

ORIGINAL

SIDE ONE

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

API NO. 15-051-24,639-00-08
County Ellis
NW SE SW Sec. 27 Twp. 14 Rge. 18 East West
890 Ft. North from Southeast Corner of Section
3630 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)
Lease Name Mary Engel Well # 3
Field Name Engel
Producing Formation None
Elevation: Ground 2064 KB 2068
Total Depth 3670 PBTD

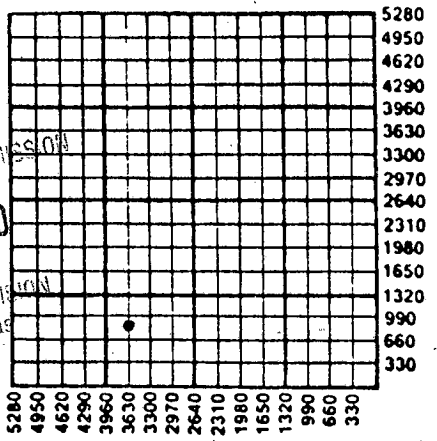
Operator: License # 6214
Name: Big Creek Oil, Inc.
Address HC 32 - Box 132
Hays, Kansas
City/State/Zip 67601
Purchaser: None
Operator Contact Person: Edwrad P. Leiker
Phone (913) 625-5310

Contractor: Name: Tri-United, Inc.
License: 3194
Wellsite Geologist: Edward P. Leiker

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp. Abd.
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply, etc.)

If OMMO: old well info as follows:
Operator:
Well Name:
Comp. Date Old Total Depth
Drilling Method:
 Mud Rotary Air Rotary Cable
4-4-1990 4-13-1990 4-13-1990
Spud Date Date Reached TD Completion Date

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STATE CORPORATION COMMISSION
MAY 25 1990
05-25-90
CONSERVATION DIVISION
Wichita, Kansas



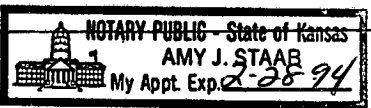
ALT II
D&A

Amount of Surface Pipe Set and Cemented at 250 Feet
Multiple Stage Cementing Collar Used? No Yes No
If yes, show depth set Feet
If Alternate II completion, cement circulated from feet depth to w/ sx cmt.

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 drillers time log 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. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 Edward P. Leiker Pres
Title Pres Date 5-18-1990
Subscribed and sworn to before me this 18th day of May 1990.
Notary Public
Date Commission Expires



K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
 Drillers Timelog Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify)

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JUN 8 1990
CONSERVATION DIVISION
Wichita, Kansas

ORIGINAL

SIDE TWO

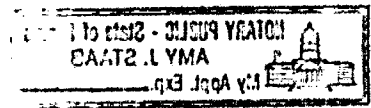
Operator Name Big Creek Oil Inc Lease Name MARY ENGEL Well # 3
Sec. 27 Twp. 14 Rge. 18 East West
County ELLIS

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 (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Formation Description <input type="checkbox"/> Log <input checked="" type="checkbox"/> Sample <table border="1"> <thead> <tr> <th>Name</th> <th>Top</th> <th>Bottom</th> </tr> </thead> <tbody> <tr> <td>Any</td> <td>1250</td> <td>1280</td> </tr> <tr> <td>Heeb</td> <td>3300</td> <td></td> </tr> <tr> <td>KC</td> <td>3350</td> <td>3568</td> </tr> <tr> <td>cong</td> <td>3646</td> <td>3670</td> </tr> <tr> <td>Arb</td> <td>None</td> <td></td> </tr> <tr> <td>RTD</td> <td>3670</td> <td></td> </tr> </tbody> </table>	Name	Top	Bottom	Any	1250	1280	Heeb	3300		KC	3350	3568	cong	3646	3670	Arb	None		RTD	3670	
Name	Top		Bottom																				
Any	1250		1280																				
Heeb	3300																						
KC	3350	3568																					
cong	3646	3670																					
Arb	None																						
RTD	3670																						
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																						
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																						
Electric Log Run (Submit Copy.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																						

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
<u>Dual Face</u>	<u>12 3/4</u>	<u>8 5/8</u>	<u>24 #</u>	<u>250</u>	<u>Com 2 1/2 #</u>	<u>135</u>	<u>6% CC</u>
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used) Depth			
<u>Surface</u>	<u>Surface</u>						
TUBING RECORD				Liner Run			
	Size	Set At	Packer At	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Date of First Production		Producing Method					
		<input type="checkbox"/> Flowing <input 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	

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)
METHOD OF COMPLETION: Open Hole Perforation Dually Completed Commingled
 Other (Specify) _____



15-051-24639-00-00

ORIGINAL

Phone Plainville 913-434-2812

Phone Ness City 913-798-3843

Phone 316-2627, Russ... Kansas
Phone 316-793-5861, Great Bend, Kansas

ALLIED CEMENTING CO., INC. N° 10145

Home Office P. O. Box 31 Russell, Kansas 67665

New

Date	4-13-90	Sec.	21	(Twp.)	14s	Range	18w	Called Out	8:00 am	On Location	10:00 am	Job Start	11:00 am	Finish	1:00 pm
Lease	MARY ENGEL	Well No.	# 3	Location	Hay's 4S 1/4 E 1/4 N			County	ELLIS	State	Kansas				
Contractor	TRI UNITED DRG														
Type Job	ROTARY Plug														
Hole Size	778	TD	3670'												
Csg.	8 5/8 SURFACE	Depth	250'												
Tbg. Size		Depth													
Drill Pipe	4 1/2 X-H	Depth	1250'												
Tool		Depth													
Cement Left in Csg.		Shoe Joint													
Press Max.		Minimum	✓												
Meas Line		Displace													
Perf.															

Owner
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 listed.

Charge To: Big Creek Oil Co.
Street: Box 1196
City: Hays State: Kansas 67601

The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No.
X J. Koerner
1 SK FLO-Seal CEMENT

Amount Ordered: 190 SK 60/40 6% gel

EQUIPMENT

Pumptrk #177	No.	Cementor	Glenn
		Helper	Will
Pumptrk #213	No.	Cementor	
		Helper	
Bulktrk #213		Driver	Mark
		Driver	

Consisting of

Common	114 SK @ 5.00	570.00
Poz. Mix	76 SK @ 2.25	171.00
Gel.	7 SK @ 6.75	47.25
Chloride		
Quickset		
	FLO-Seal - 25# @ 60¢	15.00
Sales Tax		
Handling	.90 PER SK.	171.00
Mileage	.03 PER TON mile	40.00
Sub Total		
Total		1014.25

DEPTH of Job

Reference:	Pump TRUCK chrg	360.00
	100' per mile	5.00
	1-8 5/8 DRY hole Plug	20.00
	Sub Total	
	Tax	
	Total	385.00

Remarks:

- 25 SK @ 1250'
- 100 SK @ 650'
- 40 SK @ 300'
- 10 SK @ 40' & wiper Plug
- 15 SK @ Rat hole

Shawnee
RECEIVED
STATE CORPORATION COMMISSION
JUN 8 1990
CONSERVATION DIVISION
Wichita, Kansas