

KANSAS CORPORATION COMMISSION OR GIVE Form ACO-1
OIL & GAS CONSERVATION DIVISION
Form Must Be Typed

WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 32294	API No. 15 - 121-28201 -00 - 0
Name: OSBORN ENERGY, LLC	County: MIAMI
Address: 24850 FARLEY	
City/State/Zip: BUCYRUS, KS 66013	1650 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: JEFF TAYLOR	Footages Calculated from Nearest Outside Section Corner:
Phone: (913) 533-9900	(circle one) NE SE (NW) SW
Contractor: Name: OSBORN ENERGY, LLC	Lease Name: SCOTT Well #: 1-21
License: 32294	Field Name: LOUISBURG
Wellsite Geologist: MEREDITH PEARCE	Producing Formation: S. MOUND, LEXINGTON, SUMMIT, MULKY
Designate Type of Completion:	Elevation: Ground: 1020 Kelly Bushing:
New Well Re-Entry Workover	Total Depth: 568' Plug Back Total Depth:
Oil SWD Temp. Abd.	Amount of Surface Pipe Set and Cemented at 20' Feet
✓ Gas ENHR SIGW	Multiple Stage Cementing Collar Used? ☐ Yes ✓ No
Dry Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth set Feet
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from 0
Operator: OSBORN ENERGY, LLC	feet depth to 20' w/ 3 sx cmt.
Well Name: SCOTT 1-21	3.5.
Original Comp. Date: WOC Original Total Depth: 336'	Drilling Fluid Management Plan DF NH (1-18-08)
Deepening Re-perf Conv. to Enhr./SWD	(Bata mast be conceited from the rieserval by)
Plug Back Plug Back Total Depth	Chloride content ppm Fluid volume bbls
Commingled Docket No	Dewatering method used
Dual Completion Docket No	Location of fluid disposal if hauled offsite:
Other (SWD or Enhr.?) Docket No	Operator Name:
·	Lease Name: License No.:
06/08/07 06/08/07 06/14/07 Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R
Recompletion Date Recompletion Date	County: Docket No.:
Kansas 67202, within 120 days of the spud date, recompletion, workor Information of side two of this form will be held confidential for a period of 107 for confidentiality in excess of 12 months). One copy of all wireline log TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged well	
All requirements of the statutes, rules and regulations promulgated to regulation are complete and correct to the best of my knowledge.	ulate the oil and gas industry have been fully complied with and the statements
Signature: Think I leave	KCC Office Use ONLY
Title: AGENT Date: 06/22/2007	Letter of Confidentiality Received
22 1	If Denied, Yes Date:
Subscribed and sworn to belore me una day or	Wireline Log Received
20 67	Geologist Report Received RECEIVED
Notary Public: Jane Brower Notary Public	UIC Distribution KANSAS CORPORATION COMMISS
Date Commission Expires: My Commission Expires 32	3.11 JUN 2 8 2007
Date Commission Express	30N 2 0 2007

Side Two

Dperator Name: OSBC	ORN ENERGY, LL	IERGY, LLC Lease N			e Name:	ame: SCOTT Well			_# . 1-21		
Sec. 21 Twp. 16				Count	y: MIAMI			· · · · · · · · · · · · · · · · · · ·			
NSTRUCTIONS: Sho ested, time tool open a emperature, fluid recor Electric Wireline Logs	and closed, flowing very, and flow rate:	g and shut-i s if gas to s	n pressures, v urface test, al	whether s long with	hut-in pre	ssure reached s	static level, hydros	static pressui	res, bottom l	nole	
orill Stem Tests Taken	neets)	☐ Ye	s 🗸 No		Δr	og Formatio	on (Top), Depth ar	nd Datum	☐ Sai	mple	
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Cores Taken Ye Electric Log Run Ye (Submit Copy)		s 🔽 No					ק בית ח	.			
ist All E. Logs Run:									SC		
								KCC JUN 2 5 2017 CONFIDENTIAL			
							C		ENTIAL		
		Report	CASING I		✓ Ne	ew Used ermediate, product	ion, etc.				
Purpose of String	Size Hole Drilled	Size	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	3	WATER		
PROD. PIPE	9 5/8"	7"	7"			*331'	CONSOLIDATED	TICKET	ATTACHED		
*LINER	6 1/4"	4 1/2 "	/2 "		316'						
			ADDITIONAL	CEMENT	ING / SQI	JEEZE RECORD					
Purpose: Perforate	Depth Top Bottom	Туре	of Cement	#Sacks Used		Type and Percent Additives					
Protect Casing Plug Back TD											
Plug Off Zone											
Shots Per Foot	PERFORATION RECORD - Bridge Plugs S							ord	Dooth		
Specify Footage of Each Interval Po				forated		(An	nount and Kind of Ma	teriai Used)		Depth	
							· · · · · · · · · · · · · · · · · · ·				
TUBING RECORD	Size	Set At		Packer	At	Liner Run	Yes No				
Date of First, Resumerd	Production, SWD or E	Enhr.	Producing Met	hod	Flowin	g Pumpir	ng Gas Life	: <u></u> Oı	ner (Explain)		
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wat	er B	bls. G	as-Oil Ratio		Gravity	
Disposition of Gas	METHOD OF (COMPLETIO	N		Production Interval						
Vented Sold	Used on Lease		Open Hole Other (Speci	Pe	rf. 🔲	Dually Comp.	Commingled _	KANSAS	RECEIN CORPORATION		

