

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

Operator: License # 6170

Name: GLOBE OPERATING, INC.

Address P.O. Box 12

City/State/Zip Great Bend, Kansas 67530

Purchaser: \_\_\_\_\_

Operator Contact Person: Richard Stalcup

Phone (316) 792-7607

Contractor: Name: Discovery Drilling Co., Inc.

License: 31548

Wellsite Geologist: James Musgrove

Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover

☐ Oil ☐ SWD ☐ SIOW ☐ Temp. Abd.

☐ Gas ☐ ENHR ☐ SIGW

☒ Dry ☐ Other (Core, VSW, Expl. Cathodic, etc)

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

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

☐ Deepening ☐ Re-perf. ☐ Conv. to Inj/SWD

☐ Plug Back ☐ PBTD

☐ Commingled ☐ Docket No. \_\_\_\_\_

☐ Dual Completion ☐ Docket No. \_\_\_\_\_

☐ Other (SWD or Inj?) ☐ Docket No. \_\_\_\_\_

9/16/99 9/23/99 9/23/99

Spud Date Date Reached TD Completion Date

API NO. 15- 3-21,539 0000 **COPY**

County Gove

NW SW NE Sec. 32 Twp. 14S Rge. 30W X

1650 Feet from S (circle one) Line of Section

2310 Feet from E (circle one) Line of Section

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

Lease Name Broadhurst "A" Well # 1

Field Name Butterfield-Overland SE

Producing Formation None

Elevation: Ground 2690 KB 2698

Total Depth 4444 PBTD \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at 221.10 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/ \_\_\_\_\_ in cmt

Drilling Fluid Management Plan RA, 11-3-99 UR  
(Data must be collected from the Reserve Pit)

Chloride content 9,000 ppm Fluid volume 400 bbl.

Dewatering method used Evaporation

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

Operator Name \_\_\_\_\_

Lease Name \_\_\_\_\_ License No. \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S Rng. \_\_\_\_\_ E/W

County \_\_\_\_\_ Docket No. \_\_\_\_\_

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.

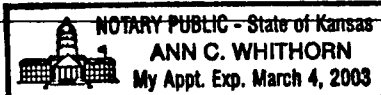
Signature Paul Stalcup

Title President Date 10/12/99

Subscribed and sworn to before me this 12th day of October, 19 99.

Notary Public Ann C. Whithorn

Date Commission Expires: \_\_\_\_\_



K.C.C. OFFICE USE ONLY		
F	<input type="checkbox"/> Letter of Confidentiality Attached	
C	<input 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)		

Operator Name GLOBE OPERATING, INC. Lease Name Broadhurst "A" Well # 1  
 Sec. 32 Twp. 14s Rge. 30w ☐ East ☒ West County Gove

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 hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach 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:

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

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 Pipe	12 $\frac{1}{4}$	8 5/8	20	221.10	60/40Poz	175	2%Gel&3%CC

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		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(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, Resumed Production, SWD or Inj.			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 ☐ Perf. ☐ Dually Comp. ☐ Commingled ☐ Other (Specify) \_\_\_\_\_

Production 1 \_\_\_\_\_



COPY

# lobe Operating, Inc.

P.O. Box 12

Great Bend, Kansas 67530

(316) 792-7607

LEASE: Broadhurst "A" #1

Gove County, KS

FORM ACO-1

<u>Formation</u>	<u>Log Depth</u>	<u>Sub-Sea Datum</u>
Anhydrite	2140	+558
Base Anhydrite	2172	+526
Topeka	3526	-828
Heebner	3758	-1060
Toronto	3782	-1084
Lansing	3796	-1098
Base Kansas City	4122	-1424
Marmaton	4148	-1450
Pawnee	4244	-1546
Myrick Station	4279	-1581
Fort Scott	4302	-1604
Cherokee	4330	-1632
Johnson Zone	4372	-1674
Cherokee/Conglomerate Sand	4401	-1703
Mississippian	4414	-1716
Rotary Total Depth	4444	-1746

## Drill Stem Test #1

4260-4298'

Times: 20-20-20-20

Blow: Very weak for 20 minutes

Recovery: 30' mud, show of oil on top

Pressures:	ISIP	400	psi
	FSIP	400	psi
	IFP	47-47	psi
	FFP	58-58	psi
	HSH	2208-2208	psi

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STATE OIL AND GAS COMMISSION

OCT 14 1970

STATE OIL AND GAS COMMISSION  
Topeka, Kansas

Office (316) 792-7716

Res. Claflin (316) 587-3444

Globe Operating Inc.  
Broadhurst 'A' #1  
NW-SW-NE; Section 32-14s-30w  
Gove County, Kansas  
Page No. 1

Dry and Abandoned

**Contractor:** Discovery Drilling Company

**Commenced:** September 16, 1999

**Completed:** September 25, 1999

**Elevation:** 2698' K.B.; 2695' D.F.; 2690' G. L.

**Casing Program:** Surface; 8 5/8" @ 221'  
Production; None

**Samples:** Samples saved and examined 3400' to the Rotary Total Depth.

**Drilling Time:** One (1) foot drilling time recorded and kept 3400' to the Rotary Total Depth.

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

**Formation Testing:** There was one (1) Drill Stem Tests ran by Arrow Testing Co.

**Electric Log:** None.

<u>Formation</u>	<u>Log Depth</u>	<u>Sub-Sea Datum</u>
Anhydrite	2140	+558
Base Anhydrite	2172	+526
Topeka	3526	-828
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Cherokee	4330	-1632
Johnson Zone	4372	-1674
Cherokee/Conglomerate Sand	4401	-1703
Mississippian	4414	-1716
Rotary Total Depth	4444	-1746

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

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

TOPEKA SECTION

3564-3574' Limestone; gray to tan, fossiliferous, fair to good porosity, no shows.

