

ORIGINAL

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: Genesis

Operator Contact Person: Larry M. Jack

Phone (316) 267-3241

Contractor: Name: Murfin Drilling Co., Inc.

License: 30606

Wellsite Geologist: Randy Kilian

Designate Type of completion  
 New Well  Re-Entry  Workover

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

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

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

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

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

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

3/26/00 4/4/00 5/ 10/00  
Spud Date Date Reached TD Completion Date

API NO. 15- 051-25,0230000

County Ellis

SW - SE - SW -    Sec. 17 Twp. 11S Rge. 19 W

150 Feet from SN (circle one) Line of Section

1490 Feet from EW (circle one) Line of Section

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

Lease Name GIINTHER-HAGEN UNIT Well # 1-17

Field Name WILDCAT

Producing Formation Arbuckle

Elevation: Ground 2000' KB 2005'

Total Depth 3695' PBTD 3262' (insert)

Amount of Surface Pipe Set and Cemented at 212 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set 1368 Feet

If Alternate II completion, cement circulated from 1368

feet depth to 1510 w/ 300 Lite    sx cmt.

Drilling Fluid Management Plan ALT 2, 6-30-00, etc.  
(Data must be collected from the Reserve Pit)

Chloride content \_\_\_\_\_ ppm Fluid volume 2500 bbls

Dewatering method used Evaporation

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 \_\_\_\_\_

Subscribed and sworn to before me this 19th day of May 2000.

Notary Public Barbara J. Dodson

Date Commission Expires 12-16-03

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) \_\_\_\_\_

 **BARBARA J. DODSON**  
NOTARY PUBLIC  
STATE OF KANSAS  
My Appt. Exp. 12-16-03

SIDE TWO

Operator name Murfin Drilling Co., Inc.

Lease Name GIINTHER-HAGEN UNIT Well # 1-17

Sec. 17 Twp. 11S Rge. 19  East  West

County Ellis

**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.Log  
 Dual Induction Log, Dual Compensated Porosity Log  
 Borehole Compensated Sonic Log, Microresistivity Log

Log Formation (Top), Depth and Datums  Sample  
 Name Top Datum  
 SEE ATTACHED

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#	212'	Common	150	3% cc 2% gel
Production	7 7/8"	5 1/2"	15.5#	3696'	ASC	235	10% salt & 2% gel

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 Cag				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

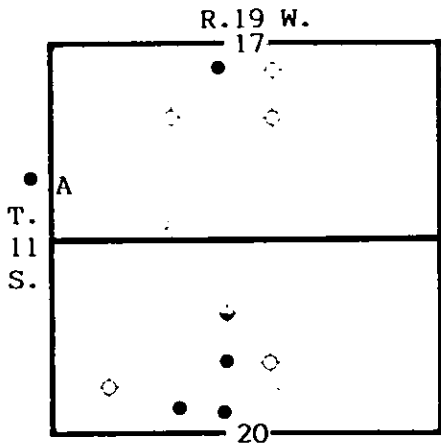
Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	3639-40		
4	3590-92		

TUBING RECORD Size 2 7/8" Set At 3571 Packer At    Liner  Yes  No

Date of First, Resumed Production, SWD or Inj.    Producing Method  Flowing  Pumping  Gas Lift  Other  
 Estimated Production Per 24 Hours Oil 15 Bbls Gas - Mcf Water 61 Bbls Gas-Oil Ratio    Gravity   

Disposition of Gas:  Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify)    Production Interval as above

# FORMATION TOPS & STRUCTURAL GEOLOGY



REFERRED TO:

- A: IOAC Vade Belle Unit #18-1  
Ap. E½ NE SE SE 18
- B: \_\_\_\_\_
- C: \_\_\_\_\_
- D: \_\_\_\_\_
- E: \_\_\_\_\_

STRATIGRAPHIC MARKERS	SUBJECT WELL			STRUCTURAL POSITION				
	SAMPLE	E. LOG	DATUM	A	B	C	D	E
Anhydrite	1354'	1352'	+ 653	+ 647				
Base	1393'	1392'	+ 613	+ 604				
Neva	2480'	2454'	- 449	- 460				
Topeka	2992'	2993'	- 988	- 994				
Heeb. Sh.	3213'	3213'	-1208	-1214				
Toronto	3231'	3232'	-1227	-1230				
Lansing	3251'	3252'	-1247	-1252				
Base Kc.	3471'	3471'	-1466	-1475				
Smp. Dolo.	3543'	3548'	-1543	-1553				
Arbuckle	3555'	3559'	-1554	-1566				
T.D.	3695'	3697'	-1692	-1684				

\*Structural position of subject well as compared to referred well.

ORIGINAL

Giinther Unit #1-17  
1490' FWL 150' FSL  
Sec. 17-T11S-R19W  
Ellis County, Kansas

**DST #1 Lansing C 3269-3296'** 30-45-60-90, Rec. 2' co, 30' socmw (3% o, 40% m, 57% w), 98' mw (rw .45 ohms @ 33° F); HP: 1570-1556; FP: 15/43 - 47/83; SIP: 700-692; BHT: 101°.

