



**APPLICATION FOR COMMINGLING OF PRODUCTION (K.A.R. 82-3-123) OR FLUIDS (K.A.R. 82-3-123a)** *Commingling ID # \_\_\_\_\_*

OPERATOR: License # \_\_\_\_\_ API No. 15 - \_\_\_\_\_  
Name: \_\_\_\_\_ Spot Description: \_\_\_\_\_  
Address 1: \_\_\_\_\_ - - - - - Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
Address 2: \_\_\_\_\_ Feet from  North /  South Line of Section  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_ Feet from  East /  West Line of Section  
Contact Person: \_\_\_\_\_ County: \_\_\_\_\_  
Phone: ( \_\_\_\_\_ ) \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

1. Name and upper and lower limit of each production interval to be commingled:  
Formation: \_\_\_\_\_ (Perfs): \_\_\_\_\_  
Formation: \_\_\_\_\_ (Perfs): \_\_\_\_\_  
Formation: \_\_\_\_\_ (Perfs): \_\_\_\_\_  
Formation: \_\_\_\_\_ (Perfs): \_\_\_\_\_  
Formation: \_\_\_\_\_ (Perfs): \_\_\_\_\_

2. Estimated amount of fluid production to be commingled from each interval:  
Formation: \_\_\_\_\_ BOPD: \_\_\_\_\_ MCFPD: \_\_\_\_\_ BWPD: \_\_\_\_\_  
Formation: \_\_\_\_\_ BOPD: \_\_\_\_\_ MCFPD: \_\_\_\_\_ BWPD: \_\_\_\_\_  
Formation: \_\_\_\_\_ BOPD: \_\_\_\_\_ MCFPD: \_\_\_\_\_ BWPD: \_\_\_\_\_  
Formation: \_\_\_\_\_ BOPD: \_\_\_\_\_ MCFPD: \_\_\_\_\_ BWPD: \_\_\_\_\_  
Formation: \_\_\_\_\_ BOPD: \_\_\_\_\_ MCFPD: \_\_\_\_\_ BWPD: \_\_\_\_\_

3. Plat map showing the location of the subject well, all other wells on the subject lease, and all wells on offsetting leases within a 1/2 mile radius of the subject well, and for each well the names and addresses of the lessee of record or operator.

4. Signed certificate showing service of the application and affidavit of publication as required in K.A.R. 82-3-135a.

**For Commingling of PRODUCTION ONLY, include the following:**

- 5. Wireline log of subject well. Previously Filed with ACO-1:  Yes  No
- 6. Complete Form ACO-1 (*Well Completion form*) for the subject well.

**For Commingling of FLUIDS ONLY, include the following:**

- 7. Well construction diagram of subject well.
- 8. Any available water chemistry data demonstrating the compatibility of the fluids to be commingled.

**AFFIDAVIT:** I am the affiant and hereby certify that to the best of my current information, knowledge and personal belief, this request for commingling is true and proper and I have no information or knowledge, which is inconsistent with the information supplied in this application.

**Submitted Electronically**

**KCC Office Use Only**  
 Denied  Approved  
15-Day Periods Ends: \_\_\_\_\_  
Approved By: \_\_\_\_\_ Date: \_\_\_\_\_

*Protests may be filed by any party having a valid interest in the application. Protests must be in writing and comply with K.A.R. 82-3-135b and must be filed within 15 days of publication of the notice of application.*

Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1152525  
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

Form must be Typed

Form must be Signed

All blanks must be Filled

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 30606

Name: Murfin Drilling Co., Inc.

Address 1: 250 N WATER STE 300

Address 2:

City: WICHITA State: KS Zip: 67202 + 1216

Contact Person: Leon Rodak

Phone: ( 316 ) 267-3241

CONTRACTOR: License # 30606

Name: Murfin Drilling Co., Inc.

