

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

ORIGINAL

Operator: License # 5815

Name: C & R DRILLING CO.

Address: 4901 E. Dry Creek Rd. #270
Littleton, CO 80122

City/State/Zip _____

Purchaser: --

Operator Contact Person: Les Olsen

Phone (303) 623-6144

Contractor: Name: ALLEN DRILLING COMPANY

License: 5418

Wellsite Geologist: _____

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: N/A

Well Name: _____

Comp. Date _____ Old Total Depth _____

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

4/03/92 4/11/92 4/11/92
Spud Date Date Reached TD Completion Date

API NO. 15- 165-21,605-0000

County Rush

App - SW - SE - NW Sec. 33 Twp. 16 Rng. 19 E

2780 Feet from S/W (circle one) Line of Section

3730 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 GRABBE Well # 2

Field Name _____

Producing Formation D & A

Elevation: Ground 2043 KB 2048

Total Depth 3900 PSTD --

Amount of Surface Pipe Set and Cemented at 351 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/ _____ ex cat.

Drilling Fluid Management Plan AI-Z DVO
(Data must be collected from the Reserve Pit)

Chloride content 49,000 ppm Fluid volume 400 bbls

Dewatering method used Hauled

Location of fluid disposal if hauled offsite: D-26,406
Littler #5 1920FSL,1450FEL 32-16-19W

Operator Name C and R Drilling Co.

Lease Name Littler #5 License No. 5815

SE Quarter Sec. 32 Twp. 16 Rng. 19 E/W

County Rush Docket No. D-26,406

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, 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 Leslie Olson

Title Vice President Date 4/28/92

Subscribed and sworn to before me this 28 day of April, 19 92.

Notary Public Leslie Olson
LESLIE OLSON
Notary Public, State of Colorado

Date Commission Expires _____
County of Arapahoe
My Commission Expires July 18, 1994

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
 KCC SWD/Rep NSP
 KGS Plug Other
(Specify)
Wichita, Kansas

WALLBURTON SERVICES
JOB LOG

WELL NO. LEASE Grady TICKET NO. 10301
 CUSTOMER Clark D. ORIGINAL PAGE NO. 1
 JOB TYPE PTA DATE 4-11-92

ORM 2013 R-2

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	03:00					DP		Called out
	04:00							Spot + Set up Equip. Pk. 100 Rigging Down DP
								Hook up to DPC 1310'
	04:14					100		Start Mix C. 1 - 50% 60-40% 7/16" 6.1
	04:50					50		Finish Mix C. 1 D. pl
	04:14					100		Start Mix C. 1 - 50% 60-40% 7/16" 6.1
	04:50					100		Finish Mix C. 1 - 50% 60-40% 7/16" 6.1
	04:50					100		D. pl
	04:50							Start Mix C. 1 - 50% 60-40% 7/16" 6.1
	04:50							Finish Mix C. 1 - 50% 60-40% 7/16" 6.1
	04:50							D. pl
	04:50							Pump 15% Cont Down Ret Hole
	06:00							Pump 10% Cont Down 8 5/8" Sur. 0
	06:11							Well Plugged Job Complete Thank you John Coleman

Operator: [Signature]
 A.L.M.: [Signature]
 D.A.: [Signature]

RECEIVED
 STATE CORPORATION COMMISSION
 MAY 4 1992
 CONSERVATION DIVISION
 Wichita, Kansas

CUSTOMER

TRICT Paulk

DATE 4-3-82

HALLIBURTON SERVICES YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE THE SAME AS AN INDEPENDENT CONTRACTOR TO: Allen Dally (CUSTOMER) AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO. #2 LEASE Gabbie SEC. 33 TWP. 16 RANGE 19

LD _____ COUNTY Paulk STATE Ks OWNED BY Allen Dally

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

Table with columns: INFORMATION, MEASURE, TYPE, FROM, TO, NEW USED, WEIGHT, SIZE, FROM, TO, MAX. ALLOW. P.S.I., PERFORATIONS, SHOTS/FT.

