

SECTION II

DATA ON WELL COMPLETION AND LOG (Not Required on Retest)

24. Type of Completion: New Well <input checked="" type="checkbox"/> Deepening <input type="checkbox"/> Plug Back <input type="checkbox"/> Other <input type="checkbox"/>				25. Permit to Drill, Plug Back or Deepen DATE 7/03/2009 PERMIT NO. 682352			
26. Notice of Intention to Drill this well was filed in Name of MWS PRODUCING, INC.				Rule 37 CASE NO.			
27. Number of producing wells on this lease in this field (reservoir) including this well 4				28. Total number of acres in this lease 320			
29. Date Plug Back, Deepening, WorkOver or Drilling Operations: Commenced 12/05/2009 Completed 12/10/2009		30. Distance to nearest well, Same Lease & Reservoir 976'		Water Injection PERMIT NO.			
31. Location of well, relative to nearest lease boundaries of lease on which this well is located 334' Feet From EAST Line and 1020' Feet from SOUTH Line of the UNIVERSITY 2 Lease				Salt Water Disposal PERMIT NO.			
32. Elevation (DF, RKB, RT, GR, ETC.) 2,592' KB				33. Was directional survey made other than inclination (Form W-12)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
34. Top of Pay 1,698'	35. Total Depth 1,993'	36. P. B. Depth 1,926'	37. Surface Casing Determined by: Field <input type="checkbox"/> Rules <input type="checkbox"/>	Recommendation of T.D.W.R. Railroad Commission (Special) <input checked="" type="checkbox"/> DL of Letter 06/16/2009 <input type="checkbox"/> Di. of Letter			
38. Is well multiple completion? NO	39. If multiple completion, list all reservoir names (completions in this well) and Oil Lease or Gas ID No. FIELD & RESERVOIR			40. Intervals Drilled by: Rotary Tools XXX Cable Tools			
41. Name of Drilling Contractor BLUE LINE DRILLING				42. Is Cementing Affidavit Attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
43. CASING RECORD (Report All Strings Set in Well)							
CASING SIZE	WT #/FT.	DEPTH SET	MULTISTAGE TOOL DEPTH	TYPE & AMOUNT CEMENT (sacks)	HOLE SIZE	TOP OF CEMENT	SLURRY VOL. cu. ft.
8 5/8	24#	819'		410 SX C	12 1/4"	SURFACE	542
4 1/2	11.6#	1,961'		250 SX C	7 7/8"	1,330"	325
44. LINER RECORD							
Size	TOP	Bottom	Sacks Cement	Screen			
none							
45. TUBING RECORD				46. Producing interval (this completion) indicate depth of perforation or open hole			
Size	Depth Set	Packer Set	From	1,772'	To	1,804'	
2 3/8	1,664'		From		To		
			From		To		
			From		To		
47. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
Depth Interval			Amount and Kind of Material Used				
PERF 1,772'-1,804' 1 SPF			FRAC W/ 74,000# 16-30 BRADY, 38,000 GAL. GEL				
48. FORMATION RECORD (LIST DEPTHS OF PRINCIPAL GEOLOGICAL MARKERS AND FORMATION TOPS)							
Formations	Depth	Formations	Depth				
GRAYBURG	1,698'						

REMARKS



Texas Commission
on Environmental Quality
Surface Casing Program

DEPTH OF USABLE-QUALITY GROUND WATER TO BE PROTECTED

Date June 16, 2009

TCEQ File No.: SC- 13793

API Number 10500000

Attention: MIKE SWINSON

RRC Lease No. 09505

SC_597379_10500000_09505_13793.pdf

--Measured--

MWS PRODUCING INC
P O BOX 1404
STANTON TX 79782

2420 ft FWL

1020 ft FSL

MRL: SURVEY

Digital Map Location:	
X-coord/Long	<u>101.32808</u>
Y-coord/Lat	<u>30.98690</u>
Datum	<u>27</u> Zone

P-5# 597379

County CROCKETT

Lease & Well No. UNIVERSITY 2 #5

Purpose ND

Location SUR-UL, A-U436, BLK-46, SEC-2, -- [TD=2250], [RRC 7C],


To protect usable-quality ground water at this location, the Texas Commission on Environmental Quality recommends:

The interval from the land surface to the base of the SANTA ROSA ,
which is estimated to occur at a depth of 775 feet, must be protected.

Note: Unless stated otherwise, this recommendation is intended to apply only to the subject well and not for area-wide use. Approval of the well completion methods for protection of this groundwater falls under the jurisdiction of the Railroad Commission of Texas. This recommendation is intended for normal drilling, production, and plugging operations only. It does not apply to saltwater disposal operation into a nonproductive zone (RRC Form W-14).

