

FEB 08 2000

ORIGINAL

FORM MUST BE TYPED

SIDE ONE

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

API NO. 15- 121-274570000

CONSERVATION DIVISION
WICHITA, KS

County Miami

- W/2 - NW - NW Sec. 23 Twp. 15 Rge. 24 X E

620 feet from S (N) (circle one) Line of Section

380 feet from E (W) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner

NE, SE, (NW) or SW (circle one)

Lease Name Foots Well # 7A-23

Field Name Stilwell

Producing Formation Bartlesville

Elevation: Ground 1100 KB

Total Depth 730 PBTB

Amount of Surface Pipe Set and Cemented at 20 Feet

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set N/A Feet

If Alternate II completion, cement circulated from 724

feet depth to surface w/ 95 sx cmt.

Alt 2-Dlg 3/4/09

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)

Chloride content NA ppm Fluid volume 500+/- bbls

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.

Operator: License # 32294

Name: OSBORN ENERGY L.L.C.

Address: 9401 Indian Creek Pkwy., #40, Suite 440

City/State/Zip Overland Park, KS 66210

Purchaser: AKAWA Natural Gas, L.L.C.

Operator Contact Person: Steve Allee

Phone (913) 327-1831

Contractor: Name: R.S. Glaze Drilling Co.

License: 5885

Wellsite Geologist: Rex Ashlock

Designate Type of Completion

X New Well Re-Entry Workover

 Oil SWD SIOW Temp. Abd.

X Gas ENHR X 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.

3/24/99 4/1/99 waiting on completion
Spud Date Date Reached TD Completion 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 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 Geologist Date 6-16-99

Subscribed and sworn to before me this 16th day of June, 19 99.

Notary Public Sue D. Howard

Date Commission Expires 4-10-02

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received

Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)

SUSAN L. FORWARD
Notary Public
State of Kansas
My Appt. Expires 4-10-02

SIDE TWO

Operator Name Osborn Energy, L.L.C. Lease Name Foote Well # 1A-23
 Sec. 23 Twp. 15 Rge. 24 East County Miami
 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 (Attach Additional Sheets.) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run (Submit Copy.) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No List All E.Logs Run: <u>Gamma Ray/ Neutron Log</u>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datums <input type="checkbox"/> Sample Name Top Datum Drillers Log Attached RECEIVED KANSAS CORPORATION COMMISSION <p style="text-align: center; font-size: 1.2em;">FEB 10 2000</p> <p style="text-align: center;">CONSERVATION DIVISION WICHITA, KS</p>
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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	11"	8 5/8"	24	20'	Portland	5	None
Production	6 3/4"	4 1/2"	10 1/2"	724'	50/50 Poz-Mix	95	2% gel, 4% gilsonite 3% cal, 3% salt

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
	Waiting on completion	Waiting to be completed

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. N/A			Producing Method N/A <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil N/A	Bbl.	Gas N/A	Mcf	Water N/A	Bbls. Gas-Oil Ratio Gravity

Disposition of Gas Vented Sold Used on Lease

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled

Production Interval _____

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

ORIGINAL

L.S. GLAZE WELL LOG COMPANY



22138 S. VICTORY RD. • SPRING HILL, KANSAS, 68083 • MIAMI
Phone 913 562 2035 • Fax 913 686 2447

WELL DRILLERS LOGGING REPORT

THICKNESS	FORMATION	TOTAL DEPTH	COMMENTS
21	Surface	2	
75	Lime	96	
50	Shale	146	
8	Lime	154	
33	Shale	187	
6	Lime	193	
29	Shale	222	
12	Lime	234	
13	Shale	247	
10	Lime	257	
2	Shale	259	
11	Lime	270	
2	Shale	272	
2	Blk. Slate	274	
3	Shale	277	
22	Lime	299	
2	Shale	301	
2	Blk. Slate	303	WATER
3	Lime	306	
5	Shale	311	
8	Lime	319	Hertha
5	Shale	324	
2	Sand (brown)	326	
3	Shale (sway)	329	
20	Shale	349	
5	Sand (brown)	354	oil show (small GAS)
3	Shale (sway)	357	
115	Shale	472	
1	Blk. Slate	473	
21	Shale	494	
4	Red Bed	498	
5	Shale	503	
10	Lime	509	

