

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
Ellinwood, KS 67526

City/State/Zip _____

Purchaser: NCRA

Operator Contact Person: Grady Bolding

Phone (316) 564-2240

Contractor: Name: ALLEN DRILLING COMPANY

License: 5418

Wellsite Geologist: James C. Musgrove

Designate Type of Completion
 New Well Re-Entry Workover

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

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

Operator: N/A

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBDT
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

5/22/96 5/29/96 6/13/96
Spud Date Date Reached TD Completion Date

API NO. 15- 185-230280000

County Stafford

110' N
of - SW - SE - NW Sec. 5 Twp. 23S Rge. 14 E W

3080 Feet from N (circle one) Line of Section

3630 Feet from W (circle one) Line of Section

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

Lease Name MILLER B Well # 5

Field Name Wood

Producing Formation Kansas City

Elevation: Ground 1960' KB 1970'

Total Depth 4060' PBDT _____

Amount of Surface Pipe Set and Cemented at 430 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 ALT 1 976 11-6-97
(Data must be collected from the Reserve Pit)

Chloride content 10,000 ppm Fluid volume 1500 bbls

Dewatering method used evaporation & settling

Location of fluid disposal if hauled offsite:
Paul's Tank Service
Bellport Oil, Inc.

Operator Name _____

Lease Name Jennie Owen Est. License No. 30550

NW Quarter Sec. 27 Twp. 22 S Rng. 15 E W

County Pawnee Docket No. D-26,450

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.

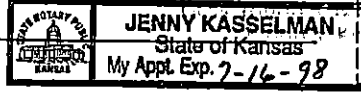
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature [Signature]
Title President

Subscribed and sworn to before me this 13th day of Aug.
19 96.

Notary Public Jenny Kasselmann

Date Commission Expires 7-16-98



8-14-96
K.C.C. OFFICE USE ONLY
Letter of Confidentiality Attached
Wireline Log Received
Geologist Report Received
AUG 14 1996
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)

Operator Name GRADY BOLDING CORPORATION Lease Name MILLER B Well # 5

Sec. 5 Twp. 23S Rge. 14 East West County Stafford

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:
Dual Induction, Compensated Density,
Computer Analyzed

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

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
surface	12-1/4"	8-5/8"	28#	430'	60/40poz	235	2%gel 3%cc
production	7-7/8"	5-1/2"	14#	4007'	ASC	180	500gl WFR2

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input 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)	
		Amount	Depth
4	3752-3754	250 gal 15% NE	3752-3754
2	3718-3724	250 gal 15% NE	3718-3724
2	3699-3704	250 gal 15% NE	3699-3704
2	3678-3686	250 gal 15% NE	3678-3686

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
		2 7/8 eue	3965	none			
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)				
6/28/96							
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio
	25			5		20	
							Gravity 24.5°

Disposition of Gas:
 Vented Sold Used on Lease
(If vented, submit ACO-18.)

METHOD OF COMPLETION
 Open Hole Perf. Dually Comp. Commingled see above
 Other (Specify)

ALLIED CEMENTING CO., INC.

3018

ORIGINAL

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

Great Bend
5-30-96

DATE <u>5-29-96</u>	SEC. <u>6</u>	TWP <u>23</u>	RANGE <u>14</u>	CALLED OUT <u>3:00 PM</u>	ON LOCATION <u>7:00 PM</u>	JOB START <u>7:00 AM</u>	JOB FINISH <u>2:30 PM</u>
LEASE <u>Miller</u>	WELL # <u>'B' 5</u>	LOCATION <u>Radium 5 1/2 S E 1/4</u>	COUNTY <u>Stafford</u>	STATE <u>K.S.</u>			

OR (Circle one)

CONTRACTOR Allen Drilling Rig #2
 TYPE OF JOB long string pipe job
 HOLE SIZE _____ T.D. 4060 ft
 CASING SIZE 1 1/2" pipe 5 1/2 DEPTH 4007 ft
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX 1800 psi MINIMUM _____
 MEAS. LINE 3995 SHOE JOINT 12.36 ft
 CEMENT LEFT IN CSG. 12.36 ft
 PERFS. Displacement 97.1 bbl

OWNER Same
 CEMENT
 AMOUNT ORDERED
180 SK ASC 500 gal WERT

COMMON	<u>180 ASC</u>	@	<u>7.85</u>	<u>1413.00</u>
POZMIX		@		
GEL		@		
CHLORIDE		@		
WERT	<u>500 gal</u>	@	<u>1.00</u>	<u>500.00</u>
HANDLING	<u>180</u>	@	<u>1.05</u>	<u>189.00</u>
MILEAGE	<u>27</u>			<u>194.40</u>

EQUIPMENT

PUMP TRUCK CEMENTER Mike M.
 # 120 HELPER Duane S.
 BULK TRUCK DRIVER _____
 # _____
 BULK TRUCK DRIVER Jim W.
 # 101

TOTAL \$ 2296.40

REMARKS:

SERVICE

Circulate hole with Rig mud pump
Mix cement plug Ret hole pump
Rest of cement down the pipe
pump flush first remove plug
Displace plug down with water
float did hold
1500' when plug headed

DEPTH OF JOB	<u>4007 ft</u>			
PUMP TRUCK CHARGE				<u>1090.00</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>27</u>	@	<u>2.85</u>	<u>76.95</u>
PLUG	<u>1-5 1/2 Rubber plug</u>	@	<u>50.00</u>	<u>50.00</u>

TOTAL \$ 1216.95

CHARGE TO: Meady Bolding Corporation
 STREET P.O. Box 486
 CITY Ellinwood STATE K.S. ZIP 67526
 316-564-2240

FLOAT EQUIPMENT

<u>1-5 1/2" Guide shoe</u>	@	<u>168.00</u>	<u>168.00</u>
<u>1-5 1/2" Insert</u>	@	<u>263.00</u>	<u>263.00</u>
<u>6-5 1/2" Centralizers</u>	@	<u>56.00</u>	<u>336.00</u>

TOTAL \$ 767.00

*Thank you
Allied Cementing Co Inc
Mike + Duane + Jim*

RECEIVED
STATE CORPORATION COMMISSION

AUG 14 1996

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 is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE

Meady Bolding

TAX 0.00
 TOTAL CHARGE \$ 4280.35
 DISCOUNT \$ 642.06 IF PAID IN 30 DAYS

Net \$ 3638.29

ALLIED CEMENTING CO., INC.

