CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
OR IGNA
September 1999
LEORIM Must Be Typed

WICHITA, KS

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License #33573	API No. 15 - 069-20295 ~60-00
Name: Arena Resources, Inc.	County: Gray
Address: 4920 S. Lewis, Suite 107	CSWSwSec7Twp27SR30
City/State/Zip: Tulsa, OK 74105	660 feet from (S) N (circle one) Line of Section
Purchaser:	660 feet from E /(W) circle one) Line of Section
Operator Contact Person: MikeBarnhart	Footages Calculated from Nearest Outside Section Corner:
Phone: (918) 747-6060 AN 0 2 2007	(circle one) NE SE NW (SW)
Contractor: Name: Cheyenne Drilling LP License: 33375 Cheyenne Drilling LP	Lease Name: Nally Land & Cattle Company Well #: 1-7
Wellsite Geologist: Ron Osterbuhr	Field Name: Chase
	Elevation: Ground: 2792 Kelly Bushing: 2798
Designate Type of Completion:	
New Well Re-Entry Workover	Total Depth: 2736 Plug Back Total Depth: 2730
OilSWDSIOWTemp. Abd.	Amount of Surface Pipe Set and Cemented at 930 Feet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used? ☐ Yes ✓ No
Dry Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth setFeet
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from
Operator:	feet depth tow/sx cmt.
Well Name:Original Total Depth:	Drilling Fluid Management Plan AHI NH 9-8 08 (Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	Chloride content 8000 ppm Fluid volume 1000 bbls
Plug Back Total Depth	Dewatering method used Evaporation
Commingled Docket No.	
Dual Completion Docket No	Location of fluid disposal if hauled offsite:
Other (SWD or Enhr.?) Docket No	Operator Name:
11-20-06 11-29-06 12-19-06	Lease Name: License No.:
T1-20-06 Tate Reached TD Tate Recompletion Date Tate Tate Tate Tate Tate Tate Tate T	Quarter Sec TwpS. R East West County: Docket No.:
INSTRUCTIONS. An original and two copies of this form shall be filed with	the Konson Companies Commission 100 C Market Poor 2070 Winkin
INSTRUCTIONS: An original and two copies of this form shall be filed with Kansas 67202, within 120 days of the spud date, recompletion, workove Information of side two of this form will be held confidential for a period of 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.	er or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. 2 months if requested in writing and submitted with the form (see rule 82-3- and geologist well report shall be attached with this form. ALL CEMENTING
All requirements of the statutes, rules and regulations promulgated to regula herein are complete and correct to the best of my knowledge.	te the oil and gas industry have been fully complied with and the statements
Signature: Mille Bumhart	KCC Office Use ONLY
Title: Production Manager Date: 1-2-07	Letter of Confidentiality Received
Subscribed and sworn to before me this 2 day of Sanciary	If Denied, Yes Date:
20.07	Wireline Log Received
Notary Public Supan J. Bunder	Geologist Report Received RECEIVED KANSAS CORPORATION COMMISSICE UIC Distribution
Date Commission Expires: My Commission Expires 05/02-20	JAN 0 5 2007
Commission Expires: Commission #03002103	CONSERVATION DIVISION