Wellsite Geologist: Saman Sharifaie

Purchaser: MV Purchasing, LLC

API No. 15 - 15-065-23916-00-00

Spot Description:

W2\_E2\_SE\_NW Sec. 35 Twp. 10 S. R. 24  East  West

1980 Feet from  North /  South Line of Section

2296 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE  NW  SE  SW

GPS Location: Lat: \_\_\_\_\_, Long: \_\_\_\_\_

(e.g. xx.xxxxx)

(e.g. -xxx.xxxxx)

Datum:  NAD27  NAD83  WGS84

County: Graham

Lease Name: Geyer Well #: 4-35

Field Name: Geyer

Producing Formation: Toronto and LKC

Elevation: Ground: 2389 Kelly Bushing: 2400

Total Vertical Depth: 4030 Plug Back Total Depth: 3993

Amount of Surface Pipe Set and Cemented at: 222 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: 2039 Feet

If Alternate II completion, cement circulated from: 2039

feet depth to: 0 w/ 160 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 4500 ppm Fluid volume: 1600 bbls

Dewatering method used: Evaporated

Location of fluid disposal if hauled offsite:

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

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

Designate Type of Completion:

New Well  Re-Entry  Workover

Oil  WSW  SWD  SLOW

Gas  D&A  ENHR  SIGW

OG  GSW  Temp. Abd.

CM (Coal Bed Methane)

Cathodic  Other (Core, Expl., etc.)

If Workover/Re-entry: Old Well Info as follows:

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

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

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

Deepening  Re-perf.  Conv. to ENHR  Conv. to SWD  
 Plug Back  Conv. to GSW  Conv. to Producer

Commingled Permit #: \_\_\_\_\_

Dual Completion Permit #: \_\_\_\_\_

SWD Permit #: \_\_\_\_\_

ENHR Permit #: \_\_\_\_\_

GSW Permit #: \_\_\_\_\_

04/02/2013 04/09/2013 05/03/2013  
Spud Date or Date Reached TD Completion Date or Recompletion Date

AFFIDAVIT

I am the affiant and I hereby certify that 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.

Submitted Electronically

KCC Office Use ONLY

Confidentiality Requested

Date: 07/23/2013

Confidential Release Date: \_\_\_\_\_

Wireline Log Received

Geologist Report Received

UIC Distribution

NAOMI JAMES 07/23/2013

Operator Name: Murfin Drilling Co., Inc.

Lease Name: Geyer

Well #: 4-35

Sec. 35 Twp. 10 S. R. 24  East  West

County: Graham

**INSTRUCTIONS:** Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to [kcc-well-logs@kcc.ks.gov](mailto:kcc-well-logs@kcc.ks.gov). Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

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

Log Formation (Top), Depth and Datum  Sample

Name See Attachment Top Datum

List All E. Logs Run:

Dual Induction  
 Dual Compensated  
 Microresistivity

CASING RECORD <input checked="" type="checkbox"/> New <input 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	12.2500	8.6250	23	222	Common	185	3% cc
Production	7.8750	5.5000	15.5	4028	OWC	150	

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				

Did you perform a hydraulic fracturing treatment on this well?  Yes  No (If No, skip questions 2 and 3)

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No (If No, skip question 3)

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?  Yes  No (If No, fill out Page Three of the ACO-1)

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
Attached	Attached	Attached	Attached

TUBING RECORD: Size: <u>2 3/8</u> Set At: <u>3975</u> Packer At: <u>NA</u>		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. <u>05/20/2013</u>		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. <u>74</u>	Gas Mcf <u>12</u>	Water Bbls. Gravity <u>25</u>

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled (Submit ACO-5) (Submit ACO-4) <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>3729 - 3933</u>
--	--	--

Form	ACO1 - Well Completion
Operator	Murfin Drilling Co., Inc.
Well Name	Geyer 4-35
Doc ID	1152525

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
4	3729 - 2732 Toronto	250 gal 15% MCA, 750 gal 15% NEFE	
4	3747 - 3750 LKC A	250 gal 15% MCA	
4	3776 - 3781 LKC B	400 gal 15% MCA (B&D), 750 gal 15% NEFE (B&D)	
4	3786 - 3790 LKC D		
4	3904 - 3908 LKC I	250 gal 20% MCA, 750 gal 15% NEFE	
4	3926 - 3933 LKC J		

**Affidavit of Notice Served**

Re: Application for: Commingling of Production

Well Name: Geyer #4-5 Legal Location: W2 E2 SE NW Sec. 35-10S-24W

The undersigned hereby certifies that he / she is a duly authorized agent for the applicant, and that on the day 24th of April, 2015, a true and correct copy of the application referenced above was delivered or mailed to the following parties:

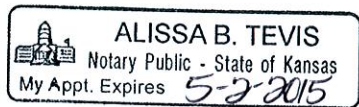
Note: A copy of this affidavit must be served as a part of the application.

