#### Kansas Corporation Commission Oil & Gas Conservation Division



# WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 32294	API No. 15 - 121-27694-0000
Name: Osborn Energy, L.L.C.	County: Miami
Address: 24850 Farley	NE _ SE NW Sec. 3 Twp. 16 S. R. 25 X East West
City/State/Zip: Bucyrus, Kansas 66013	3,435 feet from S / N (circle one) Line of Section
Purchaser: Akawa Natural Gas, L.L.C.	2,284 feet from E / (W) (circle one) Line of Section
Operator Contact Person: Steve Allee	Footages Calculated from Nearest Outside Section Corner:
Phone: (913) 533-9900	(circle one) NE SE NW (SW)
Contractor: Name: Suzie Glaze	Lease Name: Kalcic Well #: 6-3-16-25
License: 5885	Field Name: Louisburg NE
Wellsite Geologist: Rex Ashlock SEP 1 5 2003	Producing Formation: Pawnee
	Elevation: Ground: 1,014 Kelly Bushing: N/A
Designate Type of Completion:  X New Well Re-Entry Workover	Total Depth: Plug Back Total Depth:N/A
Oil SWD SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented at Feet
X Gas ENHR X SIGW	Multiple Stage Cementing Collar Used?
Dry Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth setFeet
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from 461
Operator:	feet depth to surface w/ 65 sx cmt.
Well Name:	Drilling Fluid Management Plan
Original Comp. Date: Original Total Depth:	(Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	Chloride content N/A ppm Fluid volume 500+/- bbls
Plug BackPlug Back Total Depth	Dewatering method used evaporation
Commingled Docket No	Location of fluid disposal if hauled offsite:
Dual Completion Docket No.	·
Other (SWD or Enhr.?) Docket No	Operator Name:
5/5/2003 5/6/2003 waiting on completion	Lease Name: License No.:
Spud Date or Date Reached TD Completion Date or	Quarter Sec twp. S. N Last West
Recompletion Date Recompletion Date	County: Docket No.:
INSTRUCTIONS: An original and two copies of this form shall be filed with t Kansas 67202, within 120 days of the spud date, recompletion, workover Information of side two of this form will be held confidential for a period of 12 107 for confidentiality in excess of 12 months). One copy of all wireline logs a TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells.	or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply.  months if requested in writing and submitted with the form (see rule 82-3- nd geologist well report shall be attached with this form. ALL CEMENTING
All requirements of the statutes, rules and regulations promulgated to regulate	e 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:	KCC Office Use ONLY
Title: Geologist Date: 9-10-03	Letter of Confidentiality Attached
(A Contact )	If Denied, Yes Date:
Outdoorland drive and an an and an	Wireline Log Received
n 2003	Geologist Report Received
Notary Public: Walling pt DARLINE LO	UIC Distribution
Date Commission Expires: 13/17/2005 STATE OF MANSAS My Appt. Exp 15/17	/85



· •				Side					
Operator Name:	Osborn Energ	y, L.L.C.		Lease	Name:_	Kalcic		Well #:	6-3-16-25
Sec. 3 Twp. 1	6 S. R. 25	x East	West	County	:	Miami			
INSTRUCTIONS: Shot tested, time tool open temperature, fluid reco	and closed, flowing overy, and flow rates	and shut-in if gas to sur	pressures, face test, a	whether shalong with fi	ut-in pre	ssure reached	d static level, hydr	ostatic pressui	res, bottom n
Drill Stem Tests Taken (Attach Additional Sheets)		Yes X No		X1		Log Formation (Top), Depth a		and Datum	Sam
Samples Sent to Geol		☐ Yes	<b>X</b> No		Name	€		Тор	Datu
Cores Taken		Yes	<b>X</b> No			Drillers	Log Attached	-i	
Electric Log Run (Submit Copy)		Yes	x No				_		
List All E. Logs Run:						RECE	EIVED		
						SEP 1	5 2003		
						KCC W	ICHITA		
	<u></u>		CACINIC	DECORD.	Ne				
		Report all		RECORD conductor, sur		rmediate, produ	ction, etc.	· · · · · · · · · · · · · · · · · · ·	
Purpose of String	Size Hole Drilled	Size Ca Set (In		Weig Lbs./		Setting Depth	Type of Cement	# Sacks Used	Type and F Additiv
Surface	11 1/4"	8 5/	8"			20'	Portland	6	None
Production	7 7/8"	5 1/	2"			461'	50/50 Poz	65	2% gel
			DITIONAL	CEMENTIN	G / SOU	EEZE RECOR	<u> </u>		<u></u>
Purpose:	Depth	Type of C		#Sacks U					
Perforate Protect Casing	Top Bottom		···					· · · · · · · · · · · · · · · · · · ·	
Plug Back TD Plug Off Zone									
Shots Per Foot	PERFORATIO Specify F	N RECORD -	Bridge Plug	s Set/Type forated			acture, Shot, Cement mount and Kind of Ma		rd !
	<u></u> .								
						·			
TUBING RECORD	Size	Set At		Packer At		Liner Run	Yes No		
Date of First, Resumed P	roduction, SWD or Ent	nr. Pro	ducing Meth				ing Cas Life	015	or (Evalaia)
Waiting on co		, L	Cos	N/A	Flowing	Pump	<u>.</u>	as-Oil Ratio	er (Explain) Gi
Estimated Production Per 24 Hours	Oil B N/A	bis.	Gas N/A	Mcf	Water	N/A	ouis. G		N/A

