

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: JEFF TAYLOR
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>12/14/05</u>	<u>12/20/05</u>	<u>01/06/06</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 121-28118-00-00
County: MIAMI
SE SW - SE - Sec. 9 Twp. 16 S. R. 25 East West
330 feet from S / N (circle one) Line of Section
1650 feet from E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: ANDERSON Well #: 1-9
Field Name: SPRING HILL

Producing Formation: MARMATON & CHEROKEE
Elevation: Ground: 980 Kelly Bushing: _____
Total Depth: 650 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 ATZ-Dg - 3/5/09 sx cmt.

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: J Taylor
Title: OP MGR Date: 1/31/06
Subscribed and sworn to before me this 31 day of Jan
20 06
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
YES 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: ANDERSON Well #: 1-9
 Sec. 9 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	12"	10"		20	PORTLAND	6	WATER
LINER	9.5"	4.5"		241'			
PROD. PIPE	9.5"	7"		442'	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		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	
				Depth

TUBING RECORD Size Set At Packer At Liner Run Yes No

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

Estimated Production Per 24 Hours Oil Bbbs. Gas Mcf Water Bbbs. 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

CUSTOMER OSBORN ENERGY
LEASE NAME Anderson
WELL NUMBER #1
SPUD DATE 12-14-05
SURFACE SIZE 10" HOLE SIZE 9 1/2"

WELL LOG

thick formation t.d. comments in out

20	Surface	20		
8	lime	28		
4	Shale	32		
1	lime	33		
51	Shale	84		
9	lime	93		
34	Shale	127		
5	lime	132		
45	Shale	177		
9	lime	186		
14	Shale	200		
28	lime	228	winterset	
2	Shale	230		
3	Blk Date	233		

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3	Shale	236		
22	Lime	258		
2	Shale	260		
2	Blk. Plate	262		
2	Lime	264		
6	Shale	270		
6	Lime	276	Hertha	
27	Shale	303		
5	Shale (SANDY)	308		
8	Shale SAND	316	Knobtown	
130	Shale	446		
2	Blk. Plate	448	GAS	8,000 CFM
20	Shale	468		
3	Lime	471		
3	Shale	474		
3	Lime	477		
4	Shale	481		
9	Lime	490		
20	Shale	510	(SANDY)	
4	Lime	514		
2	Blk. Plate	516	19,000 CFM	
17	Shale	533		
14	Lime	547		
3	Shale	550	11,000 CFM	
5	Blk. Plate	555	total	38,000 total CFM
3	Shale	558		
4	Lime	562		
14	Shale	576		
7	Blk. Plate	583	GAS 6,000 CFM	
12	Shale	595		↑ to 44,000
35	Shale (SANDY)	630		TOTAL
15	Sand	645		
2	Lime	647		
3	Shale	650	T.D.	

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Geological Report

Anderson #1-9

330 FSL, 1650 FEL

Section 9-T16S-R25E

Miami Co., Kansas

API#15-121-28118

Elevation: Estimated 1092' GL

Drilling Contractor: Glaze Drilling (Lic. #5885)

Spud: 12/16/2005

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

Production Bore Hole: 9 1/2"

Drilling Fluid: air

Rotary Total Depth: 650' on 12/17/05

E-Log Total Depth: No Open Hole

Production Csg.: 7" set @442'

Geologist: Meredith Pearce

<u>Formation</u>	<u>Driller Log Tops</u>	<u>Datum</u>
Stark Shale	230'	
Hushpuckney Shale	260'	
Base Kansas City	276'	
"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	446'	
Hepler (Wayside) Sand	No call	
"Upper" Mulberry Zone	No call	
Mulberry Zone	No call	
Weiser Sand	No call	
Myrick Station	No call	
Anna Shale (Lexington Coal Zone)	514'	
Peru Sand	No call	
Summit Shale Zone	550'	
Mulky Coal/Shale Zone	576'	
Squirrel Sand	630'	
Bevier Zone	647'	
Rotary Total Depth	650'	

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Drilling at 200' in the Kansas City at 12:30am on 12/16/05

No gas kicks prior to this

Background Gas (BG) 10 units

200-210 LS: gy, Lt. gy

210-220 LS: Lt. gy, gy, tan

220-230 LS: Lt, gy, gy, TR SH, blk

STARK SHALE driller called @230-233'

****GAS TEST @240', No Open Flow****

230-240 LS: gy, Lt. gy, calcite in fractures

CG @240 36 units, 10 BG

240-250 LS: Lt. gy, calcite in fractures

250-260 LS: gy to dark gy, calcite in fractures

CG @260 23 units, 12 BG

260-270 LS: gy - SH: gy, blk

HUSHPUCKNEY SHALE driller called @260-262'

