

* Corrected / Updated

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

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

AMENDED

*ke
mu
10/09/08*

Operator: License # 32294
Name: Osborn Energy, L.L.C.
Address: 24850 Farley
City/State/Zip: Bucyrus, KS 66013
Purchaser: Akawa Natural Gas, L.L.C.
Operator Contact Person: Curstin Hamblin
Phone: (913) 533-9900
Contractor: Name: R.S. 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/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: none 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. _____

<u>9/16/1997</u>	<u>9/18/1997</u>	* <u>8/13/2008</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 091-22810-0000

County: Johnson

C SE SW NW Sec. 7 Twp. 15 S. R. 25 East West

2970 feet from (S) N (circle one) Line of Section

4290 feet from (E) W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE (SE) NW SW

* Lease Name: Metcalf Partners Well #: 3

Field Name: Stilwell

* Producing Formation: Squirrel

Elevation: Ground: 1075' Kelly Bushing: _____

Total Depth: 860' Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at 20' Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 713'

feet depth to surface w/ 179 sx cmt.

Drilling Fluid Management Plan APINS 122809
(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. R. _____ East West

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 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: Curstin Hamblin

Title: Geologist Date: 10-7-08

Subscribed and sworn to before me this 7th day of October

2008
Notary Public: [Signature]

Date Commission Expires: 3-23-11

Jane Brewer
Notary Public
State of Kansas
My Commission Expires 3-23-11

KCC Office Use ONLY

Y Letter of Confidentiality Received

If Denied, Yes Date: 11/25/08

Wireline Log Received (withhold)

Geologist Report Received

UIC Distribution

RECEIVED
KANSAS CORPORATION COMMISSION

OCT 09 2008

Operator Name: Osborn Energy, L.L.C. Lease Name: Metcalf Partners Well #: 3
 Sec. 7 Twp. 15 S. R. 25 East West County: Johnson

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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> 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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: Gamma Ray Neutron-Previously Submitted	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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 CONSERVATION DIVISION
 WICHITA, KS

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
Surface	8"	7"		20'	Portland	6 sacks	None
Production	6 3/4"	4 1/2"		713'	50/50 poz	179	2% gel, flo-seal

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
2	630.0-640.0- Perforations	40 sacks 20/40 sand, 56 sacks of 12/20 sand	622-640
2	622.0-630.0-Perforations	40 sacks 20/40 sand, 56 sacks of 12/20 sand	622-640

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumerd Production, SWD or Enhr. 9/11/2008	Producing Method <input checked="" type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil Bbls. 2 bbls	Gas Mcf 35 MCF	Water Bbls. 2 bbls	Gas-Oil Ratio	Gravity ~26
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Disposition of Gas <input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____
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CONSOLIDATED INDUSTRIAL SERVICES, INC.
 211 W. 14TH STREET, CHANUTE, KS 66720
 316-431-9210 or 800-467-9676

TICKET NUMBER 09271

LOCATION Ottawa

FOREMAN Alan Mader

TREATMENT REPORT

DATE	CUSTOMER ACCT #	WELL NAME	QTR/QTR	SECTION	TWP	RGE	COUNTY	FORMATION
9-22-97	3139	Metcalf #3		7	15	25	Jo	
CHARGE TO <u>R.S. Glaze</u>				OWNER				
MAILING ADDRESS <u>22139 Victory Rd</u>				OPERATOR				
CITY <u>Springhill</u>				CONTRACTOR				
STATE	ZIP CODE	DISTANCE TO LOCATION						
KS	66023	40 mi						
TIME ARRIVED ON LOCATION <u>8:30</u>				TIME LEFT LOCATION <u>11:30</u>				

WELL DATA	
HOLE SIZE	<u>6 3/4</u>
TOTAL DEPTH	<u>860</u>
CASING SIZE	<u>4 1/2</u>
CASING DEPTH	<u>713</u>
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		
	THEORETICAL	INSTRUCTED
SURFACE PIPE		
ANNULUS LONG STRING		
TUBING		

INSTRUCTIONS PRIOR TO JOB

JOB SUMMARY

DESCRIPTION OF JOB EVENTS Establish circulation with clean water. Mixed & pumped 2 sx gel followed by app 5 bbl clean water. Mixed & pumped 6 1/2 bbl dye followed by 179 sx 50/50 per 27 gel. Lost circulation several times. Mixed in small amount of flo-seal at tail end of cement. Pumped 4 1/2 rubber plug to bottom. Set float shoe. Well used app 50 sk Cem extra due to circulation problems.

PRESSURE SUMMARY	
BREAKDOWN or CIRCULATING	<u>RECEIVED</u> psi
FINAL DISPLACEMENT	<u>KANSAS CORPORATION COMMISSION</u> psi
ANNULUS	psi
MAXIMUM	<u>OCT 09 2008</u> psi
MINIMUM	psi
AVERAGE	psi
ISIP	psi
5 MIN SIP	<u>CONSERVATION DIVISION</u> psi
15 MIN SIP	<u>WICHITA, KS</u> 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

LE GLAZE DRILLING COMPANY



22138 S. VICTORY RD. ♦ SPRING HILL, KANSAS, 66083 ♦ MIAMI
Phone 913 592 2033 ♦ Fax 913 686 2447

WELL DRILLERS LOGGING REPORT

THICKNESS	FORMATION	TOTAL DEPTH	COMMENTS
22	Surface	22	
8	Lime	30	
1	Shale	31	
74	Lime	105	
25	Shale	130	
12	Lime	142	
30	Shale	172	
5	Lime	177	
4	Shale	181	
1	Blk Slate	182	
23	Shale	205	
13	Lime	218	WET
22	Shale	230	
25	Lime	255	
2	Shale	257	
1	Blk Slate	258	
4	Shale	262	
21	Lime	283	TESTED 280' -O-GAS
2	Shale	285	
2	Blk Slate	287	
3	Lime	290	
5	Shale	295	
7	Lime	302	HERTHA
8	Shale	310	
6	Sandstone	316	
14	Shale	330	TESTED 320' -O-GAS
4	Sandstone	334	TESTED 340' -O-GAS
140	Shale	474	TESTED 360' -O-GAS
3	Red Bed	477	TESTED 380' -O-GAS
10	Shale	487	
7	Lime	494	
3	Shale	497	

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