STATE CORPORATION COMMISSION OF KANSAS	API NO. 15- 121-27632-0000 UNIUNAL
OIL & GAS CONSERVATION DIVISION WELL COMPLETION FORM	
ACO-1 WELL HISTORY	County Miami
Operator: License # 32294 CONFIDENTIAL	C - E/2 - NE - NE sec. 3 Tup. 19S Rge. 25
Name: Osborn Energy, L.L.C.	660 Feet from S(N) (circle one) Line of Section
Address 24850 Farley	
	NE) SE, NW or SW (circle one)
City/State/Zip Bucyrus, Kansas 66013	Lease Name Cobb Well # 1-3
Purchaser: Akawa Natural Gas, L.L.C. KCC	Field NamePaola-Rantoul
Operator Contact Person: Steve Allee AUG 1 3 20	Producing Formation Mississippian
Phone ( 913 ) 533-9900	Elevation: Ground KB N/A
CONFIDEN   Contractor: Name: Layne Christensen Canada Limited	Adotal Depth 795' PBTD N/A
License: 32999	Amount of Surface Pipe Set and Cemented at 21 Feet
Wellsite Geologist: Rex Ashlock	Multiple Stage Cementing Collar Used? Yes X No
Designate Type of Completion	If yes, show depth set Feet
X New Well Re-Entry Workover	If Alternate II completion, cement circulated from792
OilSWDSIOWTemp. AbdX GasENHR _X SIGW	feet depth to <u>surface</u> w/ 125 sx cmt.
Dry Other (Core, WSW, Expl., Cathodic, etc)	Drilling Fluid Management Plan ALTT WHM 12-71 A
If Workover/Reentry: Old Well Info as follows: WED	(Data must be collected from the Reserve Pit)
Operator: NSAS CORRORATION CUMMISSI	Chloride content <u>N/A</u> ppm Fluid volume <u>500+/-</u> bbls
Well Name:	pan Fluid Volume 30077- bols
Comp. DateOld Total Depth	Dewstering method usedevaporation
	Location of fluid disposal if hauled offsite:
Deepening Re-perf. Conv. to drigSUDION Plug Back UPBID NOTA KE	Operator Name
Commingled Docket No. WICHITA KS  Dual Completion Docket No.  Other (SUD or Iniz) Docket No.	
Other (SMD or Inj?) Docket No.	Lease NameLicense No
5/4/2002 5/7/2002 waiting on completion	Quarter Sec TwpS RngE/W
Spud Date	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 Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on	spud date, recompletion, workover or conversion of a well
112 months if requested in writing and auto-	rise two of this form will be held confidential for a period of
MUST BE ATTACHED. Submit CP-4 form with all plugged well	"P" " THOIS OF GILDCHED WITH THIS TOPM. ALL PEMENTING TICKETS !
	occurred to the state of the st
with and the statements herein are complete and correct to the	ed to regulate the oil and gas industry have been fully complied best of my knowledge.
A COMMENT OF THE PARTY OF THE P	
Signature //	K.C.C. OFFICE USE ONLY
Title Geologist Date 8-	THE LOS KECEIVED
Subscribed and sworn to before me this 4 day of AUGU.	
Notary Public Narline det	Distribution
	KCC SND/RepNGPA
Date Commission Expires	KGS SWO/Rep NGPA Other (Specify)
Date Commission Expires DARLINE LOTT	KGS Plug Other
	KGS Plug Other

SIDE TWO Cobb Well # Osborn Energy, L.L.C. Lease Name Miami County \_\_ Sec. 3 Twp. 19S Rge. 25 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. ☐ Sample ☐ Yes ☒ No X Loa Formation (Top), Depth and Datums Drill Stem Tests Taken (Attach Additional Sheets.) Top Datum Name ☐ Yes ☒ No Samples Sent to Geological Survey ☐ Yes X No Cores Taken X yes D No **Drillers Log Attached** Electric Log Run (Submit Copy.) List All E.Logs Run: **Dual Induction Log** CASING RECORD New Used Report all strings set-conductor, surface, intermediate, production, etc. Type and Percent Weight Setting Type of # Sacks Purpose of String Size Hole Size Casing Drilled Set (In O.D.) Lbs./Ft. Depth Cement Used Additives **Portland** 3% CaCI2 32.75 21 10 3/4" Surface 13" 21 Class A 7" 2% CaCl2 Production 8 3/4" 20 795.3 **Thixotropic** 125 ADDITIONAL CEMENTING/SQUEEZE RECORD Purpose: Depth Type of Cement Type and Percent Additives #Sacks Used Top Bottom **Perforate** Protect Casing Plug Back TD Plug Off Zone PERFORATION RECORD - Bridge Plugs Set/Type Acid, Fracture, Shot, Cement Squeeze Record Shots Per Foot Specify Footage of Each Interval Perforated (Amount and Kind of Material Used) Depth TUBING RECORD Size Set At Packer At Liner Run ☐ Yes ☒ No N/A Producing Method Flowing Pumping Gas Lift Other (Explain) Date of First, Resumed Production, SWD or Inj. Waiting on completion Estimated Production Oil Bbls. Bbls. Gas Mcf Water Gas-Oil Ratio Gravity Per 24 Hours N/A N/A N/A Disposition of Gas: METHOD OF COMPLETION Production Interval ☐ Vented ☐ Sold ☐ Used on Lease Open Hole Perf. Dually Comp. Commingled (If vented, submit ACO-18.) Other (Specify) SIGW