****GAS TEST @ 280', No Open Flow****

270-280 SH: gy, TR blk - LS: tan, gy

CG @280 30 units, 10 BG

280-290 LS: Lt. gy, tan, calcite in fractures

290-300 LS: gy, calcite in fractures

CG @300 14 units, 8 BG

300-310 SH: gy

310-320 SH: gy, sandy in places - SS: Lt. gy to gy

CG @320 13 units, 8 BG

320-330 SH: gy, silty

330-340 SH: gy, silty

CG @340 12 units, 7 BG

340-350 SH: gy

350-360 SH: gy

CG @360 12 units, 8 BG

360-370 SH: gy, silty

370-380 SH: gy, silty

CG @380 13 units, 10 BG

380-390 SH: gy

390-400 SH: gy

CG @400 13 units, 9 BG

400-410 SH: gy

410-420 SH: gy

CG @420 15 units, 10 BG

420-430 SH: gy

430-440 SH: gy

Drilling stalled @440' at 4:20pm

Drilling resumed 12/17/05 at 9:00am

Background Gas 11 units

440-450 SH: gy, blk, very slight pping gas

SOUTH MOUND ZONE driller called @446-448', 260 units, 249 over BG

****GAS TEST @460', 8 MCF****

450-460 SH: gy

CG @460 1392 units, 80 BG

460-470 SH: gy to Lt. gy

470-480 SH: gy, sandy in places, TR blk - LS: Lt. gy, TR tan

CG @480 488 units, 176 BG

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480-490 LS: tan - SH: gy
490-500 SH: gy, sandy in places - LS: tan, TR SS: gy, slight pping gas
CG @500 220 units, 16 BG
500-510 SH: gy
510-520 SH: gy, blk, pping gas - LS: tan to gy, TR pyritic

LEXINGTON COAL ZONE driller called @514-516', 274 units, 258 over BG

****GAS TEST @520', inc. 19 MCF, Total 27 MCF****

CG @520 1304, 15 BG
520-530 SH: gy - LS: gy
530-540 LS: tan, fossiliferous in part - SH: greening gy, TR blk
CG @540 488 units, 20 BG
540-550 LS: tan, fossiliferous in part - SH: gy
550-560 SH: gy, blk, slight pping gas - LS: tan

SUMMIT SHALE ZONE driller called @550-555', 80 units, 45 over BG

****GAS TEST @560', inc. 11 MCF, Total 38 MCF****

CG @560 1296 units, 58 BG
560-570 SH: gy
570-580 SH: gy, blk, slight pping gas

MULKY COAL/SHALE ZONE driller called @576-583', 2512 units, 2444 over BG

Driller reports increase in water

****GAS TEST @580', inc. 6 MCF, Total 44 MCF****

CG @580 1280 units, 720 BG
580-590 SH: gy, blk, slight pping gas
590-600 SH: gy, sandy in places, slight pping gas
CG @600 760 units, 60 BG
600-610 SH: gy, sandy, slight pping gas
610-620 SH: gy, sandy, slight pping gas
CG @620 1069 units, 34 BG

SQUIRREL SAND driller called @630'

620-630 SS: gy, pping gas
630-640 SS: gy - SH: gy
640-650 SH: gy - LS: gy to tan
TD @650 at 2:00pm

Brief Summary

Stark	No open flow
Hushpuckney	No open flow
South Mound	8 MCF
Lexington	19 MCF
Summit	11 MCF
Mulky	6 MCF
Total Open Flow	44 MCF

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CONSOLIDATED OIL WELL SERVICES, INC.
211 W. 14TH STREET, CHANUTE, KS 66720
620-431-9210 OR 800-467-8676

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TICKET NUMBER 5035
LOCATION Ottawa KS
FOREMAN Fred Mader

TREATMENT REPORT & FIELD TICKET
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
12-21-05	6073	Anderson # 1-9	9	16	25	mi
CUSTOMER Osborn Energy LLC			TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS 24850 Farley			372	Fred		
CITY Bucyrus			164	Rick		
STATE KS			122	Casey		
ZIP CODE 666013						

JOB TYPE 3/4 Fillup HOLE SIZE 9 7/8 HOLE DEPTH 600' CASING SIZE & WEIGHT 7"
 CASING DEPTH 440' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING _____
 DISPLACEMENT _____ DISPLACEMENT PSI _____ MIX PSI _____ RATE 1 BPM

REMARKS: Establish Circulation thru 3/4" tubing. Mix & pump ~~108~~
 2 sks Premium Gel Flush. Mix & Pump 108 sks 50/50
 Por mix Cement w/2% Gel + 1/2" Flo-Seal per sack. Cement
 to surface pull 3/4" tubing + top off well. Wash out
 3/4" tubing.

Fred Mader

Customer Supplied Water.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE Cement Pump	164	800 ⁰⁰
5406	40 mi	MILEAGE Pump Truck	164	N/C.
5407A	4.59 T	Ton mileage	122	192.78
1124	106 SKS	50/50 Por Mix Cement		842.70
1118B	6 SKS	Premium Gel		42.00
1107	1 SK	Flo-Seal		44.90
RECEIVED			Subtotal	1922.38
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			6.55%	SALES TAX 60.89
				ESTIMATED TOTAL 1983.27

AUTHORIZATION _____

TITLE W# 201709

DATE _____