

TYPE

AFFIDAVIT OF COMPLETION FORM

ACO-1 WELL HISTORY

SIDE ONE

Two (2) copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within thirty (30) days after the completion of a well, regardless of how the well was completed.

Attach separate letter of request if the information is to be held confidential. If confidential, only file one copy. Information on Side One will be of public record and Side Two will then be held confidential.

Applications must be made on dual completion, commingling, salt water disposal, injection and temporarily abandoned wells.

Attach one copy only wireline logs (i.e. electrical log, sonic log, gamma ray neutron log, etc.). (Rules 82-2-105 & 82-2-125) KCC# (316) 263-3238.

LICENSE # 5056 EXPIRATION DATE June 30, 1983

OPERATOR F. G. HOLL API NO. 15-047-21,051-0000

ADDRESS 6427 East Kellogg COUNTY Edwards

Wichita, Kansas 67207 FIELD Embry

** CONTACT PERSON Elwyn H. Nagel PROD. FORMATION Kinderhook

PHONE (316) 684-8481

PURCHASER NORTHERN NATURAL GAS COMPANY LEASE DONAVAN

ADDRESS 2223 Dodge St. WELL NO. 1-16

Omaha, Ne 68102 WELL LOCATION

DRILLING Sterling Drilling Company 1320 Ft. from North Line and

CONTRACTOR P. O. Box 129 430 Ft. from West Line of

Sterling, Kansas 67579 the NE (Qtr.) SEC 16 TWP 24S RGE 16W.

PLUGGING N.A. WELL PLAT

CONTRACTOR ADDRESS

RECEIVED STATE CORPORATION COMMISSION

NOV 1 1982

CONSERVATION DIVISION Wichita, Kansas

(Office Use Only)

KCC KGS

SWD/REP PLG.

TOTAL DEPTH 4350 PBTD

SPUD DATE 6-17-82 DATE COMPLETED 6-23-82

ELEV: GR 2083 DF 2089 KB 2092

DRILLED WITH (CABLE) (ROTARY) (AIR) TOOLS.

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

			*
		16	

Amount of surface pipe set and cemented 252.65' DV Tool Used? NO

THIS AFFIDAVIT APPLIES TO: (Circle ONE) - Oil, (Gas), Shut-in Gas, Dry, Disposal, Injection, Temporarily Abandoned, OWWO. Other

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

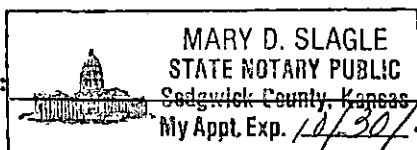
Elwyn H. Nagel, being of lawful age, hereby certifies that:

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.

Elwyn H. Nagel (Name) Nagel

SUBSCRIBED AND SWORN TO BEFORE ME this 1st day of November, 1982.

MY COMMISSION EXPIRES:



Mary D. Slagle (NOTARY PUBLIC)

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

SIDE TWO

ACO-I WELL HISTORY

OPERATOR F. G. HOLL

LEASE Donavan

SEC.16 TWP.24S RGE.16W

FILL IN WELL LOG 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
Surface Soil and Sand	0	100		
Shale	100	268		
Shale and Sand	268	797		
Shale and Shells	797	1078		
Anhydrite	1078	1095		
Shale	1095	1475		
Lime and Shale	1475	4350		
			Heebner	3665
			Brown Lime	3799
			Lansing KC	3807
			Base KC	4085
			Cherokee Sh	4199
			Conglomerate	4224
			Conglomerate Ch	4235
			Kinderhook Sh	4264
			Kinderhook Ss	4284
			Viola	4297
			RTD	4350
			Elog TD	4349
DST #1	4215-4257			
	30-30-60-30			
Tool opened with strong blow. Gas to surface 1 min. after 2nd open Gauged 29,000 CFG/D: 53,200 CFG/D at end of test. Recovered: 40' mud Pressures: IFP 81 ISIP 1348 FFP .66 FSIP 1307				

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		8 5/8	24	266	60/40 Pozmix	210	3% cc
PRODUCTION		4 1/2"	10.5	4345	Lite	100	
					50/50 Pozmix	140	Regular

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth Interval
N.A.	N.A.	N.A.	4		4286-90

TUBING RECORD

Size	Setting depth	Packer set at		
2"	4254.60		4	4270-74

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
1000 bbl. SW frac with 20,000# 20-40 and 10,000# 10-20 sand	4286-90 4270-74

Date of first production	Producing method (flowing, pumping, gas lift, etc.)	Gravity
10-82	Flowing	

RATE OF PRODUCTION PER 24 HOURS	Oil bbls.	Gas MCF	Water %	Gas-oil ratio bbls.	CFPB
		555			

Disposition of gas (vented, used on lease or sold)	Perforations
Sold	4270-4274