

\* CORRECTED

SIDE ONE

FORM MUST BE TYPED

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

API NO. 15- 091-226520000

County Johnson

- SW - NW - SE Sec. 2 Twp. 15 Rge. 24  E

1710 feet from  N (circle one) Line of Section

440 feet from  W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner

NE,  SE, NW or SW (circle one)

Lease Name Osborn Well # 5

Field Name \* Stilwell

Producing Formation \* Bartlesville

Elevation: Ground 1028' KB

Total Depth 800' PBDT

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 800'

feet depth to surface w/ 152 ex cmt.

Alt-2-Dlg-3/2/09

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

Chloride content ppm Fluid volume bbls

Dewatering method used

Location of fluid disposal if hauled offsite:

Operator Name

Lease Name License No.

Quarter Sec. Twp. S Rng. E/W

County Docket No.

RECEIVED  
KANSAS CORPORATION COMMISSION  
FEB - 1999

Operator: License # \* 32294

Name: \* Osborn Energy, L.L.C

Address: \* 9401 Indian Creek Pkwy., #40, Suite 44

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: None

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 PBDT

Commingled Docket No.

Dual Completion Docket No.

Other (SWD or Inj?) Docket No.

8/19/95 8/22/95 \* 3/98  
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 1-26-99

Subscribed and sworn to before me this 26<sup>th</sup> day of January, 1999.

Notary Public Susan L. 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

SIDE TWO

Operator Name Osborn Energy, L.L.C. Lease Name Osborn Well # 5  
 Sec. 2 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 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:  <p style="text-align: center;">Gamma Ray Neutron</p>	<input type="checkbox"/> Log Formation (Top), Depth and Datums <input type="checkbox"/> Sample Name Top Datum
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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	8"	7"		20'	Portland	10	None
* Production	6 1/4"	2 7/8"		800'	50/50 poz	152	2% gel

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top 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
4	727.0'-735.0'	

TUBING RECORD		Size	Set At	Packer At	Liner Run	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
Date of First, Resumed Production, SWD or Inj.				Producing Method				
3/98				<input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)				
Estimated Production Per 24 Hours	Oil	Bbl.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity
	N/A		50		0		0	

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

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- 15-091-226520000

County Johnson

SE NW SW Sec. 2 Twp. 15 Rge. 24  East  West

1710 Ft. North from Southeast Corner of Section

4400 Ft. West from Southeast Corner of Section  
(NOTE: Locate well in section plat below.)

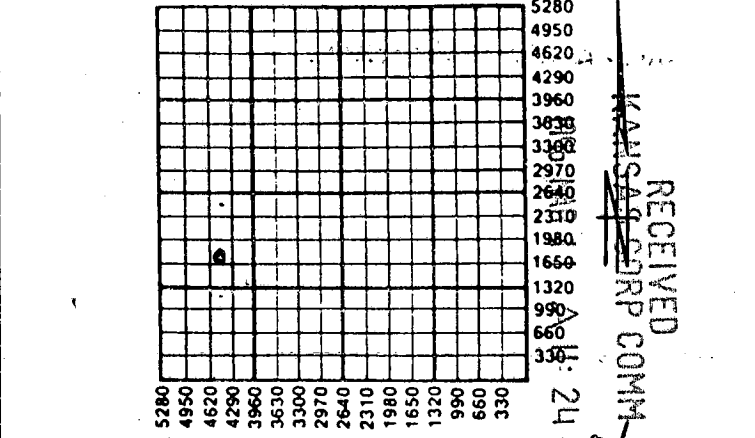
Lease Name Osborn Well # #5

Field Name Osborn

Producing Formation bartlesville

Elevation: Ground \_\_\_\_\_ KB \_\_\_\_\_

Total Depth 800 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 TD

feet depth to SURFACE w/ 152 sx cmt.

Operator: License # 5885

Name: Glaze Drlg

Address 22139 S. Victory Rd

City/State/Zip Spring Hill, Mo. 66083

Purchaser: none

Operator Contact Person: Sue Glaze

Phone 913-592-2033

Contractor: Name: Glaze Drlg

License: 5885

Wellsite Geologist: none

Designate Type of Completion

New Well  Re-Entry  Workover

Oil  SWD  Temp. Abd.

