

FORM MUST BE TYPED

SIDE ONE

ORIGINAL

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

Operator: License # 7383

Name: GRADY BOLDING CORPORATION

Address P. O. Box 486

City/State/Zip Ellinwood, Kansas 67526

Purchaser: N. C. R. A.

Operator Contact Person: Grady Bolding

Phone ( 316 ) 564-2240

Contractor: Name: L. D. Drilling, Inc.

License: 6039

Wellsite Geologist: Jim Misgrove

Designate Type of Completion  
 New Well  Re-Entry  Workover

Oil  SWD  SIGW  Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSU, Expl., Cathodic, etc.)

If Workover/Re-Entry: old well info as follows:

Operator: FROM CONFIDENTIAL

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. \_\_\_\_\_

3-18-93 3-27-93 4/27/93  
Spud Date Date Reached TD Completion Date

API NO. 15- 155-21246  
County RENO  
C NW SW Sec. 25 Twp. 25S Rge. 10 X E

1980 Feet from SW (circle one) Line of Section  
4620 Feet from EW (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
NE, SE, NW or SW (circle one)

Lease Name LINDER Well # 1

Field Name wildcat

Producing Formation Mississippi

Elevation: Ground 1713 KB 1718

Total Depth 4190' PSTD \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at 188 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 cat.

Drilling Fluid Management Plan PLT 1 7-1-93  
(Data must be collected from the Reserve Pit)

Chloride content 10,000 ppm Fluid volume 1500 bbls

Dewatering method used Normal settling of fluid.

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name C&C Tank Service

Lease Name Roach SWD License No. 30708

SW Quarter Sec. 14 Twp. 23 S Rng. 9 E/W

County Reno Docket No. 22208

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 Grady Bolding Jr.

Title President Date 6-21-93

Subscribed and sworn to before me this 21st day of June, 19 93.

Notary Public Jenny Kasselman

K. C. C. OFFICE USE ONLY  
RECEIVED  
STATE CORPORATION COMMISSION  
JUN 28 1993  
Distribution  
KCC \_\_\_\_\_ SWD Rep \_\_\_\_\_ NGPA \_\_\_\_\_  
KGS \_\_\_\_\_ Plug \_\_\_\_\_ Other \_\_\_\_\_ (Specify)

JENNY KASSELMAN  
State of Kansas  
My Appt. Exp. \_\_\_\_\_

JENNY KASSELMAN  
State of Kansas  
My Appt. Exp. 7-16-94

Operator Name Grady Bolding Corporation

Lease Name Linder

Well # L

Sec. 25 Twp. 25S Rge. 10

East

County RENO

West

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.)

List All E.Logs Run:

see attached

Log Formation (Top), Depth and Datum  Sample  
Name Top Datum

see attached

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	12 1/4"	8 5/8"	20	188'	60/40 Poz	150	2% Gel, 3% cc
production	7 7/8"	5 1/2"	14	4047'	ASC	185	1% gel, 5# Kol-sea 500 gal. flush

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input checked="" type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> 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
2 per foot	3906-3910"	250 Gals. Mud Acid & 1000 Gals. 15% NE	3906-3910'
2 per foot	3910-3914'	1000 Gals. 15% NE	3910-3914'

TUBING RECORD	Size	Set At	Packer At	Liner Run		
	2-3/8" EUE	3942'	None	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Date of First, Resumed Production, SWD or Inj.	Producing Method <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
		10		48		38.2

Disposition of Gas:

Vented  Sold  Used on Lease  
(If vented, submit ACO-18.)

METHOD OF COMPLETION

Open Hole  Dualy Comp  
 Other (Specify)

Production Interval

Commingled 3906-3914'

ORIGINAL

DRILL STEM TEST #1 3457-3485' (Lansing 44-72')

Open: I.F. 30"  
F.F. 30"

Blow: Weak to steady

Recovery: 60' gas in pipe  
15' slightly oil cut mud  
35' mud

Pressure: ISIP 1111 psi (30")  
FSP 868 psi (30")  
FP (50-50)(50-50) psi  
HSH 1709-1701 psi

15-155-21246

DRILL STEM TEST #2 3890-3905 (2'-17' Mississippi)

Open: I.F. 30"  
F.F. 30"

Blow: Very good

Recovery: 660' gas  
45' oil cut mud  
45' watery mud, show oil

Pressures: ISIP 1117 psi (30")  
FSIP 1076 psi (30")  
FP (42-549)(67-76) psi  
HSH 1998-1971 psi

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APR 1 1996

FROM CONFIDENTIAL

DRILL STEM TEST #3 3905-3925 (17'-32' Mississippi)  
Plugged Tool.

DRILL STEM TEST #4 3904-3925 (16'-32' Mississippi)

Open: I.F. 45"  
F.F. 45"

Blow: Very Strong gas to surface. 8".  
Estimate 30,000 CFGD on F.F.

