

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
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. _____

3/16/06	3/17/06	WOC
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 121-28163-0000
County: MIAMI
SW - SW - SE - _____ Sec. 17 Twp. 16 S. R. 25 East West
330 feet from (S) / N (circle one) Line of Section
2310 feet from (E) / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: SILVER STAR Well #: 2
Field Name: SPRING HILL

Producing Formation: MARMATON AND CHEROKEE
Elevation: Ground: 1101' Kelly Bushing: _____
Total Depth: 660' 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.
ALT II WHM 10-17-06

Drilling Fluid Management Plan
(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 Pearce
Title: GEOLOGIST Date: July 26, 2006
Subscribed and sworn to before me this 26th day of July,
2006.
Notary Public: Erin R. Stephenson
Date Commission Expires: _____

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

KCC Office Use ONLY

Letter of Confidentiality Received
If Denied, Yes Date: 8/16/06
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

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Operator Name: OSBORN ENERGY, LLC Lease Name: SILVER STAR Well #: 2
 Sec. 17 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 <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 3/4"		20	PORTLAND	6	WATER
PRODUCTION	9 1/2"	7"		594.5'	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 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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Glaze Drilling Company

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

CUSTOMER OSBORN ENERGY
LEASE NAME Silver Star
WELL NUMBER #2-17
SPUD DATE 3-16-06
SURFACE SIZE 10 HOLE SIZE 9 1/2

WELL LOG

20	Surface	20
33	Lime	53
48	Shale	101
8	Lime	109
33	Shale	142
6	Lime	148
42	Shale	190
10	Lime	200
15	Shale	215
27	Lime	242
3	Shale	245
2	Blk Shale	247
3	Shale	250
20	Lime	270

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		270	
2	Shale	272	
2	Blk Slate	274	
3	lime	277	
5	Shale	282	Hertha
5	lime	287	
160	Shale	447	
20	Blk Slate	449	Water (Puff of GAS)
25	Shale	474	
6	lime	480	
2	Shale	482	
5	lime	487	
7	Shale	494	
12	lime	506	
18	Shale	524	
3	lime	527	
3	Blk Slate	530	GAS TO Sm to test approx 2,000 CFM?
20	Shale	550	
7	lime	557	
5	Shale	562	
4	lime	566	
4	Shale	570	
3	lime	575	
15	Shale	596	
5	Blk Slate	607 595	Sm. Puff of GAS.
12	Slate	607	
5	Shale (Sandy)	612	
18	Sandstone	630	
25	Sandy Shale	660	T.D 660'

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Geological Report

Silver Star #2-17

330 FSL, 2310 FEL
Section 17-T16S-R25E
Miami Co., Kansas
API# 15-121-28163
Elevation: 1101' GL
Drilling Contractor: Glaze Drilling (Lic. #5885)
Spud: 03-16-06
Production Bore Hole: 9 1/2"
Rotary Total Depth: 660' on 03-17-06
Drilling Fluid: air
Production Csg.: 7"
Geologist: Meredith Pearce

<u>Formation</u>	<u>Driller Log Tops</u>	<u>Datum</u>
Stark Shale	245'	856'
Hushpuckney Shale	272'	829'
Base Kansas City	287'	814'
"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	447'	654'
Hepler (Wayside) Sand	No call	
"Upper" Mulberry Zone	No call	
Mulberry Zone	No call	
Weiser Sand	No call	
Myrick Station	524'	577'
Anna Shale (Lexington Coal Zone)	527'	574'
Peru Sand	No call	
Summit Shale Zone	Not developed	
Mulky Coal/Shale Zone	590'	511'
Squirrel Sand	612'	489'
Rotary Total Depth	660'	

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Drilling at 220' in the Kansas City at 3pm on 03-16-06
Background Gas (BG) 10 units

220-230 LS: gy, brown, calcite in fractures
230-240 LS: tan, brown, calcite in fractures

STARK FORMATION driller called @245-247', gas kick to 12 units, 2 over BG
****GAS TEST @260', No Open Flow****

240-250 SH: dark gy, gy, blk, TR LS: tan, calcite in fractures
250-260 LS: tan to gy, TR SH: dark gy
CG @260 12 units, 11 BG
260-270 LS: tan, brown, calcite in fractures, TR SH: blk, pyritic in part

HUSHPUCKNEY SHALE driller called @272-274', gas kick to 15 units, 3 over BG
****GAS TEST @280', No Open Flow****

270-280 LS: brown, gy, tan calcite in fractures - SH: blk, gy
CG @280 15 units, 14 BG
280-290 SH: Lt gy, sandy
290-300 LS: brown, calcite in fractures - SH: gy, dark gy
Drilling halted @300' at 6pm

