

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

API NO. 15- 007 ~~22697~~ -0000
County Barber **ORIGINAL**
SE - SW - NW Sec. 21 Twp. 31 S Rge. 11W

Operator: License # 6170

Name: Globe Operating, Inc.

Address P.O. Box 12

Great Bend, KS 67530

City/State/Zip _____

Purchaser: N. C. R. A.

Operator Contact Person: Richard Stalcup

Phone (620) 792 7607

Contractor: Name: Sterling Drilling Co.

License: 5142

Wellsite Geologist: James C. Musgrove

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD SLOW Temp. Abd.

Gas ENHR SIGW

Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD

Plug Back PBTB

Commingled Docket No. _____

Dual Completion Docket No. _____

Other (SWD or Inj?) Docket No. _____

1/05/02 1/17/02 1.17.02
Spud Date Date Reached TD Completion Date

2310 Feet from SW (circle one) Line of Section

1040 Feet from SW (circle one) Line of Section

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

Lease Name Durell Well # 1

Field Name _____

Producing Formation Simpson

Elevation: Ground 1736 KB 1741

Total Depth 4970' rtd PBTB 4846

Amount of Surface Pipe Set and Cemented at 8 58/" 265' 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 cmt.

Drilling Fluid Management Plan AWI EN B. 26.02
(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume 520 bbls

Dewatering method used _____

Location of fluid disposal if hauled offsite: _____

Operator Name Bemco

Lease Name Cole License No. 5435

NW Quarter Sec. 25 Twp. 32 S Rng. 12 NE/W

County Barber Docket No. D 19886

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, 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 confidentially 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 Richard Stalcup

Title Prod. Supt. Date _____

Subscribed and sworn to before me this 5th day of March, 2002

Notary Public Shirley A Bowers

Date Commission Expires 12/28/2003

K.C.C. OFFICE USE ONLY		
F <input checked="" type="checkbox"/>	Letter of Confidentiality Attached	
C <input checked="" type="checkbox"/>	Wireline Log Received	
C <input checked="" type="checkbox"/>	Geologist Report Received	
Distribution		
<input type="checkbox"/> KCC	<input type="checkbox"/> SWD/Rep	<input type="checkbox"/> NGPA
<input type="checkbox"/> KGS	<input type="checkbox"/> Plug	<input type="checkbox"/> Other (Specify)

SHIRLEY A. BOWERS
Notary Public - State of Kansas
My Appt. Expires 12/28/2003

RECEIVED
3-11-02
MAR 11 2002

Operator Name Globe Operating, Inc.

Lease Name Durrell

Well # 1

Sec. 21 Twp. 31 Rge. 11 East West

County Barber

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; Dual Compensated Porosity Log

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

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		8 5/8'	28#	262'		400	
Production		5 1/2"	14#	4968'		150	

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)	Depth
2	4822-27 Simpson	250 gals 7 1/2% Mud Acid	

TUBING RECORD	Size <u>2 7/8"</u>	Set At <u>4836'</u>	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SMD or Inj. <u>2/28/02</u>	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil Bbls. <u>20</u>	Gas Mcf <u>0</u>	Water Bbls. <u>25</u>	Gas-Oil Ratio	Gravity <u>42</u>
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Disposition of Gas: **METHOD OF COMPLETION** **Production Interval**

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled

(If vented, submit ACO-18.) Other (Specify) _____

15-007-22697-0000

ALLIED CEMENTING CO., INC. ORIGINAL

Federal Tax I.D.# 48-0727860

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

SERVICE POINT:
Medicine L.D.C.

DATE <u>1-5-02</u>	SEC. <u>21</u>	TWP. <u>3/s</u>	RANGE <u>11w</u>	CALLED OUT <u>11:00 A.M.</u>	ON LOCATION <u>11:30 A.M.</u>	JOB START <u>3:00 P.M.</u>	JOB FINISH <u>3:20 P.M.</u>
LEASE <u>DURELL</u>	WELL # <u>1</u>	LOCATION <u>Isabel RD + 160</u>			COUNTY <u>Barber</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)		<u>IN IE 3 N W/1 TO</u>					

