FORM RUFT SE TYPES	\$19E QUE
STATE COMPONATION COMMISSION OF MANNAS OIL & CAS COMSERVATION DIVIBION LELL COMPLETION FORM	₩I 15. 091 227930000
	Facility JOHNSON
ACO-1 MELL MISTORY DESCRIPTION OF WELL AND LEANS	
Operators License # 5885	2970s feet from E/E (circle one) Line of Section
Name: R. S. GLAZE DRILLING CO.	
22139 S. VICTORY ROAD	
tity/tute/21p SDRING HILL KS 6608	Leane Name ADAMS toll # 4 Field Name OSBORN
Purchasers	Producing Fermation BARTLESVILLE
Operator Contact Persons ALVA G. GLAZE	Elevetiens Grand 1070
None (013) 502 2023	Total Depth 860 PETP
Centractor: Memor R S GLAZE DRILLING CO	Annual of Burface Pipe Set and Committed at 20 Feet
Lieuwer5885	Multiple Stage Committing Cutter Used? Yes No
Welleite Seelegists NONE	If yes, show depth setfeet
Senigrate Type of Completion X New Mail Re-Entry Workover	If Alternate II completion, command circulated from 860
	· · · · · · · · · · · · · · · · · · ·
OIL SAD SIGN Temp. Abd.	te) Brilling Fluid Haragement Plan AIF2-Dig - 3/8/0
Bry Gther (Core, Way, Expl., Cathodic, et	(Date must be sollected from the Secerce Pit)
1f Workever/Rountry: Old Well Info as follows:	
Quiretors	
Vel Name	_ beatering pathod used
Comp. DataOld Total Dayth	Leastian of Jun PIECEIVED KANSAS CONFURATION COMPRESSION - 1 to 1
Bespening Be-part, Conv. to Inj/Sto	Operator Hess
Plus Book Desket No. Consingled Desket No. Busi Completion Beeket No.	Corrector Ness MAR 2 4 2000 Liferree Ness
Other (AD or Inj?) Backet Bo.	Surrier Sec. Tip. 5 Brg. E/V
8 23 97 R 24 07 8 25 97 Security Date Back Rescried TO Completion Sate	CONSERVATION DIVISION WICHITA, KS
- Room 2078, Wishita, Kurmae 67202, Within 120 days of Rule A2-3-130, 82-3-106 and 82-3-107 apply. Information 12 months if requested in writing and substituted with months). One copy of all wireline logs and goologist we	mil he filed with the Kanese Corporation Commission, 130 S. Market the epum date, recompletion, workever or conversion of a well. In a side two of this form will be held confidential for a period of the form (see rule \$2-3-107 for confidentiality in cucase of 12 li report shell be attached with this form. All EMENTIME TICKETS wells. Subsit EP-111 form with all temporarily shouldness wells.
All requirements of the statutes, rules and repulations pres with and the automores berein are simpleste and correct t	ulgoted to regulate the oil and goe industry have been fully complied a the best of my knowledge.
Signature	E.C.C. OFFICE USE DELY
Title OWNER Dete-	5/9/8 P Letter of Confidentiality Attached
Subservitual and supervite before in title 9th day of 506	

Fare ACO-1 (7-91)