EVIDIOUS TREATMENT: DATE _____ TYPE _____ MATERIALS _____

EQUIPMENT INSTRUCTIONS: TREAT THRU TUBING ANNULUS CASING TUBING/ANNULUS HYDRAULIC HORSEPOWER ORDERED _____

CUSTOMER OR HIS AGENT WARRANTS THE WELL IS IN PROPER CONDITION TO RECEIVE THE PRODUCTS, SUPPLIES, MATERIALS, AND SERVICES

As consideration, the above-named Customer agrees THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED

- 1) To pay Halliburton in accord with the rates and terms stated in Halliburton's current price list. Invoices are payable NET by the 20th of the following month after date of invoice.
2) To defend, indemnify and hold harmless Halliburton, its divisions, subsidiaries, parent and affiliated companies and the officers, directors, employees, agents and servants of all of them from and against any claims, liability, expenses, attorneys fees, and costs of defense to the extent permitted by law
3) To warrant, formotion or well loss or damage, but not limited to, surface and subsurface damage. The term well owner shall include working and royalty interest owners
4) To indemnify or defend property damage (excluding but not limited to, damage to the reservoir, formation or well), or any damages whatsoever, growing out of or in any way connected with or resulting from pollution, subsidence, or other loss of control of the well and/or a well blowout or the use of radioactive material
5) That Halliburton shall not be liable for any claims, liability, expenses, attorneys fees, and costs of defense to the extent permitted by law for and Customer shall indemnify Halliburton against any damages arising from the use of such information
6) That Halliburton shall not be liable for any claims, liability, expenses, attorneys fees, and costs of defense to the extent permitted by law for and Customer shall indemnify Halliburton against any damages arising from the use of such information
7) That Halliburton shall not be liable for any claims, liability, expenses, attorneys fees, and costs of defense to the extent permitted by law for and Customer shall indemnify Halliburton against any damages arising from the use of such information
8) To waive the provisions of the Deceptive Trade Practices - Consumer Protection Act, to the extent permitted by law.
9) That this contract shall be governed by the law of the state where services are performed or materials are furnished
10) That Halliburton shall not be bound by any changes or modifications in this contract, except where such change or modification is made in writing by a duly authorized executive officer of Halliburton

I HAVE READ AND UNDERSTAND THIS CONTRACT AND I REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT.

SIGNED Allen Dally DATE 4-3-82 TIME 2:00 A.M. B.M.

RECEIVED STATE COMMISSION CONSUMER PROTECTION DIVISION MAY 1992 WICHITA, KANSAS

certify that the Fair Labor Standards Act of 1938, as amended, has been complied with in the production of goods and/or with respect to services furnished under this contract.

CUSTOMER

JOB SUMMARY

HALLIBURTON DIVISION OKlahoma city, OK

HALLIBURTON LOCATION Heppets

ORIGINAL

BILLED ON TICKET NO. 170501

WELL DATA

LD _____ SEC. 13 TWP. 16 RNG. 19 COUNTY Okfuskee STATE OK

FORMATION NAME _____ TYPE _____

FORMATION THICKNESS _____ FROM _____ TO _____

FORMATION PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD

ESSENT PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD

COMPLETION DATE _____ MUD TYPE _____ MUD WT. _____

DRILLER TYPE _____ SET AT _____

FORMATION HOLE TEMP. _____ PRESSURE _____

LOG DATA _____ TOTAL DEPTH 320

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING			<u>3 1/2</u>	<u>KB</u>	<u>304</u>	
LINER						
TUBING						
OPEN HOLE				<u>342</u>	<u>350</u>	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
SOOT COLLAR		
SOOT SHOE		
DRILL SHOE		
STABILIZERS		
FORMATION PLUG		
PIPE PLUG <u>1 1/2</u>	<u>1</u>	<u>Ward</u>
WALD		
DRILLER		
DRILLER		

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>4-2-92</u> TIME <u>1500</u>	DATE <u>4-2-92</u> TIME <u>1900</u>	DATE <u>4-3-92</u> TIME <u>0800</u>	DATE <u>4-7-92</u> TIME <u>1100</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>1702018</u>	<u>20112</u>	<u>Heppets</u>
<u>A. J. ...</u>	<u>BK</u>	<u>Heppets</u>
<u>D. ...</u>	<u>0520</u>	<u>Heppets</u>

MATERIALS

EAT. FLUID _____ DENSITY _____ LB/GAL. API _____

WATER FLUID _____ DENSITY _____ LB/GAL. API _____

OP. TYPE _____ SIZE _____ LB.