Name	Address (Attach additional sheets if necessary)
------	---

I further attest that notice of the filing of this application was published in the The Hill City Times, the official county publication of Graham county. A copy of the affidavit of this publication is attached.

Signed this 24th day of April, 2015

Applicant of Duly Authorized Agent



Subscribed and sworn to before me this 24th day of April, 2015

Notary Public

My Commission Expires: 5-2-2015

Protests may be filed by any party having a valid interest in the application. Petitions for protests shall be in writing and shall clearly identify the name and address of the protestant and the title of the application. The petition shall include a clear and concise statement of the direct and substantial interest of the protestant in the proceedings, including the manner in which the protestant may be affected, and the nature, extent, character and grounds of the protest. Protestants shall serve the protest upon the applicant by mail or personal service at the same time or before the protestant files the protest with the Conservation Division. Protests must be filed within 15 days of the publication notice of the application.

U-8 page 3 attachment  
Offset Operators and Unleased Mineral Owners

Murfin Drilling Company, Inc  
Comminglin Application  
Geyer #4-5  
W2 E2 SE NW  
Sec. 35-10S-24W  
Graham Co., KS

Name	Leasehold
Murfin Drilling Company, Inc. 250 N Water Wichita, KS 67202	W/2 Sec. 35-10S-24W
Phillips Exploration Co., LC PO Box 580 Andover, KS 67002	S/2 Sec. 26, NE/4 Sec. 34 in T10S R24W
Galen Geyer 10082 200 Ave. Wakeeney, KS 67672	W/2 Sec. 35 and SE/4 of Sec. 34 in T10S R24W
Shirley Etal Preister Estate Mary Schneider& Charlotte Wanker Co-Executors 20014 283 Hwy Wakeeney, KS 67672	E/2 Sec 35-10S-24W

# Public Notices

First Published in The Hill City Times  
Wednesday, March 11, 2015

BEFORE THE STATE  
CORPORATION COMMISSION  
OF THE STATE OF KANSAS

## NOTICE OF FILING APPLICATION

RE: Murfin Drilling Co., Inc. -- Application for Commingling of Production on the Geyer B. #435, located in Graham County, Kansas.

TO: All Oil and Gas Producers, Unleased Mineral Interest Owners, Landowners, and all persons whomsoever concerned.

You, and each of you, are hereby notified that Murfin Drilling Company, Inc. has filed an application for Commingling of Production from the Toronto and LKC at the Geyer #4-35 well located in the W2 E2 SE NW of Sec. 35-10S-24W, Graham Co., KS.

Any persons who object to or protest this application shall be required to file their objections or protest with the Conservation Division of the State Corporation Commission of the State of Kansas within fifteen (15) days from the date of this publication. These protests shall be pursuant to Commission regulations and must state specific reasons why the grant of the application may cause waste, violate correlative rights or pollute the natural resources of the State of Kansas.

All persons interested or concerned shall take notice of the foregoing and shall govern themselves accordingly.

Murfin Drilling Company, Inc.  
250 N. Water, Suite 300  
Wichita, KS 67202  
316-267-3241

37-1

## AFFIDAVIT OF PUBLICATION State of Kansas, County of Graham, ss:

JIM LOGBACK, of lawful age, being duly sworn, upon oath states that he is publisher of THE HILL CITY TIMES;

THAT said newspaper has been published weekly at least fifty (50) times a year and has been published at least five (5) years in Graham County, Kansas prior to the first publication of the attached notice;

THAT said newspaper has a general PAID circulation in GRAHAM COUNTY, KANSAS, and is NOT a trade, religious or fraternal publication.

THAT said newspaper is PRINTED IN KANSAS and PUBLISHED in GRAHAM COUNTY, KANSAS, and entered as second class mail matter at the post office of its publication in HILL CITY, KANSAS;

THAT, a notice of which the attached is a true and correct copy, was published in a regular issue of said newspaper for 1 consecutive weeks commencing with the issue of March 11, 2015.

