

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

API NO. 15- 023-20354 <sup>00-00</sup>

County Cheyenne RECEIVED

C -NW - - - Sec. 32 Twp. 2S Rge 41 <sup>E</sup> <sub>X</sub> W

3960 Feet from (N) (circle one) Line of Section 4-15-98

3960 Feet from (W) (circle one) Line of Section

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

Lease Name Raile Well # 1-32

Field Name Unknown

Producing Formation LKC

Elevation: Ground 3688 KB 3693

Total Depth 5430 PBDT 4715

Amount of Surface Pipe Set and Cemented at 362 Feet

Multiple Stage Cementing Collar Used? Yes  No

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

If Alternate II completion, cement circulated from \_\_\_\_\_

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan ALT 1 JH 2-6-98  
(Data must be collected from the Reserve Pit)

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

Dewatering method used Evaporation **KCC**

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

Operator Name \_\_\_\_\_ **APR 10**

Lease Name \_\_\_\_\_ License No. \_\_\_\_\_ **CONFIDENTIAL**

\_\_\_\_\_ 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 **RELEASED**

Purchaser: Genesis Crude Oil

Operator Contact Person: Larry M. Jack **MAY 18 1999**

Phone (316) 267-3241 **5-18-99**

Contractor: Name: Murfin Drilling Co., Inc. **FROM CONFIDENTIAL**

License: 30606

Wellsite Geologist: Roger Welty

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/Re-Entry: old well info as follows:

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

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

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

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

2/13/98 2/25/98 3/20/98  
Spud Date Date Reached TD Completion Date

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 4/13/98

Subscribed and sworn to before me this 13 day of April 19 98.

Notary Public Kerran Redington  
Kerran Redington

Date Commission Expires 2/6/02



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)

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SIDE TWO

Operator name Murfin Drilling Co., Inc.

Lease Name Raile Well # 1-32

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  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

Log	Formation (Top),	Depth and Datums	Sample
	Name	Top	Datum
	Niobrara	1556' + 2137	MRW 5248' - 1555
	Stone Corral	3602' + 91	MRW SD 5330' - 1637
	B/Stone Corral	3636' + 57	MISS 5370' - 1677
	Topeka	4376' - 683	
	Oread	4492' - 799	
	LKC	4561' - 868	
	B/KC	4885' - 1192	
	Marmaton	4948' - 1255	
	Cherokee	5062' - 1369	
	Atoka	5180' - 1487	

CEMENT BOND  
PHASOR INDUCTION  
DUAL INDUCTION  
COMPENSATED NEUTRON

BOREHOLE COMPENSATED  
SONIC  
MICRO

CASING RECORD New 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#	362	Common	240	4% cc, 2% gel
Production	7 7/8"	5 1/2"	15.5#	5429	EA2	200	10% salt, 5#/sx gilsonite

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	5250		2	
<input checked="" type="checkbox"/> Plug Off Zone	4715		--	

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	5354-56 & 5333-35		
4	4760.5-62.5		
4	4730-34	500 gal. 15% MCA; 1500 gal MOD-202	4730-34

TUBING RECORD	Size <u>2 7/8</u>	Set At <u>4662</u>	Packer At	Liner <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or Inj. <u>3/27/98</u>	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 <u>20</u> Bbls Gas <u>        </u> Mcf Water <u>        </u> Trace
	Gas-Oil Ratio <u>        </u> Gravity <u>        </u>

Disposition of Gas:

METHOD OF COMPLETION

Production Interval

Vented  Sold  Used on Lease  
(If vented, submit ACO-18.)

