

NEW ACO-1 FORM

SIDE ONE

TWB-KCC

21782-0000

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 Street City State Zip Pratt, KS 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 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 into as follows: Operator Well Name Comp. Date Old Total Depth

WELL HISTORY

Drilling Method: X Mud Rotary Air Rotary Cable 4-10-86 4-16-86 4-25-86 Spud Date Date Reached TD Completion Date 4250' KB 4208 Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 322.43 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 15-151-21,780 County Pratt 100' East of NW NE Sec 28 Twp 26 Rge 12 NW (location) 4950 2210 Ft North from Southeast Corner of Section 11 West from Southeast Corner of Section (Note: locate well in section plat below)

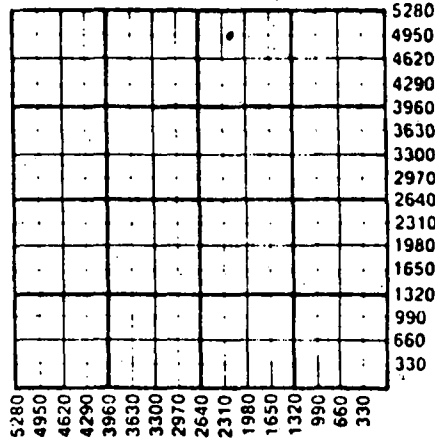
Lease Name Cooper Well # 6

Field Name Auka Carmi

Producing Formation Viola

Elevation: Ground 1911 KB 1921

Section Plat



WATER SUPPLY INFORMATION

Source of Water: Division of Water Resources Permit # T 86-184 X Groundwater 3630 Ft North From Southeast Corner and (Well) 990 Ft West From Southeast Corner of Sec 28 Twp 26S Rge 12 East X 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: X 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 7/23/86

Subscribed and sworn to before me this 23rd 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 Timelog Received Distribution KCC KGS SWD/Rep RECEIVED NGRA Other STATE CORPORATION COMMISSION (Specify) CONS. DIV. WICHITA, KS

Form ACO-1 (7-84) 7-25-86 JUL 25 1986

2810-26 Re 1200

15-151-21782-00-00

SIDE TWO

Operator Name Timberline Oil & Gas Lease Name Cooper Well# 6 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
Sand, Clay	-0-	215
Red Beds	215	340
Red Beds, Shale	340	480
Red Beds	480	718
Anhydrite	718	736
Red Beds, Shale	736	1385
Shale, Lime	1385	4110
Lime, Shale	4110	4250 R

RELEASED

AUG 13 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"	23#	334' KB	60/40 POZ	225	2% gel, 3% CC
Production	7 7/8"	5 1/2"	15.5#	4242' KB	60/40 POZ thinner,	75	20 Bbl. mud
						50 sx ASC	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	4141-76			750 gal 15% HCl acid Fracture w/20,000 # sand and gelled cross-linked KCL			4141-76
TUBING RECORD				Liner Run			
size 2 7/8" set at		packer at		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production	Producing method <input type="checkbox"/> flowing <input checked="" type="checkbox"/> pumping <input type="checkbox"/> gas lift <input type="checkbox"/> Other (explain)						
4/25/86							
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity		
	25 Bbls	25 MCF	75 Bbls	1000 CFPB	42°		

Disposition of gas: vented
 sold
 used on lease

METHOD OF COMPLETION
 open hole perforation
 other (specify)
 Dually Completed.
 Commingled

PRODUCTION INTERVAL

4141-76