#### **Drillers** Log

RECEIVED

SEP 1 5 2003

KCC WICHITA

Ron Kalcic #6-3-16-25

2284 FWL, 3435 FSL (N 38° 41.276′, W 94° 37.816′)

Section 3-T16S-R25E

Miami, Co. Kansas API #15-121-27694

Elevation: 1014 GL (est. from Topo. Map)

Drilling Contractor: Glaze Drilling Co., (Lic. #5885)

Spud: 5/5/2003

Surface: 11 1/4" bore hole, set 20' of 8 5/8" csg. cmt'd with 6 sx

Production bore hole: 7 7/8"

Rotary Total Depth: 660'on 5/6/03

Drilling fluid: Air

E-Log Total Depth: No Open Hole Run

Production Csg.: Used 5 ½" 15.50#/ft., set at 461'

Formation	Drille	r Log Tops	 Datum		
Stark Shale		178	836		
Hushpuckney Shale		210	804		
Base Kansas City		227	787		
Knobtown Sand(s)		Not developed			
Carbonaceous Zone in Tacket Fm.		No call			
"Big Lake" Sand		Not developed			
South Mound Zone		398	616		
Hepler (Wayside) Sand		Not developed			
"Upper" Mulberry Zone		No call			
Mulberry Zone		No call			
Weiser Sand		Not developed			
Myrick Station		457	557		
Anna Shale (Lexington Coal Zone)	*	461	553		
Peru Sand	¥ Y	463	551		
Summit Shale Zone	4F	505	509		
Mulky Coal/Shale Zone		533	481		
Squirrel Sand		573	441		
Bevier Coal Zone		No call			
Mineral Coal Zone		No call			
Scammon Coal Zone		No call			
Tebo Coal Zone		Not developed			
Bartlesville "A" Sand		No call			
Rotary Total Depth		660	354		

