KANSAS CORPORATION COMMISSION RIGHTS OIL & GAS CONSERVATION DIVISION RIGHTS OF A L

September 1999 Form Must Be Typed

APR 2 6 2007

Date Commission Expires:

CONSERVATION DIVISION WELL HISTORY - DESCRIPTION OF WELL & LEASE WICHITA, KS

Operator: License # 32294	API No. 15 - 121-28296 600
Name: OSBORN ENERGY, LLC	County: MIAMI
Address: 24850 FARLEY	NE_NW_SE_Sec. 9 Twp. 16 S. R. 25
City/State/Zip: BUCYRUS, KS 66013	2310 feet from S/ N (circle one) Line of Section
Purchaser: AKAWA NATURAL GAS, LLC	1650 feet from (E)/ W (circle one) Line of Section
Operator Contact Person: MEREDITH PEARCE	Footages Calculated from Nearest Outside Section Corner:
Phone: (913) 533-9900	(circle one) NE (SE) NW SW
Contractor: Name: OSBORN ENERGY, LLC	Lease Name: KIRCHER Well #: 13-9
License: 32294	Field Name: LOUISBURG
Wellsite Geologist: MEREDITH PEARCE	Producing Formation: MARMATON & CHEROKEE
Designate Type of Completion:	Elevation: Ground: 1096 Kelly Bushing:
New Well Re-Éntry Workover	Total Depth: 743 Plug Back Total Depth: N/A
Oil SWD SIOWTemp. Abd.	Amount of Surface Pipe Set and Cemented at 20' Feet
Gas ENHR 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 0
Operator:	feet depth to 20 w/ 4 sx cmt.
Well Name:	Drilling Fluid Management Plan
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit) 8-27-07
Deepening Re-perf Conv. to Enhr./SWD	Chloride content ppm Fluid volume bbls
Plug BackPlug Back Total Depth	Dewatering method used
Commingled Docket No	Location of fluid disposal if hauled offsite:
Dual Completion Docket No	
Other (SWD or Enhr.?) Docket No	Operator Name:
09/28/06 10/09/06 WOC	Lease Name: License No.:
Spud Date or Date Reached TD Completion Date or Recompletion Date	Quarter Sec TwpS. R 🗌 East 🗌 West
Tiooniplation Bate	County: Docket No.:
INSTRUCTIONS: An original and two copies of this form shall be filed with	· ·
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	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 regulat	te 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: / with Slean	KCC Office Use ONLY
y 0 + 120. 24 2	Letter of Confidentiality Received
	If Denied, Yes Date: 4-20-05
Subscribed and sworn to before me this 34 day of 340.	Wireline Log Received
Jane Brewe Notary Public	
Notary Public: State of Kanes	UIC Distribution
My Commission Expires	

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Operator Name: OSB	OKN ENERG	Y, LLC	;	Leas	e Name:	KIRCHER		Well #: 13-	9	
Sec. 9 Twp. 16	S. R. <u>25</u>	✓ East	West		ty: MIAI					
NSTRUCTIONS: Sho ested, time tool open a emperature, fluid recon Electric Wireline Logs s	and closed, flowing very, and flow rate	g and shut s if gas to	-in pressures, surface test, a	whether s long with	hut-in pre	ssure reached	static level, hydro:	static pressur	es, bottom hole	
Orill Stem Tests Taken (Attach Additional Sh	neets)	Ye	es 🗸 No	· · · · ·	 ✓L	og Forma	tion (Top), Depth ar	nd Datum	Sample	
Samples Sent to Geological Survey ☐ Yes ✓ No				1	Name Top DRILLER LOG ATTACHED			Datum		
ores Taken		Yes Vo				LLIN LOG /	TINOILD			
lectric Log Run (Submit Copy)		Ye	es 📝 No					DECEN #	-	
ist All E. Logs Run:			÷						COMMISSION	
								IPR 2 6 2		
·							CON	SERVATION DI WICHITA, KS	VISION	
		Repo	CASING I rt all strings set-c		No Surface, inte		ction, etc.			
Purpose of String	Size Hole Drilled	Siz	e Casing (In O.D.)	We	eight . / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives	
SURFACE	13"	10 3/4				20'	PORTLAND	4	WATER	
PROD. PIPE	9 7/8"	7"				572'	CONSOLIDATED	TICKET	ATTACHED	
		I	ADDITIONAL	CEMENT	ING / SQL	JEEZE RECOR	D			
Purpose: Depth Top Bottom Protect Casing Plug Back TD Plug Off Zone		Туре	of Cement	#Sack	s Used		Type and Pe	ercent Additives		
Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Ty 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, Resumerd F	Production, SWD or E	inhr.	Producing Met	nod	Flowin	g Dump	ping Gas Lift	Oth	er <i>(Explain)</i>	
Estimated Production Per 24 Hours	Oil	Bbis.	Gas	Mcf	Wat	er ·	Bbls. G	as-Oil Ratio	Gravity	
Disposition of Gas	METHOD OF (OMPLETIC	DN	·		Production Inte	erval			
Vented Sold (If vented, Subn	Used on Lease		Open Hole Other (Speci	Pe	rf. 🔲 I	Dually Comp.	Commingled		·	

