

KANSAS

WELL COMPLETION REPORT AND
DRILLER'S LOGAPI No. 15 — 077 — 20,608
County Number

Operator

Phillips Petroleum Company

Address

Box 287, Great Bend, Kansas 67530

Well No.

4

Lease Name

Schultz "B"

Footage Location

330 feet from (X) (S) line 1320 feet from (X) (W) line

Principal Contractor

Slawson Drilling Co.

Geologist

Heather Collins

Spud Date

8-27-80

Date Completed

10-21-80

Total Depth

4740'

P.B.T.D.

3806'

Directional Deviation

Oil and/or Gas Purchaser

State Geological Survey
WICHITA, BRANCH

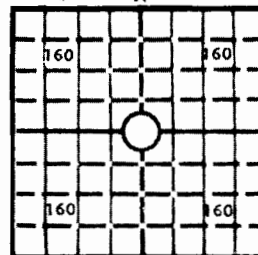
S. 18 T. 31 R. 6 W

Loc. C S/2 S/2 SW/4

County Harper Co.

640 Acres

N



Locate well correctly

Elev.: Gr.

1478'

DF KB 1483'

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 1/4"	8 5/8"	24#	331'	50-50 Pozmix	250	2% gel, 3% CC 1/4# Flocele/Sk
Production	7 7/8"	5 1/2"	15.5#	4737'	50-50 Pozmix	355	18% salt, 3/4 of 1% CFR-2

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2 HPF	4" Jumbo Jet	4681-84'
TUBING RECORD			2 HPF	4" Goldenjet	4308-13'
Size	Setting depth	Packer set at			
			2 HPF	4" Goldenjet	3923-28'
					3879-82'

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
500 gal gaswell acid (CIPB @ 4386')	4681-84'
500 gal 15% acid (squeezed w/75 sx cmt.)	4308-13'
	3923-28'
2000 gal Dowell XW-35 (squeezed perfs. w/75 sx cmt.)	3879-82'

INITIAL PRODUCTION

Date of first production -----		Producing method (flowing, pumping, gas lift, etc.) Well S.I. - Incapable of Producing - Held for decision to P & A.			
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 Phillips Petroleum Company		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Well No. 4	Lease Name Schultz "B"	Dry hole
S <u>18</u> T <u>31</u> R <u>6</u> ^X _W		Harper County, Kansas

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
Surface	0'	332'		
Shale	332'	1276'		
Shale	1276'	2022'	Top.-Howard	2646'
Shale	2022'	2694'	Top.-Topeka	2790'
Shale & lime	2694'	3351'	Top.-Heebner	3208'
Shale & lime	3351'	3946'	Top.-LKC	3736'
Lime & Shale	3946'	4224'	Base-LKC	3954'
Lime & Shale	4224'	4612'	Top.-Marmaton	3999'
	4612'	4688'	Top.-Cher. Sand	4151'
	4688'	4740'	Top.-Miss.	4308'
			Top.-Simpson	4682'
Total Depth	4740'			

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

Date Received	<i>C. S. Doherty</i> Signature District Superintendent Title October 23, 1980 Date
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18-31-6W^{Final}
pl

★
State Geological Survey
WICHITA BRANCH

DRILLERS LOG

OPERATOR: Phillips Petroleum Company
P. O. Box 287
Great Bend, Kansas 67530

WELL NAME: Schultz 'B' #4
S/2 S/2 SW/4 Sec. 18-31S-6W
Harper County, Kansas

CONTRACTOR: Slawson Drilling Company, Inc.
200 Douglas Building
Wichita, Kansas 67202

COMMENCED: 8/27/80

COMPLETED: 9/7/80

SURFACE CASING: 8-5/8" set at 330' with 250 sx

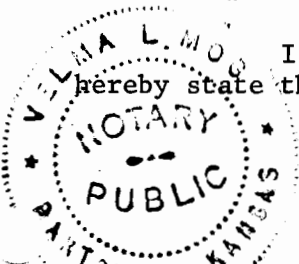
PRODUCTION CASING: 5-1/2" set at 4736' with 355 sx cement

0' to 76' Red Bed
76' to 332' 12 1/4" Surface Hole
332' to 2694' Shale
2694' to 2882' Lm & Shale
2882' to 3946' Shale & Lime
3946' to 4147' Lime & Shale
4147' to 4224' Shale & Lime
4224' to 4612' Lime & Shale
4612' to 4679' Lime
4679' to 4688' Lime - Sand
4688' to 4735' Sand -Simpson
4735' to 4740' Simpson
RTD 4740'

STATE OF KANSAS

COUNTY OF Barton

I, C. D. Dohrer of the Phillips Petroleum Company
hereby state the above is an accurate copy of the Schultz 'B' #4 logs



