

APR 26 2007

WELL COMPLETION FORM

ORIGINAL

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

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

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. \_\_\_\_\_

09/26/06 10/05/06 10/24/06  
Spud Date or Date Reached TD Completion Date or  
Recompletion Date Recompletion Date

API No. 15 - 121-28203-00-00  
County: MIAMI  
SW NW SE Sec. 9 Twp. 16 S. R. 25  East  West  
2310 1650 feet from S / N (circle one) Line of Section  
2310 feet from E / W (circle one) Line of Section  
per CI - KCC - 1/1/07  
Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE NW SW  
Lease Name: KIRCHER Well #: 10-9  
Field Name: LOUISBURG

Producing Formation: MARMATON & CHEROKEE  
Elevation: Ground: 1097 Kelly Bushing: \_\_\_\_\_  
Total Depth: 680 Plug Back Total Depth: N/A  
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/ 4 sx cmt.

Drilling Fluid Management Plan ALJ II W/M  
(Data must be collected from the Reserve Pit) 8-27-07  
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 Pearce  
Title: Geologist Date: Apr 24, 2007  
Subscribed and sworn to before me this 24<sup>th</sup> day of April

2007  
Notary Public: Jane Brewer  
Date Commission Expires: 3-23-11 My Commission Expires 3-23-11

**KCC Office Use ONLY**  
 Letter of Confidentiality Received  
If Denied, Yes  Date: 4-26-07  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

Operator Name: OSBORN ENERGY, LLC Lease Name: KIRCHER Well #: 10-9  
 Sec. 9 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

**DRILLER LOG ATTACHED**

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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
<b>SURFACE</b>	13"	10 3/4"		20'	PORTLAND	4	WATER
<b>PROD. PIPE</b>	9 7/8"	7"		488'	CONSOLIDATED	TICKET	ATTACHED

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 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 <input type="checkbox"/> Yes <input type="checkbox"/> No

Date of First, Resumerd Production, SWD or Enhr.	Producing Method <input type="checkbox"/> Flowing <input 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

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 \_\_\_\_\_

## DRILLER LOG

### Kircher #10-9

1650 FSL, 2310 FEL  
Section 9-T16S-R25E  
Miami Co., Kansas  
API#15-121-28203  
Elevation: 1097' GL  
Driller: Osborn Energy, LLC  
Spud: 09-26-06  
Production Bore Hole: 9 1/2"  
Rotary Total Depth: 680' on 10-05-06  
Drilling Fluid: air  
Production Csg.: 7"  
Geologist: Meredith Pearce

<u>Formation</u>	<u>Driller Log Tops</u>	<u>Datum</u>
Stark Shale	263'	834'
Hushpuckney Shale	294'	803'
Base Kansas City	312'	785'
Knobtown Sand	No call	
Carbonaceous Zone in Tacket Fm.	No call	
"Big Lake" Sand	No call	
South Mound Zone	490'	607'
Hepler (Wayside) Sand	No call	
Mulberry Zone	525'	572'
Weiser Sand	No call	
Myrick Station	552'	545'
Anna Shale (Lexington Coal Zone)	559'	538'
Peru Sand	No call	
Summit Shale Zone	598'	499'
Mulky Coal/Shale Zone	621'	476'
Squirrel Sand	No call	
Bevier Zone	675'	422'
Rotary Total Depth	680'	

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## Geological Report

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Drilling at 242' in the Kansas City on 09-27-06  
No gas kicks prior to this  
Background Gas (BG) 11 units

242-247 LS: tan, calcite, TR fossils  
247-252 LS: tan, calcite, TR fossils  
252-257 LS: tan, calcite, TR fossils - SH: gy  
257-262 LS: tan, calcite, TR fossils - SH: gy

**STARK FORMATION** driller called @263', no gas kick with this

**\*\*GAS TEST @267' , No Open Flow\*\***

262-267 LS: tan, calcite, TR fossils - SH: dy gy, blk w/vv slight free gas

CG @276 13 units, 12 BG

267-272 LS: tan, calcite, fossils - SH: dk gy, blk, gy  
272-277 LS: tan, brn, calcite, fossils - SH: gy  
277-282 LS: tan, brn, calcite, fossils  
282-287 LS: tan, calcite, fossils  
287-292 LS: tan, gy, calcite

CG @292 16 units, 14 BG

**HUSHPUCKNEY SHALE** driller called @294', no gas kick with this

**\*\*GAS TEST @317' , No Open Flow\*\***

292-297 LS: tan, calcite - SH: blk w/vv slight free gas, TR pyrite  
297-302 SH: gy - LS: tan, calcite  
302-307 LS: tan, calcite, TR fossils - SH: gy, TR blk  
307-312 LS: tan, calcite  
312-317 SH: gy, silty - LS: tan, calcite

CG @317 15 units, 14 BG

317-322 SH: gy, silty - LS: tan, calcite  
322-327 SH: gy, silty  
327-332 SH: gy, silty  
332-337 SH: gy  
337-342 SH: gy

CG @342 NONE, 15 BG

342-347 SH: gy, sandy TR pyrite

**KNOBTOWN SAND** not called, no gas kick with this

347-352 SH: gy, sandy - SS: clr, gy, shaly, mica, ang., poor sort, well cem'd  
352-357 SH: gy, sandy  
357-362 SH: gy, sandy in places  
362-367 SH: gy, silty

CG @367 NONE, 15 BG (Tested okay with lighter)