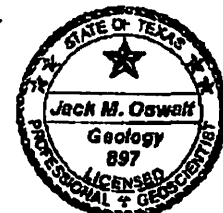
If you have any questions, please contact us at 512-239-0515, sc@tceq.state.tx.us, or by mail MC-151.

Sincerely,


Digitally signed by Jack M Oswalt
DN: cn=US, st=Texas, ou=Austin, ou=Surface
Casing, o=Texas Commission on
Environmental Quality, cn=Jack M Oswalt,
email=joswalt@tceq.state.tx.us
Date: 2009.06.16 12:35:24 -0500

Jack M. Oswalt, P.G.

GEOLOGIST SEAL



Geologist, Surface Casing Team
Waste Permits Division

The seal appearing on this document was authorized by Jack M. Oswalt on 6/16/2009
Note: Alteration of this electronic document will invalidate the digital signature.

Operator: Fill in shaded areas
 Operator: Fill in other areas

Form W-15
 Cementing Report

RAILROAD COMMISSION OF TEXAS
 Oil and Gas Division

1. Operator's Name (As Shown on Form P-5, Organization Report)	2. RRC Operator No.	3. RRC District No.	4. County of Well Site
MWS PRODUCING, INC	597319	7C	CROCKETT
5. Field Name (Wellbore or Exactly as Shown on RRC Records)	6. API No.	7. Drilling Permit No.	
FARMER (SAM ANDRES)	42-105-40989	682352	
8. Lease Name	9. Rule 37 Case No.	10. Oil Lessee/Case ID No.	11. Well Number
UNIVERSITY 2		09505	5

CASING CEMENTING DATA	SURFACE CASING	INTERMEDIATE CASING	PRODUCTION CASING		MULTI-STAGE CEMENTING PROCESS	
			SINGLE STRING	MULTIPLE PARALLEL STRINGS	TOOL	SHOE
12. Cementing Date	12/7/09					
13. *Drilled Hole Size	12 1/4					
*Ext. % Wash or Hole Enlargement						
14. Size of Casing (n. O.D.)	8 5/8					
15. Top of Liner (ft)						
16. Setting Depth (ft)	819					
17. Number of Centralizers Used	6					
18. Hrs. Waiting on Cement Before Drill-Out	4					
1st Slurry	19. API Cement Used: No. of Sacks >	310				
	Class >	c				
	Additives >	remarks				
2nd Slurry	No. of Sacks >	100				
	Class >	C				
	Additives >	REMARKS				
3rd Slurry	No. of Sacks >					
	Class >					
	Additives >					
1st	20 Slurry Pumped: Volume (cu.ft.) >	542.50				
	Height (ft) >	1314.00				
2nd	Volume (cu.ft.) >	132.00				
	Height (ft) >	320.00				
3rd	Volume (cu.ft.) >					
	Height (ft) >					
Total	Volume (cu.ft.) >	675				
	Height (ft) >	1634				
21. Was Cement Circulated to Ground Surface (or Bottom of Casing) Outside Casing?		YES				

22. Remarks

310 SKS OF CLASS C CMT+4%GEL+2%CACL+1/4%R-38

100 SKS OF CLASS C CMT+2%CACL+1/4% R-38

CIRCULATED 93 SKS 2THE PIT

OVER ▶

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 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. (lbs/gal)								
31. Type Cement								

CEMENTERS CERTIFICATE: I declare under penalties prescribed 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.

MARIO RAMIREZ
Name and Title of Cementer's Representative

RISING STAR SERVICES LP.
Cementing Company

Mario Ramirez
Signature

P.O. BOX 61193 MIDLAND TX. 79711
Address City State Zip Code

(432) 617-0114
Tel: Area Code Number

December 7, 2009
Date: Mo. Day Yr.

OPERATOR'S CERTIFICATE: I 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.

MICHAEL W. SWINSON
Typed or Printed Name of Operator's Representative

PRESIDENT
Title

Michael W. Swinson
Signature

PO Box 1404 STANTON TX 79702
Address City State Zip Code

432 756 2902
Tel: Area Code Number

12/29/09
Date: Mo. Day Yr.

Instruction 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 rules;
 - * 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 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 Commission.
 - 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 nondeviated 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 applications, 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 12 (b) (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 feet 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 1000 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.

