

RECEIVED

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
September 1999  
Form Must Be Typed

SEP 19 2001  
9-19-01  
KCC WICHITA

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 32429  
 Name: CRAWFORD OIL & GAS  
 Address: P.O. BOX 51  
 City/State/Zip: COLDWATER, KANSAS 67029  
 Purchaser: POST ROCK GAS, LC.  
 Operator Contact Person: C. M. CRAWFORD  
 Phone: (.620) 582-2612  
 Contractor: Name: JEBCO DRILLING  
 License: 32837  
 Wellsite Geologist: LOUIS BIRD  
 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: \_\_\_\_\_  
 Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_  
 Deepening  Re-perf.  Conv. to Enhr./SWD  
 Plug Back \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_  
 Commingled \_\_\_\_\_ Docket No. \_\_\_\_\_  
 Dual Completion \_\_\_\_\_ Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?) \_\_\_\_\_ Docket No. \_\_\_\_\_  

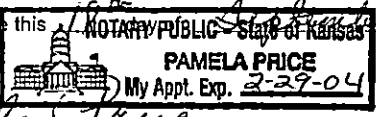
<u>5-26-01</u>	<u>6-10-01</u>	<u>6-11-01</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 033-21177-0000  
 County: COMANCHE  
SW SE 4 Sec. 31 Twp. 33 S. R. 19  East  West  
660 feet from S / N (circle one) Line of Section  
1980 feet from E / W (circle one) Line of Section  
 Footages Calculated from Nearest Outside Section Corner:  
 (circle one) NE SE NW SW  
 Lease Name: GIRK TRUST Well #: 3  
 Field Name: COLLIER FLATES  
 Producing Formation: SWOPE  
 Elevation: Ground: 1840 Kelly Bushing: 1848  
 Total Depth: 5350 Plug Back Total Depth: 5297  
 Amount of Surface Pipe Set and Cemented at 642 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 8/24 12/31/02  
 (Data must be collected from the Reserve Pit)  
 Chloride content 9000 ppm Fluid volume 1200 bbls  
 Dewatering method used HAULED OFF  
 Location of fluid disposal if hauled offsite: \_\_\_\_\_  
 Operator Name: GORDON KEAN  
 Lease Name: HARMON SWD License No.: 5993  
 Quarter \_\_\_\_\_ Sec. 11 Twp. 33 S. R. 20  East  West  
 County: COMANCHE Docket No.: 22304

**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 of 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: [Signature]  
 Title: President Date: 9-18-01  
 Subscribed and sworn to before me this 19th day of September, 2001.  
 Notary Public: Pamela Price  
 Date Commission Expires: Feb. 29, 2004



**KCC Office Use ONLY**

Letter of Confidentiality Attached  
 If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

RECEIVED

SEP 19 2001  
9-19-01  
KCC WICHITA

Side Two

ORIGINAL

Operator Name: CRAWFORD OIL & GAS Lease Name: GIRK TRUST Well #: 3  
Sec. 31 Twp. 33 S. R. 19  East  West County: COMANCHE

**INSTRUCTIONS:** Show important tops and base 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. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

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. Logs Run:

DUAL INDUCTION   
DUAL COMP. POROSITY   
SONIC CEMENT BOND

Log Formation (Top), Depth and Datum  Sample  
Name Top Datum  
HEEBNER 4236  
LANSING 4402  
STARK SHALE 4810  
SWOPE 4859  
HUSHPUCKNEE 4867  
PAWNEE 5060  
FORT SCOTT 5092  
CHEROKEE SHALE 5100  
MISSISSIPPI 5226

CASING RECORD <input 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
CONDUCTER		20"		40'	GROUT		
SURFACE	12 1/4"	8 5/8"	24#	642'	HCL40/60po	325	POLYFLAKE
PRODUCTION	7 7/8	4 1/2"	10.5#	5400'	A-CON	115	5#gil5%fla-322

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing				
___ Plug Back TD				
___ 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	4827-32	1000 GAL 15%HCL 1000GAL ACID CONV	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8	4842	NA	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enh r.	Producing Method			
6-22-01	<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.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity
	20	100	3	

Disposition of Gas  Vented  Sold  Used on Lease (If vented, Sumit ACO-18.)  
METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled  
Production Interval  Other (Specify)

SALES ORDER

RECEIVED

ORIGINAL



SEP 19 2001

Halliburton Energy Services, Inc.