Gas  Inj  Delayed Comp.

Dry  Other (Core, Water Supply, etc.)

If ~~Old~~ old well info as follows:

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

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

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

Drilling Method: Mud Rotary  Air Rotary  Cable \_\_\_\_\_

Spud Date 8-19-95 Date Reached TD 8/22/95 Completion Date 8/23/95

**INSTRUCTIONS:** This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 drillers time log 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. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 [Handwritten Signature]

Title Asst. Dr. Date 3/5/96

Subscribed and sworn to before me this 5<sup>th</sup> day of March, 19 96.

Notary Public Sharon S Meek

Date Commission Expires 2-16-2000



**K.C.C. OFFICE USE ONLY**

F  Letter of Confidentiality Attached

C  Wireline Log Received

C  Drillers Timelog Received

KCC Distribution  SWD/Rep  NGPA

KGS  Plug  Other (Specify)

90  
SIDE TWO

Operator Name Glaze Drlg Lease Name Osborn Well # #5  
Sec. 2 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  Yes  No  
(Attach Additional Sheets.)

Samples Sent to Geological Survey  Yes  No

Cores Taken  Yes  No

Electric Log Run  Yes  No  
(Submit Copy.)

**GAMMA RAY - NEUTRON**

Formation Description

Log  Sample

Name \_\_\_\_\_ Top \_\_\_\_\_ Bottom \_\_\_\_\_

**Log attached**

**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
<u>Surface</u>	<u>8</u>	<u>7'</u>		<u>20</u>	<u>Portland</u>	<u>10</u>	<u>WATER</u>
<u>Production</u>	<u>6 1/4</u>	<u>2 7/8</u>		<u>800</u>	<u>50/50 POZ</u>	<u>152</u>	<u>Consolidated Well Service</u>

Shots Per Foot	PERFORATION RECORD Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
<u>33</u>	<u>127-135</u>		

**TUBING RECORD**

Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
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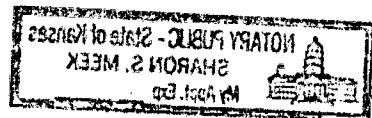
Date of First Production not yet Prod. Producing Method  Flowing  Pumping  Gas Lift  Other (Explain) not yet producing

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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Disposition of Gas:  Vented  Sold  Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION:  Open Hole  Perforation  Dually Completed  Commingled  Other (Specify) \_\_\_\_\_

Production Interval \_\_\_\_\_



ORIGINAL

GLAZE DRILLING COMM.  
KANSAS CORP.  
1996 MAR 11 A 11:25

WELL OWNER: JIM OSBORN  
COUNTY: JOHNSON  
STATE: KANSAS  
WELL # 5

SEC: 2  
TWP: 15-S  
RNG: 24-E

(API)#- ~~UNKNOWN AT PRES.~~  
15-091-22652

"DRILLERS LOG AS FOLLOWS"  
(COLUMN-1) (COLUMN-2)

THICKNESS IN FEET--FORMATION--DEPTH		
22	SURFACE	22
63	LIME	85
2	SHALE	87
1	LIME	88
14	SHALE	102
6	LIME	108
22	SHALE	130
2	REDBED	132
12	SHALE	144
4	LIME	148
6	SHALE	154
1	LIME	155
43	SHALE	198
24	LIME	222
6	SHALE	228
22	LIME	250
3	SHALE	253
15	LIME	268-HERTHA
3	SHALE	271
9	SANDSTONE	280-41,000
8	SHALE	288
14	SANDSTONE	302-60,000
70	SHALE	372
6	SANDSTONE	378-85,000
70	SHALE	448
4	REDBED	452
5	SHALE	457
10	LIME	467
5	SHALE	472
6	LIME	478
4	SAND	482
13	SHALE	495

THICKNESS IN FEET--FORMATION--DEPTH		
2	LIME	497
1	SHALE	498
3	LIME	501
5	SHALE	506
9	LIME	515
2	SHALE	517
5	LIME	522
11	SHALE	533
3	BLK-SLATE	536-98,000
4	LIME	540
28	SHALE	568
12	SAND	580
35	SHALE	615
10	BLK-SAND	625
100	SHALE	725
15	SANDSTONE	740-BIG-GAS
60	SNDY-SHALE	800-T.D.