Recovery: 1115' gassy oil  
180' oily water  
360' water

Pressures: SIP 1134-1193 psi (45")  
FP (277-404)(546-614) psi  
HSH 1973-1961 psi

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CONSERVATION DIVISION  
Wichita, Kansas

FORMATIONELECTRIC LOG DEPTHSUB-SEA DATUM

Anhydrite	400	+1333
Severy	2835	-1117
Topeka	2885	-1116
Heebner	3218	-1500
Toronto	3236	-1518
Douglas	3249	-1531
Brown Line	3395	-1677
Lansing	3415	-1697
Stark Shale	3685	-1967
Base Kansas City	3777	-2059
Cherokee Shale	3854	-2136
Mississippi	3888	-2170
Mississippi Lime	3943	-2225
Kinderhook	3956	-2238
Misner Sand	4137	-2419
Viola Dolomite	4143	-2425
Rotary Total Depth	4190	-2472
E. Log Total Depth	4188	-2470

ORIGINAL

(All tops and zones corrected to electric log measurements.)

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Wichita, Kansas

# ORIGINAL

DRILLER'S WELL LOG

15-155-21246

COMMENCED: 3-18-93  
COMPLETED: 3-27-93

Grady Bolding Corporation  
Linder #1  
C NW SW Sec. 25-T25S-R10W  
Reno County, Kansas

- 0 - 1125 Sand & Red Beds
- 1125 - 1915 Lime & Shale
- 1915 - 2220 Shale & Lime
- 2220 - 3750 Lime & Shale
- 3750 - 3875 Lime
- 3875 - 4190 Lime & SHale
- 4190 RTD

ELEVATION: 1713 GR 1718 KB

FORMATION DATA: (sample)

Heebner	3218 (-1500)
Brown Lime	3395 (-1677)
LK/C	3415 (-1697)
BK/C	3777 (-2059)
Miss	3888 (-2170)
Kinderhook	3956 (-2230)
Viola	4143 (-2425)
RTD	4190 (-2472)

**RELEASED**  
**APR 1 1996**  
**FROM CONFIDENTIAL**

CASING RECORD:

8 5/8" set @ 188' W/150 sx.  
60/40 Pozmix, 2% Gel, 3% CC

5 1/2" set @ 4047' W/185 sx,  
cement

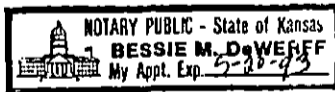
A F F I D A V I T

STATE OF KANSAS )  
COUNTY OF BARTON ) ss

GREG DAVIDSON of lawful age, does swear and state that the facts and statements herein are true and correct to the best of his knowledge.

*Greg Davidson*  
GREG DAVIDSON

Subscribed and sworn to before me this 30th day of March, 1993



*Bessie M. DeWerff*  
NOTARY PUBLIC: Bessie M. DeWerff

MY COMMISSION EXPIRES: 5-20-93

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STATE CORPORATION COMMISSION

JUN 22 1993

CONSERVATION DIVISION  
Wichita, Kansas

ACCOUNTS

RECEIVED

RECEIVED

RECEIVED

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

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

ORIGINAL

**ALLIED CEMENTING CO., INC.**

2747

Home Office P. O. Box 31

Russell, Kansas 67665

New

Date	3-18-93	Sec	25	Twp.	25	Range	10	Called Out	6:30 pm	On Location	8:00 pm	Job Start	9:45 am	Finish	10:15 pm
Lease	Linder	Well No.	1	Location		Sylvia		25-2E-1/2S-E5		County	Reno	State	Ks		
Contractor	LD Drilling inc														
Type Job	Surface														
Hole Size	18 1/4	T.D.	189												
Csg.	8 5/8	Depth	187.85												
Tbg. Size		Depth													
Drill Pipe		Depth													
Tool		Depth													
Cement Left in Csg.	15'	Shoe Joint													
Press Max.		Minimum													
Meas Line		Displace	11.23												
Perf.															

**EQUIPMENT**

No.	Cementer	Don H
Pumptrk 195	Helper	Kent R
No.	Cementer	
Pumptrk	Helper	
	Driver	Yancy F
Bulktrk 101		
Bulktrk	Driver	

**DEPTH of Job**

Reference:	18 5/8 Plug	42.00
	Pump Truck	430.00
	Miles	12.75
	Sub-Total	54.00
	Tax	526.00
	Total	595.75

Remarks: Pumped all cement  
 Released Plug Displaced  
 Down Cement was in  
 Bottom of cellar  
 BY Allied Cementing  
 Thanks Don & Kent

Owner Scmie

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 Grady Bolding Corp.

Street 114 N. Main

City Ellinwood State Ks 67526

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

Purchase Order No. Koper Roy

**CEMENT**

Amount Ordered 150 sk 60/40 2 1/4 gel

Consisting of

Common	90	5.75	517.50
Poz. Mix	60	3.00	180.00
Gel.	3 RELEASED	7.00	21.00
Chloride	6	25.00	150.00
Quickset	ADR 1 1996		

FROM CONFIDENTIAL

Handling 150 1.00 150.00

Mileage 55 24 330.00

Sub-Total 144.00

Total 1162.50

Floating Equipment

TOTAL \$ 1944.25

Disc - 388 RECEIVED

JUN 22 1996

CONSERVATION DIVISION  
 Wichita, Kansas

DUE AND PAYABLE UPON RECEIPT.  
 AFTER 30 DAYS A 1 1/2% PER MONTH  
 INTEREST FEE WILL BE CHARGED & COLLECTED.

Thank You, Your Business Is Appreciated!