CONTRACTOR STERLING #4
 TYPE OF JOB SURFACE ✓
 HOLE SIZE 12 1/4 T.D. 265
 CASING SIZE 8 5/8 DEPTH 262
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE 4 1/2 DEPTH 265
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT 15 FT
 CEMENT LEFT IN CSG. 15 FT
 PERFS. _____
 DISPLACEMENT FRESH H₂O 15 1/2 BBL'S
 EQUIPMENT

OWNER Globe Operating
 CEMENT
 AMOUNT ORDERED 200sx 60' 40' 2' + 3% CC

COMMON	<u>120</u>	@	<u>6.65</u>	<u>798.00</u>
POZMIX	<u>80</u>	@	<u>3.55</u>	<u>284.00</u>
GEL	<u>3</u>	@	<u>10.00</u>	<u>30.00</u>
CHLORIDE	<u>4</u>	@	<u>30.00</u>	<u>210.00</u>
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>210</u>	@	<u>1.10</u>	<u>231.00</u>
MILEAGE	<u>210 - MINIMUM</u>			<u>100.00</u>
TOTAL				<u>1653.00</u>

PUMP TRUCK CEMENTER David W.
 # 302 HELPER Dwayne W.
 BULK TRUCK
 # 364 DRIVER Epic B.
 BULK TRUCK
 # _____ DRIVER _____

REMARKS:

SERVICE

Pipe on Bottom Break Circ
Pump 200sx 60' 40' 2' + 3% CC
Displace w 15 1/2 BBL water
Shut in
Cement Did Circ ✓

DEPTH OF JOB	<u>262</u>			
PUMP TRUCK CHARGE				<u>530.00</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>7</u>	@	<u>3.00</u>	<u>21.00</u>
PLUG	<u>Wooden 8 7/8"</u>	@	<u>45.00</u>	<u>45.00</u>
		@		
		@		
TOTAL				<u>586.00</u>

CHARGE TO: Globe Operating
 STREET P.O. Box 12
 CITY GREAT BEND STATE KANSAS ZIP 67530

FLOAT EQUIPMENT

		@		
		@		
		@		
		@		
		@		
TOTAL				

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.

TAX				
TOTAL CHARGE	<u>2239.00</u>			
DISCOUNT	<u>223.90</u>			
	<u>\$2015.10</u>			

SIGNATURE X Lanny S. Saloga

X Lanny S. Saloga
 PRINTED NAME

15-007-22697-0000

ORIGINAL

ALLIEC CEMENTING CO., INC.

09051

Federal Tax I.D.# 48-0727860

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

SERVICE POINT Med lodge

DATE <u>1-17-02</u>	SEC. <u>21</u>	TWP. <u>31S</u>	RANGE <u>11W</u>	CALLED OUT <u>2:30 AM</u>	ON LOCATION <u>4:30 AM</u>	JOB START <u>11:40 AM</u>	JOB FINISH <u>12:30 PM</u>
LEASE <u>Durrell</u>	WELL # <u>1</u>	LOCATION <u>Isabel Rd + Curry lane</u>		COUNTY <u>Barber</u>	STATE <u>KS</u>		
OLD OR NEW (Circle one)		<u>1 E 3 N W 8</u>					

CONTRACTOR Sterling #4
 TYPE OF JOB Production
 HOLE SIZE 2 7/8 T.D. 4970
 CASING SIZE 5 5/8 x 14 # DEPTH 4968
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL AFU Insert DEPTH 4943
 PRES. MAX 1300 MINIMUM 150
 MEAS. LINE _____ SHOE JOINT 25"
 CEMENT LEFT IN CSG. _____
 PERFS. _____
 DISPLACEMENT 120 BBLs Fresh H₂O

EQUIPMENT
 PUMP TRUCK CEMENTER Justin Hart
 # 343 HELPER Mark Brungardt
 BULK TRUCK DRIVER Eric Brewer
 # 364
 BULK TRUCK DRIVER _____
 # _____

