

9/19/84 KC

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 # 5721 name Glacier Petroleum Company, Inc. address P.O. Box 577 City/State/Zip Emporia, Kansas 66801

Operator Contact Person J. C. Hawes Phone 316-342-1148

Contractor: license # 5825 name Glacier Drilling Company, Inc

Wellsite Geologist Chuck Kuhl Phone 316-262-5429

Designate Type of Completion

[X] New Well [] Re-Entry [] Workover

[X] 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: [X] Mud Rotary [] Air Rotary [] Cable

7-07-84 7-19-84 9/19/84 Spud Date Date Reached TD Completion Date 4,340' 4,250' Total Depth PBSD

Amount of Surface Pipe Set and Cemented at 210' feet

Multiple Stage Cementing Collar Used? [] Yes [X] No

If Yes, Show Depth Set feet

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

API NO. 15 - 077-21,004 - 0000 County Harper NW SE (location) Sec 2 Twp 31S Rge 6 1980 Ft North from Southeast Corner of Section 1980 Ft West from Southeast Corner of Section (Note: locate well in section plat below)

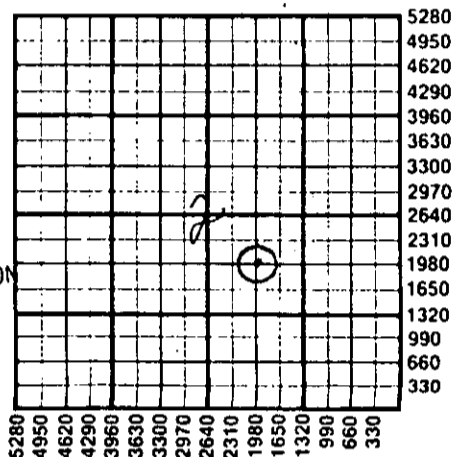
Lease Name Stevens Well# 1

Field Name N/A

Producing Formation Miss

Elevation: Ground 1,389' KB

Section Plat



RECEIVED STATE CORPORATION COMMISSION OCT 09 1984 10-9-84 CONSERVATION DIVISION Wichita, Kansas

WATER SUPPLY INFORMATION

Source of Water: Division of Water Resources Permit # [] Groundwater (Well) [] Surface Water (Stream, Pond etc.) [X] Other (explain) Purchased from Harper, Kansas (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 all temporarily abandoned wells.

All requirements of the statutes, rules, and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature [Signature] Title Vice-President Date 10/5/84

Subscribed and sworn to before me this 5th day of October 19 84

Notary Public Ethel M. Grimwood Date Commission Expires



K.C.C. OFFICE USE ONLY [X] Letter of Confidentiality Attached [] Wireline Log Received [] Drillers Timelog Received Distribution [] KCC [X] KGS [] SWD/Rep [] Plug [] NGPA [] Other (Specify)

Operator Name Glacier Petroleum Co. Lease Name Stevens Well# 1 SEC. 2 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 Yes No
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

DST #1 4198' -4220'
 open 45 closed 45 open 30 closed 60

Flow Pressures: 110-110#
 120-120#
 Shut in pressures: 1605. - 1605#

Hydrostatic Pressures: 2185 - 2185#

Gas to surface in 5 minutes, stabilized at 75.1 MCFPD

Recovered: 30' drill mud slightly gas cut to slight show of oil

120' oil & gas cut mud, 30% oil

120' gas cut "froggy" oil, 50% oil

Name	Top	Bottom
Top soil	0	4
Lime	4	13
Shale w/lime	13	36
Sandy shale	36	544
Shale	544	909
Shale w/lime	909	1056
Lime	1056	1101
Lime w/shale	1101	1440
Shale w/lime	1440	1479
Lime/shale	1479	1515
Shale	1515	1861
Lime w/shale streaks	1861	1947
Lime	1947	1993
Shale & lime	1993	3021
Heebner	3021	3028
Shale	3028	3084
Douglas Shale	3084	3308
Stalnaker	3308	3431
Lime & shale	3431	3584
Kansas City	3584	3702
Shale & lime	3702	4201
Mississippi Chat	4201	4340

RELEASED

JAN 17 1986

FROM CONFIDENTIAL

CASING RECORD <input checked="" type="checkbox"/> new <input type="checkbox"/> 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#	210'	Common	150	3% cc, 1/4 flo seal
Production	7-7/8"	4-1/2"	10.5#	4334'	Common	150	2% gel

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
shots per foot	specify footage of each interval perforated	(amount and kind of material used)	Depth
9	4266 to 4270	9 shots 4210 to 4214	4214
6	4266 to 4267	250 gal. 15% NE feed @ 1100# @ 10 gpm	
3	4252 to 4254	250 gal. 15% NE feed @ 200# @ 10 gpm	
5	4243 to 4247	250 gal. 15% NE on bottom, loaded hole, no pressure	
6	4235 to 4240	250 gal. 15% NE @ 1000# @ 10 gpm	
13	4210 to 4216		

TUBING RECORD		Liner Run	
size	set at	packer at	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2 3/8"		4202'	

Date of First Production	Producing method				
9/19/84	<input type="checkbox"/> flowing	<input checked="" type="checkbox"/> pumping	<input type="checkbox"/> gas lift	<input type="checkbox"/> Other (explain)	

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	40 Bbls	10 MCF	3 Bbls		28.5

Disposition of gas: vented
 sold
 used on lease

METHOD OF COMPLETION
 open hole perforation
 other (specify)

PRODUCTION INTERVAL

Dually Completed
 Commingled