

NEW ACO-1 FORM

SIDE ONE

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 Corp.  
address 105 E. 8th  
City State Zip Pratt, Kansas 67124

Operator Contact Person Brant Grote  
Phone (316) 672-9476

Contractor: license # 5138  
name Cougar Drilling Co., Inc.

Wellsite Geologist  
Phone  
PURCHASER Inland Purchasing

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

6/26/86 7/2/86 7/16/86  
Spud Date Date Reached TD Completion Date  
6-26-86 7-2-86  
4245 4225  
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 308 feet

Multiple Stage Cementing Collar Used?  Yes  No

If Yes, Show Depth Set feet

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

API NO. 15 151,21797-0000

County Pratt

200W SE NE NE Sec 28 Twp 26 Rge 12 W

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

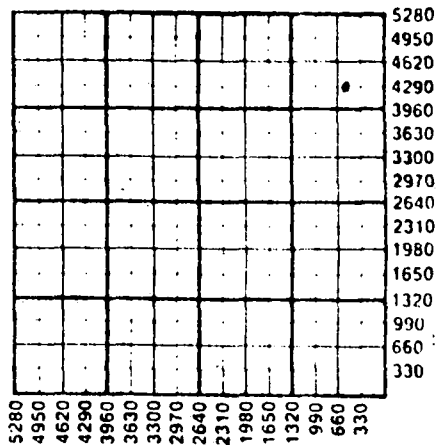
Lease Name Cooper Well# 9

Field Name Iuka Carmi

Producing Formation Viola

Elevation: Ground 1909 KB 1919

Section Plat



WATER SUPPLY INFORMATION

Source of Water:

Division of Water Resources Permit # T 86-189

Groundwater 4950 Ft North From Southeast Corner and  
990 Ft West From Southeast Corner of  
Sec 28 Twp 26S Rge 12 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 Brant Grote  
Title President

Date 7/25/86

Subscribed and sworn to before me this 25th day of July 19 86

Notary Public Janice M. McCune  
Date Commission Expires 10/18/89

JANICE M. McCUNE  
NOTARY PUBLIC  
STATE OF KANSAS  
MY APPT. 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)

Form ACO-1 (7-84)

7-28-86

NO. 28110.01.0000.1000

15-151-21797-0000

SIDE TWO

APPROVED  
STATE GEOLOGICAL  
SURVEY

Operator Name Timberline Oil & Gas Lease Name Cooper Well# 9 SEC 28 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

Name	Top	Bottom
Soil, Sand and Gravel	-0-	308
Red Beds	308	737
Anhydrite	737	759
Red Beds and Shale	759	1645
Shale and Lime	1645	2965
Lime and Shale	2965	3170
Shale and Lime	3170	3635
Lime and Shale	3635	3985
Shale and Lime	3985	4125
Lime, Chert, Shale	4125	4255 RTD

RELEASED

APR 17 1997

FROM CONFIDENTIAL

CASING RECORD <input 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 Production	12 1/4 7 7/8	8 5/8 5 1/2"	23# 14#	306' 4254'	60/40 Poz 60/40 Poz	210 sx 100 sx	2% gel 3% C.C. 5% Gilsonite
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	4179-94', 4164-79'			Acidize w/750 gal. 15% HCL-NE and 103 bbl. flush			4164-94'
				Fracture w/25,000# 20-40 sand and 5,000# 10-20 sand			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production		Producing method					
7/18/86		<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		
	50 Bbls	50 MCF	0 Bbls	1000 CFPB	42°		

Disposition of gas:  vented  sold  used on lease

METHOD OF COMPLETION  
 open hole  perforation  other (specify)

PRODUCTION INTERVAL  
 4164'-94'

Dually Completed  
 commingled