Cementer: Fill in shaded areas. Operator: Fill in other items.

## RAILROAD COMMISSION OF TEXAS Oil and Gas Division

Form W-15 Cementing Report Rev. 4/1/83

1. Operator's Name (As shown on Form P-5, Organization Report)	T			483-045
	2. RRC Operator No.		3. RRC District No.	4. County of Well Site
ATHLON ENERGY OPERATING LLC	036047	- 1	00	MARTIN
	1036041		08	TATATATA
5. Fleid Name (Wildcat or exactly as shown on RRC Records)		6.	API No.	7. Drilling Permit No.
Samo 1 ann ( Ta )		1		
Spraberry (Trend Area)			42-317-37272	726312
8. Lease Name	9. Rule 37 Case No.		10. Oil Lease/Gas ID No.	
MOODY 16				11. Well No.
WOODY 36	0273054		35729	6
	1,000,		/	

CASING CEMENTING DATA:		SURFACE CASING	INTER- MEDIATE	C.	DUCTION ASING	MULTI CEMENTIN	I-STAGE IG PROCESS
			CASING	Single String	Multiple Parallel Strings	Tool	Shoe
12, (	Cementing Date	6/20/12					
13.	• Drilled Hole Size	171/2					
	Est. % wash or hole enlargement	-					
14. 5	Size of casing (in. O.D.)	13 3/8					
15. 7	Top of liner (ft.)	_					
16. 5	Setting depth (ft.)	365					
17. ľ	Number of centralizers used	5					
18. I	Hrs. Waiting on cement before drill-out	15					
A	19. API cement used: No. of sacks	415					
1" Shurry	Class	С					
	Additives	REMARK					
È	No. of sacks						
2nd Shurry	Class						
2	Additives						
Ļ	No. of sacks						
3rd Slurry	Class						
6	Additives						
1st	20. Slurry pumped: Volume (cu. ft.)	561					
	Height (ft.)	768					
2nd	Volume (cu. ft.)						
	Height (ft.)						
374	Volume (cu. ft.)						
No.	Height (ft.)						
Total	Volume (cu. ft.)	561					
to Kee	Height (ft.)	768					
1. (	Was cement circulated to ground surface or bottom of cellar) outside casing?	YES					

Remarks SLURRY----CLASS C +.005#/SK STATIC-FREE+2%CALCIUM CHLORIDE+ .25#/SKCELLO-FLAKE

CEMENTING TO PLUG AND ABANDON	PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7	PLUG #8
23. Cementing date								
24. Size of hole or pipe plugged (in.)								
25. Depth to bottom of tubing or drill pipe (ft.)								
26. Sacks of coment used (each plug)								
27. Slurry volume pumped (ca. ft.)								
28. Calculated top of plug (fl.)					A CAN LOUIS			
29. Measured top of plug, if tagged (ft.)								
30. Slurry wt. (lb/gal)								
31. Type cement								

CEMENTER'S CERTIFICATE: I declare under penalties in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that the cementing of casing and/or the placing of cement plugs in this well as shown in the report was performed by me or under my supervision, and that the cementing data and facts presented on both sides of this form are true, correct, and complete, to the best of my knowledge. This certification covers cementing data only.

R. 1 0000

Brandon Alls , Service Supervisor		Services Co			Dul C	1885	
Name and title of cementer's representative	Cen	nenting Com	pany		Signature		
P.O. Box 130	Snyder	Texas	79550	(915) 5	73 – 4913	6/20/12	0
Address	City,	State,	Zip Code	Tel: Area Code	Number	Date: mo. day	yr.
OPERATOR'S CERTIFICATE: I de certification, that I have knowledge of Are true, correct, and complete, to the Signa Burelette Wiley  Typed or printed name of operator's representative  420 Throch morton Fraddress	the well data and best of my know	d information dedge. This of	n presented in the certification covers of the certificati	is report, and that data ers all well data.	Signature	endette W	this form

Instructions to Form W-15, Cementing Report

IMPORTANT: Operators and cementing companies must comply with the requirements of the Commission's Statewide Rules 8 (Water Protection), 13 (Casing, Cementing, Drilling, and Completion), and 14 (Well Plugging). For offshore operations, see the requirements of Rule 13 (c).

