

ORIGINAL

SIDE ONE

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

Operator: License # 706L

Name: Cattlemans Oil Operations

Address HC 39 Box 74

Hays, Kansas 67601

City/State/Zip _____

Purchaser: _____

Operator Contact Person: Leo R. Dorzweiler

Phone (913) 625-5394

Contractor: Name: Tri United

License: 3194

Wellsite Geologist: Ken Vehige

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD Temp. Abd.

Gas Inj Delayed Comp.

Dry Other (Core, Water Supply, etc.)

If OWO: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:

Mud Rotary Air Rotary Cable

10-17-90 10-22-90 1-5-91
Spud Date Date Reached TD Completion Date

API NO. 15- 051-24,700 -00-00

County Ellis

SE SE SE Sec. 19 Twp. 13 Rge. 16W East West

330 Ft. North from Southeast Corner of Section

330 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

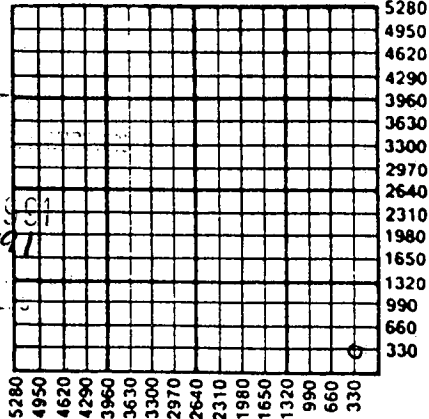
Lease Name Dreiling Well # 2

Field Name Herzog

Producing Formation Arbuckle

Elevation: Ground 1973 KB 1978

Total Depth 3509 PBTD _____



Alt II 1240
4-4-91

Amount of Surface Pipe Set and Cemented at 249 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set Pipe will be pulled 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 Viola Dorzweiler
Date 1-29-91

Subscribed and sworn to before me this 29th day of January, 19 91.

Notary Public Viola Dorzweiler

Date Commission Expires 4-20-91

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received

Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify)

SIDE TWO

Operator Name Cattlemans Oil Operations Lease Name Dreiling Well # 2
 Sec. 19 Twp. 13 Rge. 16 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 Yes No
 (Attach Additional Sheets.)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
 (Submit Copy.)

Formation Description

Log Sample

Name	Top	Bottom
Anhydrite	1124	
Heebner	3202	
Toronto	3220	
LKC	3249	
Base KC	3472	
Arbuckle	3492	
RTD	3509	

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	10 ³ / ₄	8 5/8	24	249	60-40poz	150	2%gel
production	7 7/8	5 ¹ / ₂	14	3500	common	125	10%salt

Shots Per Foot	PERFORATION RECORD Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
3	3492-96	1500 gal. 15% Ins	3500
	Non Commercial		

TUBING RECORD Size none Set At _____ Packer At _____ Liner Run Yes No

Date of First Production NA Producing Method Flowing Pumping Gas Lift 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) _____

Production Interval _____

Phone 913-483-2627, Russell, Kansas
 Phone 316-793-5861, Great Bend, Kansas

Phone Plainville 913-434-2812
 Phone Ness City 913-798-3843

15-051-24700-00-00

ALLIED CEMENTING CO., INC. N^o 8868

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

New

Date	10-17-90	Sec.	19	Twp.	13	Range	16 ^W	Called Out		On Location		Job Start		Finish	5:45 AM
Lease	Drilling	Well No.	2	Location				Victoria 1E 2N	County		Filled	State		KS	

Contractor *Tri-United Drlg*

Type Job *Surface*

Hole Size	<i>12 1/4</i>	T.D.	<i>254</i>
Csg.	<i>8 1/2</i>	Depth	<i>252</i>
Tbg. Size		Depth	
Drill Pipe		Depth	
Tool		Depth	
Cement Left in Csg.	<i>10-15</i>	Shoe Joint	
Press Max.		Minimum	
Meas Line		Displace	

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 *Cattlemen Oil Operations*

Street *HW 39 Box 74*

City *Hays* State *KS 67601*

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

Purchase Order No.

X *Eugene E. Leber*

Prof.

EQUIPMENT

Pumps/No.	153	Cementor	<i>Drew</i>
		Helper	<i>Green</i>
Pumps/No.		Cementor	
		Helper	
Pumps/No.	70	Driver	<i>Paul</i>
		Driver	

CEMENT

Amount Ordered *150 @ 2 1/2 gal*

Consisting of

Common	<i>90 sks 5.25</i>	<i>472.50</i>
Poz. Mix	<i>60 sks 2.25</i>	<i>135.00</i>
Gel.	<i>352s N/C</i>	<i>N/C</i>
Chloride		
Quickset		

Reference:

<i>Dump fee, city</i>	<i>300.00</i>
<i>1/2 cut per mile</i>	<i>24.00</i>
<i>8 1/2" work hole plug</i>	<i>42.00</i>
Sub Total	
Tax	
Total	<i>446.00</i>

