

State of Colorado  
Oil and Gas Conservation  
DEPARTMENT OF NATURAL RESOURCES

## WELL ABANDONMENT REPORT

This form is to be submitted as an intent whenever a plugging is planned on a borehole. The approved intent shall be valid for one year after the approval date; after that period a new intent will be required. After the plugging is complete, this form shall again be submitted as a subsequent report of the work as actually completed.

FOR OGCC USE ONLY

RECEIVED

NOV - 8 1999

LO. OIL &amp; GAS CONS. COMM.

ET Bm OE PR ES

24 hour notice required, contact

@

Complete the  
Attachment Checklist

Opér OGCC

Wellbore Diagram		
Cement Job Summary		
Wireline Job Summary		

OGCC Operator Number: 27520  
Name of Operator: Energy Alliance Company, Inc  
Address: P.O. Box 94461  
City: Englewood State: CO Zip: 80155  
API Number: 05-0090659200  
Well Name: Arapahoe Number: 1-15  
Location (QtrQtr, Sec, Twp, Rng, Meridian): C, SE of Sec. 15, T33S-R42W  
County: Baca Federal, Indian or State lease number:  
Field Name: Wildcat Field Number: 99999

Contact Name &amp; Phone

No: (303) 8580144Fax: (303) 8580145☐ Notice of Intent to Abandon☐ Subsequent Report of Abandonment

## Background for Intent Only

Reason for abandonment: ☒ Dry ☐ Production Sub-economic ☐ Mechanical Problems ☐ Other  
Casing to be pulled: ☒ No ☐ Yes Top of casing cement:  
Fish in hole: ☒ No ☐ Yes If yes, explain details below:  
Wellbore has uncemented casing leaks: ☒ No ☐ Yes If yes, explain details below:  
Details:

## Current and Previously Abandoned Zones

Formation	Perforations	Date	Method of Isolation (None, Squeezed, BP, Cement, etc.)	Plug Depth
NA				

## Casing History

Casing String	Size	Cement Top	Stage Cement Top
8 5/8" 23# Surface	8 5/8" @ 876'	Surface	

## Plugging Procedure for Intent and Subsequent Report

CORRECTIONS -DKD

1. CIBP #1 Depth \_\_\_\_\_ CIBP #2 Depth \_\_\_\_\_ CIBP #3 Depth \_\_\_\_\_ NOTE: Two (2) sacks cement required on all CIBPs  
2. Set 40 sks cmt from 1500 ft. to 1700 ft. in ☐ Casing ☒ Open Hole ☐ Annulus  
3. Set 10 sks cmt from 40 ft. to \_\_\_\_\_ ft. in ☐ Casing ☐ Open Hole ☐ Annulus  
4. Set 40 sks cmt from 700 ft. to 900 ft. in ☐ Casing ☒ Open Hole ☐ Annulus  
5. Set \_\_\_\_\_ sks cmt from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. in ☐ Casing ☐ Open Hole ☐ Annulus  
6. Set \_\_\_\_\_ sks cmt from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. in ☐ Casing ☐ Open Hole ☐ Annulus  
7. Perforate and squeeze @ \_\_\_\_\_ ft. with \_\_\_\_\_ SKS Leave at least 100 ft. in casing  
8. Perforate and squeeze @ \_\_\_\_\_ ft. with \_\_\_\_\_ SKS Leave at least 100 ft. in casing  
9. Perforate and squeeze @ \_\_\_\_\_ ft. with \_\_\_\_\_ SKS Leave at least 100 ft. in casing  
10. Set \_\_\_\_\_ SKS 1/2 in 1/2 out surface casing from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
11. Set \_\_\_\_\_ SKS @ surface  
Cut 4 feet below ground level, weld on plate Dry-Hole Marker ☐ No ☒ Yes  
Set 5 SKS in rate hole Set 5 SKS in mouse hole

## Additional Plugging Information for Subsequent Report Only

Casing recovered: NA ft. of \_\_\_\_\_ in. casingPlugging date: 05/19/1999

\*Wireline contractor: \_\_\_\_\_

\*Cementing contractor: \_\_\_\_\_

Type of cement and additives used: \_\_\_\_\_

\*Attach job summaries.

I hereby certify that the statements made in this form are, to the best of my knowledge, true, correct, and complete.

