## \* Corrected/Updated

# ORIGINAL

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

WICHITA, KS

My Commission Expired	CONSERVATION DIVISION
Date Commission Expires: 3.23. [ State of Kan	OCT 0 9 200R
Notary Public: Jane Brewn Notary Public Nota	UIC Distribution KANSAS CORPORATION COMMISSI
Notary Rublin: Y X L	Geologist Report Received RÉCEIVED
2000.	Coolegiet Person Personal
Subscribed and sworn to before me thisday of	Wireline Log Received (www.ls.)
J our oll	If Denied, Yes 1 Date: 11/25/08
Title: Geologist Date: 10.7.08	Letter of Confidentiality Received
Signature: Custo Haubler	KCC Office Use ONLY
0	
herein are complete and correct to the best of my knowledge.	ate the oil and gas industry have been fully complied with and the statements
107 for confidentiality in excess of 12 months). One copy of all wireline logs TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells	s and geologist well report shall be attached with this form. ALL CEMENTING s. Submit CP-111 form with all temporarily abandoned wells.
	ver or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply.  12 months if requested in writing and submitted with the form (see rule 82-3-
	h the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita,
Tieodripietion Date	County: Docket No.:
Spud Date or Date Reached TD Completion Date or Recompletion Date	Quarter Sec Twp S. R East  West
9/16/1997 9/18/1997 ** 8/13/2008	Lease Name: License No.:
Other (SWD or Enhr.?) Docket No	
Dual Completion Docket No	Operator Name:
Commingled Docket No.	Location of fluid disposal if hauled offsite:
Plug BackPlug Back Total Depth	Dewatering method used
Deepening Re-perf Conv. to Enhr./SWD	Chloride content ppm Fluid volume bbls
Original Comp. Date: Original Total Depth:	Orilling Fluid Management Plan AH TW 12 2809 (Data must be collected from the Reserve Pit)
Well Name:	Drilling Fluid Management Plan AHT IM 12 209
Operator:	feet depth to surface w/ 179 sx cmt.
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from 713'
Dry Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth setFeet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
. ✓ OilSWDTemp. Abd.	Amount of Surface Pipe Set and Cemented at 20' Feet
New Well Re-Entry Workover	Total Depth: 860' Plug Back Total Depth: 20'
Designate Type of Completion:	
Wellsite Geologist: None	★ Producing Formation:       Squirrel         Elevation:       1075'         Kelly Bushing:
License: 5885	
Contractor: Name: K.S. Drining Co.	Field Name: Stilwell
Phone: (913 ) 533-9900  Contractor: Name: R.S. Drilling Co.	(circle one) NE (SE) NW SW  Metcalf Partners Well #: 3
Operator Contact Person: Curstin Hamblin	Footages Calculated from Nearest Outside Section Corner:
	4290 feet from E/ W (circle one) Line of Section
City/State/Zip: Bucyrus, KS 66013  Purchaser: Akawa Natural Gas, L.L.C.	feet from N (circle one) Line of Section
Address: 24850 Farley	CSESWNW_Sec7Twp15S R25
Name: Osborn Energy, L.L.C.	County: Johnson
Ochorn From I I C	
Operator: License # 32294	API No. 15 - 091-22810-0000