OWNER Globe Operating Co.
 CEMENT
 AMOUNT ORDERED 150 SX ASC + 5 #
Kal-seal 5# 3% FI-10
25 SX 60/40.6 For Rat + Mouse
500 gal ASF
 COMMON 15 @ 6.65 99.75
 POZMIX 10 @ 3.55 35.50
 GEL 1 @ 10.00 10.00
 CHLORIDE @ _____
ASC 150 @ 8.20 1230.00
Kal-SEAL 750 # @ .50 375.00
FL-10 42 # @ 8.00 336.00
ASF 500 GAL @ 1.00 500.00
 HANDLING 218 @ 1.10 239.80
 MILEAGE 218 - MINIMUM 100.00
 TOTAL 2926.05

REMARKS:

Pipe on Bottom Break Circ
Pump 10 BBLs ASF 5 BBLs Fresh H₂O
Plug Mouse 10 SX + Rat 15 SX 60/40.6
Mix 150 SX ASC @ 14.5 # - 42 BBLs
Shut down wash pump + lines
Release Plug + Disp 120 BBLs
of Fresh H₂O Pump plug 750 # +
300 # Release Press Float Held

SERVICE

DEPTH OF JOB 4970
 PUMP TRUCK CHARGE 1264.00
 EXTRA FOOTAGE @ _____
 MILEAGE @ 3.00 21.00
 PLUG 5 1/2 TRP @ 60.00 60.00
 @ _____
 @ _____

TOTAL 1345.00

CHARGE TO: Globe Operating Co.
 STREET P.O. Box 12
 CITY GREAT BEND STATE KANSAS ZIP 67530

FLOAT EQUIPMENT

5 1/2
1 - 6" wide Shoe @ 150.00 150.00
1 - AFU Insert @ 235.00 235.00
6 - Centralizers @ 50.00 300.00
 @ _____
 @ _____

TOTAL 685.00

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.

TAX _____
 TOTAL CHARGE 4956.05
 DISCOUNT 495.61 IF PAID IN 30 DAYS
4460.44

SIGNATURE Daryl Musgrave Daryl Musgrave
 PRINTED NAME



ORIGINAL

Globe Operating, Inc. 15-007-22697-0000

P.O. Box 12

Great Bend, Kansas 67530

(316) 792-7607

LEASE: Durell #1, Barber County, KS

Drill Stem Test #1 3697-3805'

Times: 30-30-30-30

Blow: Fair, decreasing

Recovery: 260' drilling mud

Pressures:	ISIP	820	psi
	FSIP	724	psi
	IFP	32-81	psi
	FFP	87-123	psi
	HSH	1789-1744	psi

Drill Stem Test #2 4457-4513'

Times: 30-45-45-45

Blow: Strong

Recovery: 900' gas in pipe
50' gas cut mud

Pressures:	ISIP	178	psi
	FSIP	221	psi
	IFP	54-57	psi
	FFP	62-63	psi
	HSH	2226-2202	psi

Drill Stem Test #3 4804-4833'

Times: 30-30-45-45

Blow: Strong

Recovery: 2900' gas in pipe
110' oil and gas cut mud
(10% gas, 25% oil, 65% mud)

60' heavy oil and gas cut mud
(30% gas, 30% mud, 40% oil)
60' very heavy oil and gas cut mud
(10% gas, 50% oil, 40% mud)

Pressures:	ISIP	1176	psi
	FSIP	1543	psi
	IFP	27-33	psi
	FFP	74-82	psi
	HSH	2350-2324	psi

RECEIVED
MAR 11 1992
3-11-92
KCC WICHITA

<u>Formation</u>	<u>Log Depth</u>	<u>Sub-Sea Datum</u>
Herington	1938	-197
Winfield	2006	-265
Towanda	2079	-338
Florence	2174	-433
Indian Cave	2754	-1013
Stotler	2991	-1250
Howard	3161	-1420
Elgin	3601	-1860
Heebner	3720	-1979
Douglas Sand	3820	-2079
Lower Douglas Sand	3842	-2101
Brown Lime	3897	-2156
Lansing	3905	-2164
Base Kansas City	4368	-2627
Marmaton	4376	-2635
Cherokee Shale	4466	-2725
Mississippian	4487	-2746
Kinderhook	4607	-2866
Viola	4740	-2999
Simpson Sand	4822	-3081
Lower Simpson Sand	4855	-3114
Arbuckle	4940	-3199
Rotary Total Depth	4970	-3229
Log Total Depth	4970	-3229

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

ORIGINAL