

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

API NO. 15- 023-20,3660000

County Cheyenne

157 NE of - SW -SW - NW Sec. 32 Twp. 2S Rge 41 XW ^E

2170 Feet from S(N) (circle one) Line of Section

400 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 BERTHA UNIT Well # 3-32

Field Name RAILE

Producing Formation LKC

Elevation: Ground 3689' KB 3694'

5500' PBTB 5350' CTBP

Amount of Surface Pipe Set and Cemented at 374 Feet

Multiple Stage Cementing Collar Used? Yes X No

Units shown depth set Feet

If Alternate II completion, cement circulated from

feet depth to w/ sx cmt.

Drilling Fluid Management Plan ALT 1 974 G-30-00
(Data must be collected from the Reserve Pit)

Chloride content ppm Fluid volume 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.

Operator: License # 30606

Name: Murfin Drilling Co., Inc.

Address 250 N. Water, Suite 300

City/State/Zip Wichita, KS 67202

Purchaser: GENESIS CRUDE

Operator Contact Person: Larry M. Jack

Phone (316) 267-3241

Contractor: Name: Murfin Drilling Co., Inc.

License: 30606

Wellsite Geologist: Curtis Covey

Designate Type of completion
X New Well Re-Entry Workover

x Oil SWD SLOW 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 PBTB
 Commingled Docket No.
 Dual Completion Docket No.
 Other (SWD or Inj?) Docket No.

3/23/00 4/3/00 4/19/00
Spud Date Date Reached TD Completion Date

CONSERVATION DIVISION
Wichita, Kansas
JUN 9 2000

RELEASED

JUN 07 2001

KCC

JUN 07 2001

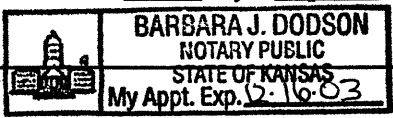
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market, Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side 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 6/7/00

Subscribed and sworn to before me this 7th day of June 2000.

Notary Public
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)

SIDE TWO

Operator name Murfin Drilling Co., Inc.

Lease Name BERTHA UNIT Well # 3-32

Sec. 32 Twp. 2 S Rge. 41 East West

County Cheyenne

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 checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	See attached	Datum
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	ANHYDRITE	3574 +120
List all E.Log	CEMENT BOND DUAL INDUCTION SONIC MICRO	TOPEKA	4352 -658
	COMPENSATED NEUTRON	OREAD	4470 -776
		LANSSING	4540 -846
		BASE KC	4866 -1172
		MARMATON	4930 -1236
		CHEROKEE SHALE	5038 -1344
		ATOKA	5070 -1476
		MORROW SAND	5308 -1614

CASING RECORD New Used MISSISSIPPI 5438 -1744

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#	374	Common	260	3% cc, 2% gel
Production	7 7/8"	5 1/2"	15.5#	5498'	Class C	250	WFR-2 } 500 gal. CP-31 } 0.3% GILSONITE 3 1/2%

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose: _ Perforate _ Protect Csg _ Plug Back TD _ Plug Off Zone	Depth Top/Btm	Type of Cement	# Sacks Used	Type and Percent Additives

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	5466-68 CIBP@5440; 5408-11 2sxs cmt. on CIBP@5350'		
4	4764-66, 4612-16 & 4602-04	1500 gals DSFE w/pen 88	4602-4766 OA

TUBING RECORD	Size 2 3/8"	Set At 4806'	Packer At 4806'	Liner <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or Inj. 5-25-00	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other
Estimated Production Per 24 Hours	Oil 23 Bbls Gas Mcf Water 14 Bbls Gas-Oil Ratio Gravity

Disposition of Gas: Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled

METHOD OF COMPLETION

Production Interval As Above

CONFIDENTIAL

ORIGINAL

Bertha Unit #3-32
2170' FNL 400' FWL
Sec. 32-2S-41W
Cheyenne County, Kansas

KCC

JUN 07 2000

CONFIDENTIAL

DST #1 Lansing A-D zone 4514-1623: weak blow building to strong off the bottom of the bucket in 1½ min. packer failed in 4 min. Coming out w/test tool. **Misrun.**

DST #2 4489-4693 Lansing A-G: IF: wk surface blow building to 4" ; FF: wk surface blow building to 2½"; REC. 80' GIP, 40' CL GO (15% G, 85% O) Grav. 27° @ 60° API, 120' SL G & MCO (5% G, 60% O, 35%M), 120' OCM (TR G, 45% O, 55%M), 120' SLOCM (TR G, 20%O, 80%M); HP: 2224-2191; SIP: 1269-1231; FP: 35/106, 113/196; BHT: 131°.

DST #3 4848-4948 Marmaton: IF: wk surface blow building to 1 ½" ; FF: no blow ; REC 70' DM ; HP: 2482-2445 ; SIP: 1473-1415 ; FP: 27/50, 51/73; BHT: 140 degrees.