*Jim Logback*

Publication Fee . . . . . \$ 2750

\_\_\_ Affidavits @ 75¢ . . \$ \_\_\_

\_\_\_ Extra Copies @ 50¢ \$ \_\_\_

TOTAL LEGAL FEE . . . . \$ 2750

SUBSCRIBED and sworn

to before me this 11th

day of March

2015

*Marinda D. Sumner*

My commission expires KSA 53-501  
Clerk of the District Court  
Graham County

Notary Public





**AFFIDAVIT**

STATE OF KANSAS \  
- SS.  
County of Sedgwick /

Mark Fletchall, of lawful age, being first duly sworn, deposeth and saith: That he is Record Clerk of The Wichita Eagle, a daily newspaper published in the City of Wichita, County of Sedgwick, State of Kansas, and having a general paid circulation on a daily basis in said County, which said newspaper has been continuously and uninterruptedly published in said County for more than one year prior to the first publication of the notice hereinafter mentioned, and which said newspaper has been entered as second class mail matter at the United States Post Office in Wichita, Kansas, and which said newspaper is not a trade, religious or fraternal publication and that a notice of a true copy is hereto attached was published in the regular and entire Morning issue of said The Wichita Eagle for   1   issues, that the first publication of said notice was

made as aforesaid on the   7<sup>th</sup>   of

  March   A.D.   2015  , with

subsequent publications being made on the following dates:

**LEGAL PUBLICATION**  
Published in The Wichita Eagle  
March 7, 2015 (3340356)  
BEFORE THE STATE  
CORPORATION COMMISSION  
OF THE STATE OF KANSAS  
**NOTICE OF FILING APPLICATION**  
RE: Murfin Drilling Co., Inc.- Application for Commingling of Production on the Geyer B #4-35, located in Graham County, Kansas.  
TO: All Oil and Gas Producers, Unleased Mineral Interest Owners, Landowners, and all persons whomsoever concerned.  
You, and each of you, are hereby notified that Murfin Drilling Company, Inc. has filed an application for Commingling of Production from the Toronto and LKC at the Geyer #4-35 well located in the W2 E2 SE NW of Sec. 35-10S-24W, Graham Co., KS.  
Any persons who object to or protest this application shall be required to file their objections or protest with the Conservation Division of the State Corporation Commission of the State of Kansas within fifteen (15) days from the date of this publication. These protests shall be pursuant to Commission regulations and must state specific reasons why the grant of the application may cause waste, violate correlative rights or pollute the natural resources of the State of Kansas.  
All persons interested or concerned shall take notice of the foregoing and shall govern themselves accordingly.  
Murfin Drilling Company, Inc.  
250 N. Water, Suite 300  
Wichita, KS 67202  
316-267-3241

And affiant further says that he has personal knowledge of the statements above set forth and that they are true.