KCC WICHITA

Sales Order Number: 1316988

Sales Order Date: May 26, 2001

<p><b>SOLD TO:</b>                  CRAWFORD OIL &amp; GAS INC                  PO BOX 51                  COLDWATER KS 67029                  USA</p>	<p><b>Ticket Type:</b> Services  <b>Well/Rig Name:</b> CRAV/FORD O&amp;G GERK #3, COMANCHE  <b>Company Code:</b> 1100  <b>Customer P.O. No.:</b> N/A  <b>Shipping Point:</b> Liberal, KS, USA  <b>Sales Office:</b> Mid-Continent BD  <b>Well Type:</b> Oil  <b>Well Category:</b> Development  <b>Service Location:</b> 0037  <b>Payment Terms:</b> Net due in 20 days</p>
<p><b>SHIP TO:</b>                  CRAWFORD O&amp;G GERK #1, COMANCHE                  GERK                  PROTECTION KS 67127                  USA</p>	<p><i>RM</i></p>

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
7521	CEMENT SURFACE CASING - BOM	1	JOB					
	11010							
1	MILEAGE FROM NEAREST HES BASE,/UNIT	140	MI					
	000-117 Number of Units	1	unit					
2	MILEAGE FOR CEMENTING CREW,ZI	140	MI					
	000-119 Number of Units	1	unit					
16091	CSG PUMPING,(0-4 HRS,ZI	1	EA					
	001-016 DEPTH	685						
	FEET/METRES (FT/M)	FT						
132	PORTABLE DAS,/DAY/JOB,ZI	1	JOB					
	045-030 NUMBER OF DAYS	1	Days					
141	RCM II WADC,/JOB,ZI	1	JOB					
	000-105							

INVOICE

RECEIVED

Continuation

ORIGINAL



HALLIBURTON®

Remit to: P.O. Box 951046, Dallas, TX 75395-1046

SEP 19 2001

Invoice Date: May 29, 2001

KCC WICHITA

Invoice Number: 90963511

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
53	1" PIPE FOR CEMENTING TOP OUTS 019-200	29	EA		1.50			
	NUMBER OF DAYS	1.00						
	Total							
	Sales Tax - State							
	Sales Tax - County							
	Sales Tax - City/Loc							
	INVOICE TOTAL							

Payment Terms:

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



ORIGINAL

FIELD ORDER 03693

INVOICE NO.	Subject to Correction		
Date 6-11-01	Lease Link Trust	Well # 3	Legal 31-335-19w
Customer ID	County Comanche	State KS	Station Pratt KS
CHARGE Western Plains Oil & Gas Energy	Depth	Formation	Shoe Joint 43'
	Casing 4 1/2 10.5" ID	Casing Depth 3349'	TD 3350'
	Customer Representative Mark Pennick	Treater D. Scott	Job Type Longstring New Well

AFE Number \_\_\_\_\_ PO Number \_\_\_\_\_ Materials Received by **X Mark Pennick**

Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D200	115 sks	A-Con Cmt Blend				
C310	216 lbs	Calcium Chloride				
C196	581 lbs	FLA-322				
C243	12 lbs	Defoamer				
C313	87 lbs	Gas Block				
C322	575 lbs	Gilsonite				
C302	500 gal	mud flush				
C141	5 gal	CC-1				
F100	6 ea	Centratizers 4 1/2"				
F150	1 ea	h.D. Plug & Battle "				
F180	1 ea	Float Shoe 4 1/2"				
R701	1 ea	Cmt Head Rental "				
E107	115 sks	Cmt Serv Charge				
E100	1 ea	UNITS 1 way MILES 75				
E104	406 tm	TONS 1 way MILES 75				
R211	1 ea	EA. 5350' PUMP CHARGE				
Discounted Price = 5888.00						

As consideration, the Customer agrees:

a) To pay ACID SERVICES, LLC in accord with the rates and terms stated in ACID SERVICES, LLC's current price list. Invoices are payable NET 30 after date of invoice. Upon Customer's default 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 attorneys to enforce collection of said account, Customer agrees to pay all collection cost and attorney fees in the amount of the unpaid account.

b) To defend, indemnify, release and hold harmless ACID SERVICES, LLC, 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, attorney's fees, and costs of defense to the extent permitted by law for:

1. Damage to property owned by, in the possession of, or leased by Customer, and/or the well owner (if different from Customer), including, but not limited to, surface and subsurface damage. The term "well owner" shall include working and royalty interest owners.
2. Reservoir, formation, or well loss or damage, subsurface trespass or any action in the nature thereof.
3. Personal injury or death or property damage (including, 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, subsurface pressure, losing control of the well and/or a well blowout or the use of radioactive material. The amount of this invoice is due and payable at ACID SERVICES, LLC, Dept. No. 1131, Tulsa, Oklahoma 74182. All terms of the Service Order with customer are incorporated herein and made a part hereof by reference.

