

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 32294
Name: OSBORN ENERGY, LLC
Address: 24850 FARLEY
City/State/Zip: BUCYRUS, KS 66013
Purchaser: AKAWA NATURAL GAS, LLC
Operator Contact Person: JEFF TAYLOR
Phone: (913) 533-9900
Contractor: Name: GLAZE DRILLING
License: 5885
Wellsite Geologist: MEREDITH PEARCE

KCC

AUG 18 2006

CONFIDENTIAL

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: _____ 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>06/13/06</u>	<u>06/27/06</u>	<u>06/28/06</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 121-28208-0000
County: MIAMI
NW SW NE Sec. 16 Twp. 16 S. R. 25 East West
1650 feet from S / (N) (circle one) Line of Section
2310 feet from (E) / W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: SHIRK Well #: 1-16
Field Name: LOUISBURG
Producing Formation: MARMATON AND CHEROKEE
Elevation: Ground: 1067' Kelly Bushing: _____
Total Depth: 618' 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 0
feet depth to 20 w/ 6 sx cmf.

Drilling Fluid Management Plan Alt # NH 8-29-08
(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: Meredith A. Pearce
Title: GEOLOGIST Date: Aug 18, 2006
Subscribed and sworn to before me this 18 day of August
20 06
Notary Public: [Signature]
Date Commission Expires: _____

Erin R. Stephenson
Notary Public
State of Kansas
My Appointment Expires 11.24.07

KCC Office Use ONLY
 Letter of Confidentiality Received
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received **RECEIVED**
 UIC Distribution **AUG 28 2006**
KCC WICHITA

Operator Name: OSBORN ENERGY, LLC Lease Name: SHIRK Well #: 1-16
 Sec. 16 Twp. 16 S. R. 25 East West County: MIAMI

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 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

WELL LOG ATTACHED

KCC
AUG 18 2006
CONFIDENTIAL

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	13"	10 1/2"		20'	PORTLAND	6	WATER
PRODUCTION	9 5/8"	7"		492.95	Consolidated	Ticket	Attached
LINER	6 1/4"	4 1/2"		336.96			

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		Depth
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)		

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.			Producing Method			
			<input type="checkbox"/> Flowing <input checked="" 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	
		10	25			

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 Interval

RECEIVED
AUG 28 2006
KCC WICHITA

GEOLOGICAL REPORT

KCC
AUG 18 2006
CONFIDENTIAL

SHIRK #1-16

1650FNL, 2310FEL
SECTION 16-T16S-R25E
MIAMI COUNTY, KS
API # 15-121-28208-0000
ELEVATION: 1067' GL
DRILLING CONTRACTOR: OSBORN ENERGY, LLC
SPUD: 6/13/06
PRODUCTION BORE HOLE: 9 1/2"
TOTAL DEPTH: 618' ON 06/27/06
DRILLING FLUID: AIR
PRODUCTION CASING: 10 3/4"
GEOLOGIST: JEFF TAYLOR & Meredith Pearce

<u>Formation</u>	<u>Driller Log Tops</u>	<u>Datum</u>
Stark Shale	212'	855'
Hushpuckney Shale	242'	825'
Base Kansas City	259'	808'
Knobtown Sand	No call	
"Big Lake" Sand	No call	
South Mound Zone	413'	654'
Hepler (Wayside) Sand	No call	
"Upper" Mulberry Zone	No call	
Mulberry Zone	No call	
Weiser Sand	No call	
Myrick Station	492'	575'
Anna Shale (Lexington Coal Zone)	494'	573'
Peru Sand	No call	
Summit Shale Zone	532'	535'
Mulky Coal/Shale Zone	558'	509'
Squirrel Sand	No call	
Rotary Total Depth	618'	

RECEIVED
AUG 28 2006
KCC WICHITA

KCC
AUG 18 2006
CONFIDENTIAL

Start samples @ 192
Background gas 7.6 Drillers log
Intermittent problem w/ vac pump
Geologist: Jeff Taylor