JUN 2 8 2007

Geological Report

Scott (Fisher) #1-21

1650 FNL, 1650 FWL Section 21-T16S-R25E Miami Co., Kansas API#15-121-28201

Elevation: 1020'

Driller: Osborn Energy, LLC

Spud: 06-04-06

Production Bore Hole: 9 5/8"

Rotary Total Depth: 336' on 06-05-06, Deepened to 568' on 06-08-07

Drilling Fluid: air

Production Csg.: 7" set @331' Geologist: Meredith Pearce

Formation	Driller Log Tops	Datum
Hushpuckney Shale	169'	851 ′
Base Kansas City	185 '	835 ′
Knobtown Sand	No call	
"Big Lake" Sand	No call	,
South Mound Zone	335 ′	685 ′
Hepler (Wayside) Sand	355 ′	665 ′
Weiser Sand	No call	
Myrick Station	422 ′	598 ′
Anna Shale (Lexington)	428′	592 ′
Peru Sand	No call	
Summit Shale Zone	368 ′	652 ′
Mulky Coal/Shale Zone	493'	527 ′
Squirrel Sand	No call	,
Bevier Zone	No call	
Total Depth	568 ′	

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CONSERVATION DIVISION WIGHTIN, NO

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

AUTHORIZATION

08706 TICKET NUMBER LOCATION_ D++ FOREMAN_

TREATMENT REPORT & FIELD TICKET

				CEMEN	T			
DATE	CUSTOMER#	WEL	L NAME & NUM	BER	SECTION	TOWNSHIP	RANGE	COUNTY
6.27.06	6023	Scott	母[71	16	25	M:
CUSTOMER	E	A			TRUCK#	DRIVER	TRUCK#	DRIVER
MAILING ADDRE		34		1	386	Alada	TROCK #	DRIVER
240	50 Far	101		-	164	Rachole		
CITY	30 20	STATE	ZIP CODE	1	122	Alltie		
Buch	VAU C	15.9	66113		100	1-10 PIE		
JOB TYPE I	one string		93/6	_ HOLE DEPTH	320	CASING SIZE & W	EIGHT 7	284
CASING DEPTH	\mathcal{I}	DRILL PIPE		TUBING			OTHER	
SLURRY WEIGH		SLURRY VOL_		WATER gails	k	CEMENT LEFT in	CASING 1/4	<u> </u>
DISPLACEMENT		DISPLACEMEN	T PSI	MIX PSI		RATE 4 6	Day	
REMARKS: E	GLABISH	nel ma	te M	ixed	200# ge	1 to 60	ndition	hde
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CODE	QUANTITY	or UNITS	Di	ESCRIPTION of	SERVICES or PR	ODUCT	UNIT PRICE	TOTAL.
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5406		40	MILEAGE			164		12400
5402	311	<u> </u>	casi	of for	stage	164		NIC
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			<u>.L</u>			4.58	SALES TAX ESTIMATED	<u> </u>
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AUTHORIZATION				$gW_{\mathtt{BJTIT}}$	# 2065	87	DATE	

Drilling at 166' in the Kansas City on 06-05-06 Background Gas (BG) 20 units

HUSHPUCKNEY SHALE called @169-171', gas kick to 376, <u>78 over BG</u> **GAS TEST @191', No Open Flow**

166-176 LS: gy, tan, calcite - SH: gy, dk gy, blk

176-186 LS: tan, calcite

186-196 SH: Lt gy, silty, TR LS: tan

196-206 SH: gy, sandy in places

 $\ensuremath{\textbf{KNOBTOWN}}$ $\ensuremath{\textbf{SAND}}$ not called, no gas kick with this

206-216 SH: gy, sandy, pyritic, free oil, strong odor

CG @216 159 units, 20 BG

216-226 SH: gy, silty, sandy in places

226-236 SH: gy, silty

236-246 SH: qy

246-256 aa

256-266 aa

CG @266 952 units, 56 BG

266-276 aa

276-286 SH: gy, silty

"BIG LAKE" SAND not called, no gas kick with this

286-296 SH: gy, sandy, lmy in places

296-306 SH: gy, sandy in places

306-316 SH: gy

CG @316 360 units, 16 BG

316-326 SH: gy

SOUTH MOUND ZONE called @335', gas kick to 1320 units, 1304 over BG **GAS TEST @336', 38 MCF w/poor seal**

