ORIGINAL

5/29/10

CONFIDENTIAL

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form ACO-1 October 2008 Form Must Be Typed

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License #33924	API No. 15 - 101-22157-00-00
Name:ABARTA Oil & Gas Co., Inc.	Spot Description:
Address 1: 1000 Gamma Drive, Ste. 400	NW -NW -SE Sec. 21 Twp. 20 S. R. 29 East V West
Address 2:	2517 Feet from North / South Line of Section
City: Pittsburgh State: PA Zip: 15238 +	2685 Feet from East / West Line of Section
Contact Person: Ken Fleeman	Footages Calculated from Nearest Outside Section Corner:
Phone: (412) 963-6134	□ NE ☑ NW □ SE □ SW
CONTRACTOR: License # 33905 KANSAS CORPORATION COMMISSION	l and
Name: Royal Drilling, Inc.	Lease Name: Bevan Unit Well #: 1
Wellsite Geologist: James Musgrove JUN 0 2 2009	Field Name:
Dt	Producing Formation:
Designate Type of Completion:	Elevation: Ground: 2870 Kelly Bushing:2875
New Well Re-Entry Workover	Total Depth: 4760 Plug Back Total Depth:
Oil SWD SIOW	Amount of Surface Pipe Set and Cemented at: 347 Feet
Gas ENHR SIGW CONFIDENTIA	
CM (Coal Bed Methane) Temp Abd	
Other MAY 2 9 2009	If Alternate II completion, coment simulated from
(Core, WSW, Expl., Cathodic, etc.)	If Alternate II completion, cement circulated from:
If Workover/Re-entry: Old Well Info as follows:	feet depth to: sx cmt.
Operator:	Drilling Fluid Management Plan
Well Name:	(Data must be collected from the Reserve P.)
Original Comp. Date: Original Total Depth:	Chloride content: 37,000 ppm Fluid volume: 1,000 bbls
Deepening Re-perf Conv. to Enhr Conv. to SWD	Dewatering method used: Allow to dry and backfill
Plug Back:Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Docket No.:	
Dual Completion	Operator Name:
Other (SWD or Enhr.?) Docket No.:	Lease Name: License No.:
3/2/09 3/11/09 3/12/09	QuarterSecTwpS. R East West
Spud Date or Date Reached TD Completion Date or Recompletion Date	County: Docket No.:
INSTRUCTIONS: An original and two copies of this form shall be filed with t Kansas 67202, within 120 days of the spud date, recompletion, workover or corof side two of this form will be held confidential for a period of 12 months if requitality in excess of 12 months). One copy of all wireline logs and geologist well BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form	nversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information uested in writing and submitted with the form (see rule 82-3-107 for confident report shall be attached with this form. ALL CEMENTING TICKETS MUST
All requirements of the statutes, rules and regulations promulgated to regulate th	e oil and gas industry have been fully complied with and the statements herein
are complete and correct to the best of my knowledge.	
Signature: Seanet J. Harmon	// KCC Office Use ONLY
Fitle: Manager of Engineering Date: 5/29/09	l y
nonwealth of Planoelinia cours of Alleghere	Letter of Confidentiality Received
Subscribed and Sworn to before me this 29th day of	, If Denied, Yes Date:
20 09	Wireline Log Received
Notary Public: <u>Naicey gMulet</u>	Geologist Report Received
0 () 5/1//2	UIC Distribution
Date Commission Expires: COMMONWEALTH OF PENN	SVI VANIA

Notarial Seal Tracey G. Mulert, Notary Public O'Hara Twp., Allegheny County My Commission Expires May 16, 2013

