

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.

F 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.

C 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 # 5146 EXPIRATION DATE \_\_\_\_\_

OPERATOR Rains & Williamson Oil Co., Inc. API NO. 15-007-20,543-0000

ADDRESS 435 Page Court, 220 West Douglas COUNTY Barber

Wichita, Kansas 67202 FIELD Amber Mills South

\*\* CONTACT PERSON Juanita Green PROD. FORMATION Elgin Sand  
PHONE (316) 265-9686

PURCHASER Central States Gas Company LEASE KUMBERG

ADDRESS 1700 Broadway - 1600 Tower Building WELL NO. #1

Denver, Colorado 80290 WELL LOCATION 220' East of SW SE SE

DRILLING Rains & Williamson Oil Co., Inc. 330 Ft. from South Line and

CONTRACTOR CONTRACTOR 660 Ft. from East Line of

ADDRESS 435 Page Court, 220 West Douglas the SE (Qtr.) SEC 21 TWP 30S RGE 12(W).

Wichita, Kansas 67202

PLUGGING \_\_\_\_\_ WELL PLAT \_\_\_\_\_ (Office

CONTRACTOR \_\_\_\_\_ Use Only)

ADDRESS \_\_\_\_\_ KCC

TOTAL DEPTH 4725' PBT \_\_\_\_\_ KGS

SPUD DATE 10-11-77 DATE COMPLETED 10-26-77 SWD/REP \_\_\_\_\_

ELEV: GR 1762 DF \_\_\_\_\_ KB 1772 PLG. \_\_\_\_\_

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

DOCKET NO. OF DISPOSAL OR REPRESSURING WELL BEING

USED TO DISPOSE OF WATER FROM THIS LEASE \_\_\_\_\_

Amount of surface pipe set and cemented 329' DV Tool Used? \_\_\_\_\_

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

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

Wilson Rains, President, 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.

Wilson Rains (Name) WILSON RAINS

SUBSCRIBED AND SWORN TO BEFORE ME this 18th day of March, 1983.

Juanita M. Green (NOTARY PUBLIC) Juanita M. Green



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

RECEIVED STATE CORPORATION COMMISSION

MAR 22 1983 3-22-83 CONSERVATION DIVISION Wichita, Kansas

OPERATOR Rains & Williamson Oil Co., Inc. LEASE KUMBERG

SEC. 21 TWP. 30S RGE. 12 (W)

FILL IN WELL INFORMATION AS REQUIRED:

WELL NO. #1

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
Check if no Drill Stem Tests Run.				

If additional space is needed use Page 2, Side 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	Socks	Type and percent additives
Surface	12 1/4"	317.85'	20#	329'	Common	225	2% gel, 3% cc
Production	7 7/8"	4685'	10 1/2#	4695'	Lite 60-40 poz.	175 125	18% salt 3/4 of 1% CFR2
Set Bridge Plugs @ 3550', 4190', 4350'.							

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Socks cement	Shots per ft.	Size & type	Depth interval
			2		4280' - 4286'
TUBING RECORD			2		3488' - 3496'
Size	Setting depth	Packer set at			

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
250 gallons MCA	4280' - 4286', 3488' - 3496'
20,000 gallons nitrogen & water & 16,000# Sand	4098' - 4102', 4280' - 4386'

Date of first production <u>6-27-82</u>	Producing method (flowing, pumping, gas lift, etc.) <u>Flowing</u>	Gravity
Estimated Production -I.P. <u>0.000</u> bbls.	Gas <u>100</u> MCF	Water <u>0%</u> bbls.
Disposition of gas (vented, used on lease or sold)		Gas-oil ratio <u>CFPB</u>
Perforations <u>3488' - 3496'</u>		

15-007-20543-0000

SIDE TWO (Page Two)

ACO-1 WELL HISTORY

OPERATOR Rains & Williamson Oil Co., Inc. LEASE NAME KUMBERG #1

SEC. 21 TWP. 30S RGE. 12

(EX)  
(W)

**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
<p>DST #7 4570 - 4585 30 30 60 60. Weak to fair blow. Rec. 60' watery mud, 120' water. FP'S 42-52, 63-84. IBHP 1615, FBHP 1605. Temp. 121°.</p> <p>DST #8 4666 - 4695 30 30 90 60. Weak blow. Rec. 5' mud. Tool was plugging throughout all open periods. FBHP 800.</p> <p>DST #9 4666 - 4700 30 30 90 60. Very weak blow - died 55". Rec. 15' watery mud. FP'S 42-42, 42-42. IBHP 316, FBHP 515.</p>				

15-007-20543-0000

DRILLER'S LOG

COMPANY: Rains & Williamson Oil Co., Inc. SEC. 21 T. 30S R. 12W  
 WELL NAME: Kumberg #1 LOC. 220' E of SW SE SE  
 COUNTY: Barber  
 RIG NO. #2  
 TOTAL DEPTH 4725' ELEVATION 1762 GL 1772 K  
 COMMENCED: 10-11-77 COMPLETED: 10-26-77  
 CONTRACTOR: Rains & Williamson Oil Co., Inc.

CASING RECORD:

SURFACE: 8 5/8" @ 329' w/225 sx. common, 2% gel, 3% cc.

PRODUCTION: 4 1/2" @ 4695' w/175 sx. Lite and 125 sx. 60/40 poz.,  
18% salt and 3/4 of 1% CFR2.

LOG

(Figures Indicate Bottom of Formations)

Shale	70
Sand & Shale	530
Shale	1090
Sand & Shale	1810
Shale	2050
Sand & Shale	2268
Shale	2650
Shale & Lime	3400
Lime & Shale	3620
Lime	4725
<u>ROTARY TOTAL DEPTH</u>	<u>4725</u>

RECEIVED  
 STATE CORPORATION COMMISSION  
 MAY 25 1984  
 5-25-84  
 CONSERVATION DIVISION  
 Wichita, Kansas

STATE OF Kansas )  
 COUNTY OF Sedgwick ) SS:

I, Wilson Rains, President of Rains & Williamson Oil Co., Inc.  
 upon oath state that the above and foregoing is a true and correct copy of the log of the  
Kumberg #1 well.

Wilson Rains  
 Wilson Rains



Subscribed and sworn to before me this 3 day of November, 1977.

My Appointment Expires:

10-4-79

Juanita M. Green  
 Juanita M. Green

15-007-20543-0000

# CHIEF DRILLING CO., Inc.

*Drilling Contractors - Oil Producers*

SUITE 905 CENTURY PLAZA

WICHITA, KANSAS 67202

V. RICHARD HOOVER  
PRESIDENT

(316) 262-3791

## DAILY WORKOVER REPORT

### KUMBERG #1

SW SE SE Sec. 21-30S-12W

Barber County, Kansas

11-17-83 Moved in Chief cable tools, rigged up, blow gas well down  
11-18-83 blow gas off well loaded hole, pulled rods & tubing  
11-21-83 Drilling on plug @ 3550', drove down 4190'  
11-22-83 Drilling on plug @ 4190' drove on down  
11-23-83 Rigged up ran tubing with packer, ran one joint & seating  
nipple. One more & packer. Tried to wash out to bottom  
plug wouldn't go. got 21 feet below perf. Ran 139 joints  
of tubing, set @ 4307', set 7' off of bottom, packer set  
@ 4250', Ran 2 x 1 1/2 x 12' pump T.H.D. 6' gas anchor,  
ran 51 - 3/4 rods and 119 - 5/8, 8 - 6' pony rods and 2 -  
2' pony rods, 1 - 16' polish rod.