RECEIVED
KANSAS CORPORATION COMMISSION

FEB 10 2000

CONSERVATION DIVISION
WICHITA KS

1-23 (1A-23) Foote
WELL # _____ LEASE NAME _____ PRODUCER OSBORN START DATE _____

ORIGINAL

WELL DRILLERS LOGGING REPORT
THICKNESS FORMATION TOTAL DEPTH COMMENTS

THICKNESS	FORMATION	TOTAL DEPTH	COMMENTS
4	Shale	513	
2	Lime	515	
4	Shale	519	
9	Lime	528	
18	Shale	546	
3	Lime	549	
3	Blk. Slate	552	
3	Shale	555	
2	Lime	557	
4	Shale	561	
6	Lime	567	
12	Red Bed	578	
12	Shale	590	
1	Blk. Slate	591	
19	Shale	610	
1	Blk. Slate	611	
64	Shale	675	
1	Sandy Lime	676	
2	Sandstone	678	
2	Shale (sandy)	680	
10	Shale	690	
1	Blk. Slate	691	
39	Shale	730	original T.D.
4	Shale (Dark)	734	
1	Blk. Slate	735	
7	Shale	742	
40	Shale	782	final T.D.

RECEIVED
KANSAS CORPORATION COMMISSION

FEB 00 2000

CONSERVATION DIVISION
WICHITA, KS

ORIGINAL

CONSOLIDATED INDUSTRIAL SERVICES, INC.
211 W. 14TH STREET, CHANUTE, KS 66720
316-431-9210 or 800-467-9676

TICKET NUMBER 09353

LOCATION Ottawa

FOREMAN Alan Mader

P.O. 884241

TREATMENT REPORT

DATE 3-26-99	CUSTOMER ACCT # 6073	WELL NAME Footc 1A-23	QTR/QTR	SECTION 23	TWP 15	RGE 24	COUNTY M.	FORMATION
CHARGE TO Osborn Energy				OWNER Jim Osborn				
MAILING ADDRESS 9401 Indian Creek Pkwy				OPERATOR Rex Ashlock				
CITY Overland Park				CONTRACTOR B.S. Glaze				
STATE KS		ZIP CODE 66210		DISTANCE TO LOCATION 40.				
TIME ARRIVED ON LOCATION 6:20				TIME LEFT LOCATION 7:30				

WELL DATA	
HOLE SIZE	6 3/4
TOTAL DEPTH	730
CASING SIZE	4 1/2
CASING DEPTH	724
CASING WEIGHT	
CASING CONDITION	
TUBING SIZE	
TUBING DEPTH	
TUBING WEIGHT	
TUBING CONDITION	
PACKER DEPTH	
PERFORATIONS	
SHOTS/FT	
OPEN HOLE	
TREATMENT VIA	

TYPE OF TREATMENT	
<input type="checkbox"/> SURFACE PIPE	<input type="checkbox"/> ACID BREAKDOWN
<input checked="" type="checkbox"/> PRODUCTION CASING	<input type="checkbox"/> ACID STIMULATION
<input type="checkbox"/> SQUEEZE CEMENT	<input type="checkbox"/> ACID SPOTTING
<input type="checkbox"/> PLUG & ABANDON	<input type="checkbox"/> FRAC
<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> FRAC + NITROGEN
<input type="checkbox"/> MISC PUMP	<input type="checkbox"/> FOAM FRAC
<input type="checkbox"/> OTHER	<input type="checkbox"/> NITROGEN

