ORIGINAL

Kansas Corporation Commission Oil & Gas Conservation Division

2/26/10

Form ACO-1 September 1999 Form Must Be Typed

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 32294	API No. 15 - 121-28482-0000
Name: OSBORN ENERGY, LLC	County: Miami
Address: 24850 FARLEY	NW NW NE con 1 Turn 16 C D 23 1/ Foot West
City/State/Zip: BUCYRUS, KS 66013	330 feet from S / (N) (circle one) Line of Section
Purchaser: c 2008	2310 feet from E / W (circle one) Line of Section
Purchaser:FEB 2 6 2006 Operator Contact Person:FEB	Footages Calculated from Nearest Outside Section Corner:
Phone: (913) 533-9900 MCC	(circle one) (NE) SE NW SW
Contractor: Name: OSBORN ENERGY, LLC	Lease Name: Ashley Well #: 1-1
License: 24850 FARLEY	Field Name: Paola/Rantule
Wellsite Geologist: Curstin Hamblin	Producing Formation: MARMATON AND CHEROKEE
Designate Type of Completion:	Elevation: Ground: 915' Kelly Bushing:
New Well Re-Entry Workover	Total Depth: 843' Plug Back Total Depth:
Oil SWD SIOWTemp. Abd.	Amount of Surface Pipe Set and Cemented at 21.6' 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 827'
Operator:	feet depth to 21.6' w/ 143 sx cmt.
Well Name:	oot dop.ii to
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan
Deepening Re-perf Conv. to Enhr./SWD	(Data must be collected from the Reserve Pit)
Plug BackPlug Back Total Depth	Chloride content ppm Fluid volume bbls
	Dewatering method used
Commingled Docket No.	Location of fluid disposal if hauled offsite:
Dual Completion Docket No	Operator Name:
Other (SWD or Enhr.?) Docket No.	Lease Name: License No.:
12/07/2007 12/14/2007	Quarter Sec. Twp. S. R. East West
Spud Date or Date Reached TD Completion Date or 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	oth the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, over or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. If 12 months if requested in writing and submitted with the form (see rule 82-3-105 and geologist well report shall be attached with this form. ALL CEMENTING Is. Submit CP-111 form with all temporarily abandoned wells.
	ulate the oil and gas industry have been fully complied with and the statements
nerein are complete and correct to the best of my knowledge.	
Signature: Custin Hourbein	KCC Office Use ONLY
Caralia	y
0/4 -	Letter of Confidentiality Received RECEIVED
Subscribed and sworn to before me this doday of tebruary	If Denied, Yes Date: KANSAS CORPORATION COMMIS
0008	Wireline Log Received
Jane Brown	Geologist Report Received FEB 2 9 2008
Notary Public Pu	CONSERVATION DIVISION
Date Commission Expires: State of Kans	WICHITA, KS
My Commission Expire	5 <u> </u>

Side Two

perator Name: OSBC	r Name: OSBORN ENERGY, LLC Lease Name:			Ashley Well #: 1-1					
Sec Twp6			☐ West		ty: Miami				
NSTRUCTIONS: Sho ested, time tool open emperature, fluid reco flectric Wireline Logs	and closed, flowing very, and flow rate	ng and shutes es if gas to	in pressures, surface test, a	whether salong with	shut-in pro	essure reached	d static level, hydro	static pressu	
Orill Stem Tests Taken (Attach Additional Si		☐ Ye	s 📝 No		 ✓L	og Forma	ition (Top), Depth a	nd Datum	Sample
Samples Sent to Geolo	ogical Survey	✓ Ye	s 🗌 No		Nam	ie .		Тор	Datum .
Cores Taken Electric Log Run (Submit Copy)		☐ Ye						a	
ist All E. Logs Run:					Well	rell log attached CONFIDENTIAL			DENTIAL
Gamma Ray N	eutron							FEB 2 6 2008	
								K	CC
		Repor		RECORD		ew Used ermediate, produ	action, etc.		
Purpose of String	Size Hole Drilled		Casing (In O.D.)		eight . / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
SURFACE	13 1/2"	8 5/8"		n/a		21.6'	PORTLAND	6	WATER
PRODUCTION	6 3/4"	4 1/2"		9 1/2		827"	CONSOLIDATED	TICKET	ATTACHED
Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone	Depth _ Top Bottom	Туре	ADDITIONAL of Cement	T	s Used	JEEZE RECOR		ercent Additive	es
Shots Per Foot PERFORATION RECORD - Bridge Plugs Set/Typ Specify Footage of Each Interval Perforated				•	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depti				
		· · · · · · · · · · · · · · · · · · ·		·- · · · ·					
								KAT	RECEIVED NSAS CORPORATION COM
TUBING RECORD	Size	Set At	<u> </u>	Packer	At	Liner Run			FEB 2 9 2008 CONSERVATION DIVIS
							Yes No		WICHITA, KS
Date of First, Resumerd	Production, SWD or	Enhr.	Producing Met	hod	Flowin	g Pump	oing Gas Lift	Otl	her <i>(Explain)</i>
Estimated Production Per 24 Hours	Oil	Bbls.	Gas WC	Mcf	Wate	er	Bbls. G	as-Oil Ratio	Gravity
Disposition of Gas	METHOD OF	COMPLETIO	N .			Production Inte	erval		
Vented Sold	Used on Lease nit ACO-18.)		✓ Open Hole Other (Spec	Per	f. [][Dually Comp.	Commingled	· .	

