

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

1-25-09
Form ACO-1
September 1999
Form Must Be Typed

Operator: License # 32294
 Name: OSBORN ENERGY, LLC
 Address: 24850 FARLEY
 City/State/Zip: BUCYRUS, KS 66013
 Purchaser: AKAWA NATURAL GAS, LLC
 Operator Contact Person: JEFF TAYLOR
 Phone: (913) 533-9900
 Contractor: Name: GLAZE DRILLING
 License: 5885
 Wellsite Geologist: MEREDITH PEARCE
 Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SIOW 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. _____
 11/01/06 11/03/06 WAITING ON COMPLETION
 Spud Date or Date Reached TD Completion Date or
 Recompletion Date Recompletion Date

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API No. 15 - 121-28308-60-00
 County: MIAMI
 _____ SE _____ NW _____ Sec. 27 Twp. 16 S. R. 25 East West
990 feet from S (circle one) Line of Section
1056 feet from E (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE NW SW
 Lease Name: GRAUBERGER Well #: 11-27
 Field Name: LOUISBURG
 Producing Formation: MARMATON & CHEROKEE
 Elevation: Ground: 1029' Kelly Bushing: _____
 Total Depth: 920' Plug Back Total Depth: _____
 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/ 6 _____ sx cmt.

Drilling Fluid Management Plan AH INH 9-16-08
 (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: Meredith S. Pearce
 Title: Geologist Date: Jan 26, 2007
 Subscribed and sworn to before me this _____ day of _____,
 20_____.
 Notary Public: Genia Vincent Notary Public
 State of Kansas
 Date Commission Expires: _____ My Appointment Expires 10/2/10

KCC Office Use ONLY
 Letter of Confidentiality Received
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
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Operator Name: OSBORN ENERGY, LLC Lease Name: GRAUBERGER Well #: 11-27
 Sec. 27 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:

**HIGH RESOLUTION COMPENSATED DENSITY
 SIDEWALL NEUTRON LOG and
 DUAL INDUCTION LL3/GR LOG**

Log Formation (Top), Depth and Datum Sample
 Name Top Datum
WELL 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
SURFACE	10 1/2"	8"		20'	PORTLAND	6	WATER
PROD. PIPE	6 3/4"	4 1/2 "		912'	CONSOLIDATED	TICKET	ATTACHED

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing				
___ Plug Back TD				
___ 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 checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.	Producing Method <input type="checkbox"/> Flowing <input checked="" 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
		10	25	

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 _____

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WELL#	LEASE NAME	SPUD DATE	COMPANY	DRILLER	RIG TYPE	THICK	FORMATION	RUN TOTAL	COMMENTS	GAS TESTS	POINTS IN	DEPTH
20	Gurber	20								140=0	1	20
51	Shale	71								160=0	2	40
11	Lime	92								300=0	3	60
*4	Shale	96								340=0	4	80
29	Lime	128	with							reset 360	5	100
4	Shale	125								370	6	120
2	BLK-SLT	130	no							380	7	140
3	Shale	133								420=490	8	160
23	Lime	156	Gas								9	180
3	Shale	152									10	200
2	BLK-SLT	160	no								11	220
2	Lime	167									12	240
4	Shale	166									13	260
8	Lime	173	He							"the B.C."	14	280
11	Shale	256									15	300
5	Sandy shale	294									16	320
9	SAND	299	o.c.							small no gas	17	340
40	Shale	333									18	360
2	BLK-SLT	341	o.c.							o.c. Gas	19	380
32	Shale	373	(at							water)	20	400
3	Lime	378									21	420
5	Shale	391									22	440
9	Lime	390									23	460
4	Sandy shale	390										480
13	Shale	407										500
4	Lime	411	o.c.							o.c.		520
2	BLK-SLT	413	o.c.							o.c. (49000)		540
4	SAND	417	o.c.							water		560
6	Sandy shale	423										580
3	Lime	426										600
20	Shale	446										620
4	Lime	450										640
1	BLK-SLT	451										660
1	Lime	452										680
2	Shale	454										700
4	BLK-SLT	459										720
	Shale											740

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WELL # 192 LEASE NAME Go Berger
 COMPANY _____ DRILLER _____