Side Two

perator Name: ABAR	TA Oli & Gas Co	J., IIIC.	Lease Name: Bevan Unit Well # 1177 - 11 - 177			JUI Will.	
ec. 21 Twp. 20	S. R. <u>29</u>	☐ East ✓ Wes	st County:	County: Lane			
STRUCTIONS: Show ne tool open and close covery, and flow rates urveyed. Attach final g	ed, flowing and shu if gas to surface te	t-in pressures, whe st, along with final	ether shut-in press	sure reached static leve	el, hydrostatic press	sures, bottom h	iole temperature, flu
Drill Stem Tests Taken (Attach Additional Sheets) Samples Sent to Geological Survey ✓ Yes □ No		No	Log Formation (Top), Depti Name Anhydrite		nd Datum	Sample Datum +705	
		No			Top 2 7 0		
ores Taken		☐ Yes 🗸	No	Heebner		4009	-1134
Electric Log Run X Yes No			Lansing		4050	-1175	
(Submit Copy)				Marmaton		4441	-1566
ist All E. Logs Run:				Mississippian		4680	
Dual Induction Micro and Son	•	ensated, Po	rosity Log,	Miss Dolomite		4683	-1808
		_	CASING RECORD	✓ New Used urface, intermediate, produ	uction, etc.		
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.	g Wei	ght Setting	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12 1/4	8 5/8	23	347	CL "A"	170	3% CC, 2% Gel
	77 mg K						
-	* 1	ADD	ITIONAL CEMENTI	NG / SQUEEZE RECO	RD		
Purpose: — Perforate — Protect Casing — Plug Back TD Depth Top Bottom Type of Cement		ent #Sacks	Used	Type and	Percent Additive	S	
Plug Off Zone							
Shots Per Foot	PERFORAT Specify	DRATION RECORD - Bridge Plugs Set/Ty pecify Footage of Each Interval Perforated		Acid,	Fracture, Shot, Ceme (Amount and Kind of N		Depth
TUBING RECORD:	Size:	Set At:	Packer	At: Liner Run:	Yes N	lo	
Date of First, Resumed I	Production, SWD or E	nhr. Produ	ucing Method:	☐ Flowing ☐ Pu	mping Gas	Lift 🗌 O	ther (Explain)
1		Bbls. (Gas Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity
Estimated Production Per 24 Hours	Oil	Duis.					-
			METHOD C	OF COMPLETION:		PRODUC	TION INTERVAL:

QUALITY OILWELL CEMENTING, INC.

Phone 785-483-2025 Cell 785-324-1041	Home Office P.	O. Box 32 Russi	ell, KS 67665	No.	3036
Daile 3-2-09 Sec. 21	Twp. Range	County LANE	State K-S	On Location	Finish 12:45 Am
Lease Bevan Unit v	Vell No.	Location Diana	>> 5 to 20	Rd 3W /2A) WINTO
Contractor Royal Ri	2#2	Owner			
Type Job Surface 105		To Quality Oilw	ell Cementing, Inc.	ementing equipment	and furnish
Hole Size 12/4	T.D. 347	cementer and t	nelper to assist own	er or contractor to do	work as listed.
csg. 85/8 231b	Depth 347,	Charge /	Dama OI	LAGAS	
Tbg. Size	Depth	Street		and the second second	
Drill Pipe	Depth	City		State	
Tool	Depth	The above was d	lone to satisfaction and	d supervision of owner	agent or contractor.
Cement Left in Csg. 10-154	Shoe Joint		CEMENT	and Article Control of the Article State (Article S	and a state of the
Press Max.	Minimum	Amount Ordere	d 170 com 32	14 220 gel	
Meas Line	Displace 2166L	Common	in desir di di jir di Wi <u>de</u>	ing a state of the	signatu en
Perf.		Poz. Mix		and the second second second	
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Pumptrk No. Cementer Helper	fandon	Calcium		Carrier to the State of the Sta	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
Bulktrk 8 No. Driver Driver	IRKE	Mills			AMET SAIL
Bulktrk PUNo. Driver Driver	2UC)	Salt KAN	SAS CORPORATION COMM	SSION	
JOB SERVICES	& REMARKS	Flowseal		Marian magnyarana Marianana	the second of th
Pumptrk Charge			JUN 0 2 2009	segille metal war vibries ille	e de la companya de l
Mileage	CONFINENTIAL		RECEIVE		
Footage					
*	MAYORA 13 YUU'S	Handling			
Remarks:	WOC	Mileage			The state of the s
3		Pump Truck Ch	arge	***	
Ement DID	- CIPC /	<u> </u>	FLOAT EQUIPME	NT	
		() Gulde Shoe.	- 6	\$ 100 (100 (100 (100 (100 (100 (100 (100	William San
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JAMES C. MUSGROVE