#### Side Two

Operator Name: Osl	oorn Energy, L.L.C.		Lease Na	me:_M	letcalf Partners	<b>i</b>	Well #: _3	
Sec Twp			County: _	lohnso	n			
tested, time tool ope temperature, fluid re	n and closed, flowin	and base of formations p og and shut-in pressures, es if gas to surface test, a final geological well site	whether shut-i along with final	in pres	ssure reached	static level, hydro	ostatic pressu	res, bottom hole
Drill Stem Tests Take		☐ Yes 🗸 No		Lo	g Formation	on (Top), Depth a	and Datum	Sample
Samples Sent to Ge	ological Survey	☐ Yes 🗸 No		Name	•		Тор	Datum
Cores Taken		Yes No						
Electric Log Run (Submit Copy)		✓ Yes  No		٠.			Kansas	RECEIVED COMMI
List All E. Logs Run:								OCT 0 9 2008
Gamma Ray	Neutron-Previ	ously Submitted						NSERVATION DIVISION WICHITA, KS
	1.00	CASING Report all strings set-c		Nev e, inter		on, 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	8"	7"		:	20'	Portland	6 sacks	None
Production	6 3/4"	4 1/2"			713'	50/50 poz	179	2% gel, flo-seal
								<u> </u>
Purpose:  Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	ADDITIONAL Type of Cement	#Sacks Used	T	EEZE RECORD	Type and P	ercent Additive	S
· Shots Per Foot		ON RECORD - Bridge Plug Footage of Each Interval Perl				lure, Shot, Cement ount and Kind of Ma		rd Depth
2	630.0-640.0- Perfo	rations			40 sacks 20/40	sand, 56 sacks	of 12/20 san	id 622-640
2	622.0-630.0-Perfor	ations			40 sacks 20/40	sand, 56 sacks	of 12/20 san	622-640
TUBING RECORD	Size	Set At	Packer At		Liner Run			
					_	Yes 🗸 No		
Date of First, Resumera 9/11/2008	d Production, SWD or E	nhr. Producing Meth	nod <b>V</b> Flo	owing	<b>√</b> Pumpin	Gas Lift	Oth	er (Explain)
Estimated Production Per 24 Hours	Oil 2 bbls	Bbls. Gas 1		Water bbls	Вь	s. G	as-Oil Ratio	Gravity ~26
Disposition of Gas	METHOD OF C	COMPLETION	······································		Production Interv	ai		
Vented ✓ Sold (If vented, Su	Used on Lease	Open Hole Other (Specif	✓ Perf. [	☐ Du	ally Comp. [	Commingled		