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## CONFIDENTIAL

ORIGINAL MAGRIVED WSAS CORPORATION COMMISSION

Cobb #1-3

660 FNL, 330 FEL

Section 3-T19S-R25E

Miami, Co. Kansas

KCC

AUG 1 3 2002

AUG 15 2002

API #15-121-27632

CONFIDENTIAL

CONSERVATION DIVISION WICHITA, KS

Elevation: 995 GL, 998 KB (est. from Topo. Map)

Drilling Contractor: (Lic. #32999)

Spud: 5/04/2002

Surface: 13.75" bore hole, set 21' of 10.75" csg., cmt'd with 21 sx (set ahead by Glazes)

Core Hole Total Depth: 776' (Started: 5/04/02 / Finished: 5/05/02)

Production bore hole: 8 3/4"

Rotary Total Depth: 792' on 5/07/02 Drilling fluid: Water with polymer

E-Log Total Depth: 792'

Production Csg.: 7.00", 20 #/ft., set at 792' feet, cmt'd with 125 sx.

Formation	E-Log Top	Datum
Stark Shale	50	948
Hushpuckney Shale	74	924
Base Kansas City	92	906
Mound City Shale Zone	92	906
"Upper" Knobtown Sand Zone	96	902
"Middle" Knobtown Sand Zone	112	886
"Lower" Knobtown Sand		
Carbonaceous Zone in Tacket Fm.	209	789
"Big Lake" Sand Zone	212	786
South Mound Zone	236	762
Hepler (Wayside) Sand	250	748
"Upper" Mulberry Zone	308	690
Mulberry Zone	321	677
Laberdie Limestone	327	671
Weiser Sand Zone	339	659
Anna Shale (Lexington Coal Zone)	359	639
Peru Sand	***	****
Summit Shale Zone	404	594
Mulky Coal/Shale Zone	423	575
"Upper" Squirrel Sand Zone	426	572
"Middle Squirrel Sand Zone	438	560
"Lower" Squirrel Sand	488	510
Bevier Coal Zone	411	487
Croweburg Zone(s)	524	474
Fleming Coal Zone		.,,
"Upper" Cattleman Sand	541	457
Mineral Coal Zone	554	444
Scammon Coal Zone	569	429

Tebo Coal Zone	598	400
Bartlesville "A" Sand	614	384
The "Un-named" Zone	633	365
Bartlesville "B" Sand	665	333
Dry Wood Coal Zone	687	311
Bartlesville "C" Sand	nest mad map maps	
Rowe Coal Zone	702	296
"Upper" Neutral Coal Zone	715	283
"Lower" Neutral Coal Zone	721	277
"Neutral" (Mystery) Shale Zone	w	
"E" Sand	724	274
"F" Sand		
"G" Sand	****	~~~
Riverton Coal Zone		***
Mississippian	774	224
Core Hole Total Depth	776	222
Rotary Total Depth	792	206
E-Log Total Depth	792	206