- A. What to file. An operator should file an original and one copy of the completed Form W-15 for each cementing company used on a well. The cementing of different casing strings on a well by one cementing company may be reported on one form. Form W-15 should be filed with the following.
  - An initial oil or gas completion report, Form W-2 or G-1, as required by Statewide or special field rates;
  - Form W-4, Application for Multiple Completion, if the well is a multiple parallel casing completion; and
  - Form W-3, Plugging Record, unless the W-3 is signed by the cementing company representative. When reporting dry holes, operators must complete Form W-15, in addition to Form W-3, to show any casing cemented in the hole.
- B. Where to file. The appropriate Commission District Office for the county in which the well is located.
- C. Surface Casing. An operator must set and cement sufficient surface casing to protect all usable-quality water strata, as defined by the Texas Department of Water Resources, Austin. Before drilling a well in any field or area in which no field rules are in effect or in which surface casing requirements are not specified in the applicable rules, an operator must obtain a letter from the Department of Water Resources stating the protection depth. Surface casing should not be set deeper than 200 feet below the specified depth without prior approval from the Committee.
- D. Centralizers. Surface Casing must be centralized at the shoe, above and below a stage collar or diverting tool, if run, and through usable-quality water zones. In Non-deviated holes, a centralizer must be placed every fourth joint from the cement shoe to the ground surface or to the bottom of the cellar. All centralizers must meet API specifications.
- E. Exceptions and alternative casing programs. The District Director may grant an exception to the requirements of Statewide Rule 13. In a written application, an operator must state the reason for the requested exception and outline an alternate program for casing and cementing through the protection depth for strata containing usable-quality water. The District Director may approve, modify, or reject a proposed program. An operator must obtain approval of any exception before beginning casing and cementing operations.
- F. Intermediate and production casing. For specific technical requirements, operators should consult Statewide Rule 13 (3) and (4).
- G. Plugging and abandoning. Cement plugs must be placed in the wellbore as required by Statewide Rule 14. The District Director may require additional cement plugs. For onshore or inland wells, a 10-foot cement plug must be placed in the top of the well, and the casing must be cut off three foot below the ground surface. All cement plugs, except the top plug, must have sufficient slurry volume to fill 100 feet of hole, plus ten percent for each 1,000 feet of depth from the ground surface to the bottom of the plug

To plug and abandon a well, operators must use only cementers approved by the Director of Field Operations, Cementing companies, service companies or operators can qualify as approved cementers by demonstrating that they are able to mix and pump cement in compliance with Commission rules and regulations.

Cementer: Fill in shaded areas. Operator: Fill in other items.

## RAILROAD COMMISSION OF TEXAS Oil and Gas Division

Form W-15 Cementing Report Rev. 4/1/83

				483-045
I.	Operator's Name (As shown on Form P-5, Organization Repo	ort) 2. RRC Operator No.	3. RRC District No.	4. County of Well Site
	ATHLON ENERGY OPERATING	036047	08	MARTIN
5.	Field Name (Wildcat or exactly as shown on RRC Records)	6. API No.	7. Drilling Permit No.	
	SPRABERRY (77	4231737272	726312	
8.	Lease Name	9. Rule 37 Case No.	10. Oil Lease/Gas ID No.	11. Well No.
	WOODY 36	0273054	35729	'6