*Mark Fletchall*

Subscribed and sworn to before me this

  9<sup>th</sup>   day of   March  , 2015

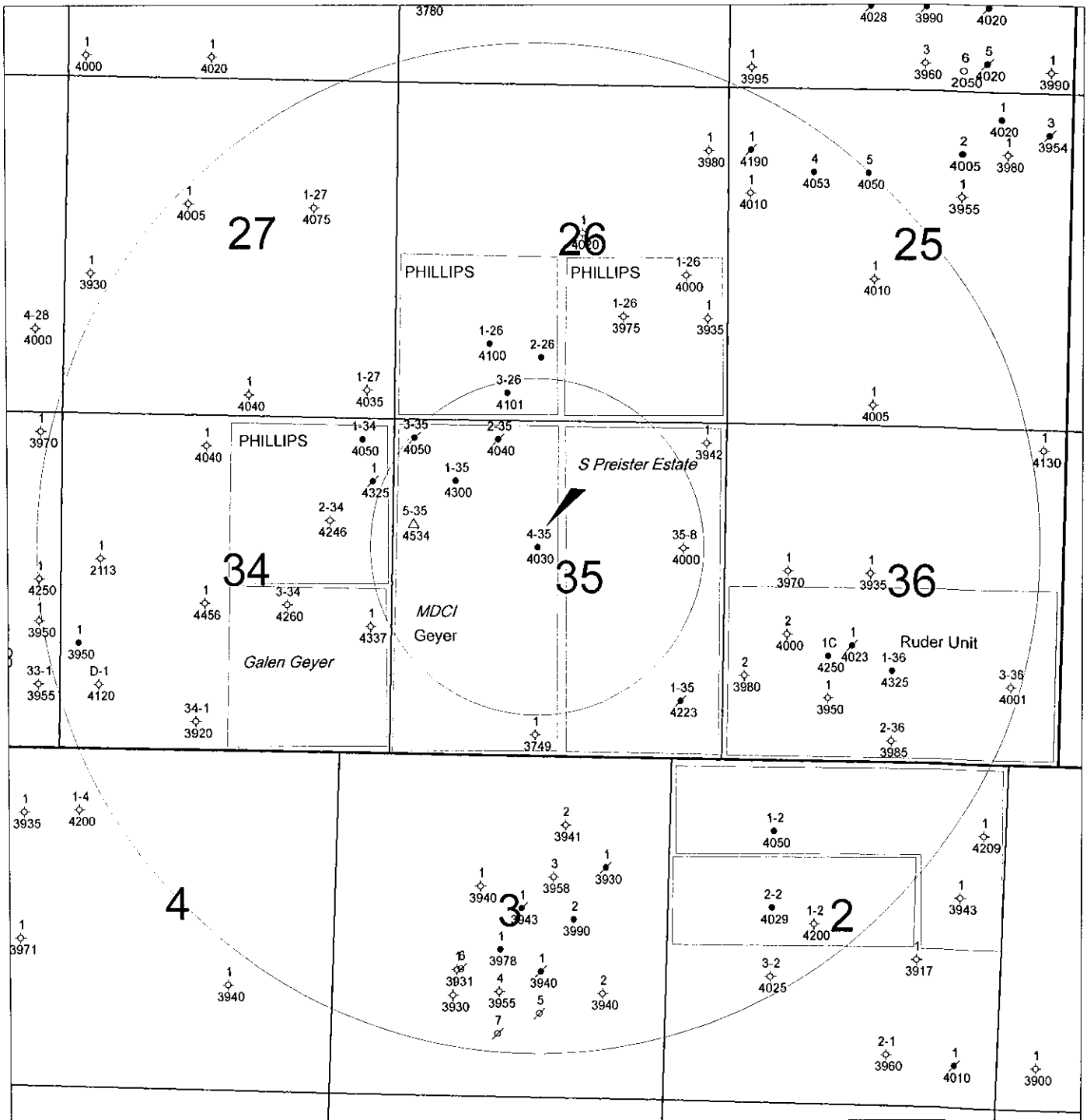


*Rachel M. Wilson*


Notary Public Sedgwick County, Kansas

Printers Fee:   \$135.80





10-11S 24W



**MURFIN**  
 BULLDOG SURVEYS, INC.  
 WICHITA, KANSAS

**Geyer #4-35**  
 Commingle App.  
 Sec. 35-10S-24W  
 Graham Co., KS

---

Author:  
Date: 21 April, 2015

Horizontal Scale:  
Contour Interval:



**WELL FILE**  
**DUAL RECEIVER**  
**CEMENT BOND**  
**LOG**

Company MURFIN DRILLING COMPANY, INC.  
 Well GEYER #4-35  
 Field GEYER  
 County GRAHAM  
 State KANSAS

Company MURFIN DRILLING COMPANY, INC.  
 Well GEYER #4-35  
 Field GEYER  
 County GRAHAM State KANSAS

Location: API #: 15-065-23916-00-00  
 1980' FNL & 2296' FWL  
 SEC 35 TWP 10S RGE 24W  
 Other Services  
 Elevation  
 Permanent Datum GROUND LEVEL Elevation 2389  
 Log Measured From KELLY BUSHING 11' A.G.L. K.B. 2400  
 Drilling Measured From KELLY BUSHING D.F. G.L. 2389