367-372 SH: gy, sandy in places - LS: tan, calcite  
372-377 SH: gy  
377-382 SH: gy  
382-387 SH: gy  
387-392 SH: gy

CG @392 NONO, 15 BG

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392-397 SH: gy, sandy, TR pyrite  
397-402 SH: gy  
402-407 SH: gy, silty  
407-412 SH: gy, silty  
412-417 SH: gy

CG @417 16 units, 15 BG  
417-422 SH: gy, sandy in places

**CARBONACEOUS ZONE IN THACKET FM.** Not called, gas kick to 27 units, 11 over BG  
**\*\*GAS TEST @267', No Open Flow\*\***

422-427 SH: gy, lmy in places, TR blk, coaly w/free gas, TR pyrite  
427-432 SH: gy, lmy in places  
432-437 SH: gy, lmy - LS: tan, gy, calcite in fractures, TR fossils  
437-442 SH: gy, lmy - LS: tan, gy, calcite in fractures, TR fossils

CG @442 NONE, 17 BG

**"BIG LAKE" SAND** driller not called, gas kick to 18 units, 1 over BG

442-447 SH: gy, sandy, lmy in places - SS: clr, tan, TR pyrite, ang., poor sort  
447-452 SH: gy  
452-457 SH: gy  
457-462 SH: gy, sandy in places  
462-467 SH: gy, silty

CG @467 18 units, 17 BG  
467-472 SH: gy, sandy in places  
472-477 SH: gy  
477-482 SH: gy  
482-487 SH: gy

**SOUTH MOUND ZONE** driller called @490', gas kick to 132 units, 114 over BG  
**\*\*GAS TEST @492', 22 MCF\*\***

487-492 SH: blk w/free gas, dk gy, gy

Stopped to cement casing

Resumed drilling @494' on 10-03-06 at 1pm  
Background gas, 34 units

**\*\*GAS TEST @494', <16 MCF w/leak (est. 22 MCF)\*\***

CG @494 97 units, 31 BG  
494-499 SH: gy  
499-504 SH: gy  
504-509 SH: gy  
509-514 SH: gy  
514-519 SH: gy

CG @519 1200 units, 33 BG  
519-524 SH: gy

**MULBERRY ZONE** called @525', no gas kick with this

524-529 SH: gy, blk, coaly w/free gas  
529-534 SH: gy  
534-539 SH: gy - LS: tan  
539-544 SH: gy, silty

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CG @544 290 units, 47 BG  
544-549 SH: gy, silty  
549-554 LS: brn, dk brn, calcite  
554-559 LS: brn, dk brn, calcite, TR SH: blk, coaly w/free gas

**LEXINGTON COAL ZONE** called @559', gas kick to 64 units, 20 over BG  
**\*\*GAS TEST @580', 16 MCF w/leak (est. 31 MCF, inc 9)\*\***  
559-564 SH: gy, sandy, blk, coaly in places, lots of free gas, TR pyrite  
564-569 SH: gy, sandy in places, TR blk, TR LS: brn

Stopped @569' at 4pm

Resumed drilling on 10-05-06 at 7am  
Background gas, 88 units  
**\*\*Unable to perform open flow test\*\***

569-574 SH: gy  
574-579 SH: gy, lmy - LS: gy, tan  
579-584 LS: tan, gy, calcite  
584-589 LS: tan, gy, calcite  
589-594 SJH: gy, LS: tan, calcite

CG @594 1208 units, 72 BG

**SUMMIT SHALE ZONE** driller called @598', gas kick to 112 units, 32 over BG  
**\*\*Unable to perform open flow test\*\***

594-599 SH: gy, dk gy, blk w/slight free gas  
599-604 SH: gy, dk gy, blk w/slight free gas - LS: tan, calcite  
604-609 LS: tan, calcite - SH: gy  
609-614 LS: tan, sandy in places, calcite - SH: gy  
614-619 SH: gy, dk gy - LS: tan, sandy in places, calcite

CG @619 1512 units, 64 BG

**MULKY COAL/SHALE ZONE** driller called @621', gas kick to 840 units, 808 over BG  
**\*\*GAS TEST @644', 49 MCF w/leak\*\***

619-624 SH: gy, dk gy, blk w/slight free gas  
624-629 SH: dk gy, blk w/slight free gas  
629-634 SH: blk, coaly w/gas  
634-639 SH: blk, coaly w/gas  
639-644 SH: gy, dk gy, blk

CG @644 1572 units, 80 BG  
644-649 SH: gy, sandy in places - LS: tan, sandy  
649-654 SH: gy, blk, coaly w/slight free gas, TR pyrite - LS: tan, sandy  
654-659 SH: gy, sandy in places, TR blk

**SQUIRREL SAND** not called, no gas kick with this  
659-664 SH: gy - SS: clr, fosted, ang., poor sort, occ oil on samples  
664-669 SS: clr, fosted, ang., poor sort, occ oil on samples - SH: gy

CG @669 1456 units, 80 BG  
669-674 SH: gy

**BEVIER ZONE** called @675', no gas kick with this  
674-680 LS: tan, calcite - SH: gy, TR blk, coaly

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Total Rotary Depth 680' on 10-05-06  
**\*\*GAS TEST @680', No increase\*\***

Brief Summary

Stark	No open flow
Hushpuckney	No open flow
South Mound	>22 MCF
Lexington	~9 MCF
Summit+Mulky	>49 MCF
<u>Squirrel Sand</u>	<u>No increase</u>
Total	>49 MCF (leaky seal)

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