

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
September 1999  
Form Must Be Typed

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 6170  
Name: GLOBE OPERATING, INC.  
Address: P.O. Box 12  
City/State/Zip: Great Bend, KS 67530  
Purchaser: NCRA  
Operator Contact Person: Richard Stalcup  
Phone: (620) 792-7607  
Contractor: Name: Discovery Drilling Co., Inc.  
License: 31548  
Wellsite Geologist: Jim 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: \_\_\_\_\_  
Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_  
 Deepening     Re-perf.     Conv. to Enhr./SWD  
 Plug Back     Plug Back Total Depth  
 Commingled    Docket No. \_\_\_\_\_  
 Dual Completion    Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?)    Docket No. \_\_\_\_\_

2/25/02    3/4/02    3/5/02  
Spud Date or    Date Reached TD    Completion Date or  
Recompletion Date       Recompletion Date

**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 of 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: Richard Stalcup  
Title: Production Supt. Date: 5/17/02  
Subscribed and sworn to before me this 17th day of May,  
2002  
19  
Notary Public: Shirley A Bowers  
Date Commission Expires: 12/28/2003

SHIRLEY A. BOWERS  
Notary Public - State of Kansas  
My Appt. Expires

API No. 15 - 165-21,738-0000

County: Rush  
160° S & 30' W of  
N/2 NE SW Sec. 11 Twp. 18 S. R. 18W  East  West  
2150 feet from  S /  (circle one) Line of Section  
1950 feet from  N /  W (circle one) Line of Section

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

Lease Name: Alex Well #: 1

Field Name: Wildcat

Producing Formation: Arbuckle

Elevation: Ground: 2072 Kelly Bushing: 2080

Total Depth: 3860 Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at 1232 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 see 11-1-02  
(Data must be collected from the Reserve Pit)

Chloride content 17,000 ppm Fluid volume 400 bbls

Dewatering method used Evaporation

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

Operator Name: Pauls Oilfield Service, Inc

Lease Name H. Peterson #1 License No.: 31085

Quarter NE NE NW Sec. 7 Twp. 19 S. R. 15  East  West

County: BT Docket No.: D 22173

**KCC Office Use ONLY**  
 Letter of Confidentiality Attached  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
\_\_\_\_\_  
UIC Distribution

X

Operator Name: GLOBE OPERATING, C. Lease Name: Alex Well #: 1  
 Sec. 11 Twp. 18 S. R. 18w  East  West County: Rush

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

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: Radiation Guard Log

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

CASING RECORD <input checked="" type="checkbox"/> New <input checked="" 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 Pipe	12 1/4	8 5/8	23	1231.55	60/40Poz	425	2%Gel&3%CC
Production St.	7 7/8	5 1/2	14	3854	ASC	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
	3856-60 OPEN HOLE	250 gals 15% mud acid	

TUBING RECORD		Size	Set At	Packer At	Liner Run		
		2 7/8"	3856'			<input type="checkbox"/> Yes	<input type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr.			Producing Method				
3-20-02			<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 Bbbs.	Gas Mcf	Water Bbbs.	Gas-Oil Ratio	Gravity		
	20		100	40	40		

Disposition of Gas  Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled  
 (If vented, Sumit ACO-18.)  Other (Specify)



**Globe Operating, Inc.**

RECEIVED  
 JUN 12 2002  
 6-12-02  
 KCC WICHITA

P.O. Box 12

Great Bend, Kansas 67530

(316) 792-7607

LEASE: ALEX, Rush County, KS

<u>Formation</u>	<u>Log Depth</u>	<u>Sub-Sea Datum</u>
Anhydrite	1229	+851
Base Anhydrite	1260	+820
Heebner	3418	-1338
Toronto	3439	-1359
Lansing	3475	-1395
Base Kansas City	3738	-1658
Pawnee	3800	-1720
Basal Pennsylvanian Lime	3831	-1751
Arbuckle	3846	-1766
Rotary Total Depth	3860	-1780
Log Total Depth	3858	-1777

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

Drill Stem Test #1 3804-3855 (log 3802-3853)

Times: 45-45-60-60

Blow: Weak to fair

Recovery: 120' gas in pipe  
 75' clean gassy oil  
 80' oil cut mud

Pressures: ISIP 1232 psi  
 FSIP 1255 psi  
 IFP 70-82 psi  
 FFP 94-105 psi  
 HSH 1923-1923 psi

3853-3858'

Dolomite; gray and tan, fine to medium crystalline, fair intercrystalline porosity, scattered stain, show of free oil and faint odor in fresh samples (few sand inclusions).