THICK	FORMATION	RUN TOTAL	COMMENT
		454	
19	Shale	477	
10	BLK SLT	496	200
16	Shale	502	white
25	Sand	527	low
12	Shale	539	low
1	BLK SLT	540	low
2	Shale	542	Top
2	Limp	544	300
41	Shale	585	
10	Sandy Shale	595	
46	Shale	641	na
6	Sand	647	na
7	Sand Shale	650	
11	Shale	665	100
5	Sandy Shale	670	
16	Shale	696	
10	Sandy Shale	696	
26	Shale	722	
25	Sand Shale	747	
4	Sand	751	hard
10	Sandy Shale	761	shale
4	Sand	765	shale
10	Shale Sand	775	
10	Sand	822	
17	Lime	840	
		109	

SPUD DATE	RIG TYPE	GAS TESTS	POWERS IN	OUT
		(420 =)	20	
		49000	40	
			38760	12
			39700	13
		(460 =)	40	12
		82000	41	11
			42	10
		(405 =)	43	10
		49000	44	9
		49000	45	7
		65000	46	7
		total	46	7
			48	
		(Test 520)	50	
		65000	50	
			50	
		(Test 540)	50	
		79000	50	
			50	
		(Test 6)	50	
		60	50	
		69000	50	
			50	
			23	9
			24	9
		(OR 1119)	25	9
		49000	26	8
			27	5
			28	4
			29	3
			30	3
			31	3
			32	3
		0000	33	2
			34	2
			35	2
			36	2
			37	2

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Geological Report

Grauberger #11-27

990 FNL, 1056 FWL
Section 27-T16S-R25E
Miami Co, Kansas
API #15-121-28308
Elevation: 1029' GL
Drilling Contractor: Glaze Drilling Co. (Lic #5885)
Spud date: 11-01-06
Rotary Total Depth: 920' on 11-03-06
Drilling Fluid: air

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<u>Formation</u>	<u>Driller Log Tops (ft)</u>	<u>Datum (ft)</u>
Stark Shale	128	901
Hushpuckney Shale	158	871
Base Kansas City	175	854
Knobtown Sand	No call	
Carbonaceous Zone in Thacket Fm.	No call	
"Big Lake" Sand	291	738
South Mound Zone	339	690
Hepler (Wayside) Sand	No call	
Mulberry Zone	No call	
Weiser Sand	No call	
Myrick Station	407	622
Anna Shale (Lexington)	411	618
Peru Sand	413	616
Summit Shale Zone	450	579
Mulky Coal/Shale Zone	476	553
Squirrel Sand Zone	502	527
Bevier Zone	539	490
Croweburg Zone	No call	
Mineral Zone	No call	
Scammon Zone	No call	
Tebo Zone	No call	
Bartlesville "A" Zone	641	388
"Un-named" Zone	No call	
Bartlesville "B" Zone	No call	
Dry Wood Zone	No call	
Bartlesville "C" Zone	No call	
Rowe Zone	No call	
Neutral Zone	No call	
"E" Sand	No call	

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"F" Sand	No call	
"G" Sand	No call	
"H" Sand	No call	
Burgess Sand	775	254
Riverton Zone	No call	
Mississippian	824	205
Rotary Total Depth	920	

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Major Zones of Interest (Depths based on Driller's Log measurements)

Stark Shale 128-130. Shale, black, dark grey, no show of free gas, no gas kick, no open flow, no water

Hushpuckney Shale 158-160. Shale, dark grey, black, no shows of free gas, no gas kick, no open flow, no water

"Big Lake" Sand 291-299. Sandstone, clear, frosted, grey with tan tint, silt size to fine grain, angular, poorly sorted, well consolidated, good odor, weak show of free oil, no shows of free gas, gas kick 5 units over background, no open flow, no water

South Mound 339-341. Shale, black, weak show of free gas, gas kick 9 units over background for 1st foot, but large connection gas at 340' (1197 units vs. 8 units on previous connection), no open flow at 340', but measured 35 MCF after drilling through zone, making water

Lexington 411-413. Shale, black, very dark grey, "coaly," fair show of free gas from the "coaly shale", gas kick 88 units over background, making little water, open flow increased by 14 MCF

Summit Shale 450-451, 454-458. Shale, black, dark grey, no show of free gas, no gas kick, no open flow, no water

Mulky Shale/Coal 476-486. Shale, very dark grey, black, "coaly," pyritic in part, making water, no gas kick, first 4', no show, no increase in open flow, next 6' more "coaly" with good show of free gas, open flow increased by 16 MCF

