

TYPE



AFFIDAVIT OF COMPLETION FORM

ACO-1 WELL HISTORY

20-21-19Wp

Compt. _____

SIDE ONE

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

DOCKET NO. NP _____

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.

State Geological Survey
WICHITA BRANCHC ☒ 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 _____.

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

LICENSE # 5817 EXPIRATION DATE 6-30-84

OPERATOR Benson Mineral Group, Inc. API NO. 15-145-20,801

ADDRESS 1536 Cole Blvd., Suite 220 COUNTY Pawnee

Golden, Colorado 80401 FIELD Steffen So.

** CONTACT PERSON Jim Jameson PROD. FORMATION Chase Group
PHONE 303-232-0100 _____ Indicate if new pay.

PURCHASER Northern Natural Gas Co. LEASE Hammeke C

ADDRESS 2223 Dodge Street WELL NO. 1-20

Omaha, Nebraska 68102 WELL LOCATION C N $\frac{1}{2}$ SE $\frac{1}{4}$

DRILLING Sterling Drilling 1780 Ft. from South Line and

CONTRACTOR P.O. Box 129 1320 Ft. from East Line of (2)

ADDRESS Sterling, Kansas 67579 the SE (Qtr.) SEC 20 TWP 21 RGE 19 (W).

PLUGGING _____ WELL PLAT _____ (Office Use Only)
CONTRACTOR _____
ADDRESS _____

TOTAL DEPTH 2390 PBDT 2370

SPUD DATE 1-16-81 DATE COMPLETED 1-22-81

ELEV: GR 2081 DF 2084 KB

DRILLED WITH (CARTR) (ROTARY) ~~(CARTR)~~ ~~(CARTR)~~ ~~(CARTR)~~

DOCKET NO. OF DISPOSAL OR REPRESSURING WELL BEING USED TO DISPOSE OF WATER FROM THIS LEASE _____

Amount of surface pipe set and cemented 953 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 _____. 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

James S. Jameson _____, 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.

Side TWO

OPERATOR Benson Mineral Group, Inc. LEASE NAME Hammeke C SEC 20 TWP 21 RGE 19 (W)
WELL NO 1-20

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
X Check if no Drill Stem Tests Run. Check if samples sent Geological Survey.				
Shale and gravel	0	365		
Shale	365	527		
Shale and sand	527	965		
Shale	965	1515		
Lime and shale	1515	2390		

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used				Depth interval treated	
500 gal 15% HCl				2299-2304	
Frac x 10,000# 20-40 sn, 19,000 gal 80 quality foam					
Date of first production		Producing method (flowing, pumping, gas lift, etc.)			
SI waiting on pipeline		pumping		Gravity	
Estimated	Oil	Gas	Water	Gas-oil ratio	
Production-I.P.	0	105	%	bbls.	CFPB
Disposition of gas (vented, used on lease or sold)			Perforations 2299-2304		
Sold					

If additional space is needed use Page 2

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	9½"	7"		953	60-40 POZ	250	3% CaCl
Production	6½"	4½"		2390	Lite	100	
					50-50 POZ	80	2% gel, 10% NaCl

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
TUBING RECORD			1		2299-2304
Size	Setting depth	Pecker set at			