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rator lime _R.S.		DRILLING CO.			_	_ will #	4
12 7- 15	am. 24e	2) dest Divert	County	JOHNSC	N		
terval tested, tim	teel spen w bottom hole to	and have of formations discount, flowing approxime, fluid recopy of log.	and shut-In pres	sures, wheel	me abut-in are	source read	them static is
ill Sten Tests Taker (Attach Additional	· .	□ Tes 전 80	Log	Formation	n (Top), Depth	nd batum	D sample
TATEMEN MEDITIONS: Epige Bent to Beelm		□ ₁₌ ₽ =	Name		Top		Betun
rus Taken	,	□ Tes 23 se					
octric Lay Run (Submit Copy.)		□ ₁₀₀ ᡚ ₈₀₀ ·	WELL :	LOG ATT.	ACHED		
at All E.Logu thens							
							••
	Report ol	CARING RECTING	Mar D u		production, et		
urpose of String	Size Hole Orities	Siza Casing Set (in 0.3.)	Voight Lim./Ft.	Setting Depth	Type of Commit	# Sacks Used	Type and Perc Addition
SURFACE	8"	7"		20	portland	- 5	water
roduction	6 1/4	4 **		845	consolida	tod_w	11 serv
	Depth Depth	EMPATTINA/MARTINE NEC	; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;				
Urpulė: Perferste	Top Bottom	Type of Count	Macks Used		Type and Percen	t Additive	•
Protect Coning					— <u>——</u> , ——		
Plus Off Zama	<u> </u>			<u> </u>			
Shots For Fast		i RECORD + Bridge Pl pe of Each Interval			Fracture, Shot, d Kind of Mater		packe Record Depth
		not yet per	forated				_
WHITE RECORD	\$1za	Set At	Pecker At	Limr an	0, 0		
Date of First, Roma	ed Production	, and or Inj. Pres	Acine Nethod	Naming Da	aping D as L	ift D or	ther (Emplain)
Estimated Production Per 34 Bourn	oll	Mole. Gos	Hef Vote				8ravit
isposition of Bas:		F COPPLETION	ate D port.		reduction Inter-		
	und sage 18.)	_	or (Specify)				

*CORRECTED SIDE ONE

API NO. 15- 091-227930000

FORM MUST BE TYPED

Notary Public State of Kansas

My Appt. Expires __

STATE CORPORATION COMMISSION OF KANSAS OI& GAS CONSERVATION DIVISION WELL COMPLETION FORM ACO-1 WELL HISTORY DESCRIPTION OF WELL AND LEASE	County Johnson x E -CS/2-SW - NE Sec. 12 Twp. 15 Rge. 24 W 2970 Feet from (9) N (circle one) Line of Section
Operator: License # * 32294	1980 feet from ②/W (circle one) Line of Section
Name: * OSBORN ENERGY, L.L.C	 Footages Calculated from Nearest Outside Section Corner
Address: * 9401 Indian Creek Pkwy., #40, Suite 440	NE, SE, NW or SW (circle one)
City/State/Zip * Overland Park, KS 66210	Lease Name ADAMS Well # 4
Purchaser: * AKAWA Natural Gas, L.L.C.	Field Name * Stilwell
Operator Contact Person: * Steve Allee	Producing Formation Bartlesville
Phone * (913) 327-1831	Elevation: Ground 1070' KB
Contractor: Name:R. S. Glaze Drilling Co.	Total Depth 860' PBTD
License: 5885	Amount of Surface Pipe Set and Cemented at 20 Feet
Wellsite Geologist: NONE	Multiple Stage Cementing Collar Used? Yes X No
Designate Type of Completion	If yes, show depth setN/AFeet
X New Well Re-Entry Workover	If Alternate II completion, cement circulated from* 847
Oil SWD SIOW Temp. Abd.	feet depth to surface w/ * 156 sx cmt.
X Gas ENHR X SIGW	Teet depth to surface w/ 155 sx tmt.
Dry Other (Core, WSW, Expl., Cathodic, etc)	
	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
If Workover: Operator:	Chloride contentppm Fluid volumebbls
Well Name:	Dewatering method used
Comp. DateOld Total Depth	Location of fluid disposal if hauled offsite:
Deepening Re-perf Conv. to Inj/SWD	Operator Name
Plug Back PBTD	Lease NameLicense No.
Commingled Docket No.	Quarter Sec. Twp. S Rng. E/W
Dual Completion Docket No	County Docket No
Other (SWD or Inj?) Docket No	Docket No.
8/23/97 8/24/97 *waiting on completion Spud Date Reached TD Completion Date	E AS
12 months if requested in writing and submitted with the	d date, recompletion, workover or conversion of a well side two of this form will be held confidential for a period of form (see rule 82-3-107 for confidentiality in excess of 12 report shall be attached with this form. ALL CEMENTING(TICKETS
	g- :
All requirements of the statutes, rules and regulations procomplied with and the statements herein are complete and corresponding to the statements are complete and corresponding to the statements are complete and corresponding to the statements are complete.	
Signature Holla	K.C.C. OFFICE USE ONLY F Letter of Confidentiality Attached C Wireline Log Received C Geologist Report Received
Title Coologist Date 1	-26-99 Distribution
Subscribed and sworn to before me this 26 day of facus	red out /n yenr
Notary Public Ous Synward	
Date Commission Expires 41002	
SUSAN L. FORWARD	Form ACO-1 (7-91)