**DST #2 Lansing D, E, & F zone, 3300-3340** 30-45-60-90; Rec. 10' CO, 150 OCMW (20%oil), 300' WTR; FP: 31/164, 162/265; SIP: 414-412; HP: 1594-1579.

**DST #3 Lansing G zone, 3343-3360** 30-45-60-90; Rec. 20' CO, GO SOCMW, 120' WTR; FP: 14/56, 61/118; SIP: 587-589; HP: 1584-1580.

**DST #4 Lansing H, I, J, K & L zones, 3388-3476** 30-45-60-90, Rec. 30' M, 240' MW; FP: 19/74, 81/134; SIP: 938-902; HP: 1608-1599.

**DST #5 3550-3566 Arbuckle** 30-45-45-90; strong blow obb in 3½ min.; Rec. 100' fluid, 5' CO, 335' SOCW (2% O) 660' W (CH 28,000); FP: 91/329, 340/528; SIP: 997-996; HP: 1703-1714.

**DST #6 3574-3588 Arbuckle** 30-45-60-90; wk bl inc to 4" under surface; Rec. 330' CO, 24° gravity, 120' OCMW (10% O, 70% W, 20% M); FP: 24/122, 118/191; SIP: 1160-1153; HP: 1782-1732.

RECEIVED  
STATE CORPORATION COMMISSION  
MAY 26 2000  
CONSERVATION DIVISION  
Wichita, Kansas

ORIGINAL

15051-25023-0000

Federal Tax ID

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

SERVICE POINT: K

DATE <u>3-26-00</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION <u>10:45 pm</u>	JOB START <u>11:30 pm</u>	JOB FINISH <u>11:45 pm</u>
<u>Crumbler-Hagen</u> LEASE	WELL # <u>1-17</u>	LOCATION <u>Location N to Riverbank</u>			COUNTY <u>Ellis</u>	STATE <u>Ks</u>	
OLD OR <u>(NEW)</u> (Circle one)				<u>Zw NS</u>			

CONTRACTOR Murfin Daley #8

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 212

CASING SIZE 8 5/8 DEPTH 212

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

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

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

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

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

CEMENT LEFT IN CSG. 10-15'

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

DISPLACEMENT 12 1/4

OWNER \_\_\_\_\_

CEMENT

AMOUNT ORDERED 150 Com 3% cc 2% gel

COMMON	<u>150</u>	@	<u>6.35</u>	<u>952.50</u>
SZ MIX		@		
CHLORIDE	<u>3</u>	@	<u>9.50</u>	<u>28.50</u>
	<u>5</u>	@	<u>28.00</u>	<u>140.00</u>
		@		
		@		
		@		
		@		
		@		
HANDLING		@	<u>1.05</u>	<u>157.50</u>
MILEAGE	<u>44/5</u>	@	<u>1 MILE</u>	<u>120.00</u>
TOTAL				<u>1398.50</u>

EQUIPMENT

PUMP TRUCK CEMENTER Mage

# 345 HELPER Dave

BULK TRUCK

# 213 DRIVER Jason

BULK TRUCK

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

REMARKS:

Cement Circ

J. Hawks

CHARGE TO: Murfin Daley

STREET \_\_\_\_\_

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

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 \_\_\_\_\_

SERVICE

DEPTH OF JOB \_\_\_\_\_

PUMP TRUCK CHARGE \_\_\_\_\_ 470.00

EXTRA FOOTAGE \_\_\_\_\_ @ \_\_\_\_\_

MILEAGE 20 @ 3.00 60.00

PLUG 8 5/8 wooden @ 45.00

TOTAL 575.00

FLOAT EQUIPMENT

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

TOTAL \_\_\_\_\_

TAX \_\_\_\_\_

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

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

PRINTED NAME \_\_\_\_\_

ORIGINAL

15.051-25023-0000

Federal tax I.D.

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

SERVICE POINT:

R

DATE <u>4-4-00</u>	SEC. <u>17</u>	TWP. <u>11</u>	RANGE <u>19</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH <u>5:00pm</u>
LEASE <u>Ginther Hagen Unit</u>	WELL # <u>1-17</u>	LOCATION <u>Vocanna N to River Rd</u>			COUNTY <u>Ellis</u>	STATE <u>Ks</u>	
OLD OR NEW (Circle one)				<u>1 3/4 W NLS</u>			

CONTRACTOR Martin Dry

TYPE OF JOB Prod String

HOLE SIZE 7 7/8 T.D. 3697

CASING SIZE 5 1/2 DEPTH 3696

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL port collar DEPTH 1358

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG.

PERFS.