Operator Name: Arena	resources, inc.		Lease	Name: ـˈ	Nally Land & Ca	tue Company	. Well #: <u>1-7</u>	
Sec Twp	S. R. <u>30</u>	☐ East	County	Gray			· · · · · · · · · · · · · · · · · · ·	
tested, time tool open a temperature, fluid reco	and closed, flowing very, and flow rate	and base of formations p g and shut-in pressures, s if gas to surface test, a inal geological well site	whether shalong with fir	ut-in pre	essure reached s	static level, hydros	static pressure	es, bottom hole
Drill Stem Tests Taken (Attach Additional St	heets)	☐ Yes 📝 No		Vι	og Formatio	on (Top), Depth ar	nd Datum	Sample
Samples Sent to Geolo	ogical Survey	☐ Yes 🗸 No		Nam Blain			Top 1123	Datum +1675
Cores Taken	,	Yes No			r Hills		1316	+1482
Electric Log Run (Submit Copy)		✓ Yes No		Stone	e Corral (Base)		1864	+934
List All E. Logs Run:				Hollenberg			2623	+175
Liot / III L. Logo / Iuiii				Herington 2658				+140
Dual Ind, CBL/	CCL			Kride	r		2691	+107
				Odel			2710	+88
				Tota	Depth (Driller)		2730	+68
			RECORD	✓ Ne				
	Size Hole	Report all strings set-			ermediate, product	r	# Sacks	Type and Percent
Purpose of String	Drilled	Size Casing Set (In O.D.)	Weig Lbs./		Depth	Type of Cement	Used	Additives
Surface Csg	12 1/4	8 5/8	24		930	Lite & Common	275 & 150	3% CC, 1/4# Floseal
Production Csg	7 7/8	4 1/2	10.5		2730	Lite & ASC	450 & 125	2% Gel, I/4# Floseal
		ADDITIONAL	CEMENTIN	G / SQL	JEEZE RECORD			
Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	epth Type of Cement #Sacks		Used		Type and Pe	ercent Additives	
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				
4 2663-2671 (8')				1000 Gal 15%	HCL		2663-71	
TUBING RECORD 2 3/8	Size 3	Set At 2655 KB	Packer At N/A		Liner Run	Yes 🗸 No		
Date of First, Resumerd		Enhr. Producing Me		Flowin	g Pumpir	ng 🔲 Gas Lift	Oth	er (Explain)
Estimated Production Per 24 Hours	Oil O	Bbls. Gas 60	Mcf	Wat Trace	/	ols. G	as-Oil Ratio	Gravity
Disposition of Gas	METHOD OF C	COMPLETION		1 (Production Inter	val		
Vented Sold (If vented, Subj	Used on Lease	Open Hole	Perf.		Dually Comp.	Commingled		

GEOLOGICAL SUMMARY

Arena Resources, Inc.
Nally Land & Cattle Company #1-7
660' FWL, 660' FSL Sec 7-T27S-R30W
Gray County, Kansas
API #15-069-20295

KCC
JAN 0 2 2007
CONFIDENTIAL

Elevations: G.L.- 2792', K.B.- 2798' (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 2798:

Formation	Log Depth	Datum	+/- to Kay #1-19
T/Blaine	1123'	+1675'	-1'
T/Cedar Hills	1316'	+1482	-14'
B/Stone Corral	1864'	+ 934'	-30'
T/Hollenberg	2623'	+ 175'	-19'
T/Herington	2658'	+ 140'	-23'
T/Krider	2691'	+ 107'	-32'
T/Odell	2710'	+ 88'	-22'
Total Depth	2730'	+ 68'	

The sub-sea datums are also compared to datums from the Arena Resources-Kay #1-19 well located in the E2 E2 SE sec 19-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 2663'-2671', and this interval should be tested for gas pressure and water production. If virgin pressure (~440#) is present, and if water production is absent, the Krider interval from 2692'-2698' should be perforated and tested. A subsequent acid treatment could involve both sets of perforations, if neither interval proves to be water productive.

Ron Osterbuhr

12/2006

RECEIVED KANSAS CORPORATION COMMISSION

JAN 0 5 2007

CONSERVATION DIVISION WICHITA, KS

DRILLER'S LOG

ARENA RESOURCES, INC NALLY LAND & CATTLE #1-7 SECTION 7-T27S-R30W GRAY COUNTY, KANSAS

COMMENCED: 11-20-06 COMPLETED: 11-30-06 KCC JAN 0 2 2007 CONFIDENTIAL

SURFACE CASING: 932' OF 8 5/8" CMTD W/275 SKS PREMIUM PLUS LITE + 3% CC + 1/4#SK FLOCELE. TAILED W/150 SKS COMM + 3% CC.

FORMATION	DEPTH		
SAND & CLAY	0 – 935		
RED BED	935 – 1215		
GLORIETTA	1215 – 1420		
RED BED	1420 – 1897		
ANHYDRITE	1897 – 1935		
LIME & SHALE	1935 – 2730 RTD		

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

CHEYENNE DRILLING

JACK PEPPER

STATE OF KANSAS: ss:

SUBSCRIBED AND SWORN TO BEFORE ME THIS 4TH DAY OF DECEMBER, 2006.

JOLENE K. RUSSELL

NOTABLI DI IC

My Appt. Expires 9-/3-07

JOLENE K. RUSSELL Notary Public - State of Kansas

RECEIVED KANSAS CORPORATION COMMISSION

JAN 0 5 2007

CONSERVATION DIVISION WICHITA, KS

ALLIED CEMENTING CO., INC.