	192-202	BG 17 SME WATER LS TAN SH GY SLTY
	202-212	BG 18 LS WHITE TAN SME SLTY
	212-222	BG 217 20 UNITS
STARK 212-220	SAMPLE TOP STARK 217	SME BLACK SLT & SME SUCRETIONS GAS KICK 4 UNITS OVER BG TO 24
	222	GAS 19 UNITS BG
	SAMPLE BAG 212-222	LS WHITE GY SLTY SH BLK, LAMINATED SLTY
	222-232	BG 20 LS GY, BROWN, HARD
	232-242	LS GY, WHITE
HUSHPUCKNEY	TOP 242	SH, BLK SLTY
	242-252	LS GY BRWN SH BLK BG 20 UNITS
BKC	259	@259 BG GAS 25
	252-262	LS GY, LT GY
	262-272	SH GY
	280	BG 30
	272-282	SH GY
	282-292	SH GY BG GAS 31
	292-302	SH GY BG 31
	302-312	SH GY BG 31
	330	BG 36 UNITS
	340	BG 40 UNITS
	312-322	SH GY
	322-332	SH GY
	332-342	SH GY
	342-352	SH GY BG 40 UNITS
	352-362	SH GY BG 38
	362-372	SH GY BG 38 UNITS BOUND @ 369 LS SANDY BRWN GY SHLY SILTSTONE BG 38 UNT TOP LIMEY @ 369
6/15 9:15AM	372-382	SH GY SLTY OCC LS
	382-392	SH GY SLTY BG 36 UNITS
	392-402	SH SILTSTONE GY BG 40 UNITS
	412	32 UNITS BG
SAMPLE TOP	413	SOUTH MND 180 UNITS OR 148 OVER BG BLK SHALE SME BLOCKY SOME FISSIL, SME SLTY NO GAS IN SAMPLES, TEST TOO SMALL TO MEAS.
	415	BG 35X4= 140 UNITS
	415-417	GAS KICK TO 40 OR 160 20 OVER BG CHANGE TO GY SH
	417-422	BG 120 GAS KICK TO 190 @ SH GRY GUMMY
	427	BG 100-140
	422-432	432 BG 120 UNITS GY SHALE SILTY, SILTSTONE SHALY GY, OCC PYRITE
	432-442	SILTSTONE GY SHALEY SH GY SILTY OCC SS GY TO CLEAR NO GAS BG 102 UNITS
	442-452	BG 84 UNITS

RECEIVED
AUG 28 2006
KCC WICHITA

KCC
AUG 18 2006
CONFIDENTIAL

GY SH, SILTY CHANGE TO HARD TAN, BRN LS
@ 448 LABERDIE?
442-448 SH
448-452 LS BG GAS 120 UNITS
452-462 BG GAS 100 UNITS
11:20 462 BG GAS 94 UNITS
452-462 SAMPLE LS GRY, BRN, DK BRN, SLTY AT TIMES
SH GY SLTY
467 COMM GAS 420 UNITS BG 96
462-467 LS WHITE TO TAN, DK BRN, GY HARD
BG GAS 80 UNITS
12:30 472-482 LS
482-492 SH GY, LS BRN GY SLTY BG 80 UNITS
492-493 GAS TO 115 UNITS BG 80
MYRICH STATION 492?
180X8=184=1472 UNITS 1390 OVER BG
TD @ 497 LEX 494-497 TEST @ 38,000
STRIPPER HEAD DOES NOT SEAL

