

TYPE

AFFIDAVIT OF COMPLETION FORM

ACO-1 WELL HISTORY

Compt. _____

SIDE ONE

(Rules 82-3-130 and 82-3-107)

DOCKET NO. NP 98313

This form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within ninety (90) days after the completion of a well, regardless of how the well was completed.

FOR INFORMATION REGARDING THE NUMBER OF COPIES TO BE FILED AND APPLICATIONS REQUIRING COPIES OF ACO-1 FORMS SEE PAGE TWO (2), SIDE TWO (2) OF THIS FORM.

F _____ Letter requesting confidentiality attached.

C _____ Attach ONE COPY of EACH wireline log run (i.e. electrical log, sonic log, gamma ray neutron log etc.)***Check here if NO logs were run x. (Recompletion)

PLEASE FILL IN ALL INFORMATION. IF NOT AVAILABLE, INDICATE. IF INFORMATION LATER BECOMES AVAILABLE, SUBMIT BY LETTER.

LICENSE # 7378 EXPIRATION DATE 6-84
OPERATOR Wainoco Oil & Gas Company API NO. 15-025-20184-00-01
ADDRESS 1200 Smith, Suite 1500 COUNTY Clark
Houston, Texas 77002-4367 FIELD Snake Creek

** CONTACT PERSON Pat Budro PROD. FORMATION Toronto
PHONE 713/658-9900 X Indicate if new pay.

PURCHASER UPG Inc. LEASE N.C. Harper etal
ADDRESS 2223 Dodge St. WELL NO. 1
Omaha, Nebraska 68102 WELL LOCATION Center SE/4

DRILLING Recompletion; no drilling 1320 Ft. from south Line and
CONTRACTOR contractor 1320 Ft. from east Line of the SE (Qtr.) SEC 29 TWP 34 SRGE 21 (W).
ADDRESS _____

PLUGGING N/A
CONTRACTOR _____
ADDRESS _____

WELL PLAT (Office Use Only)
KCC
KGS
SWD/REP _____
PLG. _____
NGPA _____

		29	
			X

TOTAL DEPTH 5600' PBDT 5462'
SPUD DATE 12-8-77 DATE COMPLETED 8-15-83
ELEV: GR 1802' DF _____ KB _____

DRILLED WITH (CABLE) (ROTARY) (AIR) TOOLS. N/A
DOCKET NO. OF DISPOSAL OR REPRESSURING WELL BEING USED TO DISPOSE OF WATER FROM THIS LEASE N/A

Amount of surface pipe set and cemented 562'KB DV Tool Used? No

TYPE OF COMPLETION THIS AFFIDAVIT APPLIES TO: (Circle ONE) - Oil, Shut-in Gas, Gas, Dry, Disposal, Injection, Temporarily Abandoned. If OWWO, indicate type of re-completion From gas to oil. Other completion _____ . NGPA filing _____

ALL REQUIREMENTS OF THE STATUTES, RULES AND REGULATIONS PROMULGATED TO REGULATE THE OIL AND GAS INDUSTRY HAVE BEEN FULLY COMPLIED WITH.

A F F I D A V I T

Pat Budro, being of lawful age, hereby certifies that: I am the Affiant, and I am familiar with the contents of the foregoing Affidavit. The statements and allegations contained therein are true and correct.

Pat Budro
(Name)

SUBSCRIBED AND SWORN TO BEFORE ME this 2nd day of September, 19 83.

MY COMMISSION EXPIRES: 12/5/85

RECEIVED
STATE CORPORATION COMMISSION
Linda J. James
NOTARY PUBLIC
Notary Public in and for the State of Texas
SEP - 8 1983
CONSERVATION DIVISION
Wichita, Kansas

** The person who can be reached by phone regarding any questions concerning this information.

Side TWO

OPERATOR Wainoco Oil & Gas Co. LEASE NAME N.C. Harper SEC 29 TWP 34 SRGE 21 (W)

WELL NO 1

FILL IN WELL INFORMATION AS REQUIRED:

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

Show Geological markers, logs run, or other Descriptive information.

Formation description, contents, etc. Top Bottom Name Depth

<p>Check if no Drill Stem Tests Run. Check if samples sent Geological Survey.</p> <p>See attached data from original completion.</p> <p>If additional space is needed use Page 2</p>				
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Report of all strings set — surface, intermediate, production, etc. CASING RECORD (New) or (Used)

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
Surface	2-1/4"	8-5/8"	23#	562' KB	Howco Lite	350	3% CaCl ₂ , 1/4#/sk Flocele
Production	7-7/8"	4-1/2"	10.5#	5600' KB	Pozmix	250	15% salt, .75% CFR-2

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
None					
TUBING RECORD			4	0 phasing	4316-24'
Size	Setting depth	Packer set at	Ancho		
2-3/8"	432'	4284'			

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
CIBP @ 5500'	5505-5548'
CIBP @ 5462'	5472-5482'

Date of first production 8-25-83	Producing method (flowing, pumping, gas lift, etc.) Pumping	Gravity 38°
Estimated Production-I.P. 20 bbls.	Gas TSTM MCF	Water % 110 bbls.
Disposition of gas (vented, used on lease or sold) Will be sold if any produced	Gas-oil ratio 0 CFPB	4316-24' Perforations

Operator
Wainoco Oil & Gas Company

DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:

Well No.

1

Lease Name

N.C. Harper #1, et al

S 29 T34S R 21 E W

WELL LOG

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Surface	0	60		
Red Bed & Sand	60	570		
Red Bed	570	1004	Council Grove	2688'
			Heebner	4280'
Red Bed & Gypsum	1004	1479	Lansing	4506'
			Marmaton	5126'
Red Bed & Shale	1479	2123	Morrow	5430'
Shale	2123	2245	Chester	5544'
Lime & Shale	2245	2435	St. Gen.	5600'
Shale	2435	2611		
Dolomite	2611	2829		
Lime & Shale	2829	3715		
Shale	3715	4050		
Lime & Shale	4050	5600		
RFT Pressure Tests	1970#-2675#	5537		
	2016#-2655#	5529		
	165#-2653#	5521	D/L Log	564-5596'
	113#-2650#	5522	FDC/CNL Log	2300-5602'
	1210#-2641#	5508	RFT Tests	5537-5508'
RFT-Samples Rec.	1100 cc Water	5537		
	0 Gas			
	0 Oil			
	Rec. 80 cc Water	5508		
	0 Gas			
	0 Oil			

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

Date Received

James J. Goodale
Signature

Chief Geol - Mill Creek Riv
Title

Aug 28, 1977
Date