25161

こしし

REMIT TO P.O. BOX 31 SERVICE POINT: JAN 0 2 2007 RUSSELL, KANSAS 67665 OAKLEY JOB START JOB FINISH 12:00 FM NAILY LAND LEASE CAHIC, CO. WELL# 11N-1W-14N-E IN LOCATION COPE /AND OLD OR NEW (Circle one) 5AME CHEYENNE DRZG. **OWNER** PRODUCTION STRING TYPE OF JOB フル **CEMENT HOLE SIZE** T.D. AMOUNT ORDERED 125 SKS ASC 2868/ **CASING SIZE DEPTH** 450 SKS KITC 1/4# **TUBING SIZE DEPTH** DRILL PIPE **DEPTH** TOOL **DEPTH** PRES. MAX <u>MINIMUM</u> **COMMON** MEAS. LINE SHOE JOINT **POZMIX** CEMENT LEFT IN CSG PERFS. **CHLORIDE DISPLACEMENT** ASC 12 @ @ **EQUIPMENT** @ TERRY CEMENTER_ **PUMP TRUCK** @ 422 WAYNC **HELPER** @ BULK TRUCK # 394 @ DRIVER LONNIE @ **BULK TRUCK** DRIVER 344 HANDLING **REMARKS:** 450 SKS LITE 14 Flo -SEAl **SERVICE** LINES, **DEPTH OF JOB** PUMP TRUCK CHARGE LATCH DOWN HELD EXTRA FOOTAGE OLTOL MILEAGE _ @ 6 **MANIFOLD** (a) THANK YOU HEAD RENTAL CHARGE TO: AKENA RESOURCES TOTAL 2040 & _STATE_ 刈光[¶] PLUG & FLOAT EQUIPMENT shos, Atch down plub ASSX® ___@<u>45 z</u> @ To Allied Cementing Co., Inc. @ 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 TOTAL _ 900 % done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND TAX __ CONDITIONS" listed on the reverse side. TOTAL CHARGE __ DISCOUNT -— IF PAID IN 30 DAYS For Intulus KAN OSTERBUNE

KANSAS CORPORATION COMMISSION

ONSERVATION DIVISION WICHTLA, KS

ALLIEP CEMENTING CO., INC. 24570

REMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665 KCC JAN 0 2 2007

SERVICE POINT:

PRINTED NAME

Ca Alex RANGE CONFIDENTIAL OUT TWP. JOB FINISH ON LOCATION JOB START COUNTY WELL# LEASE CALLE LOCATION Co OLD OR NEW (Circle one) OWNER Arene Kessures CONTRACTOR Cheyena #11 TYPE OF JOB CAN F & F 17 1/2 **CEMENT HOLE SIZE** T.D. **CASING SIZE** DEPTH **TUBING SIZE DEPTH** 156 Class# +39200 DRILL PIPE DEPTH TOOL **DEPTH** COMMON 150 54 @ 12,70 1330,00 PRES. MAX **MINIMUM** SHOE JOINT 4/6 MEAS. LINE POZMIX CEMENT LEFT IN CSG. CHLORIDE ____/ 4/ * //. PERFS. DISPLACEMENT 57.01 HOL Liten eicht **EQUIPMENT** F16-5 +1 CEMENTER MAY PUMP TRUCK @ # 3/3 281 HELPER @ **BULK TRUCK** @ 344 DRIVER @ **BULK TRUCK** @ DRIVER HANDLING MILEAGE TA /</ **REMARKS:** TOTAL _ 2 Mits Lite **SERVICE** Displace DEPTH OF JOB PUMP TRUCK CHARGE @ 165 MILEAGE 55 Arz @ 6,00 MANIFOLD Head Nor Yat @ @ **@** CHARGE TO: Aryenpe Willing TOTAL __ STREET ____ _____STATE _____ZIP_ PLUG & FLOAT EQUIPMENT Rudeker Place 100,00 AFILL OFFI @ 35.C) Contralizors @ 55,00 165,000 To Allied Cementing Co., Inc. @ 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 TOTAL __ done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND TAX_ CONDITIONS" listed on the reverse side. TOTAL CHARGE ___ DISCOUNT -— IF PAID IN 30 DAYS SIGNATURE ROLL TO THE STATE OF THE STATE OF

1VN 0 2 5003 Kenses conformation commission LECEINED

CONSERVATION DIVISION



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

Kansas Corporation Commission 130 S. Market, Room 2078 Wichita, Kansas 67202 January 2, 2007

Re: Nally Land & Cattle Company 1-7 API # 15-069-20295 Gray County, KS

Bambart

JAN 0 2 2007 CONFIDENTIAL

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

RECEIVED KANSAS CORPORATION COMMISSION

JAN 0 5 2007

CONSERVATION DIVISION WICHITA, KS