

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

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

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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. _____

<u>4/17/06</u>	<u>4/19/06</u>	<u>5/16/06</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 121-28184-0000
County: MIAMI
NE NE SE SE Sec. 16 Twp. 16 S. R. 25 East West
2310 feet from (S) / N (circle one) Line of Section
330 feet from (E) / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: ROETHER Well #: 1-16
Field Name: LOUISBURG
Producing Formation: MARMATON AND CHEROKEE
Elevation: Ground: 1023' Kelly Bushing: _____
Total Depth: 600' 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 AIF II NH 6-11-08
(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: [Signature]
Title: GEOLOGIST Date: May 31, 2006
Subscribed and sworn to before me this 31 day of May
20 06
Notary Public: [Signature]
Date Commission Expires: _____

Erin R. Stephenson
Notary Public
State of Kansas
My Appointment Expires 11.24.07

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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: ROETHER

Well #: 1-16

Sec. 16 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

WELL LOG ATTACHED

CASING RECORD New Used

Report all strings set-conductor, surface, intermediate, production, etc.

Table with 8 columns: 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. Rows include SURFACE, LINER, and PROD. PIPE.

ADDITIONAL CEMENTING / SQUEEZE RECORD

Table with 5 columns: Purpose (Perforate, Protect Casing, Plug Back TD, Plug Off Zone), Depth Top Bottom, Type of Cement, #Sacks Used, Type and Percent Additives.

Table with 4 columns: 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. Includes a large 'RECEIVED JUN 14 2006 KCC WICHITA' stamp.

TUBING RECORD table with columns: Size, Set At, Packer At, Liner Run Yes No.

Table with 2 columns: Date of First, Resumerd Production, SWD or Enhr., Producing Method Flowing Pumping Gas Lift Other (Explain).

Table with 5 columns: Estimated Production Per 24 Hours, Oil Bbls., Gas Mcf, Water Bbls., Gas-Oil Ratio, Gravity. Values: 10, 25.

Disposition of Gas METHOD OF COMPLETION Production Interval Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled Other (Specify)

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Geological Report

Roether #1-16

2310 FSL, 330 FEL
Section 16-T16S-R25E
Miami Co., Kansas
API# 15-121-28184
Elevation: 1023' GL
Drilling Contractor: Glaze Drilling (Lic. #5885)
Spud: 04-17-06
Production Bore Hole: 9 1/4"
Rotary Total Depth: 600' on 04-19-06
Drilling Fluid: air
Production Csg.: 7"
Geologist: Meredith Pearce

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<u>Formation</u>	<u>Driller Log Tops</u>	<u>Datum</u>
Stark Shale	183'	840'
Hushpuckney Shale	210'	813'
Base Kansas City	225'	798'
Knobtown Sand	250'	773'
Carbonaceous Zone in Tacket Fm.	No call	
"Big Lake" Sand	No call	
South Mound Zone	382'	641'
Hepler (Wayside) Sand	No call	
"Upper" Mulberry Zone	No call	
Mulberry Zone	No call	
Weiser Sand	440'	583'
Myrick Station	460'	563'
Anna Shale (Lexington Coal Zone)	464'	559'
Peru Sand	No call	
Summit Shale Zone	502'	521'
Mulky Coal/Shale Zone	530'	493'
Squirrel Sand	550'	473'
Rotary Total Depth	600'	

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Drilling at 180' in the Kansas City on 04-18-06
Background Gas (BG) 9 units

STARK FORMATION driller called @183-184', gas kick to 11 units, 1 over BG
****GAS TEST @200', No Open Flow****

180-190 SH: gy, dark gy, blk
190-200 LS: tan, gy, calcite in fractures, TR fossils
CG @200 8 units, 6 BG
200-210 LS: tan, calcite in fractures, TR fossils - SH: gy, TR blk

HUSHPUCKNEY SHALE driller called @210-211', kick to 7 units, 3 over BG
****GAS TEST @220', No Open Flow****

210-220 SH: gy, dark gy, blk - LS: tan, brn, calcite in fractures
CG @220 14 units, 6 BG
220-230 LS: tan, calcite in fractures - SH: gy, silty, dark gy
230-240 SH: Lt. greenish-gy, silty
CG @240 6 units, 3 BG
240-250 SH: gy

KNOBTOWN SAND driller called @250-256', kick to 9 units, 6 over BG
****GAS TEST @260', No Open Flow****

250-260 SS: clear, gy, mica, TR pyrite, angular, free oil - SH: gy, sandy
CG @260 13 units, 4 BG
260-270 SH: gy
270-280 SH: gy
CG @280 11 units, 3 BG
280-290 SH: gy
290-300 SH: gy
CG @300 10 units, 4 BG
300-310 SH: gy
310-320 SH: gy, silty
CG @320 7 units, 3 BG
320-330 SH: gy, silty

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"BIG LAKE" SAND not called, gas kick to 6 units, 3 over BG

330-340 SH: gy, sandy, TR coal w/free gas
CG @340 5 units, 3 BG
340-350 SH: gy, sandy in places
350-360 SH: gy
CG @360 8 units, 3 BG
Gas kick to 5 units, 2 over BG
360-370 SH: gy
370-380 SH: gy
CG @380 7 units, 3 BG