CONSOLIDATED INDUSTRIAL SERVICES, INC. 211 W. 14TH STREET, CHANUTE, KS 66720 318-431-9210 or 800-467-8676

a a

TICKET NUMBER 09271
LOCATION OFTAWA
FOREMAN Aba Made

#### TREATMENT REPORT

9-22-97 CUSTOMER ACCT MELL NAME OFFICIAL OFFICIAL CONTROLLED	1 7 13 25	COUNTY	FORMATION	
CHARGE TO B. 5 (0/07)	OWNER			
22/22 1/24 1	(149) com Post in 1984 (150)	e a jednost a aktivita	可見 かいかかんとう こうかんしょう	
MAILING ADDRESS 22/39 Victory Ad	OPERATOR	्र च्युरावास्त्र द्वार श्रम्		
ony Spring hill	CONTRACTOR			
STATE 165 ZIP CODE 1/16023	DISTANCE TO LOCATION # 10 VVI			
		7		
TIME ARRIVED ON LOCATION 0.30	TIME LEFT LOCATION ( )	30		
HOLE SIZE 6 74	TYP	E OF TREATMENT		
TOTAL DEPTH 860	[ ] SURFACE PIPE	[ ] ACID BR	EAKDOWN	
CASING SIZE 47	TPRODUCTION CASING	[ ] ACID ST	INULATION	
CASING DEPTH 7/3	[ ] SQUEEZE CEMENT	[ ] ACID SP	OTTING	
CASING WEIGHT			· · · · · ·	
CASING CONDITION	[ ] PLUG & ABANDON	[ ] FRAC		
TUBING SIZE	[ ] PLUG BACK	[ ] FRAC + 1	NIT <b>FIOGEN</b>	
TUBING DEPTH	[] MISC PUMP	[ ] FOAM FRAC		
TUBING WEIGHT TUBING CONDITION	[ ] OTHER	[ ] NITROGI	EN	
THE RESIDENCE OF THE PROPERTY				
PACKER DEPTH	PRES	SSURE LIMITATIONS		
PERFORATIONS	SURFACE PIPE	THEORITICAL	INSTRUCTED	
SHOTS/FT				
	ANNULUS LONG STRING			
OPEN HOLE	TUBING TUBING			
OPEN HOLE				
OPEN HOLE TREATMENT VIA				
OPEN HOLE TREATMENT VIA INSTRUCTIONS PRIOR TO JOB  JOB:	TUBING	ean wat Clean w 50/50 pa	or Mixed	
OPEN HOLE TREATMENT VIA INSTRUCTIONS PRIOR TO JOB  JOB:	TUBING	ean Wat Clean w 50/50 pa	or Mixed ater Mixed 2 270901	
DESCRIPTION OF JOB EVENTS Establish circula  THE ATMENT VA  INSTRUCTIONS PRIOR TO JOB  DESCRIPTION OF JOB EVENTS Establish circula  The pumped by selfollowed  Of fire a lation several time  Of fire seal at tail end of	SUMMARY  *: on with cle  by app 5 bb1  I by 1.9 sx  mas. Mixel  Cament Pur	clean w 50/50 po in gmi mped t	ater Mixed 2 190gel 111 amoun 11/2 rubbe	
DESCRIPTION OF JOB EVENTS Establish circula  THE ATMENT VIA  INSTRUCTIONS PRIOR TO JOB  DESCRIPTION OF JOB EVENTS Establish circula  The pumped 2 sx get followed  Oumped 6/2 bbl dye followe  Lost firewation several ti  Of floseal at tail end of  plug to bottom. Set float	SUMMARY  fion with cla  by app 5 bbl  low 1.9 sx  mes. Mixed  coment fun  shoe Well	clean wo 50/50 po in gmi mped to	ater Mixe	
DESCRIPTION OF JOB EVENTS Establish circula  DESCRIPTION OF JOB EVENTS Establish circula  DESCRIPTION OF JOB EVENTS Establish circula  DUMPED 2 SX 921 followed  DUMPED 6/2 bbi dye followe  LOSA CIRCULA tion several ti  Of floseal at tail end of  Dlug to bottom. Set float  Cem. extra alle to circu	SUMMARY  F: on with cla  by app 5 bbl  lby 179 5x  mas. Mixel  cament Pur  shoe. Well  lation proble	clean w 50/50 po in gmi mped to wheel a	ater Mixed 2 190gel 111 amoun 11/2 rubbe	
DESCRIPTION OF JOB EVENTS Establish circula  DESCRIPTION OF JOB EVENTS Establish circula  THE PROPERTY OF TO JOB  DESCRIPTION OF JOB EVENTS Establish circula  The pumped 2 xx get followed  Dumped 6/2 bbl dye followe  Lost circulation several ti  Of floiseal at tail end of  Dlug to bottom. Set float  Cena. extra albe to circulation.  PRESSURE SUMMARY	SUMMARY  fion with cla  by app 5 bbl  loy 179 5x  mas. Mixel  coment Pur  shoe Well  lation proble	clean was 50/50 po in game of the same of	ater Mixed 2 270901 111 amoun 1/2 rubbe pp 50sx	