Customer shall be responsible for and secure COWS TERMS
In consideration of the prices to be charged to services sequipment and products as set forth (1978) sequipment and products as set forth (1978) sequipment and products as set forth (1978) and (1978) sequipment (1978) current (1978) and against any and all liability of whatsoever nature for damages as a result of a subsurface trespass, or an STOOMSOLIDATED OIL WELD SERVICES IN COIDS 211 W. 14TH STREET, CHANGER INS. G67201000 unanabior was bridge TARO ther agrees to the 620-431-9210 OR 800-467-8676 TROPAR THAMTABREISTOMER Shall be responsible for and secure COWS against any liability for injury to or death of persons. other than employees of COVIS, bridamage to prop-Terms. Cash in advance unless satisfactory credit is TO CHOW ON OPPLIED OF HARM On credit sales invoices payable to PO Box 884, Chanute, KS TENO, Investes payable with of radioactive material in the well tole, unless such interest after 30 days from invoice date. Interest will CHARGE TO IM WHILE COLOR COLOR SOLE SARIULIUS LIBCERS A A SOLEMN STATES A SEASON SU LILIENE SOLEMN STATES A SEASON SU LILIENE SOLEMN SU LI MAILING ADDRESS 2 12400 10 1000 CONTRACTOR OF THE PROPERTY OF (e) COWS makes no quaragles of who aver The Kongamoshaplies or materials nor of the security DISTANCE TO LOCATION Any applicable federal, state or focal sales/QBA20cttBJ BMT TIME ARRIVED ON LOCATION Because of the untertailty of variable well conditions pation, consumer's or emergency taxes shall be betoup ent of bebbs A sales tax remotisement of 2% is applied to enem. quarantee the accuracy of any chart interpositation escarch analysis decommondation of the second secon ical and OTO-UNITERIST Jet for all ser West 10 Inc. furnished by COWS, COWS personna Hall Managa I I SQUEEZE CEMENDENT TO STATE OF TEXANDER DISTRIBUTION OF THE PROPERTY OF THE [ ] PLUG & ABANDON [ ] FRAC designation in ameroreungan, outrous longing entres All broodspandsvaded rednined to pe bailty stated will be added the the scheduled prices. that COWS shall not be responsible lonard burger [ ] MISC PUMP arising from the use of such information conscientingles All prices are subject to change without notice in to THENGGONDITION to appening exom 2000 at aub PACKER DEPTH SERVICE CONDITIONS SAIML SAUCESAS WATERAWIES - IMMATION OF LIABINATION Cuetomppy arrants that the spell is in proper con-COWS warrants only title to the products reasonths dition to receive the services, equipment, and page 284 and 1998 a ucts, and meterials to be supplied by COWE. and metedals and that the same are tree 1940H41990 The customer shall at all time have complete ANSTRUCTION PRIOR TO JOB WITH YTHIS AT LACE WASHINGTON care, custody, and control of the well thu thilling WHICH EXTEND BEYOND THOSE STATED IN THE and production equipment at the well and the premises about the well. A responsible represent SAMEDIATELY PRECEDING SENTENCE, COWS'S stive of the customer shall be present to specify liability and customer's exclusive remedy in any JOB SUMMARY cause of action (whether in contract, tort, breach of depths, pressures of inlaterials used for any ser-PRINCE THE ENGLAND THE BEAUTION TO ALL THE POST OF THE Strall Secure Cows against and hapling for darnade to 101 TISAS IN SENIOLEST GITTES ASMORE SITE OF PROPERTY property of customer and of the Well Owner (It differ ent from customer), unless caused by the willful mis In no event, shall COWS be the cost of such items conduct or gross negligence of COWS, this provision liable for special incidental, indirect punitive or con-Sequential damages applying to but not limited to subservace day age and PRESSURE SUMMARY the comer shall be responsible for and securifications and ing souch information and existance against any liability for reservoir loss or damagnagramin intering it, but Customer agrees that CONTONANI not so lable for and CUSTOMER SHALL MUNICH property damage resulting from sub-surface/ngmeMINIM sure, losing control of the well and/or a well IMER SARRY TY CAINST ANY DAMAGED ARISING FIRMANE USEOF SUCH INFOHMATION, even it such is real triby 100 by the COWS negligence or fault all nimes TITLE **AUTHORIZATION TO PROCEED** ALL THE TERMS AND CONDITIONS STATED ON THE REVERSE SIDE ARE INCORPORATED AS PART OF THIS SALE.

