

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

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  
 New Well  Re-Entry  Workover  
 Oil  SWD  SIOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, etc)

If Workover:  
\* Operator: OSBORN ENERGY, L.L.C  
Well Name: Heartland 1  
Comp. Date WOC Old Total Depth 980'  
 Deepening  Re-perf.  Conv. to Inj/SWD  
 Plug Back  PBTD  
 Conmingled  Docket No.   
 Dual Completion  Docket No.   
 Other (SWD or Inj?)  Docket No.   
\* 3/31/99 10/10/98 waiting on completion  
Spud Date            Date Reached TD            Completion Date           

API NO. 15- 091-228790001  
County Johnson  
10'N of- NW - SW - SW Sec. 6 Twp. 15 Rge. 24  E  W  
1000 feet from  N (circle one) Line of Section  
4950 feet from  W (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner  
NE,  SE, NW or SW (circle one)  
Lease Name Heartland Well # 1  
Field Name Stilwell  
Producing Formation N/A  
Elevation: Ground 1048' KB   
Total Depth 980' PBTD   
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 973'  
feet depth to surface w/ 165 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.  E/W  
County  Docket No.

*Alt 2-Dlg-3/2/09*

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 16<sup>th</sup> day of June 19 99.  
Notary Public Susan Forward  
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

DEC 21 2000

CONSERVATION DIVISION  
WICHITA, KS

Operator Name Osborn Energy, L.L.C. Lease Name Heartland Well # 1  
 Sec. 6 Twp. 15 Rge. 24  East County Johnson  
 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	<input type="checkbox"/> Log	Formation (Top), Depth and Datums	<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 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	Depth Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
___ Perforate					
___ Protect Casing					
___ Plug Back TD					
___ 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
6	520.0'-523.0'	
* 4	520.0'-523.0'	

TUBING RECORD      Size      Set At      Packer At      Liner Run      Yes  No

Date of First, Resumed Production, SWD or Inj.      Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)  
 Waiting on completion      N/A

Estimated Production Per 24 Hours	Oil N/A	Bbl.	Gas SIGW	Mcf	Water N/A	Bbls.	Gas-Oil Ratio	Gravity
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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)      SIGW

1-21-2001

FEB 00 2000

\* CORRECTED

FORM MUST BE TYPED

SIDE ONE

ORIGINAL  
OIL & GAS CONSERVATION DIVISION  
WICHITA, KANSAS

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

API NO. 15- 091-228790001

County Johnson

10'N of- NW - SW - SW Sec. 6 Twp. 15 Rge. 25 X E

1000 feet from (S)N (circle one) Line of Section

4950 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 Heartland Well # 1

Field Name Stilwell

Producing Formation N/A

Elevation: Ground 1048' KB

Total Depth 980' PBSD

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 973'

feet depth to surface w/ 165 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. 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

New Well Re-Entry X Workover

Oil SWD SIOW Temp. Abd.

X Gas ENHR x SIGW

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

If Workover:

\* Operator: OSBORN ENERGY, L.L.C

Well Name: Heartland 1

Comp. Date WOC Old Total Depth 980'

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

Plug Back PBSD

Commingled Docket No.

Dual Completion Docket No.

Other (SWD or Inj?) Docket No.

\* 3/31/99 10/10/98 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 16<sup>th</sup> day of June 19 99.  
Notary Public *[Signature]*  
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 Heartland Well # 1
County Johnson
Sec. 6 Twp. 15 Rge. 24 East 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.)
Samples Sent to Geological Survey
Cores Taken
Electric Log Run (Submit Copy.)
List All E.Logs Run:
Log Formation (Top), Depth and Datums Sample Name Top Datum

Casing Record
Report all strings set-conductor, surface, intermediate, production, etc.
Table with columns: 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

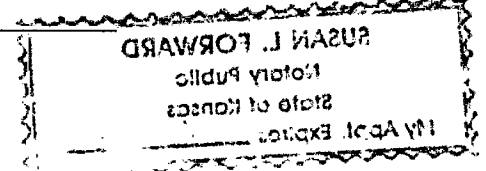
ADDITIONAL CEMENTING/SQUEEZE RECORD

Table with columns: Purpose (Perforate, Protect Casing, Plug Back TD, Plug Off Zone), Depth Top Bottom, Type of Cement, #Sacks Used, Type and Percent Additives

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

TUBING RECORD
Size Set At Packer At Liner Run Yes No
Date of First, Resumed Production, SWD or Inj. Producing Method
Estimated Production Per 24 Hours Oil Bbl. Gas Mcf Water Bbls. Gas-Oil Ratio Gravity

Disposition of Gas
METHOD OF COMPLETION
Production Interval



1-21-2001

ORIGINAL

FORM MUST BE TYPED

Corrected #2 SIDE ONE

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

CONFIDENTIAL

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: Osborn Energy, LLC

Well Name: Heartland #1

Comp. Date \_\_\_\_\_ Old Total Depth 980

Deepening  Re-perf.  Conv. to Inj/SWD  
 Plug Back  PBTB

Commingled  Docket No. \_\_\_\_\_

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

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

3/31/99 10/10/98 \* 11/16/2000 (D&A)  
Spud Date Date Reached TD Completion Date

API NO. 15- 091-22879-0001

County Johnson

10'N of NW - SW - SW Sec. 6 Twp. 15 Rge. 35  E  W

1000 Feet from (S)N (circle one) Line of Section

4950 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 Heartland Well # 1

Field Name Stilwell

Producing Formation N/A

Elevation: Ground 1048' KB N/A

Total Depth 980' PBTB 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 N/A

feet depth to N/A w/ N/A 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. 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 [Signature]  
Title Geologist Date 12-20-2000

Subscribed and sworn to before me this 20 day of DECEMBER,  
19-2000.