DESCRIPTION OF JOB EVENTS ESTABLISH CIRCULA  DESCRIPTION OF JOB EVENTS ESTABLISH CIRCULA  DESCRIPTION OF JOB EVENTS ESTABLISH CIRCULA  DUMPED 25 921 followed  DUMPED 6/2 bbl dye followe  LOST FIOSEAL OF TAIL END ST  DIAG TO BOTTOM. Set Float  CEM. EXTRA BESSURE SUMMARY  BREAKDOWN OF CIRCULATING RECEIVED PRI	SUMMARY  **: On with cle  by app 5 bbl  low 1.9 5x  mas. Mixel  Cament Pur  Shoe. Well  lation proble	clean was 50/50 po in game of the same of	ater Mixe. 2 170gel 111 ambun 11/2 rubbe	
DESCRIPTION OF JOB EVENTS ESTABLISH CIRCULA  DESCRIPTION OF JOB EVENTS ESTABLISH CIRCULA  DESCRIPTION OF JOB EVENTS ESTABLISH CIRCULA  DESCRIPTION OF JOB EVENTS ESTABLISH  DESCRIPTION OF CIRCULATING RECEIVED  PRESSURE SUMMARY  BREAKDOWN OF CIRCULATING RECEIVED  PRESSURE SUMMARY	SUMMARY  **On with cla  by app 5 bb!  I'by 1.9 5x  mes. Mixed  Cament Pur  Shoe Well  lation proble  BREADDOWN BPM  INITIAL BPM	clean was 50/50 po in game of the same of	ater Mixed 2 270gel 11 amoun 1/2 rubbe pp 50sx	
OPEN HOLE  TREATMENT VIA  INSTRUCTIONS PRIOR TO JOB  DESCRIPTION OF JOB EVENTS ESTABLISH C: VC 4 la  # Dumped 2 sx get followed  JOB!  DUMPED 2 sx get followed  LOS4 C: FC 4 lost for several t:  OF floseal at tail end et  Dlug to bottom. Set float  Cem. extra alle to circus  PRESSURE SUMMARY  BREAKDOWN or CIRCULATING RECEIVED pol  FINAL DISPLACEMENT KANSAS CORPORATION COMMISSION  ANNULUS  MAXIMUM  OCT 00 pel	SUMMARY  FI ON WITH CLE  SHOW SHOW SHOW  CROCKED FOR SHOW  SHOW DE SHOW  SHOW DE SHOW  THE BREADDOWN BPM  INTIAL BPM  MINIMUM BPM	clean was 50/50 po in game of the same of	ater Mixed 2 270901 111 amoun 1/2 rubbe pp 50sx	
OPEN HOLE  TREATMENT VIA  INSTRUCTIONS PRIOR TO JOB  DESCRIPTION OF JOB EVENTS E STABLISH GIVE 4  A DUMPEL 2 SX 921 followed  BUMPEL 2 SX 921 followed  LOST GIVEN SEVERAL TO  LOST GIVEN SEVERAL TO  OF FLOSSAL AT TAIL END ST  CRAN EXTRA BEENMARY  BREAKDOWN OF CIRCULATING RECEIVED DES  FINAL DISPLACEMENT KANSAS CORPORATION COMMISSION  ANNULUS  BRINING DES  DES  OCT 19 2008 PRESE  MAXIBILIAN  BEILD STAND PRIOR PRIOR TO JOB  MARIBILIAN  DES  DES  DES  DES  DES  DES  DES  DE	SUMMARY  fion with cla  by app 5 bb!  loy 1.9 5x  mes. Nixe!  Cenent Pur  Shoe. We!!  lation proble  THE BREADDOWN BPM  INTIMUM BPM  MINIMUM BPM  MAXIMUM BPM	clean was 50/50 po in game of the same of	ater Mixed 2 270gel 11 amoun 1/2 rubbe pp 50sx	
OPEN HOLE  TREATMENT VA  INSTRUCTIONS PRIOR TO JOB  DESCRIPTION OF JOB EVENTS ESTABLISH CIVCHLA  TO MAPEL 2 SX 921 FO LIQUED  OUMBEL BY BUILDING  LOST FIRST SEAL OF TAIL END ST  OF FOR SEAL OF TAIL END ST  OLY OF TO SEAL OF TAIL END ST  PRESSURE SUMMARY  BREAKDOWN OF CIRCULATING RECEIVED DES  FINAL DISPLACEMENT KANSAS CORPORATION COMMISSION  ANNULUS  MAXIMUM  MINIMUM  MINIMUM  OCT 192008  PH  MAXIMUM  MINIMUM  OCT 192008  PH  MAXIMUM  MINIMUM  MINIMUM  OCT 192008  PH  MERCE  DESIRE SUMMARY  PH  MAXIMUM  MINIMUM  OCT 192008  PH  MERCE  DESIRE SUMMARY  DESIRE SUMMARY  PH  MAXIMUM  MINIMUM  OCT 192008  PH  MERCE  DESIRE SUMMARY  PH  MERC	SUMMARY  *** On with cla  by app 5 bb1  low 179 5x  M & 5. M x e 1  Cement Pur  Shoe. We 11  lation proble  BREADDOWN BPM  INITIAL BPM  MINIMUM BPM  MAXIMUM BPM  AVERAGE BPM	Clean was 50/50 pa in 3 miles of 4 miles of a company to the compa	ater Mixer 2 270901 111 amoun 11/2 rubbe pp 50sx	
DESCRIPTION OF JOB EVENTS ESTABLISH GIVEY A  DESCRIPTION OF JOB EVENTS ESTABLISH GIVEY A  PRESSURE SEVERAL TO  DESCRIPTION OF JOB EVENTS ESTABLISH GIVEY  AUMPED 2 SX 9 EL FO	SUMMARY  *** On with cla  by app 5 bb1  low 179 5x  M & 5. M x e 1  Cement Pur  Shoe. We 11  lation proble  BREADDOWN BPM  INITIAL BPM  MINIMUM BPM  MAXIMUM BPM  AVERAGE BPM	Cleam wo 50/50 pa in 3 min mped b subsect a moderate	ater Mixer 2 270901 11/2 rubbe pp 50sx	