CASING CEMENTING DATA:		SURFACE CASING	MEDIATE	C	DUCTION ASING	MULTI-STAGE CEMENTING PROCES		
			CASING	Single String	Multiple Parailel Strings	Tool	Shoe	
12, (	Cementing Date		6/4/12					
13. •	Drilled Hole Size		11					
	Est. % wash or hole enlargement					•		
14. 5	Size of casing (in. O.D.)		8 5/8					
15. T	Гор of liner (ft.)		_					
<u> 16. S</u>	Setting depth (ft.)		5455					
17. N	Number of centralizers used		15					
18. F	Hrs. Waiting on cement before drill-out		12					
À	19. API cement used: No. of sacks	•	400					
1" Slurry	Class	>	C					
"	Additives	•	22A					
ð	No. of sacks	•	200					
2nd Shurry	Class	•	C					
H	Additives	•	22B					
b	No. of sacks	•						
3 <sup>rd</sup> Slurry	Class	•						
či,	Additives	•						
144	20. Slurry pumped: Volume (cu. ft.)		1044					
Ä	Height (ft.)	•	4107.9					
2nd	Volume (cu. ft.)		266					
(N	Height (ft.)	•	1038					
3rd	Volume (au. ft.)	•						
(7)	Height (ft.)	•						
Total	Volume (au. ft.)	•	1310					
	Height (ft.)	•	5145					
(	Was cement circulated to ground surface for bottom of cellar) outside casing?		NO					

Remarks:

22 A) 50:50 POZ CLASS C+.005#SK STATIC FREE+5% SALT+10%GEL

22 B) CLASS C+.005#SK STATIC FREE

CEMENTING TO PLUG AND ABANDON	PLUG#1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7	PLUG #8
23. Cementing date								
24. Size of hole or pipe plugged (in.)								<u></u>
25. Depth to bottom of tubing or drill pipe (ft.)								
26. Sacks of cement used (each plug)								
27. Slurry volume pumped (cu. ft.)								
28. Calculated top of plug (ft.)								
29. Measured top of plug, if tagged (ft.)								
30. Slurry wt. (lb/gal)								
31. Type cement								

CEMENTER'S CERTIFICATE: I declare under penalties in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that the cementing of casing and/or the placing of cement plugs in this well as shown in the report was performed by me or under my supervision, and that the cementing data and facts presented on both sides of this form are true, correct, and complete, to the best of my knowledge. This certification covers cementing data only.

Zach McPhaul	Service Supervisor	Ва	ker Hugh	es Inc.		RMS			
Name and title of ceme			menting Com			Signature			
P.O. Box 130		Snyder	Texas	79550_		3 - 4913		24/2012	
Address		City,	State,	Zip Code	Tel: Area Code	Number	Date: m	o. day	yr.

OPERATOR'S CERTIFICATE: 1 declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that I have knowledge of the well data and information presented in this report, and that data and facts presented on both sides of this form Are true, correct, and complete, to the best of my knowledge. This certification covers all well data.

Cementing Report

Instructions to Form W-15.

IMPORTANT: Operators and cementing companies must comply with the requirements of the Commission's Statewide Rules 8 (Water Protection), 13 (Casing, Cementing, Drilling, and Completion), and 14 (Well Plugging). For offshore operations, see the requirements of Rule 13 (c)

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- F. Intermediate and production casing. For specific technical requirements, operators should consult Statewide Rule 13 (3) and (4).
- G. Plugging and abandoning. Cement plugs must be placed in the wellbore as required by Statewide Rule 14. The District Director may require additional cement plugs. For onshore or inland wells, a 10-foot cement plug must be placed in the top of the well, and the casing must be cut off three foot below the ground surface. All cement plugs, except the top plug, must have sufficient slurry volume to fill 100 feet of hole, plus ten percent for each 1,000 feet of depth from the ground surface to the bottom of the plug

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## RAILROAD COMMISSION OF TEXAS