3584-3592' Limestone; as above, no shows.

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STATE COMMISSION

OCT 14 1999

STATE COMMISSION  
KANSAS

3601-3616'	Limestone; as above.
3670-3676'	Limestone; gray, oolitic, (fossiliferous), fair to good porosity, trace gray chert.
3708-3713'	Limestone; gray to tan, finely crystalline, fossiliferous, few granular, no shows.
3722-3734'	Limestone; gray to white, fossiliferous, gray to white chert, no shows.

#### **TORONTO SECTION**

3782-3786'	Limestone; gray to white, fossiliferous, cherty, plus trace gray white chert, questionable stain, no show of free oil or odor in fresh samples.
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#### **LANSING SECTION**

3796-3806'	Limestone; gray to tan, oocastic, fair to good oocastic porosity, chalky in part, no shows.
3834-3844'	Limestone; tan to gray, fossiliferous, cherty, (dense).
3856-3866'	Limestone; gray to white, fossiliferous chalky, poor visible porosity, no shows.
3888-3896'	Limestone; tan to gray, fossiliferous, cherty increasingly chalky, poorly developed porosity, no shows.
3910-3921'	Limestone; tan, oocastic, good oocastic porosity, (barren), trace white opaque chert.
3976-3986'	Limestone; tan, oolitic, oocastic, poorly developed oocastic porosity, no shows.
4024-4032'	Limestone; gray, fossiliferous cherty, plus white to amber, fossiliferous, chert, no shows.
4054-4059'	Limestone; tan to gray, finely crystalline, few very slightly granular, poor visible porosity, no shows.
4082-4092'	Limestone; tan to gray, fine to medium crystalline, sparry calcite cement, poor porosity, no shows.
4101-4108'	Limestone; tan to gray, finely crystalline, chalky, no shows.

#### **MARMATON SECTION**

4160-4180'	Limestone; tan to brown, fine to medium crystalline, slightly cherty, no shows.
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#### **PAWNEE SECTION**

4244-4260'	Limestone; gray to tan, chalky, dense to gray, dark gray, fossiliferous opaque chert.
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STATE OF KANSAS DEPARTMENT OF REVENUE

OCT 14 1999

DEPARTMENT OF REVENUE  
TOPEKA, KANSAS

4279-4292' Limestone; gray to tan, few fossiliferous, chalky in part, poor visible porosity, questionable stain, couple pieces poor show of free oil and no odor in fresh samples.

**Drill Stem Test #1** **4260-4298'**

**Times:** 20-20-20-20

**Blow:** Very weak for 20 minutes

**Recovery:** 30' mud, show of oil on top

Pressures:	ISIP	400	psi
	FSIP	400	psi
	IFP	47-47	psi
	FFP	58-58	psi
	HSH	2208-2208	psi

4302-4320' Limestone; tan to gray, fine to medium crystalline, chalky, poor porosity, no shows.

4320-4330' Limestone: as above, no shows.

4340-4343' Limestone; tan to gray, finely crystalline, cherty in part, no shows.

4372-4376' Limestone; gray to tan, fossiliferous, chert, poor visible porosity, no shows.

4385-4390' Limestone; as above, abundant white chalky limestone and white chalk.

4401-4414'	Sand; white to green to red, very fine grain, shaley, poorly developed, no shows.
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4414-4420' Limestone; white, medium crystalline, chalky, plus tan to yellow opaque chert.

4420-4430' Limestone; gray, oolitic, chalky, plus yellow to gray, fossiliferous chalky limestone.

4430-4444' Limestone; tan to gray to pink to yellow, oolitic, sandy, chalky, no shows.

**Rotary Total Depth4444 (-1746)**

STATE OF NEW YORK COMMISSION

OCT 9 1969

48. *Chlorophyll *a* and *b* content*

Globe Operating Inc.  
Broadhurst 'A' #1  
NW-SW-NE; Section 32-14s-30w  
Gove County, Kansas  
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**Recommendations:**

On the basis of the low structural position and the negative Drill Stem Test it was recommended by all parties involved to plug and abandoned the Broadhurst 'A' #1 at the Rotary Total Depth 4444' (1746).

Respectfully submitted;

A handwritten signature in black ink, reading "James C. Musgrove". The signature is fluid and cursive, with a large, stylized "M" and "G".

James C. Musgrove  
Petroleum Geologist

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STATE OF KANSAS COMMISSION

OCT 1 8 1911

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