Geological Report

Ashley # 1-1

330 FNL, 2310 FEL Section 1-T16S-R23E Miami Co., Kansas API# 121-28482-0000

Elevation: 915' GL, according to kcc.

Drilling Contractor: Osborn Energy, L.L.C (Lic. # 32294)

Spud: 12-12-2007

Production Bore Hole: 6 34"

Rotary Total Depth: 843' on 12/14/2007

Drilling Fluid: air Surface Csg.: 8 5/8"

Production Csg.: 4" set at 827' Geologist: Curstin Hamblin

Formation	Driller Tops	Thickness	Log Tops	Datum	
Stark Shale	168-169 '	6 ′	166-172	749	
Hushpuckney Shale	194-195 '	3 ′	195-198	720	
Base Kansas City	222 ′		218	697	
Knobtown Sand	No call				
Carbonaceous-Zone	No call	· · · · · · · · · · · · · · · · · · ·	2.4		
"Big Lake" Sand	,				
South Mound Zone	368-370 ′	5 <i>'</i>	365-370	550	
Hepler (Wayside) Sa	nd No call				
"Upper" Mulberry Zo:	ne No call				
Mulberry Zone	410-411'	3 ′	410-413	505	
Weiser Sand	,				
Myrick Station	,				
Lexington Coal Zone	452-454'	6 ′	451-457	464	
Peru Sand	No call				
Summit Shale Zone	492-498'	5 ′	492-497	423	
Mulky Coal/Shale Zo:	ne 508-513'	5 ′	511-516	404	
Squirrel Sand	569 '				,
Bevier Coal	,	4′	602-606	313	
Crowburg Coal	,		,		
Mineral Coal	622-626 ′	5 ′	614-619	301	_
Scammon Coal	,	3 ′	646-652	269	RECEIVED COMMISSION
Tebo	,	4'	686-690	229 ANS	RECEIVED AS CORPORATION COMMISSION
Weir-Pittsburg coal	,	•		(6.0)	FEB 29 2008
Rotary Total Depth	843	,		72	LEB 5 3 5000
					CONSERVATION DIVISION WICHITA, KS

WICHITA, KS

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Drilling at 118' in the Kansas City on 12/12/2007
Background Gas (BG) 7.7 units
118-128: LS: white, grey
128-138: SH: grey, gummy
138-148: LS: grey, SH: some grey
148-158: LS: lt grey, white
158-168: LS: tan & grey
STARK FORMATION Geologist called @ 168", No gas kick, BG running at 6.5 units
168-178: SH: black, LS: grey
178-188: LS: tan
HUSHPUCKNEY SHALE Geologist called @194', kick to 34.5 units, 28 units over BG
BG running at 4.3 units
188-198: SH: black, grey, LS: white
198-208: LS: white, tan, SH: some grey
208-218: LS: white, tan, SH: some grev
218-228: SH: grey & gummy
228-238: SH: grey & Gummy
238-248: SH: grey & Gummy
248-258: SH: Grey, gummy
258-268: SAND: grey & gummy
268-278: SH: grey
278-288: SH: grey & gummy
Stopped drilling at 4:50pm at 293' on 12/12/2007
Resumed drilling at 11:15am at 293' on 12/13/2007, with water. Over night
something produced water.
**GAS TEST Before drilling, 22 MCF, 22 MCF Total**
BG at 6.5
288-298: SH: grey, gummy
298-308: SH: grey, gummy
308-318: SH: grey, gummy
318-328: SH: grey, gummy, some black-Black started at 328'
328-338: SH: grey, black
338-348: SH: grey, black, LS: tan
348-358: SH: grey, some black, LS: tan, Sand: biotite & muscovite
358-368: SH: grey, black, SAND: tan, grey, PYRITE, SAND: grey, tan
SOUTH MOUND ZONE Geologist called @ 368', no accurate gas kick due to a new
connection at 368'
**GAS TEST @368', 27 MCF 49 MCF Total**
         fair gas bubbles
**GAS TEST @379', 7 MCF 56 MCF Total, the South mound had 34 MCF
total**
BG at 42.6 units
                                                                 KANSAS CORPORATION COMMISSION
368-378: SH: grey, black, PYRITE
378-388: LS: grey, tan, SH: grey, some black w/ pyrite on it
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**GAS TEST @393', 56 MCF Total