CONSOLIDATED INDUSTRIAL SERVICES, INC.  
 211 W. 14TH STREET, CHANUTE, KS 66720  
 316-431-9210 OR 800-467-8676

TICKET NUMBER 2996

ORIGINAL

LOCATION Ottawa, Ks

FIELD TICKET

DATE	CUSTOMER ACCT #	#	WELL NAME	QTR/QTR	SECTION	TWP	RGE	COUNTY	FORMATION
8/22/95	3137	#5	Osborne		2	15	24	To	
CHARGE TO <u>A. G. Glaze</u>					OWNER				
MAILING ADDRESS <u>22139 Victory Rd.</u>					OPERATOR				
CITY & STATE <u>Springhill, Ks. 66083</u>					CONTRACTOR <u>Company Tools</u>				

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	UNIT PRICE	TOTAL AMOUNT
5402	1 well	PUMP CHARGE		4.50 <sup>00</sup>
		HYDRAULIC HORSE POWER		
1118	3 sk.	Premium Oil	8 <sup>00</sup>	24 <sup>00</sup>
4402	1	2 1/2" Rubber Plug		12. <sup>00</sup>
		STAND BY TIME		
		MILEAGE		
		WATER TRANSPORTS		
5502	3 hrs	VACUUM TRUCKS	48 <sup>00</sup>	144 <sup>00</sup>
		FRAC SAND		
1124	152 sk.	CEMENT Portland A-50/50 Poz Mix	6 <sup>37</sup>	965 <sup>20</sup>
		lay	6.4%	64 <sup>28</sup>
		NITROGEN		
5407	6.46	TON-MILES #35	.75	170 <sup>00</sup>
			ESTIMATED TOTAL	1829. <sup>28</sup>

NSCO #15097

CUSTOMER or AGENTS SIGNATURE

CIS FOREMAN Fred Welch

CUSTOMER or AGENT (PLEASE PRINT)

DATE 8-22-95

CONSOLIDATED INDUSTRIAL SERVICES, INC.  
 211 W. 14TH STREET, CHANUTE, KS 66720  
 316-431-9210 or 800-467-8676

ORIGINAL

TICKET NUMBER 2251

LOCATION Atchison, KS

FOREMAN Fred Maden

TREATMENT REPORT

DATE	CUSTOMER ACCT #	WELL NAME	QTR/QTR	SECTION	TWP	RGE	COUNTY	FORMATION
8-22-95	3137	#5 Osborn		2	15	24	Ja	
CHARGE TO				OWNER				
MAILING ADDRESS				OPERATOR				
CITY				CONTRACTOR				
STATE				DISTANCE TO LOCATION				
ZIP CODE				TIME ARRIVED ON LOCATION				
				TIME LEFT LOCATION				

WELL DATA	
HOLE SIZE	6 1/4
TOTAL DEPTH	803
CASING SIZE	2 1/8
CASING DEPTH	
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		
	THEORITICAL	INSTRUCTED
SURFACE PIPE		
ANNULUS LONG STRING		
TUBING		

INSTRUCTIONS PRIOR TO JOB

JOB SUMMARY

DESCRIPTION OF JOB EVENTS Establish Circulation - Run App 10 BBKS Fresh water Flush mix + Pump 152 sk 50/50 Perm 2% Gel Cement to Surface. Pump Rubber Plug to Bottom + Shut in Casing @ 600 PSI

PRESSURE SUMMARY	
BREAKDOWN or CIRCULATING	200 psi
FINAL DISPLACEMENT	
ANNULUS	
MAXIMUM	
MINIMUM	
AVERAGE	600 psi
ISIP	
5 MIN SIP	600 psi
15 MIN SIP	

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

8-22-95