

KANSAS

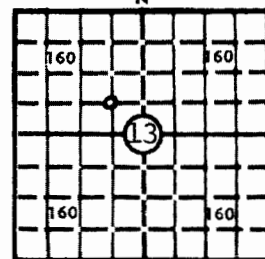
State Geological Survey

S. 13 T. 31S R. 9W

Loc. C SE NW

County Harper

640 Acres



Locate well correctly

Elev.: Gr. 1613

DF 1621 KB 1623

WELL COMPLETION REPORT AND
DRILLER'S LOGAPI No. 15 — 077 — 20,623
County Number

Operator

S & G Oil Company, Inc.

Address

Suite 1878, One Williams Center 74172 TULSA.

Well No.

9

Lease Name

Ryan

Footage Location

1650 feet from (N) line 1650 feet from (W) line

Principal Contractor

Dunne-Garoner

Geologist

James F. Dilts

Spud Date

9/17/80

Date Completed

1/17/81

Total Depth

4470'

P.B.T.D.

4448'

Directional Deviation

Oil and/or Gas Purchaser

/Kansas Power & Light

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 $\frac{1}{4}$ "	8-5/8"	24	269'	Portland	225	2% CaCl 2% gel
Production	7-7/8"	5- $\frac{1}{2}$ "	14	4490'	50-50 Pozmix	150	2% gel 4#/sk. gilsonite

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2	Jets	4436'-4441'

TUBING RECORD

Size	Setting depth	Packer set at
2-3/8"	4448'	-----

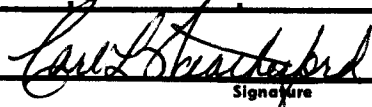
ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
1000 gal 15% MCA	4436'-4441'
20,000 gal Gelled KCL water - 12,500 lbs sand	4436'-4441'

INITIAL PRODUCTION

Date of first production		Producing method (flowing, pumping, gas lift, etc.)			
1/17/81		Pumping			
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio	
	18 bbls.	80 MCF	0 bbls.	4444 CFPB	
Disposition of gas (vented, used on lease or sold)			Producing interval(s)		
Sold			4436'-4441'		

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 S & G Oil Company, Inc.		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:	
Well No. 9	Lease Name Ryan	Oil	
S <u>13</u> T <u>31</u> S <u>R</u> <u>9</u> ^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	
DST #1 4394'-4408'			Chase 1601'
Temp: 122°F, IHP: 2134,			Topeka 3030'
30 min IFP: 54-64 GTS 20 minutes,			Lansing 3626'
60 min ISIP: 324, FFP: 80-80,			B/KC 4170'
FSIP: Clock Stopped			Marmaton 4202'
Recovered 70' G & OCM, 60' MCO			Cherokee 4306'
			Mississippi 4384'
Shale and Sand	0	272	
Shale and Shells	272	1576	
Shale and Lime	1576	3935	
Lime	3935	4093	
Lime and Shale	4093	4272	
Lime	4272	4500	
RTD	4500		
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.			
Date Received	 Signature Manager of Operations Title 3-12-81 Date		