Open Hole  Perf.  Dually Comp.  Commingled  
 Other (Specify)         

As above

ORIGINAL

CONFIDENTIAL

15-023-20354

**DST #1 Lansing A Zone 4502 - 4580, 30-45-30-45, IF: wk surface blow building to 1/2", FF: No blow. Rec: 70' M w/oil spts on top of mud. HP: 2300-2240. SIP: 1159-1117. FP: 32/42 - 47/56. BHT: 133°. Ran pipe strap - board was .58 ft. long to the strap - no correction.** APR 15 12:32

**DST #2 Lansing D Zone 4594-4645 30-45-45-60 IF: wk surface blow building to 3" FF: wk surface blow building to 1 1/2" Rec: 60' GIP 10' CGO (5% Gas 95% Oil - API Gravity 26°) 120' GOCM (10% Gas 10% Oil 80% Mud) HP: 2297-2268 SIP: 1344-1320 FP: 20/44 54/85 BHT 134°. Horner plot of shut-in #1 = 1427 PSI, shut-in #2 = 1439 PSI.**

**DST # 3 Lansing G Zone 4643-4685 30-30-30-30 IF: wk 1" blow died in 20 min. FF: no blow. Rec: 10' ocm (3% Oil 97% Mud) HP: 2356-2345 SIP: 55-44 FP: 26/42 36/37 BHT: 129°.**

**DST #4 Lansing J Zone , 4736-4773 30-45-60-90 IF: wk building to strong off the bottom of the bucket in 2 min. FF: strong blow off the bottom of the bucket in 1 1/2 min. Decreased to a surface blow in 30 min. Rec: 630' GIP, 3360' total fluid; 300' GWMCO, (10% G, 60% O, 15% W, 15% M); 600' GWMCO, (15% G, 40% O, 35% W, 10% M); 180' GOCW, (5% G, 5% O, 90% W); 2280' W, (W/ TR O), API gravity 30°. HP: 2388-2376 SI: 1501-1508 FP: 385/1213 - 1244/1496 BHT: 156°: 44,000 PPM CHL, MUD SYSTEM: 600 PPM CHL. Grind out total 13% O = 429' O, 80% W = 2697' W, 3% M = 105' M, 4% G = 129' G.**

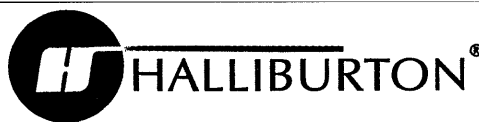
RELEASED

MAY 18 1999

FROM CONFIDENTIAL

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APR 10  
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ORIGINAL



P.O. BOX 951046  
DALLAS, TX 75295-1046  
Corporate

INVOICE

HALLIBURTON ENERGY SERVICES, INC.

INVOICE NO.	DATE
196824	02/26/19

WELL LEASE NO./PROJECT	WELL/PROJECT LOCATION	STATE	OWNER		
RAILE 1-32	CHEYENNE	KS	SAME		
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE		
HAYS	MURFIN DRILLING	SHOWN BELOW	02/26/19		
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE
614500	JOHN TURNER			COMPANY TRUCK	380

ORIGINAL

DIRECT CORRESPONDENCE TO:

MURFIN DRG CO USED FOR 11 1102 E. 8TH  
 BOX 661 HAYS KS 67601  
 COLBY, KS 6770 APPROVED ST M 913-625-3431

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REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
JOB PURPOSE - CEMENT PRODUCTION CASING					
000-117	MILEAGE CEMENTING ROUND TRIP	170	MI	3.65	620.50
		1	UNT		
001-016	CEMENTING CASING	5429	FT	2,422.00	2,422.00
		1	UNT		
030-016	CEMENTING PLUG 5W ALUM TOP	5.5	IN	66.00	66.00
		1	EA		
314-163	CLAYFIX II	2	GAL	32.65	65.30
018-317	SUPER FLUSH	10	SK	112.00	1,120.00
12A	GUIDE SHOE - 5 1/2" 8RD THD	1	EA	133.00	133.00
825.205					
24A	INSERT FLOAT VALVE - 5 1/2" 8RD	1	EA	133.00	133.00
815.19251					
27	FILL-UP UNIT 5 1/2"-6 5/8"	1	EA	87.00	87.00
815.19313					
40	CENTRALIZER-5-1/2 X 7-7/8	12	EA	70.00	840.00
806.60022					
60	WIPER-ROTO WALL-LOOPED CABLE-	18	EA	21.50	387.00
806.71202					
66	CLAMP-LIMIT-5-1/2 HINGED	1	EA	12.90	12.90
806.72030					
504-308	CEMENT - STANDARD	200	SK	12.13	2,426.00
509-968	SALT	850	LB	.18	153.00
507-775	HALAD-322	94	LB	7.70	723.80
508-127	CAL SEAL 60	9	SK	28.00	252.00
508-291	GILSONITE BULK	1000	LB	.58	580.00
500-207	BULK SERVICE CHARGE	245	CFT	1.66	406.70
500-306	MILEAGE CMTG MAT DEL OR RETURN	919.870	TMI	1.25	1,149.84
JOB PURPOSE SUBTOTAL					11,578.04

