

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 # Applied For EXPIRATION DATE

OPERATOR WALTER KUHN DRILLING COMPANY API NO. 15-189-20,558 00-00

ADDRESS 802 Union Center Bldg-Wichita, Kansas 67202 COUNTY Stevens

FIELD PANAMA

\*\* CONTACT PERSON C. E. Leith PROD. FORMATION Morrow

PHONE 316/265-2031

PURCHASER Northern Natural Gas Co. LEASE Stephens

ADDRESS 2223 Dodge - Omaha, Nebraska 68102 WELL NO. 2-16

DRILLING Gabbert-Jones, Inc. WELL LOCATION C - NE/4

CONTRACTOR ADDRESS Sutton Place - Wichita, Kansas 67202 Ft. from 1320 N Line and

the NE (Qtr.) SEC 16 TWP 33S RGE 36W.

PLUGGING CONTRACTOR ADDRESS

WELL PLAT

(Office Use Only)

		16	

KCC

KGS

SWD/REP

PLG.

TOTAL DEPTH 6200 PBSD 6143

SPUD DATE 3-14-82 DATE COMPLETED 7-17-82

ELEV: GR 3035 DF KB 3046

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

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

Amount of surface pipe set and cemented 1682 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 BY THE OIL AND GAS INDUSTRY HAVE BEEN FULLY COMPLIED WITH.

STATE RECEIVED JUL 26 1982 7-26-1982 CONSERVATION DIVISION Wichita, Kansas

A F F I D A V I T

C. E. Leith

, 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.

C. E. Leith (Name)

SUBSCRIBED AND SWORN TO BEFORE ME this 23rd day of July, 1982

JANET L. MILLER NOTARY PUBLIC STATE OF KANSAS My Comm. Expires 24, 1982

Janet L. Miller (NOTARY PUBLIC)

MY COMMISSION EXPIRES:

RECEIVED STATE CORPORATION COMMISSIONS

JUL 26 1982

CONSERVATION DIVISION Wichita, Kansas

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

SIDE TWO

OPERATOR Walter Kuhn Drilling Co. LEASE Stephens

ACO-1 WELL HISTORY  
SEC. 16 TWP. 33S RGE. 36W

**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
DST#1 6072-85      30-45-60-60 Rec. 90' Hvy. Mud SIP 1310 - 1628 FP 322-1310 Tool Leaked -			Chase Gp.	2615
			Council Grove	2940
DST#2 6072-6106 30-45-45-45 Rec. 80' Mud SIP 381 - 410 FP 58 - 58			Heebner	4147
			Toronto	4175
			Lansing	4240
			Marmaton	4960
			Morrow Sh.	5760
			Morrow Sd	6072
		Chester Ls.	6165	

Report of all strings set— surface, intermediate, production, etc. **CASING RECORD** (New) or ~~(Used)~~ **NEW**

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Socks	Type and percent additives
Surface	12 1/4	8-5/8	24	1682	750 sks Lite	750	2% CC
					200 Sks Glass	H 200	3% CC
Production	7-7/8	4 1/2"	11.6	6199	60/40 Poz	150	10% salt
					DV @ 3265	60/40 Poz	300

**LINER RECORD**

**PERFORATION RECORD**

Top, ft.	Bottom, ft.	Socks cement	Shots per ft.	Size & type	Depth interval
			4	7/16	6064-6082

**TUBING RECORD**

Size	Setting depth	Packer set at
2-3/8" OD	6051	None

**ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD**

Amount and kind of material used	Depth interval treated
1500 gal. Acid + 39,000# Sand Fracture	6064-82

Date of first production 7/17/82	Producing method (flowing, pumping, gas lift, etc.) Flowing	Gravity ?
RATE OF PRODUCTION PER 24 HOURS	Oil None Gas 988 Water % None	Gas-oil ratio
Disposition of gas: (vented, used on lease or sold) Vented	Perforations 6064-82	

GABBERT-JONES, INC.  
 WICHITA, KANSAS  
 DRILLER'S WELL LOG

Stephens #2-16  
 NE/4 Sec 16-33S-36S  
 Stevens County, Kansas

Commenced: 3-14-82

Completed: 3-18-82

OPERATOR: WALTER KUHN DRILLING CO.

Depth		Formation	Remarks
From	To		
0	60	Cased Hole-Cement	40' of 20" csg
60	564	Sand-Redbed	
564	1150	Redbed-Anhy-Sand	Ran 42 jts of 24# 8 5/8" csg
1150	1696	Redbed-Sand	set @ 1682' Cemented w/
1696	2115	Redbed-Anhy	750 sks Lite - 2% CC +
2115	2645	Redbed	200 sks Class H - 3% CC
2645	3025	Shale-Salt-Anhy	PD @ 2:00 p.m. 3-15-82
3025	5276	Lime-Shale	
5276	5387	Shale-Lime	
5387	5584	Lime-Shale	Ran 155 jts of 11.6# 4 1/2"
5584	5735	Shale-Lime	csg set @ 6199' Cemented w/
5735	6200	Lime-Shale	Bottom 50 sks scavenger
	6200 - TD		150 sks 60/48 - 10% Salt - 3/4% CFR-2 DV Tool @ 3265 Cemented w/300 sks 60/40 Posmix 10% Salt - 3/4% CFR-2 PD @ 11:00 p.m. 3-18-82

STATE OF KANSAS )  
 ) SS  
 COUNTY OF SEDGWICK)

I, the undersigned, being duly sworn on oath, state that the above  
 Drillers' Well Log is true and correct to the best of my knowledge and belief and  
 according to the records of this office.

GABBERT-JONES, INC.

*James S. Sutton II*  
 JAMES S. SUTTON II

Subscribed and sworn to before me this 23rd day of March, 1982.

*Elizabeth J. Edwards*  
 ELIZABETH J. EDWARDS-NOTARY PUBLIC

My Commission expires February 6, 1983.

RECEIVED  
 STATE CORPORATION COMMISSION  
 JUL 26 1982  
 CONSERVATION DIVISION  
 Wichita, Kansas