### I'S STATE ASSETTING COMMANA

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22138 S. VICTORY RD. # SPRING HILL, KANSAS, 66063 # MIAMI Phone 913 592 2033 # Fee 913 666 2447

	WELL DRULERS LOGGING REPORT				
	FORMATION		H COMMENTS		
22	Burface I	22			
	Henry I	.30			
	lone !	31			
74	Iline I	105			
25	14 hale 1	1.30			
12	line	142			
5	Whate I	178			
<del>-</del>	Mhaic	121			
	Rik Mate	182	Y		
<b>a</b> 3	10mlc I	205			
13	Iline I		WET		
	Maic	230	Î		
<u> </u>	line	<i>25</i> 5			
<u> </u>	Male	257			
	18th Mate 1	a58			
4	Whale I	めるみ			
<b>2</b> 4	lime	283	ITESTED 250' -O-GAS		
	10 hale	285			
	Blk Niate	287			
3	Tine	390			
_ ত্র্	Iphaie	295	<u> </u>		
	ling	1	HERTHA		
	Whale	310			
-6	Managtone				
14	Maie Mondotou		ITESTED 320' - A-GAS		
140	kana is	474	ITESTED 340 -0-GAS		
- 1977 - 3	1/2 d Bed	477	175 STED 360' -0-GAS		
10	Mhair	427	1		
<u> </u>	Uence	494	RECEIVED		
	V)nole	497	KANSAS CORPORATION CONTINUES ISH		
			OCT 0 9 2008		

## Metcalf Partners 3 pg 2 of 2

### WELL DRILLERS LUGGING KEPUKI

10	Line 507	<u> </u>
<del></del>	Invitane 511	1
14	10hale 1.525	ITESTED 520' -O-GAS
_3	Iline 1538	
1	IBUL Date 1,529	
4	1. Chalo (show) 533	I TESTED 540' -0-GAS
13	11 1545	·
_5	10hale 1550	
<u>.3</u>	IRedBer. 1553	I
27	Iohale 1580	I
2	Iline 1582	I
48	10hale 1630	itested 120' -0-GAS
11	I Danistal 641	Ioilshau isomerm
_جَ	iobalisauni 646	ITESED HAD 132 MODERN
28	Ohale 1674	<u> </u>
1	Ilune 1675	I
2	10 male (Oul) 1 677	
4	10/rele 1/08/	I
	ical 168a	Ţ.
5	Nonaie 1687	1
8	10m/2540001 695	
2	11 1097	I
15	10/mle 1 712	I
3	But Mate 1 715	
4	10hal (Oal) 1 719	MESTED 720' 130,000 CEM
<b>3</b> 0	10/mic 1749	17556D 740' 132,000 CFM
17	Male (savy) 766	ITESHED 760' 132,000 CFM.
22	Whale 1788	ITESHO TRO' 132, DOORFM
a	Manastore 1 790	1 TESTED 790 132,000 CPM
<i>a</i> 0	ObaidSardia 810	1 Tested 800' - 813' 132,000
1	Damiatout 811	ITESTED RYU-132, WYOFA.
49	Onale Gamen \$60	ITOTAL DOPTH.
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RECEIVED KANSAS CORPORATION COMMISSION

OCT 0 9 2008

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