

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
October 2008
Form Must Be Typed

8/07/11

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 32294
Name: Osborn Energy, L.L.C. **CONFIDENTIAL**
Address 1: 24850 Farley AUG 07 2009
Address 2:
City: Bucyrus State: KS Zip: 66013 **KCC**
Contact Person: Curstin Hamblin
Phone: (913) 533-9900 **KANSAS CORPORATION COMMISSION**

CONTRACTOR: License # 32294
Name: Osborn Energy, L.L.C. **AUG 10 2009**
Wellsite Geologist: Curstin Hamblin **RECEIVED**
Purchaser: Akawa Natural Gas, L.L.C.

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SIOW
 Gas ENHR SIGW
 CM (Coal Bed Methane) Temp. Abd.
 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. Conv. to SWD
 Plug Back: Plug Back Total Depth
 Commingled Docket No.:
 Dual Completion Docket No.:
 Other (SWD or Enhr.?) Docket No.:
7/27/2009 7/28/2009 7/31/2009
Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - 121-28696-0000
Spot Description: S2 of NW/4 of Sec. 21, T16S R25E
N2 -NW -SW -NW Sec. 21 Twp. 16 S. R. 25 East West
3660 Feet from North / South Line of Section
330 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW

County: Miami
Lease Name: Fischer Well #: 6-21

Field Name: Louisburg
Producing Formation: Marmaton

Elevation: Ground: 1099 Kelly Bushing:
Total Depth: 959 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 23.75 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: Feet
If Alternate II completion, cement circulated from: 937.60
feet depth to: surface w/ 126 sx cmt.

Drilling Fluid Management Plan **AH II 11/9-2809**
(Data must be collected from the Reserve Pit)

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: Curstin Hamblin
Title: Geologist Date: 8-7-09
Subscribed and sworn to before me this 7th day of August,
2009.
Notary Public: [Signature]
Date Commission Expires:

Jane Brewer
Notary Public
State of Kansas
My Commission Expires 3-23-11

KCC Office Use ONLY
 Letter of Confidentiality Received
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

Operator Name: Osborn Energy, L.L.C. Lease Name: Fischer Well #: 6-21
 Sec. 21 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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum <div style="text-align: center;"> CONFIDENTIAL AUG 07 2009 KCC </div> <div style="text-align: right;"> KANSAS CORPORATION COMMISSION AUG 10 2009 RECEIVED </div>
--	---

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
Surface	12 1/4"	8 5/8"		23.75	portland	5	water
Production	6 3/4"	4 1/2"		937.60	owc	126	200# gel, 96 bbl dye

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 <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or Enhr. _____		Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____	
Estimated Production Per 24 Hours	Oil Bbbs.	Gas Mcf	Water Bbbs. Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
---	---	--

Geological Report

CONFIDENTIAL

AUG 07 2009

KCC

Fischer # 6-21

3660 FSL, 330 FWL

Section: 21-T16-R25E

N2-NW-SW-NW

Miami Co., Kansas

API#: 15-121-28696-0000

Elevation: 1099' GL

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

Spud: 7/27/2009

Production Bore Hole: 6 3/4"

Rotary Total Depth: 959 on 7/28/2009

Drilling Fluid: air

Surface Csg.: 8 5/8" on 7/27/2009 @ 23.75 in 12 1/2" hole

Production Csg.: 4 1/2" @ 937.60'

Geologist: Curstin Hamblin

Driller: Brian Schwab

KANSAS CORPORATION COMMISSION

**AUG 10 2009
RECEIVED**

<u>Formation</u>	<u>Driller Log Tops</u>	<u>Datum</u>
Stark Shale	199-201'	900
Hushpuckney Shale	219-221'	880
Base Kansas City	226?'	873
Knobtown Sand	No call	
Carbonaceous Zone in Tacket Fm.	No call	
"Big Lake" Sand	No call	
South Mound Zone	389-390'	710
Hepler (Wayside) Sand	417-418	682
"Upper" Mulberry Zone	No call	
Mulberry Zone	450'	649
Weiser Sand	No call	
Myrick Station	486-487'	613
Anna Shale (Lexington Coal Zone)	488-489'	611
Peru Sand	No call	
Summit Shale Zone	529-531'	570
Mulky Coal/Shale Zone	553-558'	546
Squirrel Sand	560'	539
Bevier Zone	No call	
Croweburg Zone	623-624'	476
Fleming Zone	No Call	
Mineral Zone	No Call	
Cattleman Sand	No Call	