326-336 SH: gy, dk gy, blk, show of free gas (SFG)

Stopped at @336' to cement casing @331'

Resumed drilling on 06/08/07

GAS TEST @336', Too small to measure

Background Gas 25 units

336-343 SH: gy

CG @343 71 units, 15 BG

343-348 SH: gy

348-353 SH: gy, sandy in places

HEPLER/WAYSIDE SAND called @355', gas kick to 95 units, 79 over BG
GAS TEST @368', 38 MCF

353-358 SS: clr, gy, shaly, ang, sub-rnd, poor sort, strong odor, occ oil on samples - SH: gy, sandy

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358-363 aa

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CONSERVATION DIVISION WICHITA, KS

COMPOEMIA WCC KCC

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363-368 SH: gy, sandy in places
CG @368 1184 units, 16 BG
368-373 SH: gy, TR sandy
373-378 SH: gy
378-383 LS: tan, calcite, TR fossils - SH: gy
383-388 LS: tan, Lt brn, calcite - SH: gy
388-393 SH: gy - LS: tan, calcite
**GAS TEST @393', decrease to 35 MCF**
CG @393 1144 units, 116 BG
393-398 SH: gy - LS: tan, sandy in places, slight odor, occ oil on samples
398-403 LS: brn, calcite, sandy in places, slight odor, occ oil on samples
403-408 SH: gy, sandy in places, TR LS: brn, sandy in places
408-413 SH: gy, silty
413-418 SH: gy, silty
CG @418 704 units, 108 BG
418-423 SH: gy, silty, TR LS: brn
423-428 LS: dk brn, calcite
LEXINGTON COAL ZONE called @428', gas kick to 132 units, 16 over BG
**GAS TEST 0443', Inc 3 MCF, 38 MCF Total for the Day**
428-433 SH: dk gy, blk, gy, NSFG - LS: tan, sandy
433-438 SH: gy, sandy, TR SS: gy, shaly, lmy in places
438-443 LS: tan, sandy in places - SH: gy
CG @443 1176 units, 120 BG
443-448 SH: gy, LS: tan, gy, calcite
448-453 SH: gy, lmy
453-458 SH: gy
458-463 SH: gy - LS: tan, calcite
463-468 LS: tan, calcite - SH: gy, TR dk gy
CG @468 1472 units, 104 BG
SUMMIT SHALE ZONE called @463-474', gas kick to 1136 units, 400 over BG
**GAS TEST @493', Inc 56 MCF, 94 MCF Total**
468-473 SH: dk gy, blk, good show of free gas, GSFG
473-478 SH: gy, dk gy w/gas - LS: tan, calcite
478-483 LS: tan, gy, calcite - SH: gy, lmy
483-488 SH: gy
488-493 SH: gy, TR blk
CG @493 1176 units, 400 BG
MULKY COAL/SHALE ZONE called @493-504', gas kick to 472 units, 72 over BG
**GAS TEST @518', Inc 21 MCF, 115 MCF Total**
493-498 SH: blk, blocky, TR coaly, pyritic, GSFG
498-503 SH: gy, sandy, TR blk, pyrite
503-508 SH: gy
508-513 SH: gy, silty
513-518 SH: gy, silty
CG @518 1176 units, 560 BG
518-523 SH: gy, silty
                                                                   RECEIVED
523-528 SH: gy - LS: tan, sandy
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SQUIRREL SAND driller not called, no gas kick with this

528-533 SS: clr, tan, ang, poor cmt

533-538 SS: clr, gy, shaly, poor cmt, TR pyrite - SH: gy, sandy

538-543 aa

543-548 SS: clr, gy, ang, shaly, mica - SH: gy - LS: tan

548-553 SS: aa - SH: gy, sandy

553-558 SH: gy, sandy - SS: aa

BEVIER ZONE driller not called, gas kick to 568 units, 40 over BG

558-563 SH: gy, sandy in places, TR dk gy, blk, coaly, SFG

563-568 LS: tan, calcite - SH: gy, dk gy

Total Depth 568' on 06-08-07

GAS TEST @568', No Increase, 115 MCF Total for the Day

Brief Summary

Stark No open flow Hushpuckney No open flow

South Mound >38 MCF (leaky seal)

Hepler/Wayside 38 MCF Lexington 3 MCF

Summit 56 MCF, making water

Mulky 21 MCF
Squirrel Sand No increase
Total >156 MCF

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