DRILLER LOG

Kircher #13-9

2310 FSL, 1650 FEL Section 7% - T16S - R25E Miami Co., Kansas API#15-121-28296 Elevation: 1096' GL

Driller: Osborn Energy, LLC

Spud: 09-28-06

Production Bore Hole: 9 1/2"

Rotary Total Depth: 743' on 10-09-06

Drilling Fluid: air Production Csg.: 7"

Geologist: Meredith Pearce

Formation	Driller Log Tops	Datum
Stark Shale	244'	0.507
		852 ′
Hushpuckney Shale	211	819'
Base Kansas City	293 ′	803 ′
Knobtown Sand	No call	
Carbonaceous Zone in Tacket Fm	. No call	
"Big Lake" Sand	430'	666 ′
South Mound Zone	482 ′	614 ′
Hepler (Wayside) Sand	No call	•
Mulberry Zone	No call	
Weiser Sand	No call	
Myrick Station	No call	
Anna Shale (Lexington Coal Zon	e) No call	
Peru Sand	No call	
Summit Shale Zone	582 ′	514 ′
Mulky Coal/Shale Zone	607 ′	489'
Squirrel Sand	No call	
Bevier Zone	No call	
Croweburg Zone	686 ′	410′
Scammon Zone	708 ′	388 ′
Rotary Total Depth	743'	

RECEIVED KANSAS CORPORATION COMMISSION

APR 2 6 2007

CONSERVATION DIVISION WICHITA, KS

Geological Report

Kircher #13-9

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South Mound Zone	482 ′	614 ′
Hepler (Wayside) Sand	No call	
Mulberry Zone	No call	
Weiser Sand	No call	
Myrick Station	No call	
Anna Shale (Lexington Coal Zone)	No call	
Peru Sand	No call	
Summit Shale Zone	582 ′	514 ′
Mulky Coal/Shale Zone	607 ′	489 ′
Squirrel Sand	No call	
Bevier Zone	No call	
Croweburg Zone	686 ′	410′
Scammon Zone	708 ′	388 ′
Rotary Total Depth	743' KANSAS CORPORATION APR 26 2	V COMMISSION
	CONOT. 10 20	עטי
	GONSERVATION DIV WICHITE, KÇ	/ISION

Drilling at 242' in the Kansas City on 09-29-06 No gas kicks prior to this Background Gas (BG) 13 units

Resumed drilling on 10-02-06 at 8am

367-372 SS: clr, gy, shaly, mica, ang., poor sort, occ oil on sample 372-377 SS: clr, gy, shaly, mica, odor, occ oil - SH: gy, sandy

377-382 SS: clr, gy, shaly, mica, odor, occ oil on sample 382-387 SH: gy, sandy - SS: clr, gy, shaly, mica, odor