Subscribed and sworn to me this
16 day of September, 1980

Velma L. Moore
Notary

My commissions expires: February 15, 1984

RECEIVED
STATE CORPORATION COMMISSION
SEP 17 1980
CONSERVATION DIVISION
Wichita, Kansas

C D Dohrer

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: license # 5229
name Phillips Petroleum Company
address Route #3, Box 20-A
Great Bend, Kansas 67530
City/State/Zip

Operator Contact Person S. J. Reynolds
Phone 316-793-8421

Contractor: license # 5657
name Slawson Drilling Company

Wellsite Geologist
Phone

PURCHASER NA

Designate Type of Completion

☐ New Well ☐ Re-Entry ☐ Workover

☐ Oil ☐ SWD ☐ Temp Abd
☐ Gas ☐ Inj ☐ Delayed Comp.
☒ Dry ☐ Other (Core, Water Supply etc.)

If **OWWO**: old well info as follows:

Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method: ☒ Mud Rotary ☐ Air Rotary ☐ Cable
8-28-80 10-21-80 APPLIED FOR
Spud Date Date Reached TD SWD
4740' 3806' Completion Date
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 330 feet

Multiple Stage Cementing Collar Used? ☐ Yes ☐ No

If Yes, Show Depth Set feet

If alternate 2 completion, cement circulated
from feet depth to w/ SX cmt

API NO. 15 - 077-20608

County Harper
50' NW of C
S/2 S/2 SE Sec 18 Twp 31S Rge 6 West

365 from south line
3995 Ft West from
(Note: locate well in section plat below)

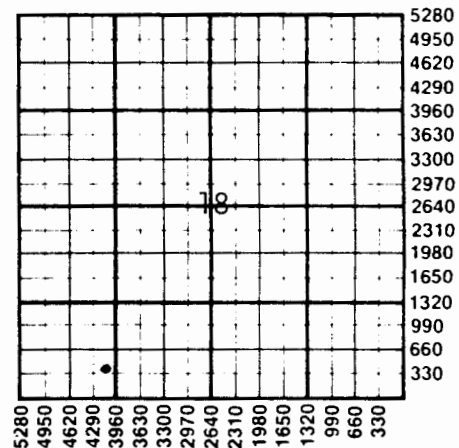
Lease Name Schultz "B" Well# 4

Field Name Goheen

Producing Formation NA

Elevation: Ground 1478' KB 1484'

Section Plat



WATER SUPPLY INFORMATION

Source of Water:

Division of Water Resources Permit #

☐ Groundwater. Ft North From Southeast Corner and
(Well) Ft. West From Southeast Corner of
Sec Twp Rge ☐ East ☐ West

☐ Surface Water. Ft North From Southeast Corner and
(Stream, Pond etc.). Ft West From Southeast Corner
Sec Twp Rge ☐ East ☐ West

☐ Other (explain)
(purchased from city, R.W.D.#)

Disposition of Produced Water: ☐ Disposal
☐ Repressuring

Docket #

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rules 82-3-130 and 82-3-107 apply.

Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months.

One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with

SIDE TWO
Goheen SWD

Operator Name Phillips Petroleum Co. Lease Name System Well# D-04 SEC 18 TWP 31S RGE 6 ☐ East ☒ West

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken

Samples Sent to Geological Survey

Cores Taken

☒ Yes

☒ Yes

☐ Yes

☐ No

☐ No

☒ No

KE KCL

Formation Description

☐ Log

☐ Sample

Name

Top

Bottom

Howard	2646'
Topeka	2790'
Heebner	3208'
LKC	3736'
BKC	3954'
Marmaton	3999'
Cherokee Sand	4151'
Mississippi	4308'
Simpson	4682'

DST #1 (4682'-88') 30-60-60-60

IHP 2393 IFP 300-1219

ISIP 1581 FFP 1219-1520

FSIP 1581 FHP 2363

60' gas 124' mud 3094" SW

CASING RECORD

☐ new

☐ used

Report all strings set - conductor, surface, intermediate, production, etc.

Purpose of string	size hole drilled	size casing set (in O.D.)	weight lbs/ft.	setting depth	type of cement	# sacks used	type and percent additives
Surface	12 1/4	8 5/8	24	330	50/50 Poz.	250	2% gel 3% CaCl
Production	7 7/8	5 1/2	15 1/2	4737'	50/50 Poz.	355	1/4#/sk Flocele 18% salt 3/4% CFR-2

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record

shots per foot	specify footage of each interval perforated	(amount and kind of material used)	Depth
2	4681'-84' 4" Jumbo jet	500 gal Gaswell Acid CIBP @ 4386'	4681-84'
2	4308'-13' 4" Golden jet	500 gal 15% HCl Sq. w/75 sx cement	4308-13'
2	3823'-28' & 3879'-82' 4" Golden jet	2000 gal Dowell XW-35 Sq. w/75 sx cement	3923-28' 3879-82'