

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 # 8279
name C. & W Oil
address c/a Cliff Werth
2400 Virginia Drive
City/State/Zip Hays, Kansas 67601

Operator Contact Person Cliff Werth
Phone 913-628-1171
KC-KCC

Contractor: license # 5665
name Pioneer Drilling Company, Inc.

Wellsite Geologist Jerry Green
Phone KC-KCC

PURCHASER

Designate Type of Completion

- New Well
- Re-Entry
- Workover
- Oil
- Gas
- Dry
- SWD
- Inj
- Other (Core, Water Supply etc.)
- Temp Abd
- Delayed Comp.

If OWWO: old well info as follows:

Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method: Mud Rotary Air Rotary Cable
8-03-84 ... 8-11-84 ... 8-11-84
Spud Date Date Reached TD Completion Date

3651'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 8.5/8" @ 1223.16' 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. 15-165-21240-0000

County Rush
..... Sec 7 Twp 16S Rge 18 East
..... West

(location)
4290' 990' Ft North from Southeast Corner of Section
1650' 990' Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

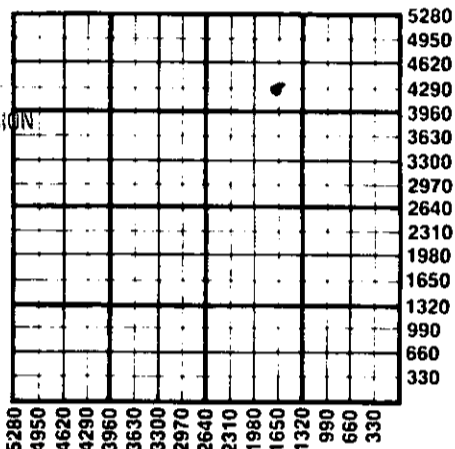
Lease Name Leglieter Well# 2

Field Name

Producing Formation

Elevation: Ground 2047' KB 2052'

Section Plat



RECEIVED
STATE CORPORATION COMMISSION
OCT 01 1984

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 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.

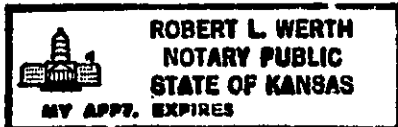
Signature Clifford J. Werth

Title Operator Date 9-28-84

Subscribed and sworn to before me this 28th day of SEPTEMBER 19 84

Notary Public [Signature]

Date Commission Expires 9-13-85



K.C.C. OFFICE USE ONLY

F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received

Distribution

KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)

Sec. 7 Twp 16 Rge 18 W

Operator Name C & W Oil Lease Name Leglieter Well# 2 SEC. 7 TWP. 16S RGE. 18 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

Name	Top	Bottom
sand and shale	0'	65'
sand and shale	65'	900'
sand and shale	900'	1213'
anhydrite	1213'	1227'
shale and sand	1227'	1258'
shale and sand	1258'	1810'
shale	1810'	2140'
shale	2140'	2266'
lime and shale	2266'	2329'
lime and shale	2329'	2535'
shale and lime	2535'	2770'
lime and shale	2770'	2971'
lime and shale	2971'	3108'
lime and shale	3108'	3230'
lime and shale	3230'	3245'
lime and shale	3245'	3360'
lime and shale	3360'	3418'
lime and shale	3418'	3435'
lime and shale	3435'	3515'
lime and shale	3515'	3542'
lime and shale	3542'	3570'
lime and shale	3570'	3641'
lime and shale	3641'	3651'
		R.T.D.

Formation Name	Elevation	Top	Bottom
Anhydrite	2047 G.L.	2052 K.B.	
name			
anhydrite	1213		
Sopka	3024		
Heebner	3296		
Toronto	3316		
Lansing-K.C.	3343		
Lansing-K.C. Base	3584		
Conglomerate sand	3629		
R.T.D.	3651		

DST #1 3224-3245 60-45/30/45
 1st open FTP 46-116 SIP 1043
 2nd open FTP 163-187 SIP 1031
 Blow 1st opening string off bottom of bucket 24 min.
 2nd opening air building to 6" in bucket.
 Recovery 402 salt water

DST #2 3356-3418 35-30-30-30
 1st open FTP 58-58 SIP 221
 2nd open FTP 70-70 SIP 175
 Blow 1st opening weak Blow
 2nd opening No Blow
 Recovery 20 feet mud

DST #3 3468-3542 30-30-30-30
 1st open FTP 58-58 SIP 303
 2nd open FTP 70-70 SIP 163
 Blow 1st opening weak Blow Dead 14 min
 2nd opening No Blow
 Recovery 20 feet mud

DST #4 3561-3641 60-45-30-45
 1st open FTP 58-70 SIP 571
 2nd open FTP 81-81 SIP 420
 Blow 1st opening weak Blow 2" bucket
 2nd opening No Blow
 Recovery 82 feet M.W.

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 Casing	12.1/4"	8.5/8"	24#	1223.16'	60-40pos common	250 200	2%gel 3%cc
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
shots per foot	specify footage of each interval perforated			(amount and kind of material used)			Depth
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
size	set at	packer at					
Date of First Production	Producing method <input type="checkbox"/> flowing <input 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		
	Bbbs	MCF	Bbbs	CFPB			

Disposition of gas: vented sold used on lease

METHOD OF COMPLETION open hole perforation other (specify)

PRODUCTION INTERVAL

Daily Completed
 Commingled

STATE OF KANSAS
 DEPARTMENT OF REVENUE
 OIL AND GAS DIVISION