

ORIGINAL

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
ACO-1 WELL HISTORY  
DESCRIPTION OF WELL AND LEASE

API NO. 15- 055-21,444-0000

County Finney  
Approx. SE/4 Sec. 18 Twp. 22 S Rge. 34W XX W

Operator: License # 31137

Name: Pennzoil Exploration & Production Co.

Address P.O. Box 2967

City/State/Zip Houston, Tx. 77252-2967

Purchaser: NORTHERN NATURAL GAS

Operator Contact Person: K. Sam Jones

Phone ( 713 ) 546-4930

Contractor: Name: Abercrombie RTD, Inc.

License: 30684

Wellsite Geologist: \_\_\_\_\_

Designate Type of Completion  
 New Well  Re-Entry  Workover

Oil  SWD  SLOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Deepening  Re-perf.  Conv. to Inj/SWD  
 Plug Back  P8TD  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SWD or Inj?)  Docket No. \_\_\_\_\_

11-5-95 11-7-95 11-7-95  
Spud Date Date Reached TD Completion Date

1250' Feet from S/N (circle one) Line of Section

1250' Feet from E/W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
NE, (SE), NW or SW (circle one)

Lease Name BURG Well # #2

Field Name HUGOTON

Producing Formation Chase

Elevation: Ground 2974' KB 2979'

Total Depth 2790' P8TD 2750'

Amount of Surface Pipe Set and Cemented at 290.03' Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from 2790'

feet depth to SURFACE w/ 665 sx cmt.

Drilling Fluid Management Plan  
(Data must be collected from the Reserve Pit) *all of 4-19-96*

Chloride content 35,000 ppm Fluid volume 1240 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled off-site: WICHITA, KANSAS CORPORATION COMMISSION

Operator Name JAN 25 1996

Lease Name \_\_\_\_\_ License No. \_\_\_\_\_

Quarter Sec. Twp. WICHITA, KS E/W

County \_\_\_\_\_ Docket No. \_\_\_\_\_

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

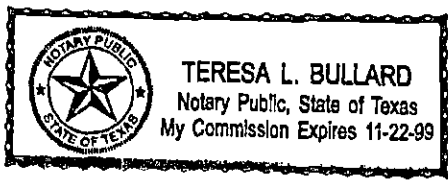
Signature [Signature]  
Title OPERATIONS SUPERINTENDENT Date 01/22/96

Subscribed and sworn to before me this 22 day of January  
19 96.

Notary Public [Signature]

Date Commission Expires 11-22-96

K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Geologist Report Received  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other  
(Specify)



Operator Name Pennzoil Exploration & Production Co. Lease Name BURG Well # #2  
 Sec. 18 Twp. 22S Rge. 34 W  East County Finney  
 West

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken  Yes  No  
 (Attach Additional Sheets.)  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No  
 Electric Log Run  Yes  No  
 (Submit Copy.)

List All E.Logs Run: MSG CEMENT BOND LOG,  
 DUAL INDUCTION LATERLOG, MICROLOG,  
 SPECTRAL DENSITY DUAL SPACED NEUTRON  
 II LOG.

Log Formation (Top), Depth and Datums  Sample  
 Name Top Datum  
 HERRINGTON 2480'  
 KRIDER 2503'  
 WINFIELD 2540'  
 GAGE SHALE 2567'  
 TOWANDA 2603'

CASING RECORD <input type="checkbox"/> New <input checked="" type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12 1/4"	8 5/8"	28#	290.03'	60/40 pos	260 sks	2% gel, 3% CC
Production String	7 7/8"	4 1/2"	10.5#	2789'	Allied Lite ASC	500 sks 150 sks	1/2# floeal/sk 10% salt

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth
2 SPF	2492' to 2510'	1500 GAL. 7 1/2% HCL
2 SPF	2543' to 2548'	63,140# 12/20 SAND

TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Size	Set At	Packer At		
2 3/8"	2560'			
Date of First, Resumed Production, SWD or Inj. 01/02/96		Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity
		200 MCF/D	1 BWPD	

Disposition of Gas: **METHOD OF COMPLETION** **Production Interval**  
 Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled  
 (If vented, submit ACO-18.)  Other (Specify) \_\_\_\_\_

Stamp: FINNEY COUNTY, KANSAS  
 1996  
 [Handwritten initials and signatures]

