 15% MCA Acid HOWCO	5122-30'
5000 gal. 15% Non-E Acid	4754-59'

INITIAL PRODUCTION

Date of first production 10/10/80 GAS
10/18/80 OIL

Producing method (flowing, pumping, gas lift, etc.)
Flowing Mississippi Gas (Dual Well)
Flowing Swope Oil

RATE OF PRODUCTION PER 24 HOURS
Oil 150 bbls. Gas 500 MCF Water 0 bbls. Gas-oil ratio 500 to 1 on CFPB

Disposition of gas (vented, used on lease or sold) Producing interval(s)
Mississippi Gas Shut In. Swope Zone Vented 5150-65', 5122-30', 4754-59'

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 R.J. Patrick Operating Company		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Well No. 1	Lease Name RALPH BAKER	Dual - Oil and Gas
S 1 T 34 R 20 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
0'	470	Surface Clay, Sand				
470	1955	Shale				
1955	2019	Shale, Lime				
2019	2265	Lime, Shale				
2265	2637	Shale, Lime				
2637	2950	Lime, Shale				
2950	3120	Shale, Lime				
3120	4390	Lime, Shale				
4390	4527	Lime				
4572	4610	Lime, Shale				
4610	5350	Lime				
5350		RTD				

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

Date Received	 Signature
	R.J. Patrick Title
	December 2, 1980 Date

1-30-80-00

1-34-20W

GABBERT-JONES, INC.
WICHITA, KANSAS
DRILLERS' WELL LOG

Ralph Baker #1
NW/4 Sec 1-34S-20W
Comanche County Kansas

Commenced: 9-20-80

Completed: 10-4-80

OPERATOR: R. J. Patrick Operating Co.

Depth		Formation	Remarks	
From	To			
0	470	Surface Clay-Sand	Ran 19 jts of 23# 8 5/8" csg set @ 768' Cemented w/300 sks Howcolite w/1/2# Flocele - 2% CC + 150 sks Class H 3% CC PD @ 9:30 p.m. Top PD @ 10:00 p.m. 9-20-80	
470	1955	Shale		
1955	2019	Shale-Lime		
2019	2265	Lime-Shale		
2265	2637	Shale-Lime		
37	2950	Lime-Shale		
2950	3120	Shale-Lime		
3120	4390	Lime-Shale		
4390	4527	Lime		
4527	4610	Lime-Shale		
4610	5350	Lime		
	5350-TD			Ran 133 jts of 15 1/2# 5 1/2" csg set @ 5349' Cemented w/180 sks Posmix - 17% Salt PD @ 9:00 a.m. 10-4-80

STATE OF KANSAS)
) SS
COUNTY OF SEDGWICK)

I, the undersigned, being duly sworn on oath, state that the above Drillers' Well Log is true and correct to the best of my knowledge and belief and according to the records of this office.

GABBERT-JONES, INC.

James S. Sutton II
JAMES S. SUTTON II

Subscribed and sworn to before me this 9th day of October, 1980.

Elizabeth J. Edwards
ELIZABETH J. EDWARDS-NOTARY PUBLIC

My Commission expires February 6, 1983.