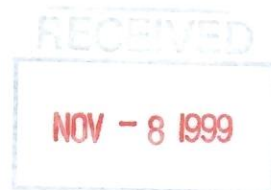
Print Name Rick WightmanSigned Rick Wightman Title: President Date: 11-1-99OGCC Approved: DK Dillon Title: ENGINEER Date: 1/28/200

CONDITIONS OF APPROVAL, IF ANY:



MAY 20, 1999

ENERGY ALIANCE COMPANY, INC



LO, OIL & GAS CONS. COMP

ARAPAHO #1-15

05/20/99 TD @1650', Rig down. 24-hr Breakdown: WOO - 4hrs, Plug - 2 hrs.  
Plugged well w/100 sx cement as follows: 40 sx @1500', 40 sx @900', 10 sx  
@40', 5 sx Rathole, 5 sx Mousehole. Good circ, job complete @1:00 p.m.,  
welded ID Plate on 8 5/8". Released rig @3:00.

U.S. DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
1615 North 10th Street  
Denver, Colorado 80202  
Tel: (303) 733-8300  
Fax: (303) 733-8301

TO: ARAPAHO #1-15  
FROM: ENERGY ALLIANCE COMPANY, INC  
SUBJECT: TD @1650', Rig down. 24-hr Breakdown: WOO - 4hrs, Plug - 2 hrs.  
Plugged well w/100 sx cement as follows: 40 sx @1500', 40 sx @900', 10 sx  
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welded ID Plate on 8 5/8". Released rig @3:00.

RE: ARAPAHO #1-15  
DATE: 05/20/99  
TIME: 1:00 p.m.  
LOCATION: ARAPAHO #1-15  
WELL: ARAPAHO #1-15  
STATUS: TD @1650', Rig down. 24-hr Breakdown: WOO - 4hrs, Plug - 2 hrs.  
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ENERGY ALLIANCE

1615 North 10th Street  
Denver, Colorado 80202  
Tel: (303) 733-8300  
Fax: (303) 733-8301

FIELD RECEIPT NO. 189810205

## BJ Services Company



CUSTOMER (COMPANY NAME) Energy Alliance Co., Inc.				CREDIT APPROVAL NO. 533 5K		PURCHASE ORDER NO.		CUSTOMER NUMBER 20027879 - 20027879		INVOICE NUMBER							
MAIL INVOICE TO:				STREET OR BOX NUMBER 6565 S. Dayton, Ste 2350		CITY Englewood		STATE Colorado		ZIP CODE 80155							
DATE WORK COMPLETED		MO. 05	DAY 19	YEAR 1999	BJ SERVICES SUPERVISOR Tracey Arnold		WELL TYPE: New Well		<div style="border: 1px solid black; padding: 5px; text-align: center;"> RECEIVED  NOV - 8 1999  OIL &amp; GAS CONS. COM </div>								
BJ SERVICES DISTRICT Perryton		JOB DEPTH (ft) 1,620		WELL CLASS: Gas													
WELL NAME AND NUMBER Arapahoe 1-15		TD WELL DEPTH (ft) 1,620		GAS USED ON JOB: No Gas													
WELL LOCATION:		LEGAL DESCRIPTION Sec.15-33s-42W		COUNTY/PARISH Baca		STATE Colorado		JOB TYPE CODE: Plug & Abandon									
PRODUCT CODE		DESCRIPTION				UNIT OF MEASURE		QUANTITY		LIST PRICE UNIT		GROSS AMOUNT		PERCENT DISC.		NET AMOUNT	
100022		Class H Cement				sacks		50								355.11	
100120		Bentonite				lbs		504								63.20	
100317		Poz (Fly Ash)				sacks		50								188.67	
		SUB-TOTAL FOR Product Material														606.98	
M100		Bulk Materials Service Charge				cu ft		108								98.50	
		SUB-TOTAL FOR Service Charges														98.50	
F055		Cement Pump Tubing, 1501 - 2000 ft				Ghrs		1								940.50	
J225		Data Acquisition, Cement, Standard				job		1								381.90	
J390		Mileage, Heavy Vehicle				miles		140								287.28	
J391		Mileage, Auto, Pick-Up or Treating Van				miles		140								171.57	
		SUB-TOTAL FOR Equipment														1,781.25	
J401		Bulk Delivery, Dry Products				ton-mi		312								213.41	
		SUB-TOTAL FOR Freight/Delivery Charges														213.41	
ARRIVE LOCATION:		MO. 05	DAY 19	YEAR 1999	TIME 09:00	SERVICE ORDER: I AUTHORIZE WORK TO BEGIN PER SERVICE INSTRUCTIONS IN ACCORDANCE WITH THE TERMS AND CONDITIONS PRINTED ON THE LAST PAGE OF THIS FORM AND REPRESENT THAT I HAVE AUTHORITY TO ACCEPT AND SIGN THIS ORDER.						SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.					
CUSTOMER REP.					<i>Richard Stevenson</i> CUSTOMER AUTHORIZED AGENT						X <i>Richard Stevenson</i> CUSTOMER AUTHORIZED AGENT						
LAST PAGE FOR GENERAL AND CONDITIONS											X <i>[Signature]</i> BJ SERVICES APPROVED						