# ALLIED CEMENTING CO., INC. 3356

15.055-21444-0000

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:

oakley

DATE <u>11-4-95</u>	SEC. <u>18</u>	TWP. <u>22</u>	RANGE <u>34</u>	CALLED OUT <u>1:00 PM</u>	ON LOCATION <u>4:40 PM</u>	JOB START <u>5:40 PM</u>	JOB FINISH <u>6:15 PM</u>
LEASE <u>Burg</u>		WELL # <u>2</u>	LOCATION <u>10N 8E 2N 2E 1/4N Lakin</u>		COUNTY <u>Tinney</u>	STATE <u>KS</u>	

OLD OR NEW (Circle one)

CONTRACTOR Aberc Drlg Rig 4

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 291

CASING SIZE 8 1/2 DEPTH 290

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_

CEMENT LEFT IN CSG. 15'

PERFS. \_\_\_\_\_

OWNER Same

CEMENT

AMOUNT ORDERED 260 lbs 60/40 370 cc

290 60/1

COMMON	@	_____
POZMIX	@	_____
GEL	@	_____
CHLORIDE	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
HANDLING	@	_____
MILEAGE	@	_____

### EQUIPMENT

PUMP TRUCK CEMENTER Dean

# 279 HELPER Wayne

BULK TRUCK

# 305 DRIVER Doh

BULK TRUCK

# \_\_\_\_\_ DRIVER \_\_\_\_\_

### REMARKS:

~~Cement circulation in H~~

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

RETOTALLED  
KANSAS CORPORATION COMMISSION

SERVICE JAN 25 1996

DEPTH OF JOB	CONSERVATION DIVISION
PUMP TRUCK CHARGE	WICHITA, KS
EXTRA FOOTAGE	@ _____
MILEAGE	@ _____
PLUG <u>Surface</u>	@ _____
_____	@ _____
_____	@ _____

TOTAL \_\_\_\_\_

CHARGE TO: Pennzoil Expl & Prod Co

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

### FLOAT EQUIPMENT

_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____

TOTAL \_\_\_\_\_

TAX \_\_\_\_\_

TOTAL CHARGE \_\_\_\_\_

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

To Allied Cementing Co., Inc.  
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE Henry Fisher

# ALLIED CEMENTING CO., INC. 2430

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

15.055.21444.0000  
SERVICE POINT:

OKley

DATE <u>11-6-95</u>	SEC. <u>18</u>	TWP. <u>22</u>	RANGE <u>34</u>	CALLED OUT	ON LOCATION <u>8 PM</u>	JOB START	JOB FINISH <u>3:30 AM</u>
LEASE <u>Burg</u>		WELL# <u>2</u>	LOCATION			COUNTY <u>Finney</u>	STATE <u>Kan</u>

OLD OR NEW (Circle one)

CONTRACTOR Aber # 4

TYPE OF JOB Prod Strina

HOLE SIZE 7 7/8 T.D. 2790

CASING SIZE 5 1/2 DEPTH 2788

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE 44' SHOE JOINT 40.40

CEMENT LEFT IN CSG. 40'

PERFS.

OWNER Pennzoil

CEMENT

AMOUNT ORDERED 50 Asc 10% salt  
5-15 sks lite # Flo Seal  
500 gal Mud Sweep

COMMON @

POZMIX @

GEL @

CHLORIDE @

HANDLING @

MILEAGE @

**EQUIPMENT**

PUMP TRUCK CEMENTER McAdoo

# 300 HELPER Wayne

BULK TRUCK

# 303 DRIVER Dean R

BULK TRUCK

# DRIVER

RECEIVED  
KANSAS CORPORATION COMMISSION

JAN 25 1996

SERVICE  
CONSERVATION DIVISION  
WICHITA, KS

REMARKS:

~~Cement Dredger~~

Float Held

DEPTH OF JOB 2787

PUMP TRUCK CHARGE

EXTRA FOOTAGE @

MILEAGE @

PLUG @

TOTAL

CHARGE TO: Abercrombie

STREET

CITY STATE ZIP

**FLOAT EQUIPMENT**

Guide Shoe @

Insert @

3 cent @

1 Basket @

TOTAL

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You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE [Signature]

TAX

TOTAL CHARGE

DISCOUNT IF PAID IN 30 DAYS