CONFIDENTIAL

Scammon Zone	667-671	AUG 07 2009	432
Tebo Zone	692-698'		407
Bartlesville A Sand	729-748'	KCC	370
Un Named Zone	No call		
Bartlesville B Sand	775'		324
Dry Wood Zone			
Bartlesville C Sand	782-791'		317
Sand			
Sand			
Upper Neutral Zone	No call		
Lower Neutral Zone	No call		
Neutral Shale Zone	No cal		
Riverton Shale	888-899		211
Mississippian	924		175
Rotary Total Depth	959'		

Drilling at 159' in the Kansas City on 7/28/2009 at 7:30am
Background Gas (BG)18.2 units

159-168: SH: grey, gummy
169-178: SH: grey, limey, LS: grey
179-188: LS: white, lt grey
189-198: LS: white, SH: grey

STARK FORMATION driller called @ 199-201', gas kick of 3.7 units over BG
****GAS TEST @219', 0 MCF****

201: SH: black, no gas in samples
199-208: LS: grey, SH: dk grey/black, LS: sandy, oil show, good breakout oil, good oil on samples
208-211: gas kick of 11 units, oil show, SS: limey, well cemented, good breakout oil, good oil on samples
209-218: LS: white, lt grey, SS: well cemented, limey, bleeding oil

HUSHPUCKNEY SHALE Geologist called @219-221', gas kick of 25 units over BG
****GAS TEST @239', < 16 MCF ****

220: SH: black, no gas in samples
219-228: LS: lt grey, SH: grey
226: **BKC**
229-238: SH: grey, SH: black, LS: grey
239-248: LS: lt grey, SH: grey/sandy
249-258: Siltstone: lt grey, LS: tan
259-268: Siltstone: dk grey, shaley
269-278: Siltstone: dk grey, sandy, Pyrite, SS: tan, small grained
279-288: Siltstone: dk grey, SH: grey
289-298: Siltstone: dk grey, SH: grey
299-308: SH: grey
309-318: Siltstone: dk grey
319-328: Siltstone: dk grey, limey
329-338: Siltstone: dk grey
339-348: SH: grey, some limey, LS: <1' tan
349-358: SS: lt grey, small grained
359-368: SH: grey

KANSAS CORPORATION COMMISSION
AUG 10 2009
RECEIVED

CONFIDENTIAL

AUG 07 2009

KCC

369-378: SH: grey, silty

SOUTH MOUND ZONE Geologist called @389-390', gas kick of 97 units over BG

****GAS TEST @398', 22 MCF Total****

389: SH: black, fair gas in samples

379-388: SH: grey

389-398: SH: grey, black

399-408: SH: grey, silty

HEPLER/WAYSIDE SAND: Geologist called at 417-418, gas kick of 425 units over BG

****GAS TEST @419', 47 MCF, 69 open flow, 69 MCF Total****

409-418: SH: grey, SS: tan, medium grained, slight oil

419-428: SH: grey, sandy, SS: grey, medium grained, some is very ratty. Some is bleeding lots of oil