RELEASED

JUN 07 2001

FROM CONFIDENTIAL

RECEIVED
STATE CORPORATION COMMISSION

JUN 9 2000

CONSERVATION DIVISION
Wichita, Kansas

ALLIED CEMENTING CO., INC. 3786

ORIGINAL

TO P.O. BOX 31
RUSSELL, KANSAS 67665

~~CONFIDENTIAL~~

SERVICE POINT:

Oaklay

DATE <u>3-24-00</u>	SEC. <u>32</u>	TWP. <u>2 S</u>	RANGE <u>41 W</u>	CALLED OUT	ON LOCATION <u>1:00 PM</u>	JOB START <u>3:30 AM</u>	JOB FINISH <u>4:15 PM</u>
LEASE <u>Bertha Unit</u>	WELL # <u>3-32</u>	LOCATION <u>St Francis 14-SN-SU-15</u>			COUNTY <u>Cherokee</u>	STATE <u>Kan</u>	
OLD OR NEW (Circle one) <u>(N)</u>				<u>14-65</u>			

CONTRACTOR <u>MucFin Dls Co #3</u>	OWNER <u>Same</u>
TYPE OF JOB <u>Surface</u>	CEMENT AMOUNT ORDERED <u>260 sks com</u>
HOLE SIZE <u>12 1/4</u> T.D. <u>374'</u>	<u>3% cc - 2% cel</u>
CASING SIZE <u>8 5/8</u> DEPTH	
TUBING SIZE DEPTH	
DRILL PIPE DEPTH	
TOOL DEPTH	
PRES. MAX MINIMUM	
MEAS. LINE SHOE JOINT	
CEMENT LEFT IN CSG. <u>15'</u>	
PERFS.	
DISPLACEMENT	

EQUIPMENT			
PUMP TRUCK CEMENTER <u>Walt</u>		COMMON <u>260 sks @ 7.55</u>	<u>1,963.00</u>
# <u>191</u> HELPER <u>Dean</u>		POZMIX @	
BULK TRUCK # <u>218</u> DRIVER <u>Louise</u>		GEL <u>5 sks @ 9.50</u>	<u>47.50</u>
BULK TRUCK # DRIVER		CHLORIDE <u>9 sks @ 28.00</u>	<u>252.00</u>
		HANDLING <u>260 sks @ 1.05</u>	<u>273.00</u>
		<u>44 per sk/mile</u>	<u>842.40</u>
		TOTAL	<u>3,377.90</u>

REMARKS:

FROM CONFIDENTIAL SERVICE

<u>Cement Dredging</u>	DEPTH OF JOB	
<u>Approx 3 BBL in pit</u>	PUMP TRUCK CHARGE	<u>470.00</u>
<u>all 4</u>	EXTRA FOOTAGE @	
	MILEAGE <u>81 miles @ 3.00</u>	<u>243.00</u>
	PLUG <u>8 5/8 Surface @</u>	<u>45.00</u>
	TOTAL	<u>758.00</u>

CHARGE TO: MucFin Dls Co, Inc
STREET _____
CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

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

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.

TOTAL _____
TAX _____
TOTAL CHARGE _____
DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE Keith VanBelt

PRINTED NAME _____

KCC
JUN 07 2001
CONFIDENTIAL

JUN 07 2001

CONFIDENTIAL

KCC

ORIGINAL

JUN 07

Federal Tax 1042 RELEASED

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

JUN 07 2001

SERVICE POINT: Oakley

DATE 4-4-00	SEC. 32	TWP. 2 S	RANGE 41 W	FROM CONFIDENTIAL	ON LOCATION 2:15 AM	JOB START	JOB FINISH 8:45 AM
LEASE Bertha unit	WELL # 3-32	LOCATION St Francis 1W-5N-5W			COUNTY Cheyenne	STATE Kan	
OLD OR NEW (Circle one)			1/2 S - 1 W - 1/4 S				

CONTRACTOR	MurFin Drls Co #3
TYPE OF JOB	Production String
HOLE SIZE	7 7/8 T.D. 5500'
CASING SIZE	5 1/2 DEPTH 5499'
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	1400# MINIMUM
MEAS. LINE	SHOE JOINT 42.92'
CEMENT LEFT IN CSG.	42.92'
PERFS.	
DISPLACEMENT	

OWNER	Same
CEMENT	
AMOUNT ORDERED	250 SKS ASC, 10% Salt
	5# per sk Gilsonite, 1/2 of 1% CD-31
	500 gal WFR-2, 20 BBL KCL
	ASC
COMMON	250 SKS @ 9.05 2,262.50
POZMIX	@
GEL	@
CHLORIDE	@
	Gilsonite - 1,250# @ 43¢ 537.50
	WFR-2 500 gal @ 1.00 500.00
	CD-31 118# @ 4.45 525.10
	Salt 23 SKS @ 7.00 161.00
	Liquid KCL 2 gal @ 22.90 45.80
HANDLING	250 SKS @ 1.05 262.50
MILEAGE	4¢ per SK/mile 810.00

EQUIPMENT

PUMP TRUCK	CEMENTER	Walt
# 191	HELPER	Dean
BULK TRUCK		
# 218	DRIVER	Max
BULK TRUCK		
#	DRIVER	

TOTAL 5104.40

REMARKS:

SERVICE

Landed Plug 2 1400#
 Float Held
 [Signature]

DEPTH OF JOB	
PUMP TRUCK CHARGE	1,080.00
EXTRA FOOTAGE	@
MILEAGE	81-miles @ 3.00 243.00
PLUG	5 1/2 Rubber Plug @ 50.00
	@
	@

TOTAL 1,373.00

CHARGE TO: MurFin Drls Co, Inc
 STREET _____
 CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

	5 1/2
Guide Shoe	@ 150.00
AFU Insect	@ 235.00
10 - Centralizers	@ 50.00 500.00
20 - rotating Scrubbers	@ 45.00 900.00
1 - Loc Ring	@ 20.00

TOTAL 1,805.00

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TAX _____
 TOTAL CHARGE _____
 DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE [Signature]

PRINTED NAME