SOUTH MOUND ZONE driller called @382-385', gas kick to 561 units, 557 over BG
****GAS TEST @400', 27 MCF Total****

380-390 SH: gy, dark gy, blk w/free gas
390-400 SH: Lt gy, silty
Drilling stopped.@400' at 5pm

Resumed drilling on 04-19-06 at

****MORNING GAS TEST @400', "Puff" of gas****

400-410 SH: gy, silty
410-420 LS: tan, calcite in fractures - SH: gy
CG @420 236 units, 116 BG

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420-430 SH: gy - LS: tan, brn, calcite in fractures
430-440 LS: tan, brn, calcite
CG @440 248 units, 100 BG

WEISER SAND driller called @440-445', gas kick to 116 units, 16 over BG
****GAS TEST @460', 22 MCF Total**** return of South Mound not new from sand
440-450 SS: clear, brn, gy, angular, free oil, odor - SH: gy, sandy
450-460 SH: gy, silty
CG @460 282 units, 124 BG

LEXINGTON COAL ZONE driller called @464-466', kick to 580 units, 496 over BG
****GAS TEST @480', inc. 9 MCF to 31 MCF Total****
460-470 LS: brn, calcite in frac - SH: dark gy, blk, coaly, v slight free gas
470-480 LS: tan, brn, calcite in frac - SH: gy, TR blk, coaly
CG @480 1742 units, 448 BG
480-490 SH: gy - LS: tan, gy, calcite in frac
490-500 LS: tan, gy, calcite, TR fossils - SH: gy, TR dark gy, slight free gas
CG @500 896 units, 292 BG

SUMMIT SHALE ZONE driller called @502-504', kick to 384 units, 80 over BG
****GAS TEST @520', No increase****
500-510 SH: gy, dark gy, blk, slight free gas
510-520 SH: gy, TR dark gy - LS: tan
CG @520 1352 units, 360 BG
520-530 SH: gy

MULKY COAL/SHALE ZONE driller called @530-534', kick to 384 units, 32 over BG
****GAS TEST @540', No Increase****
530-540 SH: gy, dark gy, blk, coaly, free gas
CG @540 1528 units, 336 BG
540-550 SH: gy, sandy in places

SQUIRREL SAND driller called @550-590', no kick with this
****GAS TEST @580', No Increase****
550-560 SS: clear, brn, angular, mica
CG @560 960 units, 272 BG
560-570 SS: clear, brn, angular, mica, TR coal
570-580 SS: clear, brn, angular, mica, TR coal
CG @580 1512 units, 280 BG
580-590 SS: clear, brn, angular, mica, TR coal
590-600 SH: gy, sandy, TR LS: tan
****GAS TEST @600', No Increase, 31 MCF Total for the Day****
TD @600 on 04-19-06 at 4:30pm

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Brief Summary

Stark	No open flow
Hushpuckney	No open flow
Knobtown	No open flow
South Mound	27 MCF
Lexington	9 MCF
Summit	No increase
Mulky	No increase
<u>Squirrel Sand</u>	<u>No increase</u>
Total	36 MCF

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Glaze Drilling Company

21139 S. Victoria Rd.
Spring Hill K.S. 66083
Phone: (913) 592-2033
Fax: (913) 592-2448
glazedrilling@aol.com

CUSTOMER OSBORN ENERGY
LEASE NAME Roether
WELL NUMBER 1-16
SPUD DATE ~~4-17-06~~ 4-17-06
SURFACE SIZE 10" HOLE SIZE 9 3/4"

WELL LOG

21	Surface	21	
22	Shale	43	
10	Lime	53	
30	Shale	83	
3	Lime	86	
44	Shale	130	
8	Lime	138	
14	Shale	152	
28	Lime	180	
3	Shale	183	
1	Blk Slate	184	
2	Shale	186	
21	Lime	207	
3	Shale	210	

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		210		
1	Blk slate	211		
3	Lime	214		
4	Shale	218		
7	Lime	225	Hertha	
1	Shale(Dark)	226		
4	Shale(Sandy)	230		
20	Shale	250		
6	Sandstone	256		
84	Shale	330		
20	Shale(sandy)	350		
62	Shale	382		
3	Blk Slate	385	27,000 CFM.	
20	Shale	415		
4	Lime	419		
12	Shale	431		
9	Lime	440		
5	Sandstone	445	brown (oil smell)	
14	Shale(Sandy)	458		
2	Lime	460		
4	Lime	464		
2	Blk slate	466	9,000 CFM	Total
10	Shale	476		31,000
4	Lime	480		CFM.
11	Shale	491		
8	Lime	499		
3	Shale(Dark)	502		
2	Blk Slate	504	Ø gas	
26	Shale	530		
4	Blk Slate	534	Ø gas	
10	Shale	544		
6	Shale(Sandy)	550		
40	Sandstone	590		

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8	Shale	598	
1	lime	599	
1	Shale	600	T.D.

total @ T.D. total 31,000 CFM

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