

FORM MUST BE TYPED

SIDE ONE

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACD-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

API NO. 15- 121-27503-0000

County Miami

W/2 - NW - NW sec. 9 Twp. 16S Rge. 24 ²⁵ X E

640 Feet from (S) (circle one) Line of Section

330 Feet from (E) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, (SE) NW or SW (circle one)

Lease Name Kircher Well # 1-9

Field Name Paola-Rantoul

Producing Formation Mississippian

Elevation: Ground 1100' KB N/A

Total Depth 1040' PBDT N/A

Amount of Surface Pipe Set and Cemented at 20 Feet

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set N/A Feet

If Alternate II completion, cement circulated from N/A

feet depth to N/A w/ N/A ex cmt.

Drilling Fluid Management Plan PA-Dg-3/5/09
(Data must be collected from the Reserve Pit)

Chloride content N/A ppm Fluid volume 500+/- bbls

Dewatering method used evaporation RECEIVED

Location of fluid disposal if hauled offsite:

Operator Name MAR 07 2000

Lease Name CONSERVATION DIVISION License No. WICHITA, KS

Quarter 5 Sec. 16 Twp. 16S Rge. 24 E/W

County Miami Docket No.

Operator: License # 32294

Name: Osborn Energy, L.L.C.

Address 24850 Farley

City/State/Zip Bucyrus, Kansas 66013

Purchaser: Akawa Natural Gas, L.L.C.

Operator Contact Person: Steve Allee

Phone (913) 533-9900

Contractor: Name: R. S. Glaze Drilling Company

License: 5885

Wellsite Geologist: Rex Ashlock

Designate Type of Completion

X New Well Re-Entry Workover

 Oil SWD SOW Temp. Abd.

 Gas ENHR SIGW

X Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator:

Well Name:

Comp. Date Old Total Depth

 Deepening Re-perf. Conv. to Inj/SWD

 Plug Back PBDT

 Commingled Docket No.

 Dual Completion Docket No.

 Other (SWD or Inj?) Docket No.

1/12/2000 1/17/2000 1/18/2000 (D&A)

Spud Date Date Reached TD Completion Date

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 207B, 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 on 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 2-28-00

Subscribed and sworn to before me this 28 day of February, 1900.

Notary Public Kerry A. Soares

Date Commission Expires 10-25-2003

County of Johnson

KERRY A. SOARES
Notary Public - State of Kansas
My Appt. Expires 10-25-03

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received

Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)

SIDE TWO

Operator Name Osborn Energy, L.L.C. Lease Name Kircher Well # 1-9
 Sec. 9 Twp. 16S Rge. 25 East Miami
24 West

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem 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 during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Drillers Log Attached	
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
List All E.Logs Run:	Radioactivity Log		

CASING RECORD <input checked="" 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	7"	4"		20'	Portland	5	None

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 checked="" type="checkbox"/> No	
N/A							
Date of First, Resumed Production, SMD or Inj.			Producing Method				
N/A			N/A <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 Bbls.	Mcf	Water Bbls.	Gas-Oil Ratio	Gravity	
	N/A	N/A		N/A	N/A	N/A	

Disposition of Gas: **METHOD OF COMPLETION** **Production Interval**

Vented Sold Used on Lease (if vented, submit ACO-18.)

Open Hole Perf. Dually Comp. Commingled

Other (Specify) D & A

WELL DRILLERS LOGGING REPORT

THICKNESS FORMATION TOTAL DEPTH COMMENTS

THICKNESS	FORMATION	TOTAL DEPTH	COMMENTS
20	Surface	20	
72	lime	92	
58	Shale	150	
12	lime	162	
70	Shale	232	
13	lime	245	
16	Shale	261	
23	Broken lime	284	
4	Shale	289	
2	Blk slate	290	
4	Shale	294	
23	lime	317	
2	Shale	319	
1	Blk slate	320	
3	lime	323	
6	Shale	329	
7	lime	336	Heather
50	Shale	386	
34	Shale (Stony)	420	
30	Shale	450	
8	Shale (Stony)	458	
3	Sandy Shale	461	
16	Shale (Stony)	477	
3	Sand	480	
10	Shale (Stony)	490	
40	Shale	530	
1	Blk slate	531	test @ 540 ϕ gas
58	Shale	589	
8	lime (broken)	597	
5	Shady lime	602	Trace GAS - water
5	lime (Stony)	607	
9	lime	616	
9	Shale	625	
2	lime	627	
5	Blk slate	632	
18	Shale	650	
5	Shale (Dark)	655	
2	lime	657	
9	Blk slate	666	test 665' ϕ Change

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Kirshner #1
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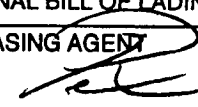
388235

