

KANSAS CORPORATION COMMISSION ORIGINAL OIL & GAS CONSERVATION DIVISION

Form ACO-1 September 1999 Form Must Be Typed

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

NAO

Operator: License # 33573	API No. 15 - 069-20287 - 00-70
Name: Arena Resources, Inc.	County: Gray
1000 0 1 1 0 11 100	
Address: 4920 S. Lewis, Suite 107 City/State/Zip: Tulsa, OK 74105	1320 feet from S N (circle one) Line of Section
Oneok Midstream Gas Supply, LLC	1320 feet from E/W (circle one) Line of Section
Operator Contact Person: Mike Barnhart	Footages Calculated from Nearest Outside Section Corner:
Phone: (918) 747-6060	(circle one) NE (SE) NW SW
Contractor: Name: Cheyenne Drilling a Div. of Trinidad Drilling, LP	Lease Name: HORNBAKER Well #: 1-30
icense: 33375	Field Name:
Vellsite Geologist: Ron Osterbuhr	Producing Formation: Chase
Designate Type of Completion:	Elevation: Ground: 2831 Kelly Bushing: 2837
New Well Re-Entry Workover	Total Depth: 2742 Plug Back Total Depth: 2741
OilSWDSIOWTemp. Abd.	Amount of Surface Pipe Set and Cemented at 555 Feet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
Dry Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth setFeet
Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from 2741
Operator:	feet depth to Surface w/ 625 sx cmt.
Vell Name:	
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan A 14-11 NIT 85 108 (Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr/SWD	Chloride content 6500 ppm Fluid volume 6000 bbls
Plug BackPlug Back Total Depth	Dewatering method used Evaporation
Commingled Docket No	Location of fluid disposal if hauled offsite:
Dual Completion Docket No	
Other (SWD or Enhr.?) Docket No	Operator Name:
5-21-06 5-22-06 6-7-06	Lease Name: License No.:
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R East West
Recompletion Date Recompletion Date	County: Docket No.:
Kansas 67202, within 120 days of the spud date, recompletion, works	ith the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, over or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. If 12 months if requested in writing and submitted with the form (see rule 82-3-
TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged we	fls. Submit CP-111 form with all temporarily abandoned wells.
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TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged we all requirements of the statutes, rules and regulations promulgated to regulation are complete and correct to the best of my browledge. Signature: Production Manager. 7-10-06	ulate the oil and gas industry have been fully complied with and the statements KCC Office Use ONLY Letter of Confidentiality Received
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All requirements of the statutes, rules and regulations promulgated to regulation are complete and correct to the best of my browledge. Signature: Production Manager Date: 7-10-06 Subscribed and sworn to before me this	ulate the oil and gas industry have been fully complied with and the statements KCC Office Use ONLY Letter of Confidentiality Received If Denied, Yes Date:
TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged we still requirements of the statutes, rules and regulations promulgated to regulation are complete and correct to the best of my knowledge. Signature: Production Manager Date: 7-10-06	ulate the oil and gas industry have been fully complied with and the statements KCC Office Use ONLY Letter of Confidentiality Received If Denied, Yes Date:
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Operator Name: Are	ena Resources, Ir	ic.		Lease	Name:	HORNBAKER	<u> </u>	. Well #: <u>1-30</u>)	· · · · · · · · · · · · · · · · · · ·	
Sec Twp2	S. R. 30	Eas	t 🗹 West		y: Gray						
INSTRUCTIONS: SI tested, time tool ope temperature, fluid red Electric Wireline Log	n and closed, flowing covery, and flow rate	g and shu s if gas to	t-in pressures, surface test, a	whether sl long with t	hut-in pre	essure reached s	static level, hydros	static pressure	es, bottor	n hole	
Drill Stem Tests Take		Y	es 🗹 No		r	og Formatio	on (Top), Depth ar	nd Datum		Sample	
Samples Sent to Geo	ological Survey	□Y	es 🗹 No		Nam	e laine		Тор 1134		Datum -1703	
Cores Taken		□ Y	es 🗹 No		1	edar Hills		1330		-1507	
Electric Log Run (Submit Copy)		✓ Y	es No		B/S	tone Corral		1861	4	976	
List All E. Logs Run:					i	ollenburg		2639		198	
-					i i	errington		2670		167	
GR/ DIL, Bor	nd Log				1	rider		2695	+142		
					T/O			2722	+	115	
						I Depth	·····	2742		·	
		Reno	CASING I		rface inte	ew Used ermediate, producti	on etc				
Purpose of String	Size Hole	Siz	ze Casing	Wei	ght	Setting	Type of	# Sacks		and Percent	
Surface	12 1/4	8 5/8	t (In O.D.)	24	/ Ft.	Depth 555	Lite & Common	Used 225 & 150		Additives 3% CC, 1/4# Flocele	
Production	7 7/8	4 1/2		10.5		2741	Lite & ASC	500 & 125	2% Gel, 1/4# Flocale		
	<u></u>	l	ADDITIONAL	CEMENTI	NG / SOL	JEEZE RECORD			l		
Purpose: Depth Type of Cement Top Bottom Type of Cement Protect Casing					Type and Percent Additives						
Plug Back TD Plug Off Zone											
Shots Per Foot	PERFORATI Specify	ON RECOF	RD - Bridge Plug Each Interval Perf	s Set/Type orated			ture, Shot, Cement sount and Kind of Mat		d	Depth	
4 SPF 2697-2705 (Krider)					1500 Gal 20% FE/MCA Acid 2657-2687						
4 SPF	2676-2682 (Herr	ington)				· · · · · · · · · · · · · · · · · · ·					
								····			
							4, -	نت			
TUBING RECORD	Size 3/8"	Set At 2641'	•	Packer A	st .	Liner Run	Yes No				
 	d Production, SWD or E		Producing Meth	nod	Flowing			Othe	er (Explain)		
Estimated Production Per 24 Hours	Oil	Bbls.	Gas 219	Mcf	Wate			us-Oil Ratio		Gravity 694	
Disposition of Gas	METHOD OF C	OMPLETIC	l			Production Interv			.,,		
Vented ✓ Sold (If vented, Su	Used on Lease		Open Hole Other (Special	Pert		Oually Comp.	Commingled				