429-438: SH: grey, gummy, Occ. Tan LS

439-448: LS: tan, lt grey, SH: grey

449-458: SH: black, LS: pinkish, grey

****GAS TEST @459', 0 MCF, 47 open flow, 69 MCF Total****

459-468: LS: pinkish, SS: lt grey, small grained

469-478: SH: dk grey/grey

WEISER SAND- No call

LEXINGTON COAL ZONE Geologist called @488-489', gas kick of 32 units over BG

****GAS TEST @499', 15 MCF, 62 open flow, 84 Total****

Picked up a little water

489: SH: black, good gas in samples

479-488: LS: brown, SH: black

489-498: SH: black, Pyrite, SH: grey, Coal

499-508: LS: lt grey, white

509-518: SH: grey, limey

SUMMIT SHALE ZONE Geologist called @529-531', gas kick of 0 units over BG

****GAS TEST @539', 8 MCF, 70 open flow, 92 MCF Total ****

530: SH: black, good gas in samples

519-528: LS: lt grey, SH: grey

529-538: SH: grey, gummy, SH: black, LS: grey

539-548: SH: grey, limey, crinoid stems

MULKY COAL/SHALE ZONE Geologist called @553-558', gas kick of 25 units over BG

****GAS TEST @579', 28 MCF, 98 open flow, 120 MCF Total ****

Picked up some water

556: SH: black, Coal: good gas in samples

549-558: SH: black, Coal, SS: lt grey, small grained

SQUIRREL SAND Geologist called @560'

559-568: SS: grey, small grained, bleeding oil, occ. Medium grained

569-578: SS: grey, medium grained, greasy, good bleeding oil in samples, Pyrite

579-588: SS: grayish tan, medium grained, no oil

589-598: SS: tan, medium grained

599-608: SS: tan, large grained, pyrite, SH: black

609-618: SS: dk grey, large grained, coal growth

BEVIER ZONE - NO call

CROWEBURG ZONE Geologist called at 623-624', gas kick of 0 units over bg

KANSAS CORPORATION COMMISSION
AUG 10 2009
RECEIVED

CONFIDENTIAL

AUG 07 2009

KCC

619-628: SH: dk grey, black, coal, SS: dk grey, large grained
629-638: SH: grey, Coal
639-648: SS: lt grey, small grained
649-658: SH: grey, red
659-668: SH: grey, black, SS: grey, small grained

FLEMING ZONE No call

MINERAL ZONE No call

CATTLEMAN SAND No call

SCAMMON ZONE Geologist called at 667-671', gas kick of 0 units over bg
****GAS TEST @ 679', 0 MCF, 85-90 MCF open flow, 120 mcf total****

667-671: SH: black, Coal: fair gas in samples
669-678: SS: grey, small grained, Coal
679-688: SS: lt grey, small grained

TEBO ZONE Geologist called at 692-698', gas kick of 0 units over bg
****GAS TEST @ 699', 0 MCF, 85 MCF open flow, 120 mcf total ****

698: SH: grey, poor gas in samples
689-698: SH: grey, LS: tan

Stopped drilling at 2:30pm on 7/28/2009 for storms.
Started drilling at 6:30am on 7/29/2009.

****GAS TEST @ 699' 0 MCF, 69 open flow ****

699-708: SH: black, grey, limey, Coal, Pyrite
704: 97.2 gas kick
708: Coal and SH: black, good gas in samples

709-718: SH: grey, black, Coal

****GAS TEST @ 719 '0 MCF, 69 open flow ****

719-728: SH: grey, black, Coal, Pyrite, SS: lt grey 1%, small grained

BARTELSVILLE A Geologist called at 729-748', gas kick of 99.2 units over bg
****GAS TEST @ 739' 23 MCF, 92 open flow, 143 total ****

729-738: SS: white and grey banded, small grained, SS: white: 738: medium grained

