

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

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: JEFF TAYLOR  
 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. \_\_\_\_\_  

<u>12/22/05</u>	<u>12/24/05</u>	<u>01/09/06</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 121-28120-00-00  
 County: MIAMI  
SE NW SW Sec. 12 Twp. 16 S. R. 24  East  West  
1650 feet from  S / N (circle one) Line of Section  
990 feet from E /  W (circle one) Line of Section  
 Footages Calculated from Nearest Outside Section Corner:  
 (circle one) NE SE NW SW  
 Lease Name: SOMEDAY Well #: 45-12  
 Field Name: PAOLA- RANTOUL  
 Producing Formation: MARMATON & CHEROKEE  
 Elevation: Ground: 975 Kelly Bushing: \_\_\_\_\_  
 Total Depth: 580 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.

ORIGINAL  
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**Drilling Fluid Management Plan**  
 (Data must be collected from the Reserve Pit)  
*ArztWilm*  
12-28-07  
 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: [Signature]  
 Title: OP MGR Date: 1/31/06  
 Subscribed and sworn to before me this 31 day of Jan  
[Signature]  
 Notary Public: \_\_\_\_\_  
 Date Commission Expires: \_\_\_\_\_

Erin R. Stephenson  
 Notary Public  
 State of Kansas  
 My Appointment Expires 11/24/07

**KCC Office Use ONLY**

YES Letter of Confidentiality Received  
 If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 LHC Distribution

**RECEIVED**  
**FEB 08 2006**  
**KCC WICHITA**

Operator Name: OSBORN ENERGY, LLC Lease Name: SOMEDAY Well #: 45-12  
 Sec. 12 Twp. 16 S. R. 24  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

WELL LOG ATTACHED

ORIGINAL

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	13"	10.5"		20	PORTLAND	6	WATER
LINER	9.5"	4.5"		231.67			
PROD. PIPE	9.5"	7"		386.8'	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

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# Glaze Drilling Company

22139 S. Victory Rd.  
 Spring Hill K.S. 66083  
 Phone : (913) 592-2033  
 Fax : (913) 592-2448  
 glazedrilling@aol.com

15-121-28120-00-00

CUSTOMER Doborn Energy  
 LEASE NAME Someday  
 WELL NUMBER 45-121  
 SPUD DATE 12-20-05  
 SURFACE SIZE 10" HOLE SIZE 9 1/2"

ORIGINAL

## WELL LOG

thick formation t.d. comments in out

20	Surface	20		
18	Shale	38		
12	Lime	50		
18	Shale	68		
3	Lime	71		
45	Shale	116		
8	Lime	124		
14	Shale	138		
28	Lime	166		
2	Shale	168		
2	Blk Slate	170	φ gas	
2	Shale	172		
21	Lime	193		
2	Shale	195		
1	Blk Slate	196	very sm. amt gas.	

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15-121-28120-00-00

4	Lime	200	
6	Shale	206	
7	Lime	213	Hertha
22	Shale	335	
8	Shale (Sandy)	343	
42	Shale	385	8,000 CFM)
3	Blk Plate	388	
22	Shale	410	
7	Shale (Sandy)	417	
4	Slaty shale	421	test of gas
20	Shale	441	
3	Lime	444	
2	Blk Plate	446	test of gas
3	Shale	449	
10	Shale (Sandy)	459	
2	Lime	461	
7	Shale	468	
1	Lime	469	
1	Shale	470	
5	Lime	475	
12	Shale	487	
2	Blk Plate	489	
7	Shale	496	
2	Lime	498	
15	Shale	513	
10	Blk Plate	523	43,000 CFM Total
18	Shale	541	51,000 CFM
34	Sand	575	
5	Shale	580	T.D

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15-121-28120-00-00

Geological Report

**Someday #45-12**

1650 FSL, 990 FWL

Section 12-T16S-R24E

Miami Co., Kansas

API#15-121-28120

Elevation:

Drilling Contractor: Glaze Drilling (Lic. #5885)

Spud: 12/20/05

Surface: 13" bore hole, set 20' of 10 1/2" csg cmt'd w/ 5 sx

Production Bore Hole: 9 1/2"

Rotary Total Depth: 580'

Drilling Fluid: air

E-Log Total Depth: No Open Hole Run

Production Csg.: 7"

Geologist: Meredith Pearce

ORIGINAL

<u>Formation</u>	<u>Driller Log Tops</u>	<u>Datum</u>
Stark Shale	168'	
Hushpuckney Shale	195'	
Base Kansas City	213'	
"Upper" Knobtown Sand	No call	
"Middle" Knobtown Sand	No call	
"Lower" Knobtown Sand	No call	
Carbonaceous Zone in Tacket Fm.	No call	
"Big Lake" Sand	No call	
South Mound Zone	385'	
Hepler (Wayside) Sand	No call	
"Upper" Mulberry Zone	No call	
Mulberry Zone	No call	
Weiser Sand	No call	
Myrick Station	441'	
Anna Shale (Lexington Coal Zone)	444'	
Peru Sand	No call	
Summit Shale Zone	487'	
Mulky Coal/Shale Zone	513'	
Squirrel Sand	541'	
Bevier Zone	No call	
Rotary Total Depth	580'	