CG @367 22 units, 6 BG

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STARK FORMATION driller called @244', gas kick to 16 units, 3 over BG
**GAS TEST @267', No Open Flow**
242-247 SH: dk gy, blk, gy, no show
247-252 SH: dk gy, blk, gy, no show
252-257 LS: tan, calcite, fossils
257-262 LS: tan, calcite, fossils
262-267 LS: tan, calcite
CG @276 18 units, 12 Bg
267-272 LS: tan, calcite, TR fossils
HUSHPUCKNEY SHALE driller called @277', gas kick to 22 units, 11 over BG
**GAS TEST @292', Too small to measure**
272-277 LS: tan, gy, calcite - SHL: dk gy, blk w/vv slight free gas
277-282 SH: gy, dk gy - LS: tan, gy, calcite
282-287 LS: tan, calcite- SH: gy
287-292 LS: tan, calcite, fossils
CG @292 23 units, 17 BG
292-297 SH: gy, silty - LS: tan, calcite
297-302 SH: gy. silty
302-307 SH: gy, silty
307-312 SH: gy, silty
312-317 SH: gy
CG @317 36 units, 14 BG
317-322 SH: gy, sandy, TR pyrite
322-327 SH: gy, sandy, TR pyrite
327-332 SH: gy, sandy - SS: clr, gy, shaly, mica, pyrite
332-337 SH: gy, sandy in places
337-342 SH: gy
CG @342 23 units, 12 BG
                                                                            RECEIVED
                                                                     KANSAS CORPORATION COMMISSION
342-347 SH: gy
347-352 SH: gy
352-357 SH: gy, sandy in places
                                                                          APR 2 6 2007
KNOBTOWN SAND not called, gas kick to 28 units, 7 over BG
                                                                        CONSERVATION DIVISION
357-362 SS: clr, gy, shaly, mica, odor - SH: gy, sandy
                                                                           WICHITA, KS
362-367 SS: clr, gy, shaly, mica, odor - SH: gy, sandy
Stopped @367' at 2:30pm
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387-392 SH: gy, sandy - SS: clr, gy, shaly, mica, odor
CG @392 12 units, 5 BG
392-397 SS: clr, gy, Lt brn - SH: gy, sandy
397-402 SH: gy, sandy
402-407 SH: gy, sandy
407-412 SH: gy, sandy
412-417 SH: gy, sandy - SS: clr, gy, shaly
CG @417 10 units, 5 BG
CARBONACEOUS ZONE IN THACKET FM. not called, gas kick to 6 units, 1 over BG
417-422 SH: gy, sandy in places, blk, coaly, TR pyrite - SS: clr, gy, shaly
422-427 SH: qy
"BIG LAKE" SAND driller called @430', gas kick to 20 units, 15 over BG
427-432 SH: gy - SS: clr, frosted, ang. to sub-rnd, occ oil on sample
432-437 SS: clr, frosted, ang. to sub-rnd, occ oil on sample
437-442 SS: clr, frosted, ang. to sub-rnd, occ oil on sample - SH: qy
CG @442 8 units, 4 BG
442-447 SS: clr, frosted, ang. to sub-rnd, occ oil on sample - SH: gy
447-452 SH: gy, sandy in places
452-457 SH: gy
457-462 SH: gy
462-467 SH: gy
CG @467 7 units, 2 BG
467-472 SH: gy, sandy in places
472-477 SH: gy, sandy in places
477-482 SH: gy
SOUTH MOUND ZONE driller called @482', gas kick to 14 units, 2 over BG
**GAS TEST @492', Too small to measure**
482-487 SH: blk w/free gas, dk gy, gy
487-492 SH: gy, silty
CG @492 20 units, 5 BG
492-497 SH: gy, TR blk
497-502 SH: gy, silty
                                                                     RECEIVED
502-507 SH: gy
                                                              KANSAS CORPORATION COMMISSION
507-512 SH: gy
512-517 SH: gy
                                                                   APR 2 6 2007
CG @517 16 units, 5 BG
                                                                 CONSERVATION DIVISION
517-522 SH: gy, sandy, TR coal - LS: tan, sandy
                                                                     WICHITA, KS
522-527 SH: gy, sandy, TR coal - LS: tan, sandy
527-532 SH: gy, sandy, TR coal - LS: tan, sandy
532-537 SH: gy, sandy, TR coal - LS: tan, sandy
537-542 SH: gy, sandy, TR coal - LS: tan, sandy
CG @542 12 units, 3 BG
524-547 SH: gy, sandy - SS: clr, brn, lmy
547-552 SH: gy, sandy - LS: brn, sandy
552-557 SH: gy, sandy in places
557-562SH: gy
562-567 LS: tan, calcite in fractures - SH: gy
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CG @567 10 units, 2 BG
567-572 LS: tan, calcite
572-577 LS: tan, calcite
SOUTH MOUND ZONE driller called @482', gas kick to 22 units, 19 over BG
**GAS TEST @492', <16 MCF w/leak**
577-582 LS: tan, calcite - SH: blk, dk gy, free gas
582-587 LS: tan, calcite - SH: blk, dk gy, free gas
Stopped @587' to cement casing
Resumed drilling @588' on 10-09-06
Background Gas, 46 units
**GAS TEST @588', No Open Flow**
588-593 SH: gy, lmy, sandy in places - LS: tan, calcite
593-598 SH: gy, silty
598-603 SH: gy
MULKY COAL/SHALE ZONE driller called @607', gas kick to 50 units, 4 over BG
**GAS TEST @618', Too small to test**
603-608 LS: gy, calcite - SH: gy, lmy, blk w/slight
                                                                RECEIVED COMMISSION
608-613 SH: blk w/slight free gas, pyritic
613-618 SH: gy, blk, TR LS: tan
CG @618 68 units, 39 BG
618-623 SH: gy, sandy
                                                                 CONSERVATION DIVISION
623-628 SH: gy, sandy
628-633 SH: gy, sandy
633-638 SH: gy, sandy
SQUIRREL SAND not called, no gas kick with this
638-643 SH: gy, sandy - SS: clr, gy, shaly, mica TR pyrite
CG @643 80 units, 37 BG
643-648 SS: clr, gy, shaly, ang. to sub-rnd, mica - SH: gy, sandy
648-653 SS: clr, gy, lmy in places, mica, pyrite - SH: gy, sandy
653-658 SH: gy - SS: clr, gy, lmy in places, mica, pyrite
658-663 SH: gy
BEVIER ZONE not called, gas kick to 37 units, 36 BG
663-668 clr, gy, shaly, lmy in places - SH: blk, coaly w/free gas
CG @668 40 units, 36 BG
668-673 SH: gy, silty, blk, coaly w/slight free gas
673-678 LS: brn, tan, calcite - SH: gy, silty
678-683 LS: brn, gy, shaly - SH: gy
CROWEBURG ZONE called @686', gas kick to 33 units, 8 over BG
**GAS TEST @693', No Open Flow**
683-688 SH: gy, blk, coaly, pyritic, weak gas show
688-693 SH: gy, sandy in places, blk, coaly, pyritic
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CG @693 53 units, 33 BG