11.0	perator's Name (As Shown on Form P-5, Organization	Denost)	Oil and	Gas Division	In property and	1				
	Athlon En	DAMES -	rating u	2. RRC Operator No.	3. RRC District No.	4, County of Well Site	rtin			
5. F	ield Name (Wildcat or Exactly as Shown on RRC Recei	rds)	1	6. API N		7. Drilling Permi				
_	Spraberry (trene	d Area			17-37212		3/2			
8. 0	Woody	36		9. Rule 37 Case No. 0273059	10. Oil Lease/Gas ID No.	11. Well Number	6			
CAS	BING CEMENTING DATA:	SURFACE CASING	INTERMEDIATE	PRODUC	CTION CASING	MULTI-STAGE CEN	IENTING PROCESS			
		İ	CASING	MULTIPLE PARALLEL						
12	Cementing Date			SINGLE STRING STRINGS		TOOL	SHOE			
├	*Drilled Hole Size			7/1/2012		II E-TA. II.				
13.				7 7/8						
-	*Ext. % Wash or Hole Enlargement	1,7								
14.				5 1/2	ļ		,			
15.	<del></del>									
16.				11265						
17.	Number of Centralizers Used			23						
18.	Hrs. Waiting on Cement Before Drill-Out			_						
Slurry	19. API Cement Used: No. of Sacks >			350	7 7 3		William Section			
1st Bl	Class >			Premium 50/50	Poz					
-	Additives >	10%gel,5%salt(7.58#/sk),5#gilsonite,1/4#celloflake,0.2%CD-2,0.1%CR-1								
Slurry	No. of Sacks >			800		www.mx-Kman-ma-e-	in mount			
d Sli	Class >	L IV HIPMIT SOCIAL	Michigan Thurs	Premium 50/50	Poz		MALE AND ADDRESS OF THE PARTY O			
2nd	Additives >	2%gel,5%salt(2.42#/sk),2#gilsonite,0.1%CR-1,0.4%CFL-3,0.2%CD-2								
Blurry	No. of Sacks >	1 min 102			LYAC VENT LE	transplatforming siles	SPULCANIE LE			
d Blu	Class >	100			1 - 1 - 3 - 3 - 3 - 1 - 1 - 3 - 3 - 1 - 1	ment see consider	In the same			
3rd	Additives >		4		entre en entre de	Late minimal result	Remodel me			
	20. Slurry Pumped: Volume (cu.ft.) >			1074.5						
1st	Height (ft) >	am minusement	e resonati	6200.2	eachodermolin =		The second second			
	Volume (cu.ft.) >			1040		Harton Hussania La caratro Naci				
2nd	Height (ft) >			6001.1	th MacKettnesses		4-6-			
	Volume (cu.ft.) >			1000-11	<u> </u>					
3rd	Height (ft) >	n=w_1 & u	econoryou in <i>Tre</i> m	ASS INTEREST	with homotonida	per magneticati	1			
Total	Volume (cu.ft.) >	ur No serio i i i lai	M VI TOSHI INC	2115	resting at the	T Whot equal	- u- ra niñ			
L	Height (ft) >		pin pin	12201	Marga — commite	Lange mind Car	VAST I— HATTID			
	Vas Cement Circulated to Ground Surface or Bottom of Celler) Outside Casing?	T I FAIL - T	el d'Ellege e	NO	Jan de 🚐 h					
22. F	demarks									
		··· - · · · · · · · · · · · · · · · · ·					·			
		U.								

CEMENTING TO PLUG AND ABANDON	PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7	PLUG #8
23. Cementing Date			OK THEODY	1115				
24. Size of Hole or Pipe Plugged (in)								
25. Depth to Bottom of Tubing or Drift Pipe (ft)								
26. Sacks of Cement Used (each plug)		Die, i						
27. Slurry Volume Pumped (cu.ft.)	14					II.		ļ
28. Calculated Top of Plug (ft)					New Year			<u> </u>
29. Measured Top of Plug, If Tagged (ft)				ļ				
30. Sturry Wt. (ibs/gal)								
31. Type Cement						<u> </u>		

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Brenton Griffin	Service Sup	ervisor	Universal Pressure Pumpin		02119
Name and Title of Cer	menter's Representative		Cementing Company	Signature	700
P. O. BOX 3120	MIDLAND	TX.	79702	(432) 570 - 4899	July 1, 2012
Address	City	State	Zip Code	Tel Area Code Number	Date: Mo. Day Yr.
certification, the true, correct, and Burn Burn Burn Burn Burn Burn Burn Burn	hat I have knowledge of the band complete, to the band of Operators Representations	of the well data lest of my know LLJ ltapve	and information presented in ledge. This certification cove	cre all well data. Consultant la	Described on both sides of this form are

Instruction to Form W-15, Cementing Report

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