Comment: Fill in shaded areas
Operator: Fill in other items

RAILROAD COMMISSION OF TEXAS
Oil and Gas Division

1. Operator's Name (As Shown on Form P-6, Organization Report) MWS PRODUCING, INC	2. RRC Operator No. 597379	3. RRC District No. 7C	4. County of Well Site CROCKETT
5. Field Name (Wellbore or Exactly as Shown on RRC Records) FARMER (SAN ANDRES)	6. API No. 42-105-40988	7. Drilling Permit No. 682352	
8. Lease Name UNIVERSITY 2	9. Rule 37 Case No.	10. Oil Lessee/Gas ID No. 09505	11. Well Number 5

	SURFACE CASING	INTERMEDIATE CASING	PRODUCTION CASING		MULTI-STAGE CEMENTING PROCESS	
			SINGLE STRING	MULTIPLE PARALLEL STRINGS	TOOL	SHOE
12. Cementing Date			12-12-09			
13. *Drilled Hole Size			7 7/8"			
*Ext. % Wash or Hole Enlargement						
14. Size of Casing (in. O.D.)			4 1/2"			
15. Top of Liner (ft)						
16. Setting Depth (ft)			1991'			
17. Number of Centralizers Used						
18. Hrs. Waiting on Cement Before Drill-Out						
1st slurry	19. API Cement Used: No. of Sacks >		250			
	Class >		C			
	Additives >		REMARKS			
2nd slurry	No. of Sacks >					
	Class >					
	Additives >					
3rd slurry	No. of Sacks >					
	Class >					
	Additives >					
1st	20. Slurry Pumped: Volume (cu. ft.) >		325.00			
	Height (ft) >		1426.70			
2nd	Volume (cu. ft.) >					
	Height (ft) >					
3rd	Volume (cu. ft.) >					
	Height (ft) >					
Total	Volume (cu. ft.) >		325			
	Height (ft) >		1427			
21. Was Cement Circulated to Ground Surface (or Bottom of Celler) Outside Casing?			NO			

22. Remarks

250 CLASS C 50/50 POZ 2%GEL, 5%SALT, 1/4%R-38

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 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. (lbs/gal)								
31. Type Cement								

CEMENTERS CERTIFICATE: I declare under penalties prescribed 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.

CORY REDDING CEMENTER
Name and Title of Cementer's Representative

RISING STAR SERVICES LP.
Cementing Company

C. Redding
Signature

P.O. BOX 61193 MIDLAND TX. 79711
Address City State Zip Code

(432) 617-0114
Tel: Area Code Number

DEC. 12 09
Date: Mo. Day Yr.

OPERATOR'S CERTIFICATE: I 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.

MICHAEL W. SWINSON
Typed or Printed Name of Operator's Representative

PRESIDENT
Title

Michael Swinson
Signature

PO Box 1404 STANTON TX 79782
Address City State Zip Code

432 756 2902
Tel: Area Code Number

12/29/09
Date: Mo. Day Yr.

Instruction 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 rules;
 - * 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 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 Commission.
 - 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 nondeviated 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 applications, 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 12 (b) (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 feet 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 1000 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.

Instructions

When to File Form L-1:

- with Forms G-1, W-2, and GT-1 for new and deepened gas, oil, and geothermal wells
- with Form W-3 for plugged dry holes
- when sending in a log which was held under a request for confidentiality and the period for confidentiality has not yet expired.

When is Form L-1 NOT required:

- with Forms W-2, G-1, and GT-1 filed for injection wells, disposal wells, water supply wells, service wells, re-test wells, re-classifications, and plugbacks of oil, gas or geothermal wells
- with Form W-3 for plugging of other than a dry hole

Where to File Form L-1:

- with the appropriate Commission district office

Filling out Form L-1:

- Section I and the signature section must be filled out for all wells
- complete only the appropriate part of Section II

Type of log required:

- any wireline survey run for the purpose of obtaining lithology, porosity, or resistivity information
- no more than one such log is required but it must be of the subject well
- if such log is NOT run on the subject well, do NOT substitute any other type of log; just select Section II, Part A below

SEE REVERSE SIDE

SECTION I. IDENTIFICATION

Operator Name: MWS PRODUCING, INC.	District No. 7C	Completion Date: 1/25/2010
Field Name FARMER (SAN ANDRES)	Drilling Permit No. 682352	
Lease Name UNIVERSITY 2	Lease/ID No. 09505	Well No. 5
County CROCKETT	API No. 42-105-49088 40988	

SECTION II. LOG STATUS (Complete either A or B)

A. BASIC ELECTRIC LOG NOT RUN

B. BASIC ELECTRIC LOG RUN. (Select one)

1. Confidentiality is requested and a copy of the header for each log that has been run on the well is attached.
2. Confidentiality already granted on basic electric log covering this interval (applicable to deepened wells only).
3. Basic electric log covering this interval already on file with Commission (applicable to deepened wells only).
4. Log attached to (select one):

(a) Form L-1 (this form). If the company/lease name on log is different from that shown in Section I, please enter name on log here: _____

Check here if attached log is being submitted after being held confidential.

(b) Form P-7, Application for Discovery Allowable and New Field Designation.

(c) Form W-4, Application for Multiple Completion: Lease or ID No(s). _____
Well No(s). _____

Signature

MICHAEL W. SWINSON
Name (print)

PRESIDENT
Title

(432) 756.2902
Phone

2/05/2010
Date

-FOR RAILROAD COMMISSION USE ONLY-