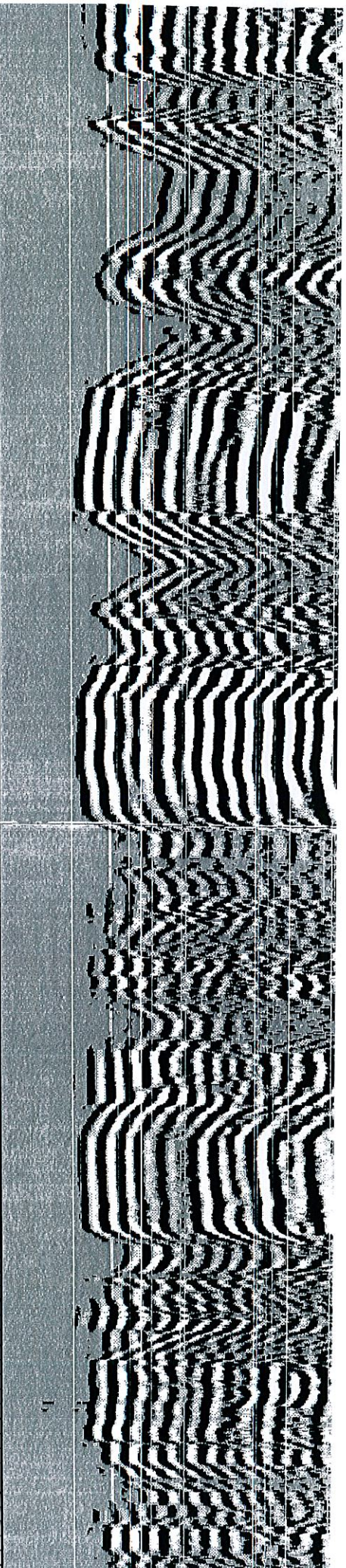
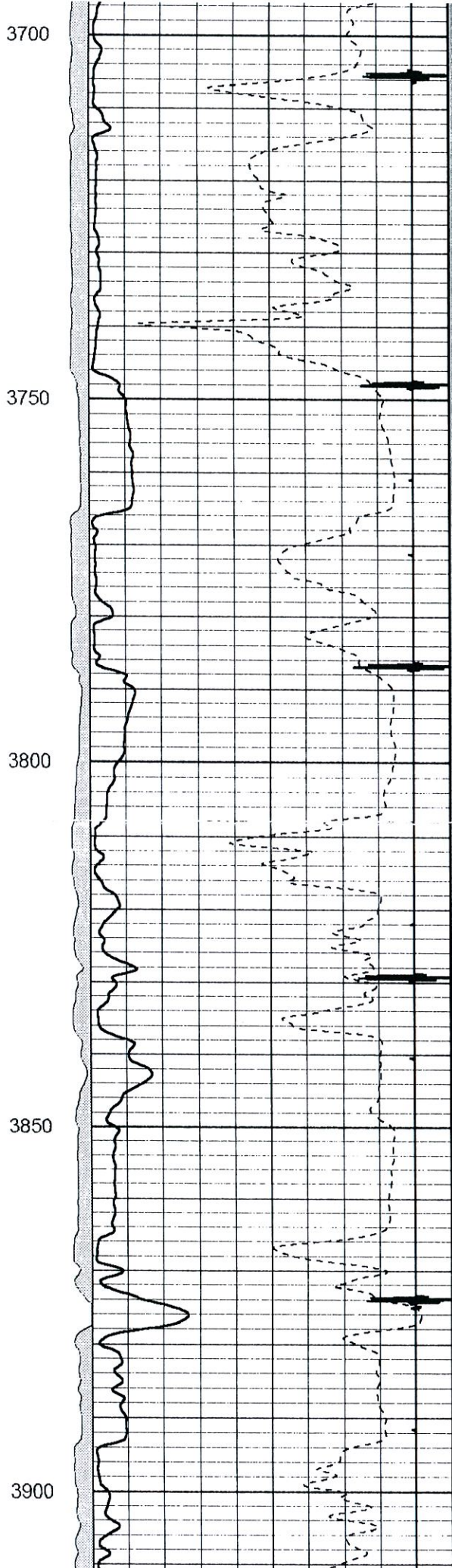
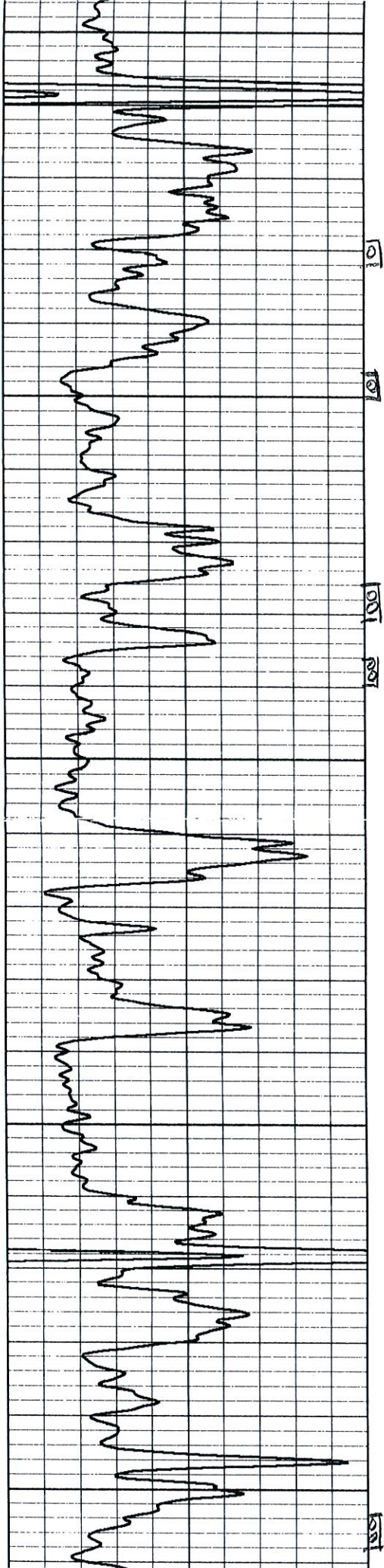
Date	APRIL 16, 2013
Run Number	ONE
Depth Driller	4030
Depth Logger	3993
Bottom Logged Interval	3992
Top Log Interval	2400
Open Hole Size	///
Type Fluid	WATER
Density / Viscosity	///
Max. Recorded Temp.	118F
Estimated Cement Top	2570
Time Well Ready	///
Time Logger on Bottom	///
Equipment Number	PT-06
Location	HAYS
Recorded By	BOB KLAUS
Witnessed By	MR. JOHN GERSTNER