693-698 SH: gy

698-703 SH: gy, lmy in places

SCAMMON ZONE called @708', gas kick to 41 units, 5 over BG **GAS TEST @718', No Open Flow**

703-708 SH: gy, lmy, dk gy w/slight free gas

708-713 SH: blk, coaly w/slight free gas, pyritic

713-718 SH: gy, sandy, blk, coaly w/slight free gas, pyritic

CG @718 130 units, 40 BG

718-723 SH: gy, sandy in places - SS: clr, gy, shaly 723-728 SS: clr, gy, shaly, TR pyrite - SH: gy, sandy

728-733 SH: gy, lmy in places 733-738 SH: gy, lmy in places 738-743 SH: gy, lmy in places

TD 743' on 10-09-06

GAS TEST @743', No Open Flow

Brief Summary

Stark No open flow

Hushpuckney Too small to measure
South Mound Too small to measure

Lexington Not developed

Summit Too small to measure Mulky Too small to measure

Croweburg No open flow Scammon No open flow

Total Too small to measure w/leak

CONSERVATION DIVISION

KANSAS CORFORATION ED

APR 26 2007

CONSERVATION DIVISION

WICHTA, KS. VISION

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

Wo# 209693

TICKET NUM	MBER	08840
LOCATION	のナナ	424
FOREMAN_	Alan	Mader

TREATMENT REPORT & FIELD TICKET

DATE	CUSTOMER#	WELL NA	AME & NUMI	BER	SECTION	TOWNSHIP	RANGE	COUNTY
10-41.06	6073	Kircher	13-0	<u> </u>	9	1/2	25	M;
CUSTOMER	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1,11.014		Ī		112		1.7//
0560rv	Eners	5 Y		1	TRUCK#	DRIVER	TRUCK#	DRIVER
MAILING ADDRE	ightharpoonup	í			389	AlaMad	!	
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CITY			PCODE		303	Ken Ham		
Ducy		O.	00013	_		<u> </u>		<u> </u>
JOB TYPE			7/8	HOLE DEPTH	587	CASING SIZE & W	EIGHT	
CASING DEPTH		DRILL PIPE		TUBING			OTHER	
SLURRY WEIGH	m 1/	SLURRY VOL		WATER gails		CEMENT LEFT in		
DISPLACEMENT		DISPLACEMENT P	4			RATE 41.60	<u>n</u>	15077
REMARKS: F	5×46 1.34	ed Circu	lallon	+ com	1	1 xes + pu	impod	150th
97 10	conditi	on hole	$\mathcal{M}: X$		mped 1	1/4 861		15er
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ACCOUNT CODE	QUANTITY	or UNITS	DE	SCRIPTION of	SERVICES or PR	ODUCT	UNIT PRICE	TOTAL
5401		/ PL	JMP CHARG	E		164		80000
5406	41	2 мі	LEAGE			164	**	126.00
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		-		KANSAS CORP	CRATION COMMIS	SION		
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	,					6,35	SALES TAX	107.28
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