C...GINAL

SIDE TWO

Operator Name O	sborn Energy,	L.L.C.	Lease N	ame Adams	ı .	Well	#4			
⊠ East		County	Johnson	<u></u>						
Sec. 12 1wp. 15	Rge. <u>24</u>	☐ West								
INSTRUCTIONS: Show interval tested, tir hydrostatic pressure sheet if more space:	ne tool open s, bottom hole	and closed, flow temperature, fl	ing and shut-i	n pressures, wh	ether shut-	in pressur	e reached stati	c level		
Drill Stem Tests To (Attach Additional		∏Yes ⊠ı	-		on (Top), De	pth and Da	-	le		
Samples Sent to Geo	ological Surve	—	1	•	Тор		Datum			
Cores Taken		□Yes ⊠ı	No							
Electric Log Run (Submit Copy.)		⊠Yes 🔲 1	70							
List All E.Logs Ru	List All E.Logs Run: Gamma Ray Neutron									
		Casing Record	New	Used						
 	Report al	l strings set-cond	ductor, surface	, intermediate,	production,	etc.				
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth		# Sacks Used	Type and Percen	t		
Surface	8"	7"		20'	Portland	6	None			
Production	6 ¼"	2 ½"	!	847'	50/50 poz	156	2% gel			
				1	1					
		ADDIT	CIONAL CEMENTIN	G/SQUEEZE RECORD						
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used		and Percent	Additives				
Perforate			<u> </u>							
Protect Casing Plug Back TD	 									
Plug Off Zone										
	!									
Shots Per Foot		RECORD - Bridge Pl ge of Each Interva			acture, Shot		queeze Record ed) Dept	h		
4	774.0-780.0			15% HC1	15% HCl					
ļ [
					_		<u> </u>			
TUBING RECORD Size Set At Packer At Liner Run										
Date of First, Resumed Production, SWD or Inj. Producing Method Waiting on completion N/A Producing Method Flowing Pumping Gas Lift Other (Explain)										
Estimated Production Per 24 Hours	Oil N/	Bbl. Gas	Mcf 15	Water Bbls. 0	Gas-O	il Ratio	Gravit	У		
Disposition of Gas	Dused on L	метнор ог со	MPLETION en Hole Per		uction Inter	_	ed			
(If vented, submit	ACO-18.)	Other	(Specify)							

with and the statem

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* CORRECTED #2

SIDE ONE

County

API NO. 15- 091-22793-0000

Johnson

STATE CORPORATION COMMISSION OF KANSAS OIL & GAS CONSERVATION DIVISION WELL COMPLETION FORM ACO-1 WELL HISTORY

DE	ACC-1 WELL HISTORY SCRIPTION OF WELL AND		-CS/2-SW - NE sec. 12 Twp. 15 Rge. 24
Operator: Licens	se #32294		Feet from(\$)N (circle one) Line of Section
Name: _	Osborn Energy, L.L	C.	1980 Feet from (C)W (circle one) Line of Section
Address	* 24850 Farley		Footages Calculated from Nearest Outside Section Corner: NE, SE, NW or SW (circle one)
City/Sta	ate/Zip * Bucyrus, I	Kansas 66013	Lease Name Adams Well # 4
Purchaser: Ak	awa Natural Gas, L.L.	C.	Field Name Stilwell
Operator Contact	t Person: Steve All	ee	Producing Formation Bartlesville
Phone (913) * 533-9900		Elevation: Ground 1070' KB N/A
_	R. S. Glaze Drilli	ng Company	Total Depth 860' PBTD N/A
	5885		Amount of Surface Pipe Set and Cemented at Fee
	ist: Rex Ashlock		Multiple Stage Cementing Collar Used?Yes _X
Designate Type o			If yes, show depth set N/A Fee If Alternate II completion, cement circulated from 847
X Gas	SWD SION	Temp. Abd. W H, Expl., Cathodic, etc)	feet depth to surface w/ 156 sx cm
If Workover:	Other (Core, WS)	W, Expl., Cathodic, etc)) Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Operator	:		Chloride content N/A ppm Fluid volume 500+/- bb
Well Nam	e:		Dewatering method usedevaporation
Deepeni	ng Re-perf.	Conv. to Inj/SWD PBTD	KANSAS COPPORATION COMMISSION Operator Name
Dual Co	mpletion Docket N SMD or Inj?) Docket N	io	Lease Name MAR 2 4 2000 License No.
8/23/97	8/24/97	* 6/1/98	Quarter Sec. Twp. S Rng. E/W
pud Date	Date Reached TD	Completion Date	County WICHITA, KS Docket No.
Rule 82-3-130, 8 12 months if remonths). One co	cnita, Kansas 6/202, B2-3-106 and 82-3-107 equested in writing opy of all wireline L	within 120 days of the apply. Information on and submitted with the cos and peologist well:	be filed with the Kansas Corporation Commission, 130 S. Market espud date, recompletion, workover or conversion of a well. In side two of this form will be held confidential for a period one form (see rule 82-3-107 for confidentiality in excess of 1 report shall be attached with this form. ALL CEMENTING TICKETS relis. Submit CP-111 form with all temporarily abandoned wells.
	of the executes outs		leaded to result to the second