Resumed drilling on 03-17-06 at 8:30am

300-310 SH: gy
310-320 SH: gy
CG @320 39 units, 38 BG
320-330 SH: gy
330-340 SH: gy
CG @340 33 units, 32 BG
340-350 SH: gy
350-360 SH: gy
CG @360 28 units, 27 BG
360-370 SH: gy, TR sandy
370-380 SH: gy
CG @380 23 units, 22 BG
380-390 SH: gy
390-400 SH: Lt gy, sandy in places, gy, TR blk, pyritic - LS: brown w/calcite
CG @400 21 units, 20 BG
400-410 SH: Lt gy, sandy in places, TR blk - LS: brown, calcite in fractures
Small gas kick to 24 units, 20 BG
410-420 SH: gy, sandy in places
CG @420 19 units, 18 BG
420-430 SH: gy, TR sandy
430-440 SH: gy, silty
CG @440 25 units, 18 BG

SOUTH MOUND ZONE driller called @447-449', kick to 72 units, 57 over BG, water
****GAS TEST @460', "Puff" of gas****

440-450 SH: gy, dark gy, blk, slight free gas
450-460 SH: gy, pyritic in part, TR coaly
CG @460 176 units, 22 BG
460-470 SH: gy, silty, TR coal w/free gas
Small gas kick with limestone to 53 units, 48 BG
470-480 LS: tan, calcite in fractures - SH: gy, TR pyritic
CG @480 125 units, 53 BG
480-490 LS: tan, brown, calcite - SH: gy, pyritic, TR blk w/gas, TR sandy
490-500 LS: tan to gy, calcite, fossiliferous in part - SH: gy, TR dark gy

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CG @500 136 units, 56 BG
500-510 LS: tan to brown, calcite - SH: gy, pyritic, TR blk w/gas, TR sandy
510-520 SH: gy - LS: tan, calcite in fractures, fossiliferous in part
CG @520 99 units, 51 BG

LEXINGTON COAL ZONE driller called @527-530', kick to 308 units, 260 over BG
****GAS TEST @540', Too small to measure, maybe 2 MCF****

520-530 SH: gy, dark gy, blk, free gas - LS: brown, tan, calcite in fractures
530-540 SH: gy, sandy in places, dark gy, pyritic, TR coaly - LS: brown
CG @540 1192 units, 152 BG
540-550 LS: gy to tan, calcite in fractures, fossils - SH: gy, pyritic, TR coal
550-560 LS: tan to gy, calcite in fractures - SH: gy
CG @560 572 units, 160 BG

SUMMIT SHALE ZONE not called, no kick with this

560-570 SH: gy, dark gy, blk - LS: tan, gy, calcite in fractures
570-580 LS: tan to gy
CG @580 264 units, 164 BG
580-590 LS: gy to tan, calcite in fractures - SH: dark gy, TR blk

MULKY COAL/SHALE ZONE driller called @590-595', kick to 216 units, 8 over BG

****GAS TEST @560', Too small to measure****

590-600 SH: blk, dark gy, pyritic, TR coal w/v slight free gas, SH: gy, TR sandy
CG @600 944 units, 200 BG
600-610 SH: gy, sandy - SS: clear, tan - LS: tan, calcite in fractures

SQUIRREL SAND driller called @612'

610-620 SS: clear, gy, tan, TR SH: gy
CG @620 524 units, 192 BG
620-630 SS: clear, gy, tan - SH: gy, sandy - LS: tan to gy, calcite in fractures
630-640 SS: clear, gy - SH: gy, sandy, pyritic
CG @640 524 units, 188 BG
640-650 SH: gy, sandy in places, TR blk - SS: clear, gy
650-660 SH: gy, sandy in places, TR coaly w/free gas, TR pyrite
Total Rotary Depth = 660'
****GAS TEST @660', No increase****

Brief Summary

Stark	No open flow
Hushpuckney	No open flow
South Mound	"puff" of gas
Mulberry(s)	
Lexington	inc. too small to measure
Summit	
Mulkey	inc. too small to measure
<u>Squirrel Sand</u>	<u>No increase</u>
Total	Too small to measure

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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 08726
LOCATION OTTAUWA
FOREMAN Alan Maden

TREATMENT REPORT & FIELD TICKET
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
6-14-06	6073	Silver star #2	17	16	25	Mi
CUSTOMER Osborn Energy			TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS 24850 Farley			386	NuMad		
CITY Bucyrus			368	Cas Ken		
STATE KS			202	Alh Tie		
ZIP CODE 66013						

JOB TYPE Long string HOLE SIZE 9 5/8 HOLE DEPTH _____ CASING SIZE & WEIGHT 7" 23#
 CASING DEPTH 640 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT IN CASING yes
 DISPLACEMENT _____ DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Established rate. Mixed 200# gel followed by 5 bbl water, Mixed 18 gal dye marker followed by 150 sx 50/50 poz, 200 gal. Circulated dye to surface. Displaced casing with 25 bbl clean water. Circulated cement to surface. Closed valve.

Customer supplied water

Alan Maden

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	368	368.00
5406	40	MILEAGE	368	14720.00
5407A		ton mileage	202	267.75
5402	1640	casing footage		N/C
1118B	500#	gel		70.00
1124	146 sx	50/50 poz		1292.10
			Sub	2555.85
			6.55	
			SALES TAX	84.22
			ESTIMATED TOTAL	2645.07

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AUTHORIZATION _____

TITLE W# 206189

DATE Alan Maden