

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 #9232
Name Timberline Oil & Gas Corporation
Address 105 E. 8th Street
City/State/Zip Pratt, Kansas 67124

Purchaser Permian

Operator Contact Person Brant Grote or Roy Knappe, Jr.
Phone (316) 672-9476

Contractor: License # 5138
Name Cougar Drilling Co., Inc.

Wellsite Geologist
Phone

- 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

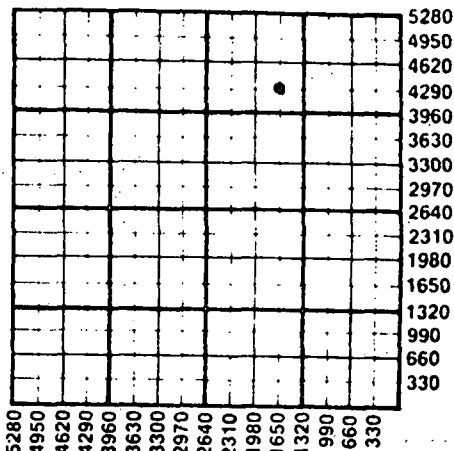
..12-2-85.. ..12-7-85.... ..12-7-85....
Spud Date Date Reached TD Completion Date

...4260'KB.4240'KB
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 309 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. 15-151-21-744-0000
County Pratt
SE NW NE Sec 28 Twp 26 Rge 12 East West
4290 Ft North from Southeast Corner of Section
1650 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name Cooper Well # 5
Field Name Iuka Carmi
Producing Formation Viola
Elevation: Ground 1911 KB 1921
Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal Repressuring
Docket #

Questions on this portion of the ACO-1 call:
Water Resources Board (913) 296-3717

Source of Water:
Division of Water Resources Permit # T-85-277

Groundwater 3660 Ft North from Southeast Corner (Well) 2380 Ft West from Southeast Corner of NE/4 Sec 28 Twp 26S Rge 12 East West

Surface Water.....Ft North from Southeast Corner (Stream, pond etc).....Ft West from Southeast Corner Sec Twp Rge East West

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

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. Rule 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 President Date 3-4-86

Subscribed and sworn to before me this 4th day of March 1986
Notary Public [Signature]
Date Commission Expires 10/18/89



K.C.C. OFFICE USE ONLY

Letter of Confidentiality Attached
 Wireline Log Received
 Drillers Time Log Received

Distribution

KCC SWD/Rep NGPA
 KGS Plug Other (Specify)

Sec 28 Twp 26 Rge 12 W

15-751-2744-0000

SIDE TWO

Operator Name Timberline Oil & Gas Corp. Lease Name Cooper Well # 5

Sec. 32 Twp. 26 Rge. 12 East West County Pratt

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

	Top	Bottom
Sand, Clay	0	225
Red Beds, Shale	225	1866
Shale, Lime	1866	4260 R.T.D.

Name	Top	Bottom
Viola	4150'	4202'

RELEASED

APR 20 1987

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#.....	.....309'.....	.....60/40Poz.....	.....250.....	.....3%CC, .2%Gel.....
.....Production.....	.....7.7/8".....	.....5.1/2".....	.....14#.....	.....4239'KB.....	.....60/40Poz.....	.....75sx.....	.....4% Gilsonite.....
						plus—ASC	50 sx
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)			
Shots Per Foot	Specify Footage of Each Interval Perforated			Depth			
.....2.....	.....4152'-82'.....			.....500.15% HCl.....			
				.....20,000 # 20/40 sand.....			
				.....gelled KCl frac.....			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Size <u>2 7/8</u>		Set At <u>4194</u>		Packer at <u>—</u>			
Date of First Production		Producing Method					
<u>12/23/85</u>		<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	
.....		<u>57</u> Bbls	<u>40</u> MCF	<u>0</u> Bbls	<u>702</u> CFPB	<u>44°</u>	

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Sold Used on Lease
 Open Hole Perforation Other (Specify).....
 Dually Completed Commingled

4152'-82'