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To
ONE	12.25	00	221				
TWO	7.875	221	4030				

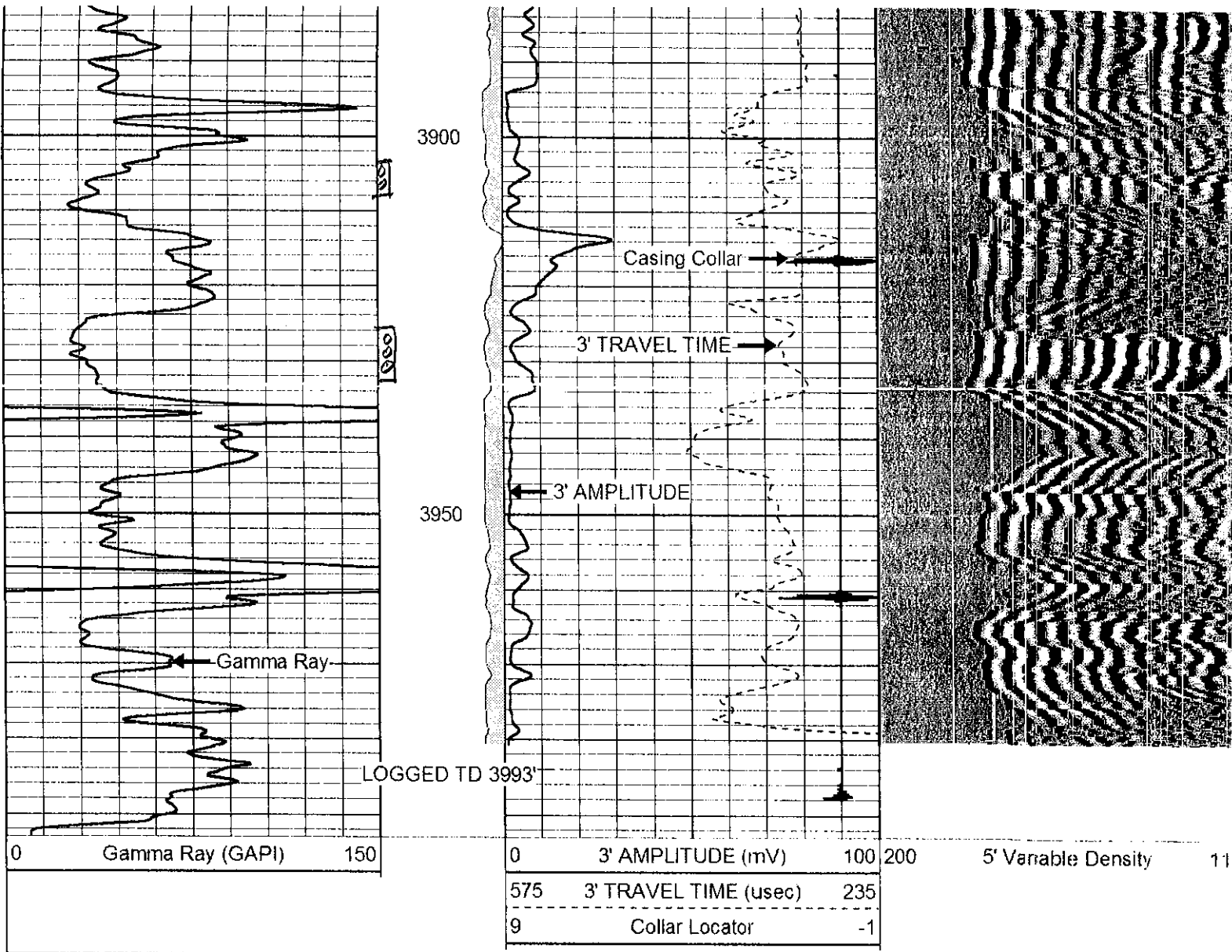
Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	8 5/8		00	221
Prot. String				
Production String	5 1/2		00	
Liner				