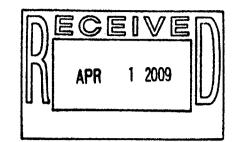
Petroleum Geologist P.O. Box 215 212 Main St. Claflin, KS 67525

Office (620) 588-4250

Res. Claflin (620) 587-3444

Abarta Oil & Gas Inc.
Bevan Unit #1
2517' FSL & 2685' FWL
Section 21-20s-29w
Lane County, Kansas
Page No. 1

CONFIDENTIAL MAY 2 9 2009



Dry and Abandoned

KCC

Contractor:

Royal Drilling Company (Rig #1)

Commenced:

March 2, 2009

Completed:

March 11, 2009

KANSAS CORPORATION COMMISSION

Elevation:

2875' K.B.; 2873' D.F.; 2870' G.L.

JUN 0 2 2003

Casing Program:

Surface; 8 5/8" @ 347'

Production; none.

RECEIVED

Samples:

Samples saved and examined 3900' to the Rotary Total Depth.

Drilling Time:

One (1) foot drilling time recorded and kept 3800' to the Rotary

Total Depth.

Measurements:

All depths measured from the Kelly Bushing.

Drill Stem Tests:

There were two (2) Drill Stem Tests ran by Trilobite Testing Co.

Electric Log:

By Superior Well Services; Dual Induction, Dual Compensated

Porosity Log, Micro and Sonic Log.

<u>Formation</u>	Log Depth	Sub-Sea Datum			
Anhydrite	2170	+705			
Base Anhydrite	2229	+686			
Heebner	4009	-1134			
Toronto	4025	-1150			
Lansing	4050	-1175			
Base Kansas City	4419	-1544			
Pleasanton	4427	-1552			
Marmaton	4441	-1566			
Pawnee	4549	-1674			
Myrick Station	4572	-1697			
Fort Scott	4591	-1716			
Cherokee Shale	4615	-1740			
Johnson Zone	4657	-1782			
Mississippian	4680	-1805			
Mississippian Dolomite	4683	-1808			
Rotary Total Depth	4760	-1885			
Log Total Depth	4759	-1884			
(All tops and zones corrected to Electric Log measurements).					

Abarta Oil & Gas Inc. Bevan Unit #1 2517' FSL & 2685' FWL Section 21-20s-29w Lane County, Kansas Page No. 2

KANSAS CORPORATION COMMISSION

JUN 0 2 2009 RECEIVED

SAMPLE ANALYSIS, SHOWS OF OIL, TESTING DATA, ETC.

TOPEKA SECTION

3940-3952'

Limestone; tan, white, dolomitic, scattered porosity.

3965-3978'

Limestone; gray to cream, fossiliferous, slightly chalky plus white

to gray chert.

TORONTO SECTION

CONFIDENTIAL 4025-4034

Limestone; white, cream, chalky, fossiliferous in part, few

scattered porosity, no shows of oil.

KCC 4040-4045

Limestone; as above, plus white boney chert.

LANSING SECTION

Limestone; cream to tan, fine crystalline, slightly fossiliferous, chalky, scattered porosity, no shows.

4090-4098' Limestone; cream to gray, fine crystalline, chalky, scattered

porosity, no shows.

4110-4118' Limestone; tan, fine crystalline, chalky in part, shaley.

Limestone; cream, fine crystalline oolitic, poor visible porosity,

plus white chert, no shows.

4170-4180' Limestone; tan, oolitic, few sub oomoldic, chalky, no shows.

4202-4215' Limestone; cream to tan, fine crystalline, few fossiliferous

pieces, chalky, dense, poorly deviated porosity.

4243-4250' Limestone; tan to cream, fossiliferous to oolitic,chalky, scattered

poorly developed, porosity.

4278-4290' Limestone; cream to gray fine crystalline, slightly cherty, plus

gray fossiliferous boney chert.

4310-4324' Limestone; tan to cream, oomoldic, fair to good oomoldic

porosity, barren.

4346-4354' Limestone; white, gray, chalky, few sub oomoldic, poor visible

porosity, plus trace gray chert.

4371-4380' Limestone; as above, fine crystalline, poor visible porosity, trace

brown edge staining, no show of free oil, no odor.

4394-4402' Limestone; cream to gray, fine crystalline, chalky, scattered

intercrystalline to finely vuggy porosity, trace brown stain, no show of fresh oil, questionable odor when sample broken.

