

State Geological Survey DRILLERS LOG WICHITA BRANCH

S. 30 T. 16S R. 18 E
XXX

API No. 15 - 059 - 22,153
County Number

Operator
Glacier Petroleum Company, Inc.

Address
P.O. Box 577, Emporia, KS 66801

Well No. 4 Lease Name Hudelson

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

Principal Contractor
Glacier Drilling Company, Inc. Geologist
Wilbur Bradley/Chuck Kuhl

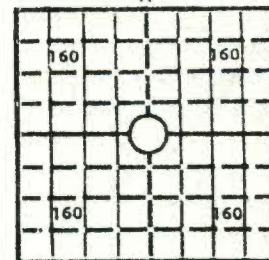
Spud Date 10/13/81 Total Depth 1,250' GL P.B.T.D.

Date Completed 10/15/81 Oil Purchaser

Loc. C SE SE NW

County Franklin

640 Acres
N



Locate well correctly

Elev.: Gr. _____

DF _____ KB _____

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	9 7/8"	7"		280'	Common	125	3% cc
PRODUCTION	6 1/4"	4 1/2"	9.5	1203'	Common	50	

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.

Formation	Top	Btm.	Formation	Top	Btm.	Formation	Top	Btm.
Soil	0	7	Shale	319		Shale	748	
Lime	7		Shale w/lime	327		Lime	875	
Shale	9		Lime	334		Shale	884	
Lime w/shale	13		Lime w/shale	341		Lime	913	
Lime	21		Shale	352		Shale	917	
Shale	24		Shale w/lime	486		Lime	940	
Lime	28		Shale	514		Shale	945	
Lime w/shale	31		Lime	533		Shale w/lm stks	1042	
Lime	33		Shale	541		Sand w/shl stks	1136	
Shale	37		Shale w/lime	521		Shale/lime	1156	
Lime	39		Lime	575				
Shale	43		Shale w/lime	580				
Lime w/shale	69		Shale	586				
Shale	132		Lime w/shale	596				
Lime	148		Lime	611				
Shale	154		Lime w/shale	614				
Hard Lime	159		Shale	624				
Shale/sand	170		Lime	639				
Shale/lime	234		Shale	653				
Shale	260		Lime	657				
			Shale w/lime	659				
Lime w/shale	288		Lime	663				
Shale	299		Shale	674				
Lime	307		Lime	837				

PI

SIDE ONE

AFFIDAVIT OF COMPLETION FORM

State Geological Survey
WICHITA, BRANCH (REV) ACO-1

30-16-18C

This form shall be filed in duplicate with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within ten days after the completion of the well, regardless of how the well was completed.

Attach separate letter of request if the information is to be held confidential. If confidential, only file one copy. Information on side one will be of public record and side two will then be held confidential.

Circle one: Oil, Gas, Dry, SWD, OWWO, Injection. Type and complete ALL sections.

Applications must be filed for dual completion, commingling, SWD and injection, T.A.

Attach wireline logs (i.e. electrical log, sonic log, gamma ray neutron log, etc.).

KCC # (316) 263-3238. (Rules 82-2-105 & 82-2-125)

OPERATOR Glacier Petroleum Co., Inc

API NO. 59-22,153

ADDRESS 825 Commercial

COUNTY Franklin

Emporia, Kans. 66801

FIELD Pamona

**CONTACT PERSON J.C. Hawes

PROD. FORMATION Bartlesville

PHONE 316-342-1148

LEASE Huddelson

PURCHASER Franklin Pipeline Cities Service Gas Co.

WELL NO. 4 2,840 FSL 2970 FGL

ADDRESS 7755 Fay Ave. Suite H P.O. Box 25128

WELL LOCATION SE SE SW NW - town to drill

La Jolla, Ca. 92037 Okla. City Okla. 73125

DRILLING Glacier Drilling Co.

990 Ft. from East Line and

CONTRACTOR ADDRESS 825 Commercial

330 Ft. from South Line of

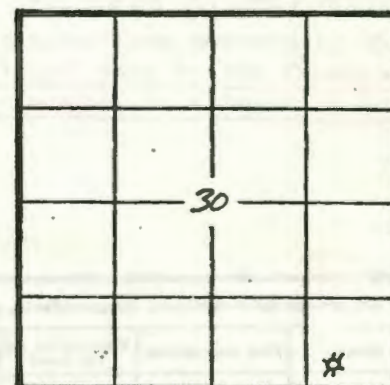
Emporia, Kansas 66801

the SE 1/4 SEC. 30 TWP. 16S RGE. 18E

PLUGGING N/A

WELL PLAT

CONTRACTOR ADDRESS



KCC
KGS ☒
(Office Use)

TOTAL DEPTH 1250 PBTD 1247

SPUD DATE 10-13-81 DATE COMPLETED 5-4-82

ELEV: GR 1044 DF — KB —

DRILLED WITH (CABLE) (ROTARY) (AIR) TOOLS

Amount of surface pipe set and cemented 279' DV Tool Used? —

AFFIDAVIT

STATE OF Kansas, COUNTY OF Sedgwick SS, I, Charles M. Kuhl

OF LAWFUL AGE, BEING FIRST DULY SWORN UPON HIS OATH,

DEPOSES THAT HE IS Agent (FOR ~~HE~~) Glacier Petroleum Co.

OPERATOR OF THE Huddelson LEASE, AND IS DULY AUTHORIZED TO MAKE

THIS AFFIDAVIT FOR AND ON THE BEHALF OF SAID OPERATOR, THAT WELL NO. 4 ON

SAID LEASE HAS BEEN COMPLETED AS OF THE 4 DAY OF 5, 1982, AND THAT

WELL LOG

Show all important zones of permeability and contents thereof; cased 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		Datum	
Lansing	291		+753	
BKC	674		+370	
Cherokee	944		+100	
Bartlesville Sand	1156		-112	
RTD	1250		-206	
No tests				

Date of first production 5-4-82		Producing method (flowing, pumping, gas lift, etc.)		Gravity	
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio	
	bbls.	100	MCF	%	bbls.
Disposition of gas (vented, used on lease or sold) Waiting on Pipeline				Perforations 1157-63	

Report of all strings set—surface, intermediate, production, etc. CASING RECORD (New) or (Used)							
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 Pipe	9 1/4"	7"	—	279'	Common		Cement circulated to surface
production	6 1/4"	4 1/2"	9 1/2	1247'	Common	100	

LINER RECORD			PERFORATION RECORD		
Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			One	1/2 Set	1157-63
TUBING RECORD					
Size	Setting depth	Packer set at			

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD	
Amount and kind of material used	Depth interval treated