PRESSURE LIMITATIONS (D)		
	KAN	THEORETICAL
SURFACE PIPE		COM INSTRUCTED
ANNULUS LONG STRING		
TUBING		

FEB 00 2000

INSTRUCTIONS PRIOR TO JOB

CONSERVATION DIVISION
WICHITA, KS

JOB SUMMARY

DESCRIPTION OF JOB EVENTS Pumped 20 bbls salt water to flush well. Mixed & pumped 6 bbl of dye followed by 95.9x @ 50/50 2% gel, 4% gilsonite, 3% cal., 3% salt. Circulated dye to surface. Pumped 4 1/2 rubber plug to ring at 714'. Circulated cem to surface. Left 100# pressure on well.

PRESSURE SUMMARY	
BREAKDOWN or CIRCULATING	psi
FINAL DISPLACEMENT	psi
ANNULUS	psi
MAXIMUM	psi
MINIMUM	psi
AVERAGE	psi
ISIP	psi
5 MIN SIP	psi
15 MIN SIP	psi

TREATMENT RATE	
BREAKDOWN BPM	
INITIAL BPM	
FINAL BPM	
MINIMUM BPM	
MAXIMUM BPM	
AVERAGE BPM	
HYD HHP = RATE x PRESSURE x 40.8	

AUTHORIZATION TO PROCEED

TITLE

DATE

ALL THE TERMS AND CONDITIONS STATED ON THE REVERSE SIDE ARE INCORPORATED AS PART OF THIS SALE.

NSC-15100

ORIGINAL

ORDER NO.

~~5710~~

PURCHASE ORDER

TO Jim Osborn

SHIP TO R.S. Glaze Drls

ADDRESS _____

ADDRESS _____

CITY _____

CITY _____

QTY	UNIT	DESCRIPTION	PRICE	AMOUNT	DATE
Bx		Footc. 1A-23 P.O.#	88444		
1	730'	1" dia drlg at 6 ⁵⁰ per ft.		\$ 4745. ⁰⁰	
2		Surface casing		135. ⁰⁰	
3		Cement		35. ⁰⁰	
4		2 hrs rigtime setting surface			FEB 00 2000
5					
6					CONSERVATION DIVISION WICHITA, KS
7					
8	3/31-	moved 2nd rig on location, drilled			
9		plug up & took hole deeper			
10	9 hrs	rigtime @ 125 ⁰⁰ per hr.		1125. ⁰⁰	
11					
12	4/1-	cleaned out, pulled drill rod, logged			
13		top down etc.			
14	4 1/2 hrs	rigtime @ 125 ⁰⁰ per hr.		562. ⁵⁰	
15					
16					
17					
18					
19		total amt due		\$ 6852. ⁵⁰	
20					
21		Chucks, Susie			
22					

OUR ORDER NUMBER MUST APPEAR ON ALL INVOICES, PACKAGES, ETC.

PLEASE NOTIFY US IMMEDIATELY IF YOU ARE UNABLE TO SHIP COMPLETE ORDER BY DATE SPECIFIED.

PLEASE SEND

COPIES OF YOUR INVOICE WITH ORIGINAL BILL OF LADING

PURCHASING AGENT

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

Operator: License # 32294

Name: Osborn Energy, L.L.C.

Address 24850 Farley

City/State/Zip Bucyrus, Kansas 66013

Purchaser: Akawa Natural Gas, L.L.C.