DISPLACEMENT 90 BBL

EQUIPMENT

345 PUMP TRUCK CEMENTER Dave

# HELPER Mark

BULK TRUCK DRIVER

BULK TRUCK DRIVER Bill

OWNER

CEMENT AMOUNT ORDERED 250 ASC

500 gal WFR-2

COMMON	@		
POZMIX	@		
GEL	@		
CHLORIDE	@		
ASC	250	@	8.20 2050.00
WFR-2	500 gal	@	1.00 500.00
		@	
		@	
HANDLING		@	1.00 262.00
MILEAGE	<u>4 1/2 SK</u>	/ MILE	<u>180.00</u>

TOTAL 3072.50

REMARKS:

plug bot hole + mouse hole

15 sk 10 sk

Cent on 1, 3, 5, 7, 9, 12, 15, 22, 83

port collar on 23 + Basket 101

Flow Hold

SERVICE

DEPTH OF JOB			
PUMP TRUCK CHARGE			<u>1000.00</u>
EXTRA FOOTAGE	@		
MILEAGE	<u>20</u>	@	<u>3.00 60.00</u>
PLUG	<u>5 sk Rubber</u>	@	<u>50.00</u>
		@	
		@	

TOTAL 1190.00

CHARGE TO: Martin Dry Co Inc

STREET \_\_\_\_\_

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

FLOAT EQUIPMENT

<u>10</u>	<u>Centrifuges</u>	<u>50.00</u>	<u>500.00</u>
<u>1</u>	<u>Basket</u>	@	<u>128.00</u>
<u>1</u>	<u>port collar</u>	@	<u>1750.00</u>
<u>1</u>	<u>Guide Shoe</u>	@	<u>150.00</u>
<u>1</u>	<u>AFU Insert</u>	@	<u>235.00</u>
<u>20</u>	<u>SCRATCHERS</u>	@	<u>45.00 900.00</u>

TOTAL 3663.00

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 [Signature]

TAX \_\_\_\_\_

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

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

PRINTED NAME

ORIGINAL

Federal Tax I.D.#

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

SERVICE POINT:  
Russell

DATE <u>4/8/00</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION <u>10:30 A.M.</u>	JOB START	JOB FINISH <u>11:45 A.M.</u>
LEASE <u>Ginther Hagen Unit</u>		WELL # <u>1-17</u>	LOCATION <u>Yocemento N. to Riverview</u>	COUNTY <u>Ellis</u>	STATE <u>KS.</u>		
OLD OR <u>(NEW)</u> (Circle one)		<u>1 1/2 W N INTO</u>					

CONTRACTOR Martin  
 TYPE OF JOB Port Collar (Circulate Cement)  
 HOLE SIZE \_\_\_\_\_ T.D. \_\_\_\_\_  
 CASING SIZE 5 1/2" DEPTH \_\_\_\_\_  
 TUBING SIZE 2 1/2" DEPTH \_\_\_\_\_  
 DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 TOOL Port Collar DEPTH 1368'  
 PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_  
 CEMENT LEFT IN CSG. \_\_\_\_\_  
 PERFS. \_\_\_\_\_  
 DISPLACEMENT \_\_\_\_\_

EQUIPMENT

PUMP TRUCK CEMENTER Paul  
 # 345 HELPER Dave  
 BULK TRUCK  
 # 254 DRIVER Jason  
 BULK TRUCK  
 # \_\_\_\_\_ DRIVER \_\_\_\_\_

OWNER \_\_\_\_\_  
 CEMENT Lite  
 AMOUNT ORDERED 300 ~~wt~~ 1/4# Flo  
 COMMON \_\_\_\_\_ @ \_\_\_\_\_  
 POZMIX \_\_\_\_\_ @ \_\_\_\_\_  
 GEL \_\_\_\_\_ @ \_\_\_\_\_  
 CHLORIDE \_\_\_\_\_ @ \_\_\_\_\_  
Lite 300 @ 6.00 1800.00  
Flowal 75# @ 1.15 86.25  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 HANDLING \_\_\_\_\_ @ 1.05 315.00  
 MILEAGE 44/5K/mile 240.00  
 TOTAL 2441.25

REMARKS:

Tool @ 1368'. Press string to 100psi.  
Held. Opened tool. Circulated cement w/  
300 lb Lite. Closed tool Press to 100psi.  
Held. Ran 5 joints upshed around tbg.  
Cement Circulated.

SERVICE

DEPTH OF JOB \_\_\_\_\_  
 PUMP TRUCK CHARGE \_\_\_\_\_ 580.00  
 EXTRA FOOTAGE \_\_\_\_\_ @ \_\_\_\_\_  
 MILEAGE 20 @ 3.00 60.00  
 PLUG \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 TOTAL 640.00

CHARGE TO: Martin  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

FLOAT EQUIPMENT

\_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 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.

TAX \_\_\_\_\_  
 TOTAL CHARGE \_\_\_\_\_  
 DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

SIGNATURE \_\_\_\_\_

Martin

PRINTED NAME