OP. TYPE _____ SIZE _____ LB.

ID TYPE _____ GAL. _____ %

ID TYPE _____ GAL. _____ %

ID TYPE _____ GAL. _____ %

REFRACTANT TYPE _____ GAL. _____ IN.

AGENT TYPE _____ GAL. _____ IN.

WATER LOSS ADD. TYPE _____ GAL. LB. _____ IN.

WATER LOSS AGENT TYPE _____ GAL. LB. _____ IN.

WATER RED. AGENT TYPE _____ GAL. LB. _____ IN.

WATER LACKER TYPE _____ GAL. LB. _____ IN.

WATER STOPPING AGENT TYPE _____ GAL. LB. _____ IN.

WATER STOPPING BALLS TYPE _____ QTY. _____

DRILLER _____

DRILLER _____

DEPARTMENT 2/10/92

DESCRIPTION OF JOB Set 2 1/2" surface / 2200 lbs cement
14" hole type

JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN.

CUSTOMER REPRESENTATIVE X

HALLIBURTON OPERATOR 1702018 COPIES REQUESTED 0

CEMENT DATA

STAGE	NUMBER OF BAGS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU. FT./BK.	MIXED LBS./GAL.
	<u>270</u>	<u>60 4000</u>	<u>Port</u>	<u>1</u>	<u>1702018 type</u>	<u>1.77</u>	<u>14.2</u>

PRESSURES IN PSI	SUMMARY	VOLUMES
<p>REGULATING _____ DISPLACEMENT _____</p> <p>WEAR DOWN _____ MAXIMUM _____</p> <p>PERFORMANCE _____ FRACTURE GRADIENT _____</p> <p>CUT-IN INSTANT _____ 5-MIN. _____ 15-MIN. _____</p> <p>HYDRAULIC HORSEPOWER _____</p> <p>ORDERED _____ AVAILABLE _____ USED _____</p> <p>AVERAGE RATES IN BPM _____</p> <p>HEATING _____ DISPL. _____ OVERALL _____</p> <p>CEMENT LEFT IN PIPE _____</p> <p>REASON <u>20'</u> _____</p>	<p>PRESLUSH: BBL-GAL. _____ TYPE _____</p> <p>LOAD & BKDN: BBL-GAL. _____ PAD: BBL-GAL. _____</p> <p>TREATMENT: BBL-GAL. _____ DISPL: BBL-GAL. <u>71.5</u></p> <p>CEMENT SLURRY: BBL-GAL. <u>14 1/2</u></p> <p>TOTAL VOLUME: BBL-GAL. _____</p>	<p>REMARKS</p> <p><u>Chart</u></p> <p><u>Heppets</u></p> <p><u>All</u></p>

RECEIVED
STATE CORPORATION COMMISSION
MAY 4 1992
CONSERVATION DIVISION
Wichita, Kansas

CUSTOMER 11-01
LEASE 15000
WELL NO. 42
JOB TYPE 17
DATE 5/1/92

HALLIBURTON SERVICES JOB LOG

WELL NO. _____ LEASE _____ TICKET NO. 170201

CUSTOMER Allen Oalg PAGE NO. 1

ORM 2013 R-2

JOB TYPE 8 1/2" Surface Casing DATE 4-3-92

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
1	1800							Callout out
	1950							on loc of Sp. of hole 22' 60" 4 1/2" 2 1/2" cc, cutting 2 1/2" 2 1/2"
	2000							Run drilling
	2030							Hole cut 350' 12 1/4"
	2045							Start out of Hole of OP + Bit out of Hole of Bit
	2130							Start 2 1/8" 2 1/2" cc
	2135							Run one method cut of mud log
								200' start with 220' 60" 4 1/2" 2 1/2" cc
		5	49.79					300' Fine mud, Release Plug
	1000	5						300' start P.O.P.
	1004							500' Fine Plug. Plug down.
								c.a. 25 sks cut to P.O.P.
								Job comp.
	1010							washer 2 1/2"