RELEASED

MAY 18 1999

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APR 10  
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\*\*\*\*\* CONTINUED ON NEXT PAGE \*\*\*\*\*

TERMS: If Customer does not have an approved open account with Halliburton, all sums due are payable in cash at the time of performance of services or delivery of equipment, products or materials. If customer has an approved open account, invoices are payable on the twentieth day after date of invoice. Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account, Customer agrees to pay attorney fees of 20% of the unpaid account, plus all collection and court costs.

# ALLIED CEMENTING CO., INC. 8749

Federal Tax I.D. ~~XXXXXXXXXX~~

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

SERVICE POINT:  
DAKLEY

**CONFIDENTIAL**

DATE <u>2-13-98</u>	SEC. <u>32</u>	TWP. <u>25</u>	RANGE <u>41 W</u>	CALLED OUT	ON LOCATION <u>8:00 PM</u>	JOB START <u>11:15 PM</u>	JOB FINISH <u>11:45 PM</u>
LEASE <u>RAZLE</u>	WELL# <u>1-32</u>	LOCATION <u>S. FRANKS 12W-52N50-94</u>			COUNTY <u>CHEYENNE</u>	STATE <u>KANSAS</u>	
OLD OR <u>(NEW)</u> (Circle one)		<u>1/2 W-5 SW 10</u>					

1998 APR 15 12:32

CONTRACTOR <u>MURFIN DRILL R-6 #3</u>	OWNER <u>SAME</u>
TYPE OF JOB <u>SURFACE</u>	
HOLE SIZE <u>12 1/4"</u>	T.D. <u>362'</u>
CASING SIZE <u>8 3/8"</u>	DEPTH <u>362'</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG. <u>15'</u>	
PERFS.	
DISPLACEMENT <u>22 3/4 BBL.</u>	
EQUIPMENT	
PUMP TRUCK CEMENTER <u>TERRY</u>	
# <u>300</u> HELPER <u>WAYNE</u>	
BULK TRUCK	
# <u>315</u> DRIVER <u>ANDREW</u>	
BULK TRUCK	
#	DRIVER

CEMENT	AMOUNT ORDERED <u>240 SKS COM 48CC 28 GEL</u>
COMMON	<u>240 SKS @ 7.55</u> <u>1,812.00</u>
POZMIX	@
GEL	<u>5 SKS @ 9.50</u> <u>47.50</u>
CHLORIDE	<u>11 SKS @ 28.00</u> <u>308.00</u>
	@
	@
	@
	@
	@
HANDLING	<u>240 SKS @ 1.05</u> <u>252.00</u>
MILEAGE	<u>4¢ per SK/mile</u> <u>777.60</u>
TOTAL <u>3,197.10</u>	

**ORIGINAL**

RELEASED  
MAY 18 1999

FROM CONFIDENTIAL

REMARKS: SERVICE

DEPTH OF JOB <u>362'</u>	
PUMP TRUCK CHARGE	<u>470.00</u>
EXTRA FOOTAGE <u>62'</u>	@ <u>4.34</u> <u>26.86</u>
MILEAGE <u>81 miles</u>	@ <u>2.85</u> <u>230.85</u>
PLUG <u>8 3/8 SURFACE</u>	@ <u>45.00</u>
	@
	@
TOTAL <u>772.51</u>	

CHARGE TO: MURFIN DRILL CO.  
STREET 250 N. Water # 300  
CITY Wichita STATE Kansas ZIP 67202

FLOAT EQUIPMENT	
	@
	@
	@
	@
	@
TOTAL _____	

**KCC**  
**APR 10**  
**CONFIDENTIAL**

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.

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

SIGNATURE Kurt VanSant

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