Drill Stem Test #2 3854-3860 (log 3852-3858)

Times: 30-30-30-30

Blow: Strong

Recovery: 120' gas in pipe  
 175' clean gassy oil  
 50' mud cut gassy oil

Pressures: ISIP 1243 psi  
 FSIP 1243 psi  
 IFP 11-23 psi  
 FFP 70-92 psi  
 HSH 1889-1889 psi

15-165-21738-0000

ORIGINAL

# ALLIED CEMENTING CO., INC. 7579

Federal Tax I.D.# 48-0727860

ATTN: P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:  
Great Bend

DATE 2-26-02	SEC. 11	TWP. 18	RANGE 18 W	CALLED OUT 11:00 AM	ON LOCATION 1:00 PM	JOB START 3:15 PM	JOB FINISH 4:15 PM
WELL # Alex #1		LOCATION Rush Center - 1 East -			COUNTY Rush	STATE KS	
OR NEW (Circle one)		2 North - 1/2 East North into					

TRACTOR Discovery Drilling

TYPE OF JOB Surface pipe

PIPE SIZE 12 3/4 I.D. 12.32

PIPE SIZE 8 5/8 DEPTH 12.31

PIPE SIZE DEPTH

PIPE DEPTH

PIPE DEPTH

MAX 500 MINIMUM 200

S. LINE SHOE JOINT

MENT LEFT IN CSG.

S.

PLACEMENT

OWNER Globe Operating

CEMENT AMOUNT ORDERED 425 sy 60/40 342

COMMON	<u>255</u>	@	<u>6.65</u>	<u>1695.75</u>
POZMIX	<u>170</u>	@	<u>3.55</u>	<u>603.50</u>
GEL	<u>7</u>	@	<u>10.00</u>	<u>70.00</u>
CHLORIDE	<u>13</u>	@	<u>30.00</u>	<u>390.00</u>
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>445</u>	@	<u>1.10</u>	<u>489.50</u>
MILEAGE	<u>31</u>			<u>551.80</u>

**EQUIPMENT**

PUMP TRUCK CEMENTER Jack

HELPER Steve

TRUCK 344 DRIVER LARRY

TRUCK DRIVER

TOTAL \$ 3800.55

**REMARKS:**

31 jts of 8 5/8 - cement with  
5 sy cement - Displace plug with  
300 lbs of fresh water - cement  
circ

Thanks

**SERVICE**

DEPTH OF JOB	<u>12 31'</u>		
PUMP TRUCK CHARGE	<u>0-300'</u>		<u>520.00</u>
EXTRA FOOTAGE	<u>9 31</u>	@	<u>.50</u> <u>465.50</u>
MILEAGE	<u>31</u>	@	<u>3.00</u> <u>93.00</u>
PLUG 1 - 8 5/8 Rubber		@	<u>100.00</u> <u>100.00</u>
		@	
		@	

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JUN 12 2002  
6-12-02  
KCC WICHITA

TOTAL \$ 1178.50

ORDER TO: Globe Operating

ADDRESS: P.O. Box 12

CITY: Great Bend STATE: KS ZIP: 67530

**FLOAT EQUIPMENT**

	@	
	@	
	@	
	@	
	@	

TOTAL \_\_\_\_\_

Allied Cementing Co., Inc.  
 I am hereby requested to rent cementing equipment  
 furnish cementer and helper to assist owner or  
 tractor to do work as is listed. The above work was  
 done to satisfaction and supervision of owner agent or  
 tractor. I have read & understand the "TERMS AND  
 CONDITIONS" listed on the reverse side.

TAX - 0 -

TOTAL CHARGE \$ 4979.05

DISCOUNT \$ 497.91 IF PAID IN 30 DAYS

SIGNATURE Carl F. Goff

SIGNATURE Carl F. Goff  
PRINTED NAME

Net \$ 4481.14

15-165-21738-0000

ORIGINAL

# ALLIED CEMENTING CO., INC. 7580

Federal Tax I.D.# 48-0727860

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

SERVICE POINT:  
Great Bend

DATE <u>3-5-02</u>	SEC. <u>11</u>	TWP. <u>18</u>	RANGE <u>18</u>	CALLED OUT <u>7:00 am</u>	ON LOCATION <u>9:00 am</u>	JOB START <u>9:45 am</u>	JOB FINISH <u>1:30 pm</u>
LEASE <u>Alex</u>	WELL # <u>#1</u>	LOCATION <u>Push Center - 1 East - 2</u>			COUNTY <u>Push</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)				LOCATION <u>North - 2 East - North into</u>			

CONTRACTOR Discovery #2  
 TYPE OF JOB Long String 5 1/2 csg.  
 HOLE SIZE 7 1/2" ID. 3860  
 CASING SIZE 5 1/2 DEPTH 3854  
 TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_  
 PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT 23.49  
 CEMENT LEFT IN CSG. 23'  
 PERFS. \_\_\_\_\_  
 DISPLACEMENT 9.32 BBLs

OWNER Globe Operating Inc.