THANKS
 Allow # 86101
 ALAN # 38086
 Dave # 1609

RECEIVED
 E. COMPTON DIVISION COMMISSION
 MAY 4 1992
 DIVISION
 Wichita, Kansas

CUSTOMER

M 1908 R-11

LL NO. - FARM OR LEASE NAME 3 GAABBE		COUNTY Rush	STATE Ks	CITY / OFFSHORE LOCATION	DATE 4-3-92
URGE TO Allow Only		OWNER S N M P		TICKET TYPE (CHECK ONE) SERVICE <input checked="" type="checkbox"/> SALES <input type="checkbox"/>	NITROGEN JOB YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
ADDRESS		CONTRACTOR Allow Only		LOCATION Wells Ks	CODE 22225
V. STATE, ZIP		FREIGHT CHARGES SHIPPED VIA <input type="checkbox"/> PPD <input type="checkbox"/> COLLECT		LOCATION 2	CODE
LL TYPE 21	WELL CATEGORY 01	WELL PERMIT NO.	DELIVERED TO S.W. L. Beckwith Ks	LOCATION 3	CODE
E AND PURPOSE OF JOB 1/0		ORDER NO. B-942242	REFERRAL LOCATION		

As consideration, the above-named Customer agrees to pay Halliburton in accordance with the rates and terms stated in Halliburton's current price lists. Invoices payable NET by the 20th of the following month after date of invoice. Upon Customer's default in payment of Customer's account by the last day of the month following the month in which the invoice is dated, Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event it becomes necessary to employ an attorney to enforce collection of said account, Customer agrees to pay all collection costs and attorney fees in the amount of 20% of the amount of the unpaid account. These terms and conditions shall be governed by the law of the state whose services are performed or equipment or materials are furnished.

Halliburton warrants only title to the goods sold hereunder and that the goods are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED OF MERCHANTABILITY FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE WHICH EXTEND BEYOND THOSE LIMITED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's liability and customer's exclusive remedy in any cause of action (whether in contract, tort, product liability, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on their return to Halliburton or, at its discretion, to the allowance to the customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, punitive or consequential damages.

PRICE REFERENCE	SECONDARY REF OR PART NO.	L O C	ACCOUNT	DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT
					QTY	MEAS	QTY	MEAS		
00-117		1		MILEAGE 3472	23	m.			2.57	59.01
01-016		1		Pump Service	350	ft			0.55	192.50
230-523		1		Plug.	1	EA	1/8 in		90.00	90.00

NOT THIS IS AN INVOICE

AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO. **B-942242**

5 JOB SATISFACTORILY COMPLETED? _____

5 OPERATION OF EQUIPMENT SATISFACTORY? _____

5 PERFORMANCE OF PERSONNEL SATISFACTORY? _____

DAVE DREILING
CUSTOMER OR HIS AGENT (PLEASE PRINT)

[Signature]
CUSTOMER OR HIS AGENT (SIGNATURE)

WE CERTIFY THAT THE FAIR LABOR STANDARDS ACT OF 1938, AS AMENDED HAS BEEN COMPLIED WITH IN THE PRODUCTION OF GOODS AND OR WITH RESPECT TO SERVICES FURNISHED UNDER THIS CONTRACT.

A. J. Wood
HALLIBURTON OPERATOR

HALLIBURTON APPROVAL _____

CUSTOMER

STATE OF KANSAS RECEIVED
MAY 4 1992
COMMERCIAL TAXATION COMMISSION
APPLICABLE TAXES WILL BE ADDED ON INVOICE.
DIVISION
Topeka, Kansas