Notary Public [Signature]  
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)

RECEIVED

KANSAS CORPORATION COMMISSION

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

21 2000

CONSERVATION DIVISION  
WICHITA, KS

Form ACD-1 (7-91)

X

SIDE TWO

Operator Name Osborn Energy, L.L.C.

Lease Name Heartland

Well # 1

Sec. 6 Twp. 15 Rge. 24  
 East  
 West

County Johnson

**CONFIDENTIAL**

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:

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

CASING RECORD

New  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

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.	Producing Method
N/A	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 Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
N/A	N/A	N/A	N/A	N/A	N/A

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

METHOD OF COMPLETION

Open Hole  Perf.  Dually Comp.  Commingled  
 Other (Specify) CD & AZA

Production Interval

CD & AZA  
1/20/2011  
1/20/2011



**ORIGINAL RECEIVED**  
**FIELD WORK ORDER, INVOICE AND CONTRACT**  
 KANSAS CORPORATION COMMISSION

FEB 00 2000

LOG-TECH, INC.  
 1011 240th Ave.  
 Hays, KS 67601  
 (913) 625-3858

CONSERVATION DIVISION  
 WICHITA, KS

**COPY**

P.C. # 88313

Date <u>3/31/1999</u>	Charge To: <u>Dsborn Energy, L.L.C.</u>	Lease and Well No. <u>Heartland No. 1</u>
Operator <u>B. Drylie</u>	Address	Field
<u>B. Bollig</u> Customer's T.D. <u>971</u> T.D.	City & State	Legal Description <u>4950' FEL ± 1000' FSL</u>
	Fluid Level <u>340</u>	Sec. <u>6</u> Twp. <u>15S</u> Rng. <u>25E</u>
	Type Fluid in Hole <u>Water</u>	Casing Size <u>4 1/2"</u>
	Elevation <u>1048</u>	Casing Wt.
<u>Zero Ground Level</u>		Casing Depth
		County <u>Johnson</u>
		State <u>Kansas</u>

The authorized agent and representative of the owner agrees to the following general terms and conditions of services to be rendered or which have been rendered:

- (1) All accounts are due and must be paid within 30 days from the date of services of Bluestem Wireline Inc., and should these terms not be observed, interest at the rate of 18% per annum will be charged from the date of the services.
- (2) Because of the uncertain conditions and hazards existing in a well which are beyond the control of Bluestem Wireline, Inc., it is understood and agreed by the parties hereto that Bluestem Wireline, Inc. cannot guarantee the results of its efforts and its services and will not be held responsible for personal or property damage in the performance of its services.
- (3) Should any Bluestem Wireline, Inc. instruments or equipment be lost or damaged in the performance of the operations requested, the customer agrees to make every reasonable effort to recover the same, and to reimburse Bluestem Wireline, Inc. for the value of the items which cannot be recovered, or the cost of repairing damage to items recovered.
- (4) The customer certifies that he has the full right and authority to order such work on such well and that the well in which the work is to be performed by Bluestem Wireline, Inc. is in proper and suitable condition for the performance of said work and the Bluestem Wireline, Inc. is merely working under the directions of the customer.
- (5) The customer agrees to pay any and all taxes, fees and charges placed on services rendered by Bluestem Wireline, Inc. by governmental requirements including city, county, state and federal taxes and fees or reimburse Bluestem Wireline, Inc. for such taxes and fees paid to said agencies.
- (6) No employee is authorized to alter the terms or conditions of this agreement between Bluestem Wireline, Inc. and the customer.
- (7) I certify that the services have been performed by Bluestem Wireline, Inc. under my directions and control, and that all zones perforated were designated by me and all depth measurements were checked and approved.
- (8) It is further stipulated and agreed to between the parties hereto that this agreement shall not become effective until the same is approved by Bluestem Wireline, Inc., in Leon, Butler County, Kansas, and that said Bluestem Wireline, Inc. and the customer agree that should either party to this action fail to fulfill the terms of the fieldwork order, invoice and contract, that the venue of any action, either in law or equity to enforce the terms of the same is agreed by the parties hereto to be in Butler County, Kansas.

Dated in Leon, Kansas, this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_

R. P. Bollig  
 CUSTOMER

AUTHORIZED AGENT AND REPRESENTATIVE  
 BLUESTEM WIRELINE, INC.

OFFICER

WORK PERFORMED	PRICING
Perforated With <u>3 3/4" 90 Gram</u> as Follows:	SET UP: <u>Truck Rental</u> \$ <u>450.00</u>
From <u>520</u> ft. to <u>523</u> ft., <u>12</u> Shots	PERFORATING: 1st <u>5</u> Shots \$ <u>425.00</u>
From _____ ft. to _____ ft., _____ Shots	Next <u>7</u> Shots @ \$ <u>22</u> Ea. \$ <u>254.00</u>
From _____ ft. to _____ ft., _____ Shots	Next _____ Shots @ \$ _____ Ea. \$
From _____ ft. to _____ ft., _____ Shots	LOGGING: Logging Chg. _____ ft. @ \$ _____ ft. \$
From _____ ft. to _____ ft., _____ Shots	
From _____ ft. to _____ ft., _____ Shots	BRIDGE PLUG: Type _____ Depth _____ \$
	CEMENT LOCATOR SURVEY: \$
	SUB TOTAL..... \$ <u>1129.00</u>
<u>Less Discount if paid within 30 days</u>	<del>Discount</del> \$ <u>499.00</u>
	TOTAL..... \$ <u>630.00</u>

APR 15 091 22879 00 01