CEMENT AMOUNT ORDERED 100 sk ASC

EQUIPMENT  
 PUMP TRUCK CEMENTER Jack  
 # 120 HELPER Steve  
 BULK TRUCK  
 # 341 DRIVER LARRY  
 BULK TRUCK  
 # \_\_\_\_\_ DRIVER Jim W.

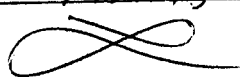
COMMON	<u>150 ASC</u>	@	<u>8.50</u>	<u>1275.00</u>
POZMIX	_____	@	_____	_____
GEL	_____	@	_____	_____
CHLORIDE	_____	@	_____	_____
_____	_____	@	_____	_____
_____	_____	@	_____	_____
_____	_____	@	_____	_____
_____	_____	@	_____	_____
_____	_____	@	_____	_____
HANDLING	<u>150</u>	@	<u>1.10</u>	<u>165.00</u>
MILEAGE	<u>31</u>			<u>186.00</u>

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KCC WICHITA

TOTAL \$ 1626.00

REMARKS:

Ran 95 jts 5 1/2 csg cement  
with 125 sk cement - Displace  
plug with 9.32 BBLs Fresh water  
Plug did Hold -  
Ran hole 15 sk -  
Down hole 10 sk -

Thanks  


CHARGE TO: Globe Operating Inc.  
STREET PO Box 12  
CITY Great Bend STATE Ko ZIP 67530

SERVICE

DEPTH OF JOB	<u>3854'</u>			
PUMP TRUCK CHARGE				<u>1130.00</u>
EXTRA FOOTAGE	_____	@	_____	_____
MILEAGE	<u>31</u>	@	<u>3.00</u>	<u>93.00</u>
PLUG	_____	@	_____	_____
_____	_____	@	_____	_____
_____	_____	@	_____	_____

TOTAL \$ 1223.00

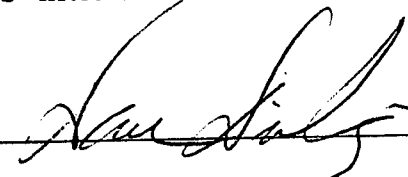
FLOAT EQUIPMENT

<u>1-5 1/2 packer shoe</u>			<u>1325.00</u>	<u>1325.00</u>
<u>5-5 1/2 centralizers</u>	@	<u>50.00</u>		<u>250.00</u>
<u>1-5 1/2 hatch on Plug</u>	@	<u>350.00</u>		<u>350.00</u>
_____	@	_____		_____
_____	@	_____		_____
_____	@	_____		_____

TOTAL \$ 1925.00

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 0  
TOTAL CHARGE \$ 4774.00  
DISCOUNT \$ 477.40 IF PAID IN 30 DAYS

SIGNATURE 

DAVE DREILING  
PRINTED NAME

Net \$ 4296.60

15-165-21738-0000

JAMES C. MUSGROVE

Petroleum Geologist

P.O. Box 1162

Great Bend, KS 67530

ORIGINAL

Office (316) 792-7716

Res. Claflin (316) 587-3444

Globe Operating Inc.

Alex #1

160' South & 30' West; N/2-NE-SE

(2150' FSL & 1950' FWL)

Section 11-18s-18w

Rush County, Kansas

Page No. 1

RECEIVED  
JUN 12 2002  
6-12-02  
KCC WICHITA

**5 1/2" Production Casing Set**

**Contractor:** Discovery Drilling Company (Rig #2)

**Commenced:** February 25, 2002

**Completed:** March 4, 2002

**Elevation:** 2080' K.B.; 2078' D.F.; 2072' G. L.

**Casing Program:** Surface; 8 5/8" @ 1232'  
Production; 5 1/2" @ 3854'

**Samples:** Samples saved and examined.

**Drilling Time:** One (1) foot drilling time recorded and kept to the Rotary Total Depth.

**Measurements:** All depths measured from the Kelly Bushing.

**Formation Testing:** There were two (2) Drill Stem Tests ran by Arrow Testing Co.

**Electric Log:** By Log Tech; Radiation Guard Log.

<u>Formation</u>	<u>Log Depth</u>	<u>Sub-Sea Datum</u>
Anhydrite	1229	+851
Base Anhydrite	1260	+820
Heebner	3418	-1338
Toronto	3439	-1359
Lansing	3475	-1395
Base Kansas City	3738	-1658
Pawnee	3800	-1720
Basal Pennsylvanian Lime	3831	-1751
Arbuckle	3846	-1766
Rotary Total Depth	3860	-1780
Log Total Depth	3858	-1777

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

**SAMPLE ANALYSIS, SHOWS OF OIL, TESTING DATA, ETC.**

**TOPEKA SECTION**

3323-3348' Limestone; gray to white, finely crystalline, fossiliferous, fair porosity, plus trace tan chert and white chalk.