GEOLOGICAL SUMMARY

COMFIDENTIAL COMFIDENTIAL

Arena Resources, Inc. Hornbaker #1-30 1320' FEL, 1320' FSL Sec 30-T27S-R30W Gray County, Kansas API #15-069-20287

Elevations: G.L.- 2831', K.B.- 2837' (reference datum)

The following formation depths were determined from cased-hole electric logs, and the sub-sea datums are referenced to the KB elevation of 2837':

Formation	Log Depth	<u> Datum</u> +/-	to Schmidt #1-30
T/Blaine	1134'	+1703'	+2'
T/Cedar Hills	1330′	+1507	+1'
B/Stone Corral	1861 ′	+ 976 ′	+13 ′
T/Hollenberg	2639 ′	+ 198 '	+1'
T/Herington	2670 ′	+ 167'	+0'
T/Krider	2695 ′	+ 142'	+5 ′
T/Odell	2722 ′	+ 115 ′	+0′
Total Depth	2740′	+ 97 ′	

The sub-sea datums are also compared to datums from the Arena Resources-Schmidt #1-30 well located in the SW NW NE sec 30-T27S-R30W.

The Herington-Krider interval consists primarily of tan to light gray, finely crystalline to sucrosic, slightly argillaceous and silty dolomite, with intercrystalline to vuggy porosity. The Odell Shale from consists of light gray, silty, slightly calcareous to dolomitic shale and siltstone. Recommended perforations are the upper Herington from 2676'-2682', and the Krider interval from 2697'-2705'.

Ron Osterbuhr 06/2006

DRILLER'S LOG

'ARENA RESOURCES, INC HORNBAKER 1-30 SECTION 30-T27S-R30W GRAY COUNTY, KANSAS

COMMENCED: 05-21-06 COMPLETED: 05-23-06



SURFACE CASING: 556' OF 8 5/8" CMTD W/225 SKS PREMIUM PLUS LITE + 1/4 #/SK FLOCELE. TAILED W/125 SKS COMM + 3% CC

FORMATION	DEPTH			
SURFACE HOLE	0 - 556			
SANDSTONE	556 – 1270			
GLORIETTA	1270 –1490			
RED BED	1490 –2735 RTD			

I DO HEREBY CERTIFY THAT THE FOREGOING STATEMENTS ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

CHEYENNE DRILLING

WRAY VALENTINE

STATE OF KANSAS: ss:

SUBSCRIBED AND SWORN TO BEFORE ME THIS 24TH DAY OF MAY, 2006.

JOLENJE K. RUSSELI

NOTARY PUBLIC

JOLENE K. RUSSELL
Nutary Public - State of Kansas
My Appt. Expires

To Allied Cementing Co., Inc.

HOLE SIZE

DRILL PIPE

PRES. MAX

MEAS. LINE

191

394

CEMENT

TOOL

PERFS.

You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX -A 13572 TOTAL CHARGE

DISCOUNT

KURT OSTERBUHR

PRINTED NAME RECEIVED

JUL 13 2006 KCC WICHITA

---- IF PAID IN 30 DAYS

ALLIED CEMENTING CO., INC.

REMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665

JUL 1 3 2013

SERVICE POINT:

-	1 . 1	
Oa)	Kley	,

RUSS	ELL, KA	NSAS 676	63 CA	ONFIDE	NIMA 0		0a/11	<u></u>
DATE 5/21/06	SEC.	TWP.	RANGE		ALLED OUT	ON LOCATION	JOB START	JOB FINISH
HOTN haller			364	<u> </u>	19		COUNTY	STATE
OLD OR NEW (Ci	WELL#	1-30	LOCATION \angle	optle	and Tw	W/5	C-ray	N. 5
					ONDER A	10) ·	
CONTRACTOR TYPE OF JOB		enne	<u>``</u>		OWNER 17 / e	ANAR-1504	re es	
HOLE SIZE	174	T.D	. 556		CEMENT			
	/ / 7 ② 刻		PTH 55C		AMOUNT ORI)EBED		
TUBING SIZE	- Las		PTH			1tr + 37/2	a KAFL-	· /
DRILL PIPE			PTH			lon + 392		, · · · · · · · · · · · · · · · · · · ·
TOOL			PTH				. , .	
	5,				COMMON	17.5 5/5	@ 11.00	1375,0
MEAS. LINE			DE JOINT 2.7	2	POZMIX		@	
CEMENT LEFT IN	CSG.	27			GEL		-	
PERFS.					CHLORIDE	115/5	@ 42,00	4620
DISPLACEMENT	34/	MFL			ASC		@	
	EOI	UIPMENT			Lite we	1944 225s1	60 10,2	2295,00
	LQ.				Flo-Gray	56"	@ 1.8c	100,50
DID AD TRAICK	CELCENT	FED ///-					_@	
1		TER <u>Ma</u>						
# /º// BULK TRUCK	<u>HELPER</u>	Wa	yac	·			_@	
	DRIVER	Alla			·	· · · · · · · · · · · · · · · · · · ·	_@	
BULK TRUCK	DKIVEK	17/14	4/				_ @	
	DRIVER					MPs	_@	
<u>#</u>	DRIVER				HANDLING	3755Kg	_@_ <i>_1,7₀</i> _	6375
					MILEAGE	\$ 15K /MI		1443,7.
	RE	MARKS:					TOTAL	6314,0
1 3 25 50 11	f.,	<u> </u>		<u> </u>				
MATS SACE	1. 4.76	11 881	Clary	4-125 5	ts	SERVI	CE	
Cement	12/0	4 73/20 1	1000	A/C #5	DEPTH OF IO	<u> </u>	501	
C Mari	1/1000	· PCBC 16			DEPTH OF JOI		556	735,00
***						CHARGE AGE <u>25ん</u>		
						55m;		
						 		. <u>275, c</u>
					MANIFOLD _			***************************************
	, .	أنمغ	· i/ ,					
CHARGE TO:	La shirte W	VAC SIL	Ming					
STREET			:			- %	TOTAL	*
CITY	S ₃	TATE	ZIP		F	PLUG & FLOAT	EOUIPMEN	J T
							_@	
								-
To Allied Cemen								
You are hereby re								
and furnish ceme		•						• • • • • • • • • • • • • • • • • • •
contractor to do v	vork as is	s listed. T	he above worl	k was				
done to satisfaction	on and su	ipervision	of owner agei	nt or			TOTAL	, <u></u>
contractor. I have	e read &	understan	d the "TERMS	S AND				
CONDITIONS" I	listed on	the reverse	e side.		TAX	·	-	
					TOTAL CHAR	GE		
					DISCOUNT —		—— IF PAI	D IN 30 DAYS
_		erro.					RECEIVE	ΞD
SIGNATURE V.	רדיניוני	Rsiz				-		

JUL 13 2006 KCC WICHITA



4920 S. Lewis, Suite 107 Tulsa, Oklahoma 74105 Phone (918) 747-6060 FAX (918) 747-7620

RECEIVED
JUL 1 3 2006
KCC WICHITA

KCC
JUL 13 2013
CONFIDENTIAL

Kansas Corporation Commission 130 S. Market, Room 2078 Wichita, Kansas 67202

Re: Schmidt 2-29

Nichols 1-32

API # 15-069-20288

API# 15-069-20289

Gray County, KS

Gray County, KS

Kay 1-19

Hornbaker 1-30

API# 15-069-20290

API# 15-069-20287

Gray County, KS

Gray County, KS

Gentlemen:

Arena Resources, Inc. respectfully requests that the referenced well completion information be held confidential for the maximum time allowed by rule.

Sincerely,

Mike Barnhart

www.arenaresourcesinc.com