

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 # 9346
name Glenn D. Diehl
address 1811 East 24th St.
City/State/Zip Hays, KS 67601

Operator Contact Person Glenn D. Diehl
Phone (913) 625-7106

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

Wellsite Geologist Glenn D. Diehl
Phone (913) 625-7106
PURCHASER Clear Creek

Designate Type of Completion

XX New Well

Re-Entry

Workover

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

If NO: old well info as follows:

Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method: ☒ Mud Rotary ☐ Air Rotary ☐ Cable

7-23-84 7-31-84 8-20-84
Spud Date Date Reached TD Completion Date

3853'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 8-5/8" @ 258' feet

Multiple Stage Cementing Collar Used? ☒ Yes ☐ No

If Yes, Show Depth Set 1638' feet

If alternate 2 completion, cement circulated
from 1638 feet depth to surface w/ 400 SX cmt

API NO. 15-051-23,961

County Ellis

SW NE NE Sec 32 Twp 12s Rge 20 East
(location) West

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

Lease Name Shubert Well# 1

Field Name Ellis

Producing Formation Arbuckle

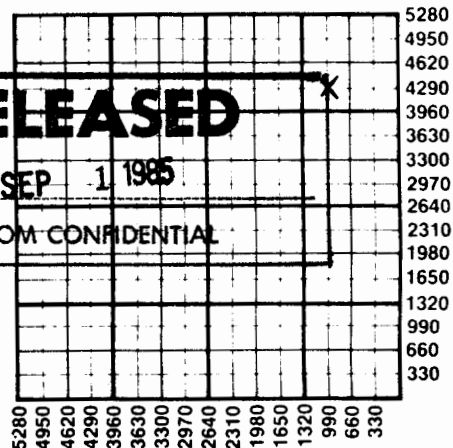
Elevation: Ground 2158 KB 2163

Section Plat

RELEASED

Date: SEP 1 1985

FROM CONFIDENTIAL



WATER SUPPLY INFORMATION

Source of Water:

Division of Water Resources Permit # T-84-457

☒ Groundwater. Ft North From Southeast Corner and
(Well) Ft. West From Southeast Corner of

Sec 10 Twp 13 Rge 20 ☐ East ☒ West
Well in SW/4, exact location unknown.

☐ 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

CD-28252 (C-20,641)

TUBING RECORD size 2 set at 3849 packer at

Liner Run ☐ Yes ☐ No

Date of First Production 7-22-84

Producing method

☐ flowing ☒ pumping ☐ gas lift ☐ Other (explain)

Estimated Production Per 24 Hours

Oil

Gas

Water

Gas-Oil Ratio

Gravity

35

Bbls

MCF

2

Bbls

CFPB

29.6

SIDE TWO

173175

Operator Name Glenn D. Diehl Lease Name Shubert Well# 1 SEC 32 TWP 12 RGE 20 ☐ East ☒ WestDisposition of gas: ☐ vented☐ sold☐ used on lease

METHOD OF COMPLETION

☒ Open hole ☒ perforation☐ other (specify)

PRODUCTION INTERVAL

3828-3831

3842-3853 Open hole

☐ Dually Completed.☐ Commingled

Drill Stem Tests Taken

Samples Sent to Geological Survey

Cores Taken

☒ Yes☐ No☒ Yes☐ No☐ Yes☒ No

Formation Description

☒ Log☐ Sample

	Name	Top	Bottom
DST #1 3770-3796 (Marmaton)/30-60-30-60, Rec. 345' Muddy salt water, FP 29-108/118-157, SIP 778-640, HH 2006-1985, Temp 108°F	Anhydrite	1519 + 644	
	Base Anhy.		1565 + 598
DST #2 3824-3842 (Arbuckle)/30-60-60-60, Rec 184' heavy oil cut mud (55% oil, 15% gas, 30% mud), FP 29-42/51-78, SIP 907-828, HH 2008-1986, Temp 107°F	Topeka	3203 -1040	
	Heebner	3430 -1267	
	Toronto	3450 -1287	
	Lansing	3466 -1303	
	Base K.C.		3711 -1548
DST #3 3842-3853 (Arbuckle)/30-60-30-60, Rec 300 gas in pipe, 660' gassy oil, FP 59-147/195-236, SIP 1106-1096, HH 2076-2046, Temp NA	Marmaton	3766 -1603	
	Arbuckle	3823 -1660	
	LTD	3849 -1686	
	RTD	3853 -1690	

08-06-84 Drilled DV tool, incert, and shoe to TD of 3835'. Ran bond and correlation log.

08-07-84 Swab well dry. Spot 250 gal MSR 15% NE acid, 25 bbls salt water on top. Perf 3828-31 4 per/ft. Load hole to max press. 1000#-1 3/4 bbls in formation, would not take any more, shut in overnight.

08-08-84 Check fluid level, fluid at surface. Swab well down, show of oil, 30" tests, 10' of oil.

08-15-84 Ran bailer, 150' gassy oil, drilled 4' of cement.

08-16-84 Drilled packer shoe. Cleaned open hole and bailed mud all day. 550' oil in hole.

08-17-84 ONFU 1600' gassy oil. Cleaned out open hole. Swab well down to 500' off bottom. 30" swab tests. Swab avg. 6 bbl oil per hour. Ran bailer, 50' of mud. Bail hole clean.

08-18-84 ONFU 1750' oil. Bottom was clean. Swab well down to 500' off bottom. 30 min. tests, avg 5 bbl per hour. Ran bailer to bottom, hole clean.

08-20-84 Fluid level at 2,500', 50' water, rest oil. Ran tubing and rods.

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 1/2"	8-5/8"	20#	258'	60-40 Poz	170	2% gel, 3% cc
Production	7-7/8"	5 1/2"	14#	3842'	self-stress	125	

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record

shots per foot	specify footage of each interval perforated	(amount and kind of material used)	Depth
4	3828-3831	250 gal 15%	
	3842-3853 open hole	natural	