Squirrel Sand 502-527. Sandstone, clear, grey, shaly, very fine to fine grained, angular, micaceous, very angular to angular, very fine to fine grained, poorly sorted, well cemented, no shows, no gas kick no open flow, large increase in water, "Middle" and "Lower" not separated

Bevier Zone 539-540. Coal and "coaly" shale, black, very dark grey, good show of free gas, no gas kick, open flow increased by 13 MCF

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Bartlesville "A" Sand 641-647. Sandstone, clear, dark grey, shaly, angular, micaceous, poorly sorted, well cemented, no shows, no gas kick, no open flow, no water noted

Burgess Sand 775-824. Clear, white, grey, shaly in places, angular to sub-round, very fine to fine grained, poorly sorted, poor to moderately consolidated, pyritic in most, carbonaceous in part, no shows, no gas kick, no open flow, very large increases in dark, smelly (SO₂) water

Brief Summary:

Stark	no open flow, no water
Hushpuckney	no open flow, no water
"Big Lake" Sand	
South Mound	35 MCF, water
Lexington	14 MCF, no water
Summit	no open flow, no water
Mulky	16 MCF, water
Squirrel Sand	no open flow, "lots" of water
<u>Bevier</u>	<u>13 MCF, no water</u>
Total	78 MCF

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

TICKET NUMBER 08997
LOCATION Ottawa KS
FOREMAN Fred Mader

TREATMENT REPORT & FIELD TICKET
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
11/6/06	6073	Grauberg # 11-27	27	16	25	Mi
CUSTOMER <u>Osborn Energy LLC</u>			TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS <u>24850 Farley</u>			506	Fred Mader		
CITY	STATE	ZIP CODE	495	Car Ken		
<u>Bucyrus</u>	<u>KS</u>	<u>66013</u>	510	Car And		

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JOB TYPE Long string HOLE SIZE 6 3/4 HOLE DEPTH 920' CASING SIZE & WEIGHT 4 1/2"
CASING DEPTH 920 DRILL PIPE _____ TUBING _____ OTHER _____
SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 4 1/2" plug
DISPLACEMENT 14.5 BBL DISPLACEMENT PSI _____ MIX PSI _____ RATE 6 BPM

REMARKS: Wash last joint casing down. Mix Pump 100# Premium Gel Flush. Mix Pump 80 1/2 BBL Telltale dye ahead of 128 sks Thickset Cement w/ 1/4" Flo Seal 5# Kol Seal per sack Flush Pump & Lines check. Displace 4 1/2" rubber plug to casing TD w/ 14.5 BBL Fresh Water. Pressure to 600# Release pressure to set float valve. Check plug depth w/ measuring line.

Customer Supplied Water

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE Cement Pump	495	800 ⁰⁰
5406	40 mi	MILEAGE Pump Truck	495	126 ⁰⁰
5407	Minimum	Ten Mileage	510	275 ⁰⁰
1126A	119 sks	100 Thickset Cement		1743 ³⁵
1107	32#	Flo Seal		57 ⁶⁰
1110A	640#	Kol Seal		230 ⁴⁰
1118B	340	Premium Gel		476 ⁷⁰
4404	1	4 1/2" Rubber Plug.		40 ⁰⁰
Sub Total				3319 ⁹⁵
Tax @ 6.3%				198.79
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SALES TAX ESTIMATE TOTAL				3458.74

AUTHORIZATION Bill Blum

TITLE W# 210375

DATE _____

1-25-09



24850 Farley, Bucyrus, KS 66013
Phone 913.533.9900 Fax 913.533.9955

Meredith Pearce
Geologist
913-533-9900

1/25/2007

Kansas Corporation Commission
Conservation Division
130 S. Market, Room 2078
Wichita, KS 67202

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Dear Commissioners,

Osborn Energy, LLC, a Kansas corporation having its principal place of business at:

24850 Farley
Bucyrus, KS 66013

Is requesting that the KCC keep the information on the following form
Well Completion Form (ACO-1)

Lease Name: GRAUBERGER Well #: 11-27 API#: 15-121-28308

<u>Sec</u>	<u>Twn</u>	<u>Rng</u>
<u>27</u>	<u>16</u>	<u>25E</u>
_____	_____	_____

Confidential for the maximum amount of time allowed, 24 months, which Osborn Energy, LLC understands the KCC desires to obtain the confidential and proprietary information for the sole purpose of regulating the gas and oil industry.

Very Truly Yours,

Meredith Pearce
Geologist
Osborn Energy, LLC.

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