PLEASANTON SECTION

4426-4433'

Limestone; tan, chalky, sparry calcite cement, trace free oil, poor

staining, no odor.

Abarta Oil & Gas Inc. Bevan Unit #1 2517' FSL & 2685' FWL Section 21-20s-29w Lane County, Kansas Page No. 3

MARMATON SECTION

4441-4450' Limestone; cream, fine crystalline, chalky, dense, no shows.

4477-4488' Limestone; tan to cream, fine crystalline, chalky, questionable

stain, no show of free oil, no odor.

4508-4516' Limestone; cream, slightly oolitic, chalky, trace spotty brown

stain, one price with trace free oil, no odor.

Drill Stem Test #1

4420-4525'

CONFIDENTIAL Times:

30-45-60-90

MAY 2 9 2009

Blow:

Weak to fair (5 1/2")

Final Flow; weak to fair (6 1/2")

KCC

Recovery:

120' slightly oil cut mud

(5% oil, 95% mud)

Pressures: ISIP 911 psi FSIP 856 psi

IFP 18-42 psi FFP 45-72 psi HSH 2192-2175 psi

11011 2102

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KANSAS CORPORATION COMMISSION

JUN 0 2 2009

PAWNEE SECTION

4551-4556'

Limestone; gray to white, fine crystalline, slightly fossiliferous, spotty stain, show of free oil, odor when sample was broken open.

MYRICK STATION SECTION

4573-4579'

Limestone; tan, medium crystalline, chalky in part, brown to golden brown stain, show of free oil, faint odor, few fossiliferous to oolitic pieces.

FT SCOTT SECTION

4592-4597'

Limestone; tan, fossiliferous to oolitic, slightly cherty, scattered porosity, sparry calcite cement, golden brown stain, trace free

oil.

4606-4612'

Limestone; tan, oolitic, chalky, fair porosity, brown to golden

brown stain, show of free oil, faint odor.

Drill Stem Test #2

4536-4620'

Times:

30-45-60-90

Blow:

Weak to fair (3")

Final Flow; weak to fair (3 1/4")

Recovery:

15' gas in pipe

20' slightly oil and gas cut mud

25' slightly oil cut mud

Pressures: ISIP

ISIP 1144

psi

FSIP 1145

psi

IFP 14-22 FFP 24-34 psi psi

HSH 2220-2211

. psi Abarta Oil & Gas Inc. Bevan Unit #1 2517' FSL & 2685' FWL Section 21-20s-29w Lane County, Kansas Page No. 4

JOHNSON ZONE SECTION

4657-4666'

Limestone; tan, oolitic, slightly cherty, no shows.

MISSISSIPPIAN LIME SECTION

4680-4683'

Limestone; tan to brown, fine crystalline, dense, plus gray to

opaque chert, trace tan oolitic chalky limestone.

MISSISSIPPIAN DOLOMITE SECTION

4683-4695'

Dolomite; tan, gray, medium crystalline, sucrosic, scattered vuggy porosity, poor light brown stain, show of free oil, faint

odor, few fossils.

CONFIDENTIAL MAY 2 9 2009

Drill Stem Test #3

<u>4653-4695'</u>

KCC

Times:

30-30-45-90

Blow:

Strong (off bottom of bucket in 5 minutes)

Final flow; (7 inches, died back to 4 ½ inches)

Recovery:

1065' muddy water

Pressures: ISIP

ISIP 1130

psi

FSIP 1104

psi

IFP 31-256

psi

FFP 262-489 HSH 2296-2266 psi

.....

66 psi

4698-4708

Dolomite; as above, no shows.

4712-4722'

Dolomite; tan, fine crystalline, scattered pinpoint to vuggy porosity, trace green shale, plus white chert, no shows.

Rotary Total Depth

4760 (-1885)

Log Total Depth

4759 (-1884)

Recommendations

On the basis of the negative Drill Stem Test and there being no other zones worthy of any further testing, it was recommended by all parties involved that the Bevan Unit #1 be plugged and abandoned at the Rotary Total Depth 4760 (-1885).

Respectfully submitted;

Joshua R. Austin & James C. Musgrove

Petroleum Geologists

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