The defense, indemnity, release and hold harmless obligations of Customer provided for in this Section b) and Section c) below shall apply to claims or liability even if caused or contributed to by ACID SERVICES, LLC's negligence, strict liability, or operated, or furnished by ACID SERVICES, LLC or any defect in the data, products, supplies, materials, or equipment of ACID SERVICES, LLC whether the preparation, design, manufacture, distribution, or marketing thereof, or from a failure to warn any person of such defect. Such defense, indemnity, release and hold harmless obligations of Customer shall not apply where the claims or liability are caused by the gross negligence or willful misconduct of ACID SERVICES, LLC. The term "ACID SERVICES, LLC" as used in said Sections b) and c) shall mean ACID SERVICES, LLC, its divisions, subsidiaries, parent and affiliated companies, and the officers, directors, employees, agents and servants of all of them.

c) That because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, ACID SERVICES, LLC is unable to guarantee the effectiveness of the products, supplies, or materials, nor the results of any treatment or service, nor the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by ACID SERVICES, LLC. ACID SERVICES, LLC personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that ACID SERVICES, LLC shall not be liable for and Customer shall indemnify ACID SERVICES, LLC against any damages from the use of such information.

d) That ACID SERVICES, LLC warrants only title to the products, supplies, and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Acid Services LLC's liability and Customer's exclusive remedy in and cause of action (whether in contract, tort, 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 ACID SERVICES, LLC or, at ACID SERVICES, LLC's option, to the allowance to the Customer of credit for the cost of such items. In no event shall ACID SERVICES, LLC be liable for special, incidental, indirect, punitive or consequential damages.

e) To waive the provisions of the Deceptive Trade Practices - Consumer Protection Act, to the extent permitted by law. 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 service furnished under this contract.

f) That this contract shall be governed by the law of the state where services are performed or materials are furnished.

g) That ACID SERVICES, LLC 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 manager of ACID SERVICES, LLC.



RECEIVED

SEP 19 2001

WICHITA

ORIGINAL

TREATMENT REPORT

03438

Field Order # 03693	Station Pratt HS	Casing 4 1/2	Depth	County Bmanche	State KS
Type Job 4 1/2 long string New well	Formation	Legal Description 31-335-19w			

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 4 1/2	Tubing Size	Shots/Ft		Acid 113 sks A-Con		RATE	PRESS 2500	ISIP
Depth 330.6	Depth PRTD	From	To	Pre Pad 3 7/8" 1 3/8" FLA-32	Max			5 Min.
Volume 84.3	Volume	From	To	Pad 1.75 Gas Block 2% O.C.	Min			10 Min.
Max Press 2500	Max Press	From	To	Frac 1 1/2" D-Air	Avg			15 Min.
Well Connection	Annulus Vol.	From	To	1.80" 13.500g 365	HHP Used			Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush 2 9/16" 28" KCL 12 M.F.	Gas Volume			Total Load

Customer Representative Mark Pennick	Station Manager D. Autry	Treater D. Scott
---	-----------------------------	---------------------

Service Units	156	23	38	72					
---------------	-----	----	----	----	--	--	--	--	--

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
0200					On hoc w/Trks Safety mtg F.S. a Battle on S.J. Pent
					Break Circ w/60 Jts In
					Asgn on Bottom Drop Balla Circ w/Rig
1247	400		24	5	St 2% KCL Flush
1252	400		12	5	St mud Flush
1257	400		5	5	H2O Spacer
1304	400		36.8	6.5	Mix Pump Cmt @ 13.500g 113 sks
1315	6		10	5	Close In & wash Pump & line
1318	100			7.5	Release Plug & St Disp w/2% KCL
1328	400			7.0	Lifting Cmt 68 Bbls Out
1334	1500		84.3	6	Plug Down & psi Test Asg
1336	6				Release psi Held
					Good Circ During Job
1400			5.5		Plug R.H. w/16 sks 60/40 poz
					Job Complete
					Thank you Scotty