Resumed drilling on 06-27-06 with Geologist Meredith Pearce

497-503 SH: gy

503-513 SH: gy

CG @518 1256 units, 768 BG

513-523 LS: tan, gy - SH: gy

****GAS TEST @523', 27 MCF w/leak around seal****

SUMMIT SHALE ZONE called @532-534', gas kick to 1272 units, 360 over BG

****GAS TEST @538', Inc. 67 MCF to 94 MCF Total****

523-533 LS: tan, calcite - SH: gy, dk gy, blk w/free gas, pyritic

533-543 SH: gy, dk gy, blk - LS: tan, calcite in fractures

CG @543 1440 units, 1088 BG

543-553 SH: gy, TR dk gy, pyritic - LS: gy

MULKY COAL/SHALE ZONE called @558-568', kick to 1200 units, 144 over BG

****GAS TEST @568', only 56 MCF w/leak around seal****

553-563 SH: blk, dy gy w/slight free gas, pyritic, gy, lmy

CG @568 1464 units, 1120 BG

563-573 SH: dk gy, blk, pyritic, gy, sandy in places - LS: tan, calcite

573-583 SH: gy, sandy, TR pyrite

SQUIRREL SAND not called, kick to 1248 units, 176 over BG

583-593 SH: gy, sandy - SS: clr, gy, shaly, ang., poor sort, well cmt

CG @593 1448 units, 1112 BG

593-603 SS: aa - SH: gy, sandy, TR pyrite - LS: gy

603-613 SS: aa w/mica - SH: gy, sandy - LS: gy, tan

613-618 SS: aa w/mica - SH: gy, sandy - LS: gy, tan

****GAS TEST @618', No Increase, still leaking****

TD 618' on 06-27-06 at 3pm

RECEIVED
AUG 28 2006
KCC WICHITA

KCC
AUG 18 2006
CONFIDENTIAL

Brief Summary

Stark	No open flow
Hushpuckney	No open flow
South Mound	No open flow
Lexington	38 MCF
Summit	67 MCF
Mulky	?
Squirrel	?
Total	Unknown (>105 MCF)

RECEIVED
AUG 28 2006
KCC WICHITA

KCC

X
27104

AUG 18 2006

CONFIDENTIAL

CONSOLIDATED OIL WELL SERVICES, INC.
 P.O. BOX 884, CHANUTE, KS 66720
 620-431-9210 OR 800-467-8676

TICKET NUMBER 08732
 LOCATION Ottawa
 FOREMAN Alan Madea

TREATMENT REPORT & FIELD TICKET
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
10-28-06	6073	Shirk #1	16	16	25	Mi
CUSTOMER			TRUCK #	DRIVER	TRUCK #	DRIVER
Osborn Energy			386	Alamad		
MAILING ADDRESS			368	Ken Ken		
24850 Farley			122	Ken Ham		
CITY	STATE	ZIP CODE				
Big Spring	KS	66013				

JOB TYPE long string HOLE SIZE 9 5/8 HOLE DEPTH 483 CASING SIZE & WEIGHT 7"
 CASING DEPTH 483 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING yes
 DISPLACEMENT 19 bbl DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Established rate. Mixed + pumped 200 # gel to condition hole. Mixed 13 bbl dye marker followed by 115 sk 50/50 poz, 29 gal. Circulated dye to surface. Displaced casing with 19 bbl clean water. Circulated cement to surface, closed valve.

Customer supplied water

Alan Madea

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	368	800.00
5406	2	MILEAGE	368	6.30
5402	483'	Casing footage		N/C
5407A		ton miles less than min, 3 wells	122	205.28
111813	230	Premium gel		60.20
1124	112	50/50 poz		991.30
		Sub.		2062.58
				RECEIVED
				AUG 28 2006
				KCC WICHITA
		6.55	SALES TAX	108.86
			ESTIMATED TOTAL	2131.84

AUTHORIZATION _____

TITLE

WO# 206378

DATE

8/18/08

Erin Stephenson
Office Manager
913-533-9900

8/18/2006

Kansas Corporation Commission
Conservation Division
130 S Market, Room 2078
Wichita, KS 67202

KCC
AUG 18 2006
CONFIDENTIAL

Dear Commissioners,

Osborn Energy, LLC, a Kansas corporation having its principal place of business at:

24850 Farley
Bucyrus, KS 66013

Is requesting that the KCC keep the information on the following form
Well-Completion Form(ACO-1)

LEASE NAME: SHIRK WELL #: 1

Sec	Tw	Rng
<u>16</u>	<u>16</u>	<u>25E</u>

Confidential for the maximum amount of time allowed, 24 months, which Osborn Energy, LLC understands the KCC desires to obtain the confidential and proprietary information for the sole purpose of regulating the gas and oil industry.

Very Truly Yours,

Erin Stephenson
Office Manager
Osborn Energy, LLC.

RECEIVED
AUG 28 2006
KCC WICHITA