11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1





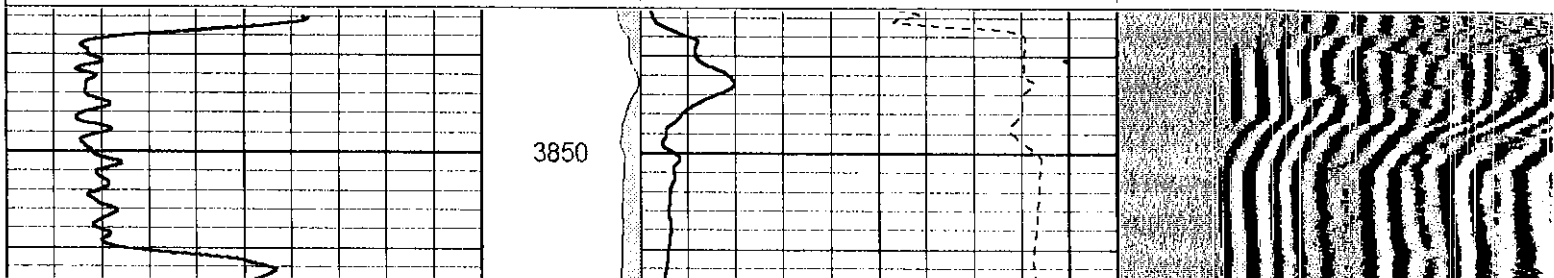
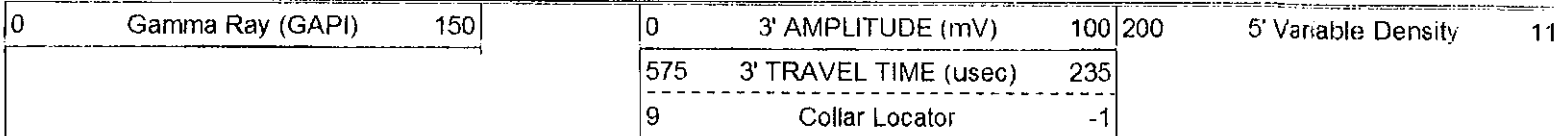




**Perf-Tech**  
Wireline Services

# REPEAT SECTION

Database File: april161306.db  
 Dataset Pathname: pass2  
 Presentation Format: 3x5  
 Dataset Creation: Tue Apr 16 09:21:45 2013 by Log SCH 111116  
 Charted by: Depth in Feet scaled 1:240



Conservation Division  
266 N. Main St., Ste. 220  
Wichita, KS 67202-1513



Phone: 316-337-6200  
Fax: 316-337-6211  
<http://kcc.ks.gov/>

Shari Feist Albrecht, Chair  
Jay Scott Emler, Commissioner  
Pat Apple, Commissioner

Sam Brownback, Governor

May 11, 2015

Kenneth Dean  
Murfin Drilling Co., Inc.  
250 N Water, Ste 300  
Wichita, KS 67202-1216

RE: Approved Commingling CO041512  
Geyer 4-35  
API No. 15-065-23916-00-00

Dear Mr. Dean:

Your Application for Commingling (ACO-4) for the above described well has been reviewed and approved by the Kansas Corporation Commission (KCC) per K.A.R. 82-3-123. Notice was examined and found to be proper per K.A.R. 82-3-135a. No protest had been filed within the 15-day protest period.

Based upon the depth of the LKC formation perforations, total oil production shall not exceed 100 BOPD and total gas production shall not exceed 50% of the absolute open flow (AOF).

Sincerely,

Rick Hestermann  
Production Department