### RC10 KCC 1.31-05

Kansas Corporation Commission Oil & Gas Conservation Division UPDATED
11/04

Form ACO-1 September 1999 Form Must Be Typed

## WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE



Operator: License #	API No. 15 - 121-27694-0000
Name: Osborn Energy, L.L.C.	County: Miami (N 38* 41.276', W 94* 37.816')
24950 Forlow	NE_SE_NW Sec. 3 Twp. 16 S. R. 25 X East West
Address: 24650 Farrey  City/State/Zip: Bucyrus, Kansas 66013	3,435 feet from (S)/ N (circle one) Line of Section
Purchaser: Akawa Natural Gas, L.L.C.	
Operator Contact Person: Steve Allee	Footages Calculated from Nearest Outside Section Corner:
Phone: (913) 533-9900	(circle one) NE SE NW (SW)
Contractor: Name: Susie Glaze dba Glaze Drilling Co.	Lease Name: Kalcic Well #: 6-3-16-25
License: 5885	Field Name: Louisburg NE
Wellsite Geologist: Rex Ashlock	Producing Formation: Lexington, Summit, & Mulky
Designate Type of Completion:	Elevation: Ground: 1,014 Kelly Bushing: Not used
X New Well Re-Entry Workover	Total Depth: 660 Plug Back Total Depth:
OilSWDSIOWTemp. Abd.	Amount of Surface Pipe Set and Cemented at Feet
X Gas ENHR X SIGW	Multiple Stage Cementing Collar Used?
Dry Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth setFeet
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from 461
Operator:	feet depth to surface w/ 65 sx cmt.
Well Name:	Dilling Florid Management Plan
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	Chloride content N/A ppm Fluid volume 500+/- bbls
Plug BackPlug Back Total Depth	Dewatering method used evaporation
x Commingled Docket No195,304-C	Location of fluid disposal if hauled offsite:
Dual Completion Docket No. (C-28,554)	·
Other (SWD or Enhr.?) Docket No	Operator Name:
5/5/2003 5/6/2003 Waiting on gas line	Lease Name:         License No.:           Quarter Sec.         Twp.         S. R.         East West
Spud Date or Date Reached TD Completion Date or	
Recompletion Date Recompletion Date	County: Docket No.:
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas 67202, within 120 days of the spud date, recompletion, workover Information of side two of this form will be held confidential for a period of 12 107 for confidentiality in excess of 12 months). One copy of all wireline logs at TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells.	or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. months if requested in writing and submitted with the form (see rule 82-3- and geologist well report shall be attached with this form. ALL CEMENTING
All requirements of the statutes, rules and regulations promulgated to regulation are complete and correct to the best of my knowledge.	e the oil and gas industry have been fully complied with and the statements
Signature: Jeff jacks	KCC Office Use ONLY
Title: Date:	Letter of Confidentiality Attached
Subscribed and sworn to before me this 13 day of January	If Denied, Yes Date:
	Wireline Log Received
20 05 $R p 4/1/1$	Geologist Report Received
Notary Public: Let N. Tallad	UIC Distribution
Date Commission Expires:	

REX R. ASHLOCK
Notary Public - State of Kansas
My Appt. Exp. /-/0 -09

Operator Name: Osborn Energy, L.L		y, L.L.C	C. Lease Name					Well #: 6-3-16-25		
Sec. 3 Twp	16 s. R. 25	<b>x</b> Eas	t West	County	/:	Miami				
INSTRUCTIONS: Sh tested, time tool open temperature, fluid rec Electric Wireline Logs	and closed, flowing overy, and flow rates	and shut if gas to	-in pressures, surface test, a	whether shalong with f	nut-in pre	ssure reached	static level, hydro	static pressur	es, bottom hole	
Drill Stem Tests Taker (Attach Additional S		☐ Y	es <b>X</b> No				on (Top), Depth a	nd Datum	χ Sample	
Samples Sent to Geo	amples Sent to Geological Survey		es <b>X</b> No		Name	9		Datum		
Cores Taken Electric Log Run (Submit Copy)			es <b>x</b> No							
List All E. Logs Run:				Driller	 's log a	and cement	tickets attac	hed to orig	ginal ACO-1	
		Panor	CASING		Ner	w <b>X</b> Used	ion. etc.			
Purpose of String	Size Hole Drilled	Siz	e Casing (In O.D.)	Weig Lbs./	ght	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives	
Surface	11 1/4"		8 5/8"	NA		20'	Portland	6	None	
Production	7 7/8"		5 1/2"	15.50	)	461'	50/50 Poz	65	2% gel	
	]		ADDITIONAL	CEMENTIN	1G / SQU	EEZE RECORD				
Purpose:	Depth Top Bottom	Туре	Type of Cement #Sacks Used			Type and Percent Additives				
Protect Casing Plug Back TD Plug Off Zone							· · · · · · · · · · · · · · · · · · ·			
Shots Per Foot	Shots Per Foot PERFORATION RECORD - Bridge Plugs Set/Type					Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth				
None	None Open hole from 461-660					None				
						· · · · · · · · · · · · · · · · · · ·		<del> </del>		
TUBING RECORD	Size /ill run 2 3/8" to	Set At		Packer At		Liner Run Will run 4 1	/2" perf'd line	er from 450	) +/- to 660	
Date of First, Resumed F Waiting on g	Production, SWD or Ent		Producing Metho	od		omergible p			- , ,	
Estimated Production Per 24 Hours		bls.	Gas NA	Mcf	Water	NA NA	ols. Ga	Gas-Oil Ratio Gravity No oil		
Disposition of Gas	METHOD OF CO	MPLETIO				Production Interv		461-66	60	
☐ Vented Sold  To be so	Used on Lease	1	X Open Hole  X Other (Specify	Perf.	SIGW	ially Comp.	X Commingled			