

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 Corporation
address 105 E 8th
Pratt, Kansas 67124
City-State-Zip

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 SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply, etc.)

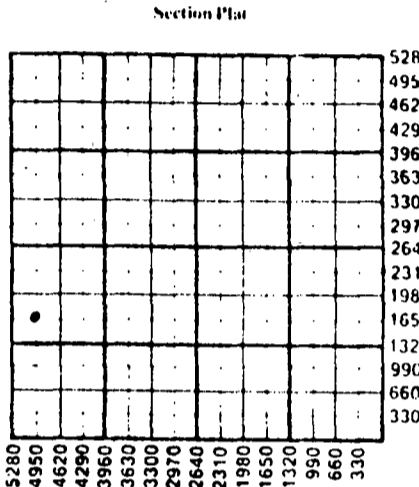
If OWWO: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method: Mud Rotary Air Rotary Cable
7-5-86 7-11-86 7/21/86
Spud Date Date Reached TD Completion Date
4275' 4225' /
Total Depth PBTD
Amount of Surface Pipe Set and Cemented at 307' 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. 15-151-21,794-0000
County Pratt
SW NW SW Sec 27 Twp 26 Rge 12W
1650 Ft North from Southeast Corner of Section
4950 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

Lease Name Knop A Well # 3
Field Name LUKA-CARMI
Producing Formation Mississippi
Elevation: Ground 1905 KB 1915



WATER SUPPLY INFORMATION
Source of Water:
Division of Water Resources Permit # T 86-230
 Groundwater 2310 Ft North From Southeast Corner and
 330 Ft. West From Southeast Corner of
 Sec 20 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

Hand in Stone 12W

15-151-21794-0000

SIDE TWO

Operator Name Timberline Oil & Gas Lease Name Knop "A" Well# 3 SEC. 21 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
Samples Sent to Geological Survey
Cores Taken

Yes No
 Yes No
 Yes No

Formation Description
 Log Sample

Name	Top	Bottom
Sand, Clay	-0-	210
Red Beds	210	715
Anhydrite	715	730
Red Beds, Shale	730	1418
Shale, Lime	1418	3905
Lime, Shale	3905	4040
Shale, Lime	4040	4275 RTD

RELEASED

AUG 13 1987

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	8 5/8	23#	307"	60/40 Poz.	210 sx.	2% gel, 3% CC.
	7/78	5 1/2'	14#	4246	60/40 Poz.	100 sx.	5% Gilsonite 10 BBJ... Mud Flush
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	4110-34'			Acidize w/ 750 gal. 15% HCL Fracture w/25,000# 20/40 sand and 5,000# 10/20 sand			4110-34'
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
size 2 7/8" set at 4185'		packer at					
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)						
7/23/86							
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity		
	55 Bbls	50 MCF	0 Bbls	909 CFPB	40°		

Disposition of gas: vented
 sold
 used on lease

METHOD OF COMPLETION
 open hole perforation
 other (specify)

Dually Completed.
 Commingled

PRODUCTION INTERVAL

4110-34'