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## CONFIDENTIAL

KCC AUG 13 2002

## ORIGINAL Nº 3432

**BLUE STAR** ACID SERVICE, INC.

Cementing Ticket and Invoice Number

Date	Customer Order No. API	- Sec	i Tw	p.   F	lange -	Truck Called Out	On Location	Job Began p	n Job Completed pm
5-7-A2	121-27632 -00			195 .	25E	4:00 AM	7.00	8:50	9:30
5-7-62 Owner			Contracto	н		· <del></del>	Charge To		
<u> Osborn 6</u>	Nergy/LAYNE	ENerg	City	YNE	EN	e <i>rgy</i>	State	Ne ENER	94
Mailing Address	Field Cresent	s. E.	1 -	190	LU	/	ALbe	Lta Ta	65N2
Well No. & Form	tiela L Pesent	Place	1 50	11915	7	County		State	
Depth of Well	<u>/-3</u>			<del>,</del>	11	MIAMI	#3/."	KANSA.	
Depth of Well	Depth of Job	\ \frac{2}{2}\ \( \)	1	izė	20#	Size of Hole — Amt. and Kind of Cement —	125 SKS	Carrient Left )	Request 0 / teet
792 Kind of Job	795	13 1	Used J W	Yeighl		Drillpipe	nv v	(Rotary)	
	ongstring					Tubing		Cable Truck N	6. #12
	ONGSTFING				. 1	2		0110-	BLOOM
	# ,	$\neg$			,	eting. Rig	. "	7" CASING	ixed 30 sks
Price Reference No.	<del>"</del> /	_	-			uith 10 060 • nt @ 10.5			MANING 955KS
Price of Job	665.00		Thick	7 ~	13.6	<u> </u>		F 125 5KS	
		<sup>-</sup>	Cemen		11	11 44 -			Pump & Lines
Second Stage	605	~   '	Ch-	<u> </u>	11th	14 Flocet	DISPLACE	with 33	
Mileage 100 7	225.00	-	14 plan	<u>^ wov</u>					ump flug
Other Charges	4.4	-   .	70			Wait 5 MIL		reck Float	Float Held
fotal Charges	870.00	_	70,4	<u> </u>		N (Q) 0 PS1.		/- <u></u> /	
			Good		ment	- Ontune		ace = 86	366 Sturry =
V	. A4CC		285K		1.1	Complete.	0 /	WN.	7
	IN McCoy				IOB !	complete.	7		
	- Monti		• • • • • • • • • • • • • • • • • • • •	URE			Stat	KANSAS	
The above job was d	lone under supervision of the or	wner, operate	or, or his agen	I WIOSE SI	gnature (Ipp /.  \/n (	ears below. A	Mars.	maka	my (
			7.	MANI	k You			7 ^	gent of contractor of operator
				Sales T	icket for	Materials Only			
Quantity Sacks			BRAN	T ONA OI	YPE RE	CEIVED		PRICE	TOTAL
125 SKS	Thick Set	+ Cua				PORATION COMMISS	SION	10.75	
			e i					70.75	1343.75
2n#	12	, # pe	フィッシ						
_30 #	Flocele 14	, <del> pc</del>	R/SK		ΔIJ	G 15 2002		1.00	/343.75° 30.00
_30 #	12	, ++ pc	7 <i>5K</i>		AU	G 15 2002			
_30 #	12	, # pc	7sk						
.30 #	+70ccle 1/4	#			CONSE V	G 15 2002 BVATION DIVISION VICHITA, KS			
.30 #	+70ccle 1/4	#		3 <i>17</i> <	CONSE V	RVATION DIVISION			
_30 #	12	#		3 <i>17</i> 4	CONSE V	RVATION DIVISION			
_30 #	+70ccle 1/4	#		3 <i>17</i> <	CONSE V	RVATION DIVISION			
.30 #	+70ccle 1/4	#		317	CONSE V	RVATION DIVISION			
30 #	+70ccle 1/4	#		317	CONSE V	RVATION DIVISION			
30 #	+70ccle 1/4	#		317	CONSE V	RVATION DIVISION			
30 #	Flocele 14	e #/	/3 ,:	317	CONSE V	RVATION DIVISION		1.00	30.00
30 #	+70ccle 1/4	e #/	/3 ,:	317	CONSE	RVATION DIVISION VICHITA, KS		40.00	30.00
	Flocele 14	e #/	/3 ,:	317	CONSE	RVATION DIVISION VICHITA, KS	ing & Dumping	40.00	30.00
	Flocele 14	e #/	/3 ,:	317	CONSE	RVATION DIVISION VICHITA, KS  25 SKG Handl 1,87 Tows Mileage	*/00	40.00	40.00 42.50 549.60
	Tocele 14	e #/	/3 ,:	317	CONSE	RVATION DIVISION VICHITA, KS  25 SKs Handl 37 Tows Mileas Sub T	00 / 00 Otal	40.00	30.00
30 # /	Top Rul	e # 12 bbcr	/3 ,:	317	CONSE	RVATION DIVISION VICHITA, KS  25 SAS Handl 1,87 Tows Mileas Sub T	otal	40.00	40.00 42.50 549.60
	Tocele 14  COCI  Top Rule  Delivered by # 16  Delivered from Euro	e # 12 bbcr	1/3 , ? Plug	317	CONSE	RVATION DIVISION VICHITA, KS  25 SKs Handl 37 Tows Mileas Sub T	otal	40.00	40.00 42.50 549.60