3012

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

ORIGINAL

SERVICE POINT:

Grady Bend
5-23-96

DATE <u>5-22-96</u>	SEC. <u>5</u>	TWP. <u>23</u>	RANGE <u>14</u>	CALLED OUT <u>7 AM</u>	ON LOCATION <u>9 AM</u>	JOB START <u>1 AM</u>	JOB FINISH <u>2 AM</u>
LEASE <u>Miller</u>	WELL # <u>B 5</u>	LOCATION <u>Radium 5 1/2 S E 15</u>			COUNTY <u>Stoddard</u>	STATE <u>K.S.</u>	

OLD OR NEW (Circle one)

CONTRACTOR Allen Drilling Rig # 2
 TYPE OF JOB Surface Rep Job
 HOLE SIZE _____ T.D. 445 ft
 CASING SIZE 28" pipe 6 1/8 DEPTH 439 ft
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX 100' MINIMUM _____
 MEAS. LINE 424 ft SHOE JOINT _____
 CEMENT LEFT IN CSG. 15 ft
 PERFS. Displacement 26.4 bbls

OWNER Same
CEMENT

AMOUNT ORDERED
235 @ 30cc 23cc

COMMON	<u>141</u>	@	<u>6.10</u>	<u>860.10</u>
POZMIX	<u>94</u>	@	<u>3.15</u>	<u>296.10</u>
GEL	<u>4</u>	@	<u>9.50</u>	<u>38.00</u>
CHLORIDE	<u>7</u>	@	<u>28.00</u>	<u>196.00</u>

EQUIPMENT

PUMP TRUCK CEMENTER Mike m
 # 120 HELPER Duane S.
 BULK TRUCK
 # _____ DRIVER _____
 BULK TRUCK
 # 101 DRIVER Bob W

HANDLING	<u>235</u>	@	<u>1.05</u>	<u>246.75</u>
MILEAGE	<u>27</u>			<u>145.80</u>

TOTAL \$ 1782.75

REMARKS:

SERVICE

Circulate Hole with Rig Mud Pump
mix Cement + Release Plug
Displace Plug Down with water
Cement did Circulate to Surface

DEPTH OF JOB	<u>439 ft</u>			
PUMP TRUCK CHARGE	<u>0-300'</u>			<u>445.00</u>
EXTRA FOOTAGE	<u>139</u>	@	<u>.41</u>	<u>56.99</u>
MILEAGE	<u>27</u>	@	<u>2.85</u>	<u>76.95</u>
PLUG	<u>1-8 1/2 wooden plug</u>	@	<u>45.00</u>	<u>45.00</u>

TOTAL \$ 623.94

CHARGE TO: Grady Bolding Corporation
 STREET P.O. Box 486
 CITY Ellinwood STATE K.S. ZIP 67526
316-564-2240

FLOAT EQUIPMENT

	@			
	@			
	@			
	@			
	@			

TOTAL _____

*Thank You
Allied Cementing Co Inc
Mike + Duane + Bob*

RECEIVED
STATE CORPORATION COMMISSION

AUG 14 1996

COMMISSION ON CORPORATION TAX
WICHITA, KANSAS

TOTAL CHARGE \$ 2406.69
 DISCOUNT \$ 361.01 IF PAID IN 30 DAYS

Net \$ 2045.68

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 is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE Richard Stevenson

Formation	Log Depth	Sub-Sea Datum
Anhydrite	890	+1080
Heebner	3414	-1444
Toronto	3435	-1465
Douglas	3456	-1486
Brown Line	3545	-1575
Lansing	3555	-1585
Base Kansas City	3789	-1819
Conglomerate	3872	-1902
Conglomerate Chert	3899	-1929
Viola	3927	-1957
Simpson Shale	4004	-2047
Simpson Sand	4023	-2053
Arbuckle	4054	-2084
Rotary Total Depth	4060	-2090
Log Total Depth	4060	-2090

ORIGINAL

(All tops and zones corrected to Electric Log measurements.)

Drill Stem Test #1 3564-3590'

15-185-23028

Times: 30-45-45-60

Blow: Weak to fair

**Recovery: 120' gas in pipe
1' free oil
110' muddy water**

**Pressures: ISIP 1134 psi
FSIP 1109 psi
IFP 17-25 psi
FFP 33-42 psi
HSH 1721-1702 psi**

Drill Stem Test #2 3670-3688'

Times: 30-45-45-60

Blow: Strong

**Recovery: 1620' gas in pipe
60' heavy oil cut mud**

**Pressures: ISIP 501 psi
FSIP 568 psi
IFP 41-41 psi
FFP 41-41 psi
HSH 1765-1752 psi**

Drill Stem Test #3 3692-3728'

Times: 30-45-45-60

Blow: Weak

Recovery: 50' Oil specked mud

**Pressures: ISIP 543 psi
FSIP 510 psi
IFP 50-50 psi
FFP 50-50 psi
HSH 1785-1710 psi**

RECEIVED
STATE CORPORATION COMMISSION

AUG 14 1996

WICHITA, KANSAS