3353-3380' Limestone; tan and buff, finely crystalline, oocastic, fair pinpoint to oocastic porosity, (barren), no shows.

3380-3390' Limestone; as above, trace white chert.

Globe Operating Inc.  
 Alex #1  
 160' South & 30' West; N/2-NE-SE  
 (2150' FSL & 1950' FWL)  
 Section 11-18s-18w  
 Rush County, Kansas  
 Page No. 2

RECEIVED  
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 6-12-02  
 KCC WICHITA

3398-3411' Limestone; tan to cream and gray, fossiliferous, fair to good fossil cast porosity, trace gray, fossiliferous chert.

### TORONTO SECTION

3438-3450' Limestone; white, chalky, fossiliferous, poor porosity, no shows.

### LANSING SECTION

3475-3484' Limestone; white to cream, finely crystalline, fossiliferous, chalky in part, no shows.

3498-3506' Limestone; tan, oolitic, oocastic, fair oocastic porosity, spotty brown stain, trace of free oil and questionable odor in fresh samples.

3521-3530' Limestone; gray to white, finely crystalline, dense.

3530-3536' Limestone as above, plus white chalky and gray chert.

3551-3555' Limestone; tan to gray, oolitic chalky, trace poor brown stain, no show of free oil and questionable odor in fresh samples.

3574-3586' Limestone; gray to tan, oocastic, good oocastic porosity, (barren).

3623-3628' Limestone; gray to tan, fossiliferous in part, poor visible porosity, golden brown edge staining, no show of free oil or odor in fresh samples.

3646-3651' Limestone; gray to white, chalky in part, poorly developed porosity, no shows.

3666-3683' Limestone; as above, fossiliferous.

3687-3700' Limestone; tan to gray, fossiliferous, cherty in part, dense, poor porosity.

3714-3724' Limestone; tan, finely oolitic, dense, no shows.

### MARMATON SECTION

3747-3752' Limestone; cream to tan, chalky, plus gray to white chert.

3760-3780' Limestone; white to cream, finely crystalline, fossiliferous, plus chert as above.

### PAWNEE SECTION

3800-3811' Limestone; tan to white, chalky (poor samples).

### BASAL PENNSYLVANIAN LIMESTONE SECTION

3831-3845' Limestone; gray to tan, finely crystalline, chalky in part, no shows.

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6-12-02  
KCC WICHITA

**ARBUCKLE SECTION**

3846-3853' Dolomite; tan and gray, fine to medium crystalline, scattered porosity, trace brown stain, trace of free oil and faint odor in fresh samples.

**Drill Stem Test #1 3804-3855 (log 3802-3853)**

Times: 45-45-60-60

Blow: Weak to fair

Recovery: 120' gas in pipe  
75' clean gassy oil  
80' oil cut mud

Pressures: ISIP 1232 psi  
FSIP 1255 psi  
IFP 70-82 psi  
FFP 94-105 psi  
HSH 1923-1923 psi

3853-3858' Dolomite; gray and tan, fine to medium crystalline, fair intercrystalline porosity, scattered stain, show of free oil and faint odor in fresh samples (few sand inclusions).

**Drill Stem Test #2 3854-3860 (log 3852-3858)**

Times: 30-30-30-30

Blow: Strong

Recovery: 120' gas in pipe  
175' clean gassy oil  
50' mud cut gassy oil

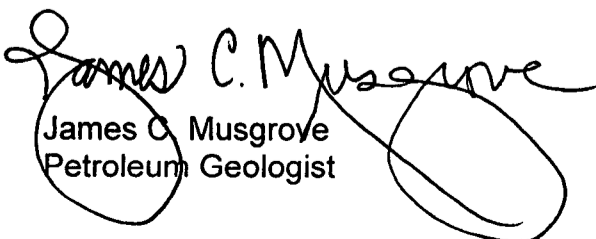
Pressures: ISIP 1243 psi  
FSIP 1243 psi  
IFP 11-23 psi  
FFP 70-92 psi  
HSH 1889-1889 psi

Rotary Total Depth 3860 (-1780)  
Log Total Depth 3858 (-1778)

**Recommendations:**

On the basis of the favorable structural position and the positive results of the Drill Stem Tests, it was recommended by all parties involved to set and cement 5 1/2" production casing at 3854' (six foot off bottom) and the Alex #1 be completed in the Arbuckle Dolomite by open hole completion methods.

Respectfully submitted;

  
James C. Musgrove  
Petroleum Geologist