

State of Colorado
Oil and Gas Conservation

DEPARTMENT OF NATURAL RESOURCES



FOR OGCC USE ONLY
RECEIVED
NOV - 8 1999
LO, OIL & GAS CONS. COMM.

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.

ET Bm OE PR ES

OGCC Operator Number: 27520 Contact Name & Phone: Rick Wightman
 Name of Operator: Energy Alliance Company, Inc No: (303) 8580144
 Address: P.O. Box 94461 Fax: (303) 8580145
 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

24 hour notice required, contact @ _____
 Complete the Attachment Checklist
 Opér OGCC
 Wellbore Diagram _____
 Cement Job Summary _____
 Wireline Job Summary _____

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
<u>NA</u>				

Casing History

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

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. casing Plugging 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 Wightman
 Signed Rick Wightman Title: Resident Date: 11-1-99

OGCC Approved: DK Dillon Title: ENGINEER Date: 1/28/200

CONDITIONS OF APPROVAL, IF ANY:

MAY 20, 1999



ENERGY ALIANCE COMPANY, INC

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.

05
MAY 20 1999
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ENERGY ALLIANCE

Harold Frauli
Petroleum Management Company
10000 W. 10th Street
Midwest City, Oklahoma 73102

ENERGY ALLIANCE COMPANY, INC

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.	DAY	YEAR	BJ SERVICES SUPERVISOR Tracey Arnold			WELL TYPE: New Well					
05		19	1999				WELL CLASS: Gas						
BJ SERVICES DISTRICT Perryton				JOB DEPTH (ft) 1,620				GAS USED ON JOB: No Gas					
WELL NAME AND NUMBER Arapahoe 1-15				TD WELL DEPTH (ft) 1,620				JOB TYPE CODE: Plug & Abandon					
WELL LOCATION:		LEGAL DESCRIPTION Sec.15-33s-42w			COUNTY/PARISH Baca		STATE Colorado						

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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	Benfonite	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. [Signature]
LAST PAGE FOR GENERAL AND CONDITIONS

[Signature]
CUSTOMER AUTHORIZED AGENT

CUSTOMER AUTHORIZED AGENT
X [Signature]
BJ SERVICES APPROVED
X [Signature]



CEMENT JOB REPORT

JAN 28 2000

PAGE of

CUSTOMER Energy Alliance	DATE 5-19-99	F.R.# 189810205	SERV. SUPV. T. Allen
LEASE & WELL NAME-OCSS Acrop Hor	LOCATION Sec 15-335-424	COUNTY-PARISH-BLOCK Brazos Co.	
DISTRICT Perry Co. TX	DRILLING CONTRACTOR RIG# Allen #7	TYPE OF JOB PIA	

SIZE & TYPE OF PLUGS		LIST-CSG HARDWARE		PHYSICAL SLURRY PROPERTIES				
TOP	BTM	SLURRY WGT PRG	SLURRY YLD P13	WATER OPS	PUMP TIME HR:MIN	BM SLURRY	BM MIX WATER	
MATERIALS FURNISHED BY BJ								
40 sks	5/80 P07 H+626cl	1500	1200	13.5	1.80	9.81	12.8 9.3	
40 sks	5/80 P07 H+626cl	900	700	13.5	1.80	9.81	12.8 9.3	
10 sks	5/80 P07 H+626cl			13.5	1.80	9.81	3.2 2.3	
5 sks ea	5/80 P07 H+626cl Rgt & Mch			13.5	1.80	9.81	1.6 1.1	

Available Mix Water 450 Bbl. Available Displ. Fluid 400 Bbl. TOTAL **32 232**

HOLE			TBO-CSG-D.P.			TBO-CSG-D.P.			COLLAR DEPTHS		
SIZE	% EXCESS	DL FT/II	SIZE	WGT.	DEPTH	SIZE	WGT.	DEPTH	SHOE	FLOAT	STAGE
7 7/8		1670	4 1/2	1660	1500						

LAST CASING				PKR-CM1 RET-BR PL-LINER		PERF. DEPTH		TOP CONN		WELL FLUID	
SIZE	WGT.	TYPE	DEPTH	BRAND & TYPE	DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.
8 5/8	24		877					4 1/2	x 1/2		

CAL. DISPL. VOL.-Bbl.				CAL. PSI		CAL. MAX PSI		OP. MAX		MAX TBO PSI		MAX CSG PSI		DISPL. FLUID		WATER
TBO	CSG	CSG	TOTAL	BUMP PLUG	TO REV.	SOQ PSI	RATED	OP.	RATED	OP.	TYPE	WGT.	SOURCE			
											Mud	9.0	R/S			
											H2O	8.3	R/S			

EXPLANATION, TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING:

PRESSURE / RATE DETAIL						EXPLANATION	
TIME HR:MIN.	PRESSURE-PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MFLTING: BJ CRLW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>	
	PIPE	ANNULUS				TEST LINES	PSI
1122	0-200		0-5	20	H2O	ST H2O Ahead	
1129	200-100		5-4	12.8	cem	st cement	
1132	100		4-5	15	H2O	st Displacement	
1136	100-0		5-0			Shut Down	
1209	0-100		0-5	20	H2O	st H2O Ahead	
1214	100		5-4	12.9	cem	st cement	
1217	100		4	7	H2O	st Displacement	
1219	100-0		4-0			Shut Down	
1250	0-100		0-4	2	H2O	Low Hole	
1257	100		4-	6.7	cem	st cement	
103	100-0		4-0			Shut Down	

BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	Bbl. CM1 RETURNS/ REVERSED	TOTAL Bbl. PUMPED	PSI LEFT ON CSG	SPOT TOP CEMENT	SERV. SUPV. T. Allen
<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		96			