Remarks: *Cement Oil*

Handling *0.1 @ 150.00*

Mileage *30/SK/MILE*

Sales Tax

Sub Total

Total *811.00*

Floating Equipment

Phone 713-483-2627, Russell, Kansas
 Phone 316-793-5861, Great Bend, Kansas

Phone Plainville 913-434-2812
 Phone Ness City 913-798-3843

New
ALLIED CEMENTING CO., INC. No. 9154
 Home Office P. O. Box 31 Russell, Kansas 67665

10-23-90

Date	10-22-90	Sec.	19	Twp.	13 ^S	Range	16 ^W	Called Out	10:00 P.M.	On Location	11:50 P.M.	Job Start	2:30 A.M.	Finish	7:45 A.M.
License	Drilling	Well No.	2		Location			Victoria # I-70 Ex. 1 1/2 N 1/2 NW	County	Ellis	State	Ks			
Contractor	Tri-United Dr. Co.			Rig #1			Owner	Same							
Type Job	Production String														
Hole Size	7 1/8"		T.D.	3505'											
Csg.	5 1/2"		Depth	3503'											
Flg. Size	8 1/2"		Depth	252'											
Drill Pipe			Depth												
Tool			Depth												
Cement Left in Csg.	24'		Shoe Joint	24.23'											
Press Max.	800 #		Minimum												
Meas Line	X		Displace												
Ref.															

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 Cattlemen's Oil Operations
 Street Box 32 Catherine St.
 City Hays State Ks. 67601
 The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No.
 X John Leiken

CEMENT

Amount Ordered	125 sh. from 12 cement with	
Consisting of	5 sh. well flush	
Common	125 sh. 2 1/2" / 1"	12.50
Poz. Mix		
Gel.		
Chloride		
Quickset		
5-14-17 sh. 2 1/4" / 1"		80.00
Sales Tax		
Handling	2.00 / sh. (125 sh.)	125.00
Mileage	0.34 / sh. / mi. (15 mi.)	45.00
Sub Total		295.00
Total		

EQUIPMENT

No.	Cementor	Rate
171	Helper	12.00
	Cementor	12.00
	Helper	12.00
4213	Driver	12.00
	Driver	12.00
Sub-Total		48.00
Tax		
Total		48.00

Remarks: Float did not hold.
 Shut in at 800 #.
 Plugged and leak 2 1/2" / 1" sh.
 - 12.00

Floating Equipment 5 1/2"

1 regular guide shoe	-	125.00
1 1/2" insert (Flopper-type)	-	159.00
2 cementing baskets	127.00	254.00
5 centralizers	46.00	230.00
1 1/2" collar	-	20.00
		588.00

ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

No 1595

new

Date	4-4-91	Sec.	19	Twp.	13 S	Range	16 W	Called Out	6:30 AM	On Location	8:00 AM	Job Start	8:45 AM	Finish	11:00 AM
Lease	DREILING	Well No.	# 2	Location				I-70 & VICTORIA EXIT 1/2 N		County	ELLIS	State	KANSAS		
Contractor	CO. TOOLS														
Type Job	PLUG ABANDONED WELL														
Hole Size	7 7/8	T.D.	3509'												
Csg.	5 1/2	Depth	3500'												
Top Size	8 5/8 SURFACE	Depth	249'												
Drill Pipe	2" TUBING	Depth	1142' & 550'												
Tool															
Cement Left in Csg.															
Press Max.	500#	Shoe Joint													
Meas Line															
Perf.															

Owner IE 1/4 N 1/4 W

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 CATTLEMAN'S OIL OPERATIONS

Street Box 32, CATHERINE RTE

City HAYS State KANSAS

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

Purchase Order No. X [Signature]

CEMENT

Amount Ordered	300 SK 60/40 B ² G ² PL	
Consisting of		
Common	180 @ 5.25	945.00
Poz. Mix	120 @ 2.25	270.00
Gel.	15 @ 6.75	101.25
Chloride		
Quickset		
Sales Tax		
Handling	@ 1.00	300.18
Mileage	4¢/SK / M.I.E	156.18
Sub Total		
Total		1772.25

EQUIPMENT

Pumptrk #177	No.	Cementor	[Signature]
		Helper	
Pumptrk #160	No.	Cementor	[Signature]
		Helper	
Bulktrk		Driver	[Signature]
		Driver	

DEPTH of Job

Reference:	Pump TRACK chrg	360.00
	2.00 PER M.I.E	26.00
	Sub Total	
	Tax	
	Total	386.00

Remarks: RAN TUBING DOWN TO 1142' & MIXED 250 SK CEMENT, CAME UP TO 550' & MIXED 50 SK CEMENT TO CIRCULATE CEMENT TO SURFACE & CALLED OFF TO TOP. w/ cement

[Signature]

APR 15 1001

WICHTA, KANSAS