INVOICE

SOLD TO Jim Osborn		SHIP TO R.S. Glaze Drlg Co			
ADDRESS		ADDRESS 22139 S. Victory Rd			
CITY, STATE, ZIP		CITY, STATE, ZIP Spring Hill, KS 66083			
CUSTOMER ORDER NO. Kershner #	SOLD BY P.O. #	TERMS 53751	F.O.B. DATE 1-29-00		
ORDERED	SHIPPED	DESCRIPTION	PRICE	UNIT	AMOUNT
		4 hrs Pictime setting surface @ 125 ⁰⁰ /h.			500 ⁰⁰
		6 hrs Pictime, waiting on tank set up welding etc @ 125 ⁰⁰ /hr.			750 ⁰⁰
		1040' to drlg @ 125 ⁰⁰ /hr.			10760 ⁰⁰
		12 1/2 hrs Pictime, testing, cleaning out circulation, logging thru pipe & plugging @ 125 ⁰⁰ /hr.			1562 ⁵⁰
total Amt Due					\$9,572⁵⁰

Adams 5840

10	
11	
12	RECEIVED KANSAS CORPORATION
13	
14	MAR 2 2000
15	
16	COOPER
17	
18	
19	
20	
21	
22	

IMPORTANT	PLEASE SEND _____ COPIES OF YOUR INVOICE WITH ORIGINAL BILL OF LADING.
PURCHASE ORDER NUMBER MUST APPEAR ON ALL INVOICES - PACKAGING, ETC.	PURCHASING AGENT 
PLEASE NOTIFY US IMMEDIATELY IF YOU ARE UNABLE TO COMPLETE ORDER BY DATE SPECIFIED.	

Adams DC8131

ORIGINAL

CONSOLIDATED INDUSTRIAL SERVICES, INC.
 211 W. 14TH STREET, CHANUTE, KS 66720
 316-431-9210 or 800-467-8676

TICKET NUMBER **07316**

LOCATION Ottawa

FOREMAN Alan Mader

P.O. # 54354

TREATMENT REPORT

DATE	CUSTOMER ACCT #	WELL NAME	QTR/QTR	SECTION	TWP	RGE	COUNTY	FORMATION
1-18-80	6073	Kircher 1-9		9	16	24	M.	
CHARGE TO <u>Osborn Energy</u>				OWNER				
MAILING ADDRESS <u>24850 Farley</u>				OPERATOR				
CITY <u>Ducyrus</u>				CONTRACTOR <u>Glaze Drilling</u>				
STATE <u>Ks</u>		ZIP CODE <u>66013</u>		DISTANCE TO LOCATION <u>40</u>				
TIME ARRIVED ON LOCATION <u>10:00</u>				TIME LEFT LOCATION <u>12:00</u>				

WELL DATA	
HOLE SIZE	<u>6 3/4"</u>
TOTAL DEPTH	<u>1040'</u>
CASING SIZE	
CASING DEPTH	
CASING WEIGHT	
CASING CONDITION	
TUBING SIZE	
TUBING DEPTH	
TUBING WEIGHT	
TUBING CONDITION	
PACKER DEPTH	
PERFORATIONS	
SHOTS/FT	
OPEN HOLE	
TREATMENT VIA	

TYPE OF TREATMENT	
<input type="checkbox"/> SURFACE PIPE	<input type="checkbox"/> ACID BREAKDOWN
<input type="checkbox"/> PRODUCTION CASING	<input type="checkbox"/> ACID STIMULATION
<input type="checkbox"/> SQUEEZE CEMENT	<input type="checkbox"/> ACID SPOTTING
<input checked="" type="checkbox"/> PLUG & ABANDON	<input type="checkbox"/> FRAC
<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> FRAC + NITROGEN
<input type="checkbox"/> MISC PUMP	<input type="checkbox"/> FOAM FRAC
<input type="checkbox"/> OTHER	<input type="checkbox"/> NITROGEN

PRESSURE LIMITATIONS		
	THEORITICAL	INSTRUCTED
SURFACE PIPE		
ANNULUS LONG STRING		
TUBING		

RECEIVED
 KANSAS OIL AND GAS COMMISSION
 MAR 07 2000
 OBSERVATION DIVISION
 WICHITA, KS

INSTRUCTIONS PRIOR TO JOB

JOB SUMMARY

DESCRIPTION OF JOB EVENTS Mixed + pumped 15sx Portland "A", 50/50 poz 6% gel, spotted cement down drill steel to bottom of well. Pulled steel to 700', spotted another 15sx cem. Pulled steel to 350' filled to surface with cem. Pulled steel from hole and topped off again.
15sx TD 57sx - 350 to surface
15sx 700' 87sx total
Alan Mader

PRESSURE SUMMARY	
BREAKDOWN or CIRCULATING	psi
FINAL DISPLACEMENT	psi
ANNULUS	psi
MAXIMUM	psi
MINIMUM	psi
AVERAGE	psi
ISIP	psi
5 MIN SIP	psi
15 MIN SIP	psi

TREATMENT RATE	
BREAKDOWN BPM	
INITIAL BPM	
FINAL BPM	
MINIMUM BPM	
MAXIMUM BPM	
AVERAGE BPM	
HYD HHP = RATE x PRESSURE x 40.8	

AUTHORIZATION TO PROCEED _____ TITLE _____ DATE _____