BG at 33.0 units

388-398: SH: grey, some black, SAND: red, grey 398-408: SH: red, lots of red, grey, LS: some tan

Mulberry Zone Geologist called @410-411''

408-418: LS: tan, white, SH: some black, grey

**GAS TEST @418', 56 MCF Total

BG at 30.4 units

418-428: LS: tan, white, SH: grey, some black 428-438: SAND: black & grey, LS: tan/grey

438-448: SH: grey, some sand

LEXINGTON COAL ZONE Geologist called @452', no gas kick

BG running at 36.5 units

452': gas bubbles fair to good

448-458: SH: black, grey, PYRITE, Sand: grey 458-468: SH: grey, black, PYRITE, Sand: grey

**GAS TEST @468',0 MCF 56 Total **

468-478: LS: lt grey w/ calcified fractures

478-488: SH: grey, some black

SUMMIT SHALE ZONE Geologist called @492', kick to 35.4 units, 2.4 units over BG --picked up some water, but not a lot

**GAS TEST @493',2 MCF 58 Total **

495': fair to good gas bubbles

488-498: SH: black & grey

**GAS TEST @503, 6 MCF 64 Total, Summit zone had 8 MCF Total **

MULKY COAL/SHALE ZONE Geologist called @508', kick to 38.6 units, 2.1 over BG

498-508: SH: black & Grey

513-514': black shale, fair gas bubbles

508-518: SH: black, grey

**GAS TEST @518', 64 MCF Total

BG running at 38.9 units

518-528: SH: grey, some black w/ pyrite on it, SAND: some

528-538: SH: grey, SAND: grey, tan

538-548: SH: grey, SAND: some tan

548-558: SH: grey, some black

559': gas kick from 35.0 units to 43 units, 8 units over BG

558-568: dk grey siltstone

SQUIRREL SAND Geologist called @ 569', BG from 44.7 to 45.2 units

**GAS TEST @568', 64 MCF Total

568-578: SAND: grey

578-588: siltstone, grey

588-598: SAND: grey w/ black specks

598-608: SH: grey, some black, SAND: grey

▶Bevier Coal? 607': Black coal, poor-fair gas bubbles, no gas kick

608-618: SH: grey, some black

▶618': Black Shale, no gas bubbles BG from 39.5-45.2 units, 5.7 units total

**GAS TEST @618', 56 MCF Total

Stopped drilling at 4:15pm on 12/13/2007 at 618' Resumed drilling at 11:06am on 12/14/2007 at 618'

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**GAS TEST @618', 0 MCF, 56 MCF Total

Mineral Coal Geologist called @ 622', 'no gas kick **GAS TEST @643', 0 MCF, 56 MCF Total ▶622-626: black shale/coal-poor gas bubbles, scattered through 638'

618-628: SH: black, grey, some pyrite. 628-638: SH: black, grey, SAND: grey

638-648: SH: black, grey, LS: grey, some SAND

▶Scammon? 650-653': black coal, no gas kick, no gas bubbles

648-658: SH: black, grey, SAND: some

658-668: SH: grey, black, some siltstone, Sand: grey, LS: some tan

▶672-688': dk grey shale-black, gas kick from 35 to 41.4 units, 6.4 units total ----poor gas bubbles

