

ORIGINAL

SIDE ONE

00-00

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

API NO. 15- 163-23,092

County Rooks

SW NE NW Sec. 20 Twp. 6S Rge. 20 East West

4290 Ft. North from Southeast Corner of Section

3630 Ft. West from Southeast Corner of Section

(NOTE: Locate well in section plat below.)

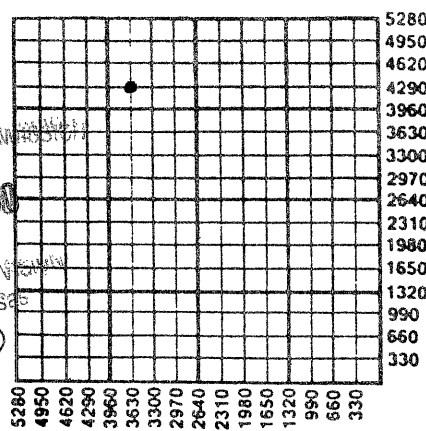
Lease Name Wyrill Farms Well # 3

Field Name Todd N.E.

Producing Formation N.A.

Elevation: Ground 2259' KB 2264'

Total Depth 3800' PBDT _____



Amount of Surface Pipe Set and Cemented at 205' 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 int.

Operator: License # 8925

Name: Liberty Operations & Completions, Inc.

Address 308 West Mill

City/State/Zip Plainville, KS 67663

Purchaser: _____

Operator Contact Person: Christopher A. Mraz

Phone (913) -434-4686

Contractor: Name: Emphasis Oil Operations

License: 8241

Wellsite Geologist: Christopher A. Mraz

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD Temp. Abd.

Gas Inj Delayed Comp.

Dry Other (Core, Water Supply, etc.)

If **OWMO**: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:

Mud Rotary Air Rotary Cable

5/11/90 5/17/90 5/17/90

Spud Date Date Reached TD Completion Date

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 Christopher Mraz

Title Exploration Manager Date 5/24/90

Subscribed and sworn to before me this 24 day of May, 19 90.

Notary Public Susan Meyers

Date Commission Expires 8-7-93

K.C.C. OFFICE USE ONLY

F Letter of Confidentiality Attached

Wireline Log Received

C Drillers Timelog Received

Distribution

KCC SWD/Rep NGPA

KGS Plug Other (Specify)



X P

SIDE TWO

Operator Name Liberty Operations & Completions, Lease Name wyrill Farms Well # 3
 Sec. 20 Twp. 6S Rge. 20 East West Inc. County Rooks

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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Attach Additional Sheets.) 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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Submit Copy.)	<p align="center">Formation Description</p> <p align="center"><input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:60%;">Name</th> <th style="width:20%;">Top</th> <th style="width:20%;">Bottom</th> </tr> </thead> <tbody> <tr><td>Anhydrite</td><td>1869</td><td>(+395)</td></tr> <tr><td>Topeka</td><td>3273</td><td>(-1009)</td></tr> <tr><td>Heebner</td><td>3474</td><td>(-1210)</td></tr> <tr><td>Toronto</td><td>3496</td><td>(-1292)</td></tr> <tr><td>Dansing</td><td>3509</td><td>(-1245)</td></tr> <tr><td>Base Kan. City</td><td>3706</td><td>(-1442)</td></tr> <tr><td>Marmaton</td><td>3723</td><td>(-1459)</td></tr> <tr><td>Arbuckle</td><td>3741</td><td>(-1477)</td></tr> </tbody> </table>	Name	Top	Bottom	Anhydrite	1869	(+395)	Topeka	3273	(-1009)	Heebner	3474	(-1210)	Toronto	3496	(-1292)	Dansing	3509	(-1245)	Base Kan. City	3706	(-1442)	Marmaton	3723	(-1459)	Arbuckle	3741	(-1477)
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DST (1) 3699-3732, 15-30-15-30, Rec 15'M, W/SO, SIP 685-685#, FP 22-22, 22-22#
 DST (2) 3730-3749, 45-60-45-60, Rec 1'FO, 94'SOCWM, SIP 433-433#, FP 22-44#, 44-55#