Operator Contact Person: Steve Allee

Phone (913) 533-9900

Contractor: Name: R. S. Glaze Drilling Company

License: 5885

Wellsite Geologist: Rex Ashlock

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD SOW 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 PBTD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

3/24/99 4/1/99 waiting on completion
Spud Date Date Reached TD Completion Date

API NO. 15- 121-27457-0000

County Johnson

W/2 - NW - NW Sec. 23 Twp. 15 Rge. 24 E W

620 Feet from S/N (circle one) Line of Section

380 Feet from E/N (circle one) Line of Section

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

Lease Name Foote Well # 1A-23

Field Name Stilwell

Producing Formation Bartlesville

Elevation: Ground 1100' KB N/A

Total Depth 730' PBTD N/A

Amount of Surface Pipe Set and Cemented at 20 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set N/A Feet

If Alternate II completion, cement circulated from 724

feet depth to surface w/ 95 sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)

Chloride content N/A ppm Fluid volume 500+/- bbls

Dewatering method used evaporation

Location of fluid disposal if hauled offsite:

Operator Name _____

Lease Name _____ License No. _____

Quarter Sec. _____ Twp. _____ S Rng. WICHITA, KS E/W

County _____ Docket No. _____

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 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 _____
Title Geologist Date 6-6-01
Subscribed and sworn to before me this 6 day of JUNE,
19 2001
Notary Public W.M. Osborn
Date Commission Expires 3-6-02

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received

Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)

Notary Public - State of Kansas
WILLIAM M. OSBORN
My Appl. Exp. 3-6-02

SIDE TWO

Operator Name Osborn Energy, L.L.C. Lease Name Foote Well # 1A-23
 Sec. 23 Twp. 15 Rge. 24 East West
 County Johnson

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 (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Log Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Electric Log Run (Submit Copy.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		

List All E.Logs Run:

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

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
* 4	551.0' - 555.0'	* 200 gal. 15% HCl	

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	N/A			
Date of First, Resumed Production, SMD or Inj. waiting on completion	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
	N/A			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity
	N/A			N/A N/A

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

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

Production Interval _____

Partial

ORIGINAL



INVOICE
MIDWEST SURVEYS
LOGGING • PERFORATING • CONSULTING SERVICES
P. O. Box 68
Osawatomie, KS 66064
913 / 755-2128

OUR NO.
13997

S
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Osborn Energy, L.L.C.
24850 Farley
Bucyrus, Kansas 66013

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Foote Lease
Well No. 1A-23
Miami County, Kansas

PLEASE USE THIS INVOICE FOR PAYMENT
NO MONTHLY STATEMENTS RENDERED

CUSTOMER ORDER NO.	SALESMAN	DATE SHIPPED	SHIPPED VIA	INVOICE DATE	TERMS
P.O. # 184513		4-17-2001			
QUANTITY	DESCRIPTION			PRICE	AMOUNT
17 ea	3 1/8" Densi Jet-X HSC 90° Phase Four (4) Perforations Per Foot Minimum Charge - Ten (10) Perforations Seven (7) Additional Perforations @ \$ 17.00 ea Portable Mask Charge			\$ 625.00	\$ 625.00
				\$ 119.00	\$ 119.00
				\$ 20.00	\$ 20.00
	Perforated at 551.0 to 555.0				
	NET DUE UPON RECEIPT <small>Late Charge of 1-1/2% per Month on Accounts over 30 Days.</small>			TOTAL	\$ 764.00

White-Customer Canary-Accounting

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KANSAS CORPORATION COMMISSION

JUN 12 2001

CONSERVATION DIVISION
WICHITA, KS

Form 313
WELL WORKOVER REPORT

4-2-99
Foote 1A

Osborn Energy

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KANSAS CORPORATION COMMISSION

JUN 12 2001

TUBING BREAK		ROD PAKT		CONSERVATION DIVISION WICHITA, KS	

4 1/2 Pipe at 721 ft
1. R. - 2NH open hole

Load hole, Pump 200 gals of 15% Hcl acid down hole,
When acid hit pressure went to 900# & fell back
to 650#, Pump 100 BBL of water - 5 BPM at 650# Show down
to 3 BPM at 400#, ISIP 350# Shut well for Fall-off
Test.

TOTAL DEPTH					
DAILY PRGD					
PRODUCTION METHOD	OIL	WATER	OIL	WATER	