**** going through the dark grey shale we picked up water---TEBO?

668-678: SH: dark grey

678-688: SH: black, dk grey, LS: dk grey

**GAS TEST @693', 4 MCF, 60 MCF Total

688-698: SH: grey, some black, siltstone, SAND: some 698-708: SH: grey, Siltstone, grey, SAND: grey, PYRITE

708-718: dk grey, some pyrite, SAND: some white

**GAS TEST @718', -11 MCF, 49 MCF Total

▶723-726': black shale, no gas kick, poor-fair gas bubbles

718-728: SH: dk grey, some black, SAND: grey, some, pyrite

728-738: SH: dk grey, some siltstone, some SAND, pyrite ***The dark grey shale is nearly black with some small black chips in all of the samples

738-748: SH: dk grey, grey w/ pyrite, PYRITE, SAND: some grey

748-758: dk grey shale w/ pyrite growth interbeded with green shale, SAND: white w/ tan nodules

▶757': Black coal, poor gas bubbles, gas kick from 36 to 39 units, 3 units 758-768: SAND: white w/ brown nodules & white growth, SH: dk grey, PYRITE

**GAS TEST @768', 7 MCF, 56 MCF Total

--we picked up water that seems to have a little oil in it, not much

768-778: SAND: white, grey, SH: green, black

778-788: SAND: grey, white, SH: some green & black

788-798: SAND: grey, dk grey, SH: grey, dk grey

798-808: dk grey shale to 805' then inter bedded with grey sand to 808'

808-818: SAND: It grey, SH: some black

**GAS TEST @818', -5 MCF, 51 MCF Total

818-828: SAND: It grey, dk grey, white, LS: very little, tan

828-838: SAND: dk grey, banded,

838-843: SH: grey, trace black w/ pyrite, some sand, some ls

Stopped drilling at 3:00pm on 12/14/2007 at 843'

**GAS TEST @843', 51 MCF Total

Total Rotary Depth, 843'

KANSAS CORPORATION COMMISSION RECEIVED FEB 29 2008 CONSERVATION DIVISION WICHITA, KS

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

CONFIDENTIAL FEB 2 6 2008

TICKET NUMBER LOCATION Oftage FOREMAN Fred

TREATMENT REPORTS FIELD TICKET CEMENT

DATE	CUSTOMER#	WELL NAME & NUA	ABER	SECTION	LOWNSHIP	RANCE	COUNTY
2/15/00	6073	Asley # 1-1			1-6	23	MI
CUSTOMER		O-		Tanakanan ka			
0 =	born E	way		TRUCK II	DRIVER	TRUCK#	DRIVER
MAILING ADDRI	ESS	<i>* (</i>)		506	Fred		
2.48	850 Far	leu ;		360	Bill		
CITY		STOCKE ZIP CODE		510	Bret		
Bucke		KS 46013					
JOB TYPEL		HOLE SIZE	_ HOLE DEPTH_	843	CASING SIZE & W	EIGHT <u>4多</u>	·
CASING DEPTH	82719	DRILL PIPE				OTHER	
SLURRY WEIGH	सा	SLURRY VOL	WATER gol/sk		CEMENT LEFT IN C	CASING 4/5	Plug -
REMARKS:	ata blish	Circulation.	Mixx	Pump	200#	remium	Cul
Fl	ush M	by Pump >	BBL TE	Utali.	dye. Ah	ead at	•
	46 SKe	50/50 Por	nix Can	w. Ken	1 8% Cu	14#	
		el. Flush D					
		er plug to		_ ,	•		•
$\rho_{\mathbf{r}}$	essure	to 708 # 951	Relea	ce Pre	seere to	sex Fl	· Xoo
Va	lve. Ch	k flug depth	w/ Win	21m.			
		<i>U</i>	<u>'</u>		4	am.	adi
Cus	tomer Su	pplied Water.					
		V					

ACCOUNT CODE	QUANTITY OF UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL.
5401	1	PUMP CHARGE Coment Pump 368		87500
5406	40 mi	MILEAGE Pump Truck 368		13800
5407	Min: mem	MILEAGE Pump Truck 368 Ton Mileage 510		3002
1124	143 sks	50150 Por Mix Coment		/329 %
MYB	446*	Premium Gal		기 택
4404	,	SO/50 Por Mix Coment Premium Gal 4k" Rubber Plug		42 ==
		Sub Total		2756 26
		Tux @ 6.55%		94.53
			SALES TAX	2000 79

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