739-748: SS: banded, small grained, SS: lt grey, small grained, SH: grey

739-741: very small shale break, more ratty sand,

747-748: clean white sand

742-746, 749-758: SH: Grey/dk grey, with some sand

749-758: SH: grey, Coal

****GAS TEST @ 759' 0 MCF, 85 MCF open flow, 143 total****

759-768: SH: dk grey/black, Coal, LS: 1% tan

UN NAMED ZONE No call

BARTLESVILLE B Geologist called at 775', no chromatograph

****GAS TEST @ 779', 0 MCF, 78 MCF open flow, 143 total ****

769-778: SH: dk grey, coal, SS: lt grey, small grained

DRYWOOD ZONE No call

BARTELSVILLE C Geologist called at 782-791', gas kick of 100.4 units over bg

KANSAS CORPORATION COMMISSION
AUG 10 2009
RECEIVED

CONFIDENTIAL

AUG 07 2009

KCC

****GAS TEST @ ' , 0 MCF, 69 MCF open flow ****

779-788: SH: dk grey, SS: lt grey, small grained

789-798: SS: lt grey, small grained, Coal: 797

804: Gas kick of 178.8

799-808: SS: lt grey, small grained

809-818: SS: dk grey, very fine grained, SS: lt grey, medium grained

****GAS TEST @ 819', 23 MCF, 92 MCF open flow, 166 total****

819-828: SH: grey, Coal, SS: grey, small grained

829-838: SH: grey, Coal, SS: 1% lt grey, small grained, LS: 1% tan

839-848: SS: grey, medium grained, speckled, some black specks, coal

849-858: SS: lt grey, speckled, some Pyrite

****GAS TEST @ 859', 0 MCF, 69 MCF open flow, 166 total****

Gas tests surge from the water flow above

859-868: SS: grey speckled, SH: dk grey, sandy

866: SS: dk grey, 91.6 gas kick

869-878: SS: dk grey, medium grained, SS: white, medium/small grained, SH: grey

****GAS TEST @ 879', 7 MCF, 76 MCF open flow, 173 total****

879-888: SH: grey, dk grey

RIVERTON ZONE Geologist called at 888-899', gas kick of 35.2 units over bg

****GAS TEST @ 899', 16 MCF, 92 MCF open flow, 189 total****

896: SH: dk grey, no gas in samples

889-898: SH: dk grey, no coal

899-908: SH: dk grey, Coal, Pyrite, SS: lt grey, medium grained

909-918: SS: white, large grained, SH: dk grey, Pyrite

MISSISSIPPIAN Geologist called at 924'

919-928: SS: lt grey, medium grained, Chert, LS: tan

929-938: LS: lt grey/tan

939-948: LS: nodular, tan, Pyrite, SS: large grained, brown: 947-948

949-958: LS: nodular, grey/tan

Total Rotary Depth, 959 on 7/28/2009 at 11:30am

****GAS TEST @ 959', 0 MCF, 69-75 open flow, 189 MCF Total ****

Gas tests are surging due to water coming into the hole.

KANSAS CORPORATION COMMISSION

AUG 10 2009

RECEIVED

CONFIDENTIAL

AUG 07 2009

TICKET NUMBER 20147

KCC

LOCATION Ottawa KS

FOREMAN Fred Madar



PO Box 884, Chanute, KS 66720
620-431-8210 or 800-467-8678

**FIELD TICKET & TREATMENT REPORT
CEMENT**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
7/31/09	6073	Fisher #6	SW 16	20	25	MI
CUSTOMER			TRUCK #	DRIVER	TRUCK #	DRIVER
Osborn Energy LLC			506	FREEMAN		
MAILING ADDRESS			368	KENHAM		
Farley			510	JASHAR		
CITY	STATE	ZIP CODE				
Bucyrus	KS	66013				

JOB TYPE hangstep HOLE SIZE 6 7/8 HOLE DEPTH 950' CASING SIZE & WEIGHT 4 1/2"
 CASING DEPTH 940' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT _____ SLURRY VOL. _____ WATER gal/sk _____ CEMENT LEFT in CASING 4 1/2 Plug
 DISPLACEMENT 14.9 BBL DISPLACEMENT PSI _____ MIX PSI _____ RATE 48 PM

REMARKS: Mix + Pump 200# Premium Gel. Flush. Mix + Pump
9 1/2 BBLs Yellow dye Mix + Pump 126 sks DWC
Cement w/ 1/4# Flo Seal per sack. Flush pump & lines
clean. Displace 4 1/2" Rubber Plug to casing TD

KANSAS CORPORATION COMMISSION

AUG 10 2009

Customer Supplied H2O

RECEIVED

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1 672	PUMP CHARGE Cement Pump	368	870.00
5406	20545 mi	MILEAGE Pump Truck	368	77.63
5402	940'	Casing Footage		N/S
5407A	266.19 T/m	Tan Mileage	510	309.13
1126	126 sks	DWC Cement		2016.00
111RB	200#	Premium Gel		32.00
1107	32#	Flo Seal		63.04
4404	1	4 1/2" Rubber Plug		43.00
			6.55%	SALES TAX ESTIMATED TOTAL
				141.10
				3551.90

Form 9737

AUTHORIZATION [Signature]
 Received Time Aug. 1. 2009 2:57PM No. 0024

TITLE _____ DATE _____
230674