regulations promulgated to regulate the oil and gas industry have been fully complied

nts herein are complete and correct to the best of my knowledge. Signature K.C.C. OFFICE USE ONLY Letter of Confidentiality Attached Date 03-23-00 Wireline Log Received Subscribed and sworn to before m Geologist Report Received Distribution Minnen ... ·KCC SUD/Rep NGPA Notary Public KGS Plug Other Ser Si (Specify) Date Commission Expires AUBLIC OF KANSA

Form ACO-1 (7-91)

Operator Name Osb	orn Energy, L.	L.C.	Leas	e Name	Adams		Well #	4
40 5 45		X East	Cour	nty	Johnson			
Sec. <u>12</u> Tup. <u>15</u>	_ Rge <u>24</u>	☐ West		. —				
INSTRUCTIONS: Show interval tested, time hydrostatic pressurer if more space is need.	me tool open a s, bottom hole	and closed, fl temperature.f	Owing and shut-	n nress	ures wheth	ner ehut-in nre	COUPA PAR	had static lavel
Drill Stem Tests Take		☐ _{Yes} 🗵	No C	Log	Formation	n (Top), Depth	and Datums	☐ Sample
Samples Sent to Geold	•	□ _{Yes} 区	No Na	me		Тор		Datum
Cores Taken		🗆 Yes 🗵	No					
Electric Log Run (Submit Copy.)		☐ Yes 🗵	No					
List All E.Logs Run:								
	<u> </u>			···				
	Report a	CASING	New New	Use Use	d	pandunting at	_	
Purpose of String	Size Hole	Size Casi			Setting			
	Drilled	Set (In O.			Depth	Type of Cement	# Sacks Used	Type and Percent Additives
<u> </u>								
	ADDITIONAL C	EMENTING/SQUEE	ZE RECORD					
Purpose: Perforate	Depth Top Bottom	Type of Ceme	ent #Sacks l	Ised	7	ype and Percent	: Additive:	
Protect Casing Plug Back TD								
Plug Off Zone								
	DEDERDATION	Proces a L						
Shots Per Foot 8	Specify Footag	e of Each Inte	ge Plugs Set/Ty; rval Perforated		Acid, F (Amount and	racture, Shot, Kind of Materi	Cement Squal (Square)	Depth
								
								
TUBING RECORD	Size							
N/A		Set At	Packer A	1	Liner Run	Tes X	No	
Date of First, Resume * 6/1/98	d Production,	SWD or Inj.	Producing Metho N/A	d Pla	ring Deum	ping Gas Li	ft 🗆 Otl	ner (Explain)
Estimated Production Per 24 Hours	Oil	Bbls. Ga	s Mcf	Water	Bbls.	Gas-Oil		Gravity
Disposition of Gas:	N/A	COMPLETION	15	<u>L</u>	0 Pro	N/A duction interve	.1	N/A
□ Vented □ Sold	Used on L		Open Hote	Port			-	
	Vented ☐ Sold ☐ Used on Lesse ☐ Open Hole ☐ Part. ☐ Dually Comp. ☐ Commingled ☐ Other (Specify)							