CASING RECORD <input checked="" 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
Surface	12 1/4"	8 5/8"	20#	205'	60/40 poz	160	3% cc, 2% ge
PERFORATION RECORD Shots Per Foot Specify Footage of Each Interval Perforated				Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth			
TUBING RECORD Size Set At Packer At Liner Run <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) _____

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

ALLIED CEMENTING CO., INC. N^o 9751

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

Date	5-17-90	Sec.	20	Twp.	6	Range	20	Called Out	4:30 PM	On Location	7:00 PM	Job Start	7:30 PM	Finish	11:45 PM	
Lease	Wyrill Farm	Well No.	#3	Location	Old 24 Hwy x Logan Rd 6 1/2 N 1/2 E				County	ROCKS	State	KANSAS				
Contractor	EMPHASIS OIL OPERATIONS Rigs								Owner	SAME						

Type Job	PLUG		
Hole Size	7 7/8"	T.D.	3800'
Csg.	8 3/4"	Depth	208'
Tbg. Size		Depth	
Drill Pipe		Depth	
Tool		Depth	
Cement Left in Csg.		Shoe Joint	
Press Max.		Minimum	
Meas Line		Displace	
Perf.			

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: Liberty operations x Completion

Street: _____

City: _____ State: _____

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

Purchase Order No. _____

X *[Signature]*

CEMENT

EQUIPMENT		
#191 No.	Cementer	M. KAUFMAN
Pumptrk	Helper	WAYNE M
No.	Cementer	
Pumptrk	Helper	
#212	Driver	GLEN C.
Bulktrk	Driver	

Amount Ordered: 215 SKS 60/40 P 26 7/8 Ge

Consisting of

Common	
Poz. Mix	
Gel.	
Chloride	
Quickset	
Sales Tax	

DEPTH of Job	
Reference:	# PUMP TRK 1-8 3/4" PLUG
Sub Total	
Tax	
Total	

Handling _____

Mileage _____

Sub Total _____

Total _____

Floating Equipment _____

Remarks:

25 SKS @ 3749'	<i>[Stamp]</i>
25 SKS @ 1900'	<i>[Stamp]</i>
100 SKS @ 1160'	MAY 06 1990
40 SKS @ 240'	<i>[Stamp]</i>
10 SKS @ 40'	<i>[Stamp]</i>
15 SKS in Rat Hole	

[Signature]

Phone 913-483-2627, 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. 10229

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

Date	5-11-90	Sec.	20	Twp.	6 ³	Range	20 ^W	Called Out	2:00 P.M.	On Location	4:30 P.M.	Job Start	6:00 P.M.	Finish	6:30 P.M.
Lease	Wyrill Farms	Well No.	3	Location	Logan 9S 3/4 W 1/4 S	County	Rooks	State	Ks.						
Contractor	Emphasis Oil Operations Rig 6				Owner	Same									
Type Job	Set Surface Pipe														
Hole Size	12 1/4"		T.D.		208'										
Csg.	8 7/8"		Depth		206										
Tbg. Size			Depth												
Drill Pipe			Depth												
Tool			Depth												
Cement Left in Csg.	15'		Shoe Joint												
Press Max.			Minimum												
Meas Line	X		Displace												
Perf.															

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: Liberty Operations & Completions, Inc.
 Street: 308 W. Mill
 City: Plainville, State: Ks. 67663

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

Purchase Order No. X Richard Williams

CEMENT

Amount Ordered: 160 sks 60/40 poz 2 bag, 320 c.c.

Consisting of	
Common	
Poz. Mix	
Gel.	
Chloride	
Quickset	

Sales Tax

Handling: e 90 d/st.

Mileage: e 03 d/st./mi

Sub Total

Total

Floating Equipment: Thanks

EQUIPMENT

No.	Cementor	Gary H. Marlyn R.
Pumptrk #191	Helper	
No.	Cementor	Blair C.
Pumptrk #212	Helper	
Bulktrk #212	Driver	
Bulktrk	Driver	

DEPTH of Job		
Reference:	#1 Pumptruck surface	360.00
	#2 1-8 7/8 surface plug	40.00
	#14 mileage e 1.00/mi	
	Sub Total	
	Tax	
	Total	

Remarks: Cement Circulated

STATE CORPORATION
 MAY 06 1990
 CONSERVATION DIVISION
 Wichita, Kansas