## CEMENT JOB REPORT

JAN 28 2000

PAGE \_\_\_\_ of \_\_\_\_

CUSTOMER <b>Energy Alliance</b>		DATE <b>5-19-99</b>	FR.# <b>189810205</b>	SERV. SUPV. <b>T. H. H.</b>	
LEASE & WELL NAME-OCSS <b>Acropolis</b>		LOCATION <b>Sec 15-335-424</b>	COUNTY-PARISH-BLOCK <b>Berkeley</b>		
DISTRICT <b>Perryman, TX</b>		DRILLING CONTRACTOR RIG# <b>RAH #7</b>	TYPE OF JOB <b>P/A</b>		
SIZE & TYPE OF PLUGS		LIST-CSG HARDWARE		PHYSICAL SLURRY PROPERTIES	
TOP				SLURRY WGT PPG	SLURRY YLD F13
BTM				WATER OPS	PUMP TIME HR:MIN
				BM SLURRY	BM MIX WATER
MATERIALS FURNISHED BY RJ					
40 x 5 5/8 P2 H+626cl 1500 1200		13.5	1.80	9.81	12.8 9.3
40 x 5 5/8 P2 H+626cl 900-700		13.5	1.80	9.81	12.8 9.3
10 x 5 5/8 P2 H+626cl		13.5	1.80	9.81	3.2 2.3
5 x 5 5/8 P2 H+626cl Rgt & M450		13.5	1.80	9.81	1.6 1.1
Available Mix Water <b>450</b> Bbl.		Available Displ. Fluid <b>400</b> Bbl.		TOTAL <b>32 232</b>	
HOLE		TBO-CSG-D.P.		COLLAR DEPTHS	
SIZE	% EXCESS	DLPTH	SIZE	WGT.	DEPTH
7 7/8		1670	4 1/2	1660	1500
LAST CASING		PKR-CMI RET-BR PL-LINER		PERF. DEPTH	
SIZE	WGT.	TYPE	DEPTH	TOP	BTM
8 5/8	24		877		
CAL. DISPL. VOL-Bbl.		CAL. PSI		MAX TBO PSI	
TBO	CSG	CSG	TOTAL	RATED	OP.
CAL. MAX PSI		OP. MAX		MAX CSG PSI	
TO REV.		SQ PSI		RATED	OP.
				DISPL. FLUID	
				TYPE	
				WGT.	
				WATER SOURCE	
				H2O 9.0	
				H2O 8.3 R23	
EXPLANATION, TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING:					
PRESSURE / RATE DETAIL					
TIME HR:MIN.	PRESSURE-PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE
	PIPE	ANNULUS			
1122	0-200		0-5	20	H2O
1129	200-10		5-4	12.8	com
1132	100		4-5	15	H2O
1136	100-0		5-0		
1209	0-100		0-5	20	H2O
1214	100		5-4	12.4	Rem
1217	100		4	7	H2O
1219	100-0		4-0		
1250	0-100		0-4	2	H2O
1257	100		4-	6.7	com
103	100-0		4-0		
EXPLANATION					
SAFETY MFLTING: BJ CRLW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>					
TEST LINES <b>1500</b> PSI					
CIRCULATING WELL-RIG <input type="checkbox"/> BJ <input type="checkbox"/>					
BUMPED PLUG					
PSI TO BUMP PLUG					
TEST FLOAT EQUIP.					
Bbl. CMI RETURNS/ REVERSED					
TOTAL Bbl. PUMPED					
PSI LEFT ON CSG					
SPOT TOP CEMENT					
SERV. SUPV. <b>T. H. H.</b>					