

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

Operator: License # 30606

Name: Murfin Drilling Co., Inc.

Address 250 N. Water, Suite 300

City/State/Zip Wichita, KS 67202

Purchaser: NGC Energy

Operator Contact Person: Larry M. Jack

Phone (316) 267-3241

Contractor: Name: \_\_\_\_\_

License: \_\_\_\_\_

Wellsite Geologist: None

Designate Type of completion  
\_\_\_\_ New Well \_\_\_\_ Re-Entry X Workover

\_\_\_\_ Oil X SWD \_\_\_\_ SIOW \_\_\_\_ Temp. Abd.  
X Gas \_\_\_\_ ENHR \_\_\_\_ SIGW  
\_\_\_\_ Dry \_\_\_\_ Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

Operator: Murfin Drilling Co., Inc.

Well Name: Newton #1-32

Comp. Date 3/25/95 Old Total Depth 3000

\_\_\_\_ Deepening X Re-perf. XX Conv. to Inj (SWD)  
\_\_\_\_ Plug Back \_\_\_\_\_ PBTB  
\_\_\_\_ Commingled \_\_\_\_\_ Docket No. \_\_\_\_\_  
X Dual Completion \_\_\_\_\_ Docket No. D27184  
\_\_\_\_ Other (SWD or Inj?) \_\_\_\_\_ Docket No. \_\_\_\_\_

3/25/95 3/28/95 3/29/96  
\_\_\_\_ Date OF START Date Reached TD xxxxxxxxxxxx Date  
OF WORKOVER Re-Completion

API NO. 15- 075-20562-0001

County Hamilton

C -NE - - - Sec. 32 Twp. 21S Rge 40 X <sup>E</sup>W

3960 Feet from (S)N (circle one) Line of Section

1320 Feet from (E)W (circle one) Line of Section

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

Lease Name Newton Well # 1-32

Field Name Bradshaw

Producing Formation / ~~DISPOSAL~~ WINFIELD/  
Ft. Riley

Elevation: Ground 3573 KB 3578

Total Depth 3000 PBTB 2932

Amount of Surface Pipe Set and Cemented at 1498 Feet

Multiple Stage Cementing Collar Used? X Yes \_\_\_\_ No

If yes, show depth set 1453 Feet

If Alternate II completion, cement circulated from 1453

feet depth to Surface w/ 285 sx cmt.

Drilling Fluid Management Plan REWORK J8 1-22-97  
(Data must be collected from the Reserve Pit) AH-2

Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls

Dewatering method used 12-16-96

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name \_\_\_\_\_

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

\_\_\_\_ Quarter Sec. \_\_\_\_ Twp. \_\_\_\_ S Rng. \_\_\_\_ 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 Larry M. Jack

Title Larry M. Jack, Production Manager Date 12/12/96

Subscribed and sworn to before me this 12 day of December 19 96.

Notary Public Kerran Bedard



K.C.C. OFFICE USE ONLY  
C \_\_\_\_\_ Wireline Log Received  
Distribution  
KCC

Operator name Murfin Drilling Co., Inc.

Lease Name Newton Well # 2-2

Sec. 32 Twp. 21 S Rge. 40  East  West

County Hamilton

**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 (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log Formation (Top), Depth and Datums Name Top Datum <input type="checkbox"/> Sample Datum
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Electric Log Run (Submit Copy.)	<input type="checkbox"/> Yes <input type="checkbox"/> No	

List all E.Log

CASING RECORD <u>  </u> New <u>  </u> 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"	24#	331	60/40 Poz	200	3% cc, 2% gel
Production	7 7/8"	4.5"	10.5#	2975 1453	EA-2 Class A	125 285	10#/sx gilsonite 25#/sx Flocel

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top/Btm	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Csg				
<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
4	2860-70 (SWD interval)	1500 gal HCL	2860-70
	Pkr @ 2836'		
4	2771-74 (original producing interval)		

TUBING RECORD		Size 2 3/8	Set At 2842	Packer At 2836	Liner <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.			Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other		
Estimated Production Per 24 Hours	Oil Bbls	Gas Mcf	Water Bbls	Gas-Oil Ratio	Gravity

Disposition of Gas:  Vented  Sold  Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION:  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

Production Interval: As above

WELL COMPLETION

15-075-20562-0001 ORIGINAL

Type: Tubing & Packer  ; Packerless (tubing)  ; Tubingless

	CONDUCTOR	SURFACE	INTERMEDIATE	PRODUCTION	TUBING
SIZE		8 5/8		4 1/2	2 3/8
SETTING DEPTH		331		Port Collar 1498 2975	2840
AMOUNT OF CEMENT		200		Port Collar 285 125	
TYPE OF CEMENT		Surface		Surface 2330	
DEPTH OF CEMENT		331		1498 2975	

Alternate II cementing, complete the following:

Formations/D.V. Tool at 1498 feet, cemented to surface feet with 285 sx.

PIPE: Type 2 3/8 Grade J-55

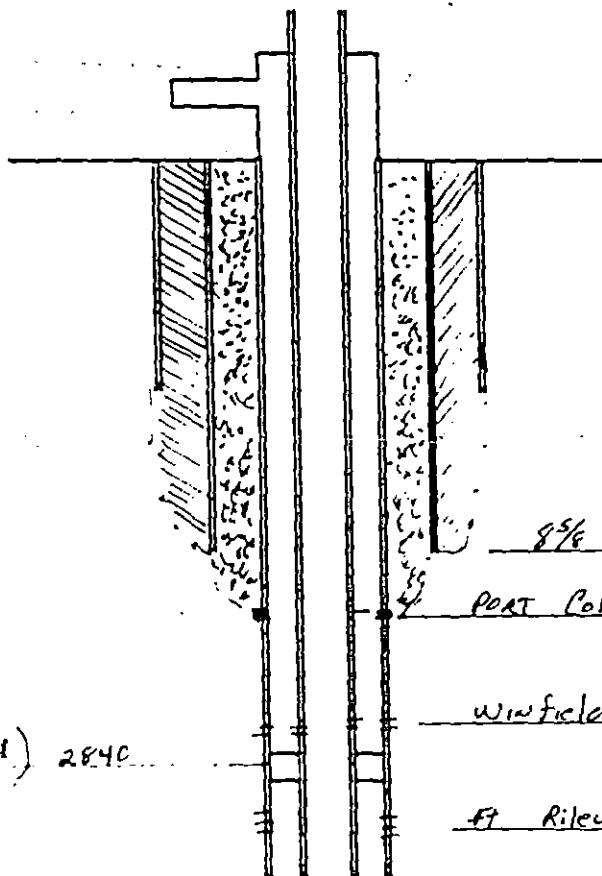
PACKER: Type Lok-set Depth 2840

SULFURIC ACID CORROSION INHIBITOR: Type \_\_\_\_\_ Concentration \_\_\_\_\_

TEST LOGS ENCLOSED: \_\_\_\_\_

WELL SKETCH

(To sketch installation, darken appropriate lines, indicate cement, and show depths.)



This is a dual completion. Salt water being injected into the Ft. Riley with DHI injection tool. Gas to be produced up the annulus. See attached drawing of the assembly.

60:1  
A 1:09

PACKER (nickel plated) 2840

8 5/8 @ 331' cemented to surface w/ 200 sx  
 PORT Collar @ 1498 Cement to surface 285 s  
 winfield perfs 2771-74 - GAS ZONE  
 FT Riley Perfs 2860-70 - inj ZONE

Static fluid level is \_\_\_\_\_ feet below surface.