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28120  
15-121-~~28210~~-00-00

Drilling at 140' in the Kansas City at 12pm on 12/20/05

No gas kicks prior to this

Background Gas (BG) 8.9 units

140-150 LS: gy to Lt. gy, tan, hard calcite in fractures, part fossiliferous

150-160 LS: tan, gy, hard calcite in fractures

160-170 LS: tan to gy - SH: dark gy, TR blk, v. slight pping gas

STARK FORMATION driller called @168-170', missed kick

170-180 SH: blk, dark gy, v. slight pping gas - LS: tan to gy

**\*\*GAS TEST @180', No Open Flow\*\***

180-190 LS: tan, hard calcite in fractures, part fossiliferous

190-200 SH: blk, dark gy, v. slight pping gas - LS: tan

HUSHPUCKNEY SHALE driller called @195-196', missed kick

**\*\*GAS TEST @200', Open Flowed "puff" of gas\*\***

200-210 LS: gy, TR tan - SH: gy, silty

210-220 SiltSt: gy - SH: gy, silty

**\*Restored Chromatograph @220', kick 40 units, 7 BG\***

CG @220 47 units, 17 BG

220-230 SiltSt: greenish Lt. gy

230-240 SH: gy, silty

CG @240 33 units, 21 BG

240-250 SH: gy

250-260 SH: gy

CG @260 26 units, 18 BG

260-270 SH: gy

270-280 SH: gy

CG @280 26 units, 15 BG

280-290 SH: gy

290-300 SH: gy

CG @300 34 units, 14 BG

300-310 SH: gy

310-320 SH: gy, silty

CG @320 49 units, 14 BG

320-330 SH: gy, silty

330-340 SiltSt: Lt. gy - SH, gy, silty

CG @340 36 units, 21 BG

340-350 SH: gy, silty

350-360 SH: gy, sandy in places, TR pyritic

CG @360 35 units, 24 BG

360-370 SH: gy, silty

370-380 SH: gy, silty

CG @380 46 units, 25 BG

380-390 SH: gy, blk, slight pping gas

390-400 SH: gy, silty

SOUTH MOUND ZONE driller called @385-388', kick 182 units (163 over BG)

**\*\*GAS TEST @400', 8 MCF\*\***

CG @400 5632 units, 1152 BG

400-410 SH: gy

410-420 SH: gy, sandy, TR blk, TR pyretic, v. slight pping gas

**\*\*GAS TEST @400', No inc.\*\***

CG @420 396 units,

420-430 SH: gy

430-440 SH: gy, silty

Stopped drilling @440' at 4:30pm

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Drilling resumed @440' at 8:45am on 12/21/05  
440-450 LS: tan - SH: gy, blk, slight pping gas

LEXINGTON COAL ZONE driller called @444-146', missed kick

**\*\*GAS TEST @460', No inc.\*\***

450-460 SH: gy, TR blk - LS: tan

\*Restored Chromatograph @460'\*

CG @460 460 units, 90 BG

460-470 SH: green, Lt. gy, TR LS: Lt. gy to tan

470-480 LS: tan to gy, calcite in fractures - SH: gy

CG @480 312 units, 68 BG

480-490 SH: gy, blk, v.v. slight pping gas

SUMMIT SHALE ZONE driller called @487-489', kick 149 units (63 over BG)

**\*\*GAS TEST @500', No inc.\*\***

490-500 SH: gy - LS: gy to tan

CG @500 572 units, 45 BG

500-510 SH: gy

510-520 SH: blk, gy, slight pping gas

MULKY COAL/SHALE ZONE driller called @513-523', kick 660 units (535 over BG)

**\*\*GAS TEST @520', inc. 43 MCF, Total 51 MCF\*\***

CG @520 1408 units, 848 BG

520-530 SH: blk, v. slight pping gas, gy, sandy in places

530-540 SH: gy, TR blk, TR LS gy to tan

CG @540 1376 units, 960 BG

540-550 SS: clear, gy, v. slight pping gas - SH: gy, TR blk

SQUIRREL SAND driller called @541'

550-560 SS: clear, gy, v. slight pping gas

CG @560 2960 units, 1096 BG

560-570 SS: clear, gy, TR SH: blk, v. slight pping gas

570-580 SS: clear, gy - SH: gy, silty

**\*\*GAS TEST @580', inc. 18 MCF, Total 69 MCF\*\***

ORIGINAL

Brief Summary

Stark	No open flow
Hushpuckney	Open flowed "puff" of gas
South Mound	8 MCF
Lexington	No increase
Summit	No increase
Mulkey	43 MCF
Squirrel Sand	18 MCF
Total	69 MCF

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