

Type or print only

RAILROAD COMMISSION OF TEXAS

Oil and Gas Division

Form W-2
 Rev. 4/1/83

EAG0897

API No. 42- 003-41085				7. RRC District No. 08	
Oil Well Potential Test, Completion or Recompletion Report, and Log				8. RRC Lease No. 21365	
1. FIELD NAME (as per RRC Records or Wildcat) FUHRMAN-MASCHO		2. LEASE NAME SOUTH FUHRMAN MASCHO UNIT		9. Well No. 5102	
3. OPERATOR'S NAME (Exactly as shown on P-5, Organization Report) OK AENA OPERATING COMPANY		RRC Operator No. 616981		10. County of well site ANDREWS	
4. ADDRESS 6555 S. LEWIS, TULSA, OK 74136				11. Purpose of filing Initial Potential <input checked="" type="checkbox"/>	
5. If Operator has changed within the last 60 days, name the former operator				Retest <input type="checkbox"/>	
6a. Location (Section, Block, and Survey) SEC 5 BLK 10 UL		6b. Distance and direction to nearest town in this county. 17 MILES SW DIRECTION FROM ANDREWS		Reclass <input type="checkbox"/>	
12. If workover or reclass, give former field (with reservoir) & gas ID or oil lease no. FIELD & RESERVOIR		GAS ID or OIL LEASE #		Oil - O Gas - G	
				WELL NO.	
13. Type of electric or other log run COMP NEUTRON PHOTO DENS GAMMA RAY/DUAL LAT,MICRO LAT, GAMMA RAY				14. Completion or recompletion date 9/23/09	

SECTION I: POTENTIAL TEST DATA

IMPORTANT: Test should be for 24 hours unless otherwise specified in field rules.

15. Date of test 10/1/09	16. No. of hours tested 24	17. Production method (Flowing, Gas Lift, Jetting, Pumping - Size & Type of pump) 1 1/2" ROD PUMP		18. Choke size
19. Production during Test Period Oil - BBLs 102	Gas - MCF 30	Water - BBLs 75	Gas - Oil Ratio 294	Flowing Tubing Pressure PSI
20. Calculated 24-Hour Rate Oil - BBLs 102	Gas - MCF 30	Water - BBLs 75	Oil Gravity - API - 60° 35	Casing Pressure PSI 40
21. Was swab used during this test? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		22. Oil produced prior to test (New & Reworked wells)		23. Injection Gas-Oil Ratio

REMARKS:

INSTRUCTIONS: File an original and one copy of the completed Form W-2 in the appropriate RRC District Office within 30 days after completing a well and within 10 days after a potential test. If an operator does not properly report the results of a potential test within the 10-day period, the effective date of the allowable assigned to the well will not extend back more than 10 days before the W-2 was received in the District Office. (Statewide Rules 16 and 51) To report a completion or recompletion, fill in both sides of this form. To report a retest, fill in only the front side.

WELL TESTER'S CERTIFICATION

I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I conducted or supervised this test by observation of (a) meter readings or (b) the top and bottom gauges of each tank into which production was run during the test. I further certify that the potential test data shown above is true, correct, and complete, to the best of my knowledge.

Signature: Well Tester

Name of Company

RRC Representative

OPERATOR'S CERTIFICATION

I declare under the penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this report, that this report was prepared by me under my supervision and direction, and that data and facts stated therein are true, correct, and complete, to the best of my knowledge.

LOIS A. PERRY

Typed or printed name of operator's representative

918-747-6060

Telephone: Area Code Number

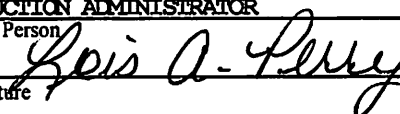
10 / 26 / 09

Date: mo. day year

PRODUCTION ADMINISTRATOR

Title of Person

Signature



SECTION II								DATA ON WELL COMPLETION AND LOG (Not Required on							
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 7/3/09 PERMIT NO. 682729							
26. Notice of Intention to Drill this well was filed in Name of OK ARENA OPERATING COMPANY								Rule 37 CASE NO. Exception Water injection PERMIT NO. Permit Salt Water Disposal PERMIT NO. Permit Other PERMIT NO.							
27. Number of producing wells on this lease in this field (reservoir) including this well 34				28. Total number of acres in this lease 1600											
29. Date Plug Back, Deepening, Workover or Drilling Operations:		Commenced 9/1/09		Completed 9/13/09		30. Distance to nearest well. Same Lease & Reservoir 517									
31. Location of well, relative to nearest lease boundaries of lease on which this well is located								1867 Feet from NW(CORNER) Line and 2522 Feet from EAST Line of the SOUTH FUHRMAN MASCHO UNIT Lease							
32. Elevation (DF, RKB, RT, GR, ETC.) KB 3259 DF 3258 GL 3247								33. Was directional survey made other than inclination (W-12)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No							
34. Top of Pay 4340		35. Total Depth 4907		36. P. B. Depth 4901		37. Surface Casing Determined by:		Field Rules <input type="checkbox"/>		Recommendation of T.D.W.R. Railroad Commission (Special) <input checked="" type="checkbox"/>		Dt. of Letter 12/18/07			
38. Is well multiple completion? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		39. If multiple completion, list all reservoir names (completions in this well) and Oil Lease or Gas ID No. <div style="text-align: center;">FIELD & RESERVOIR</div>								40. Intervals Drilled by:		Rotary Tools <input checked="" type="checkbox"/>		Cable Tools	
41. Name of Drilling Contractor ARENA 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		1711				755		12 1/4		SURFACE		1405	
5 1/2		15.5		4907				1000		7 7/8		SURFACE		2228	

44. LINER RECORD				
Size	TOP	Bottom	Sacks Cement	Screen

45. TUBING RECORD			46. Producing Interval (this completion) Indicate depth of perforation or open hole	
Size	Depth Set	Packer Set	From	To
2 7/8	4341		4340	4697
			From	To
			From	To
			From	To

47. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
Depth Interval	Amount and Kind of Material Used
4340 - 4697	1500 GAL ACID
	97,314 GAL GEL WATER
	200,960 # SAND

48. FORMATION RECORD (LIST DEPTHS OF PRINCIPAL GEOLOGICAL MARKERS AND FORMATION TOPS)			
Formations	Depth	Formations	Depth
RUSTLER	1695	SAN ANDRES	4406
YATES	2933		
GRAYBURG	4335		

REMARKS

**RAILROAD COMMISSION OF TEXAS
OIL AND GAS DIVISION**

Form W-12
(1-1-71)

INCLINATION REPORT (One Copy Must Be Filed With Each Completion Report.)		6. RRC District 8
1. FIELD NAME (as per RRC Records or Wildcat) Fuhrman - Mascho	2. LEASE NAME South Fuhrman Mascho Unit	7. RRC Lease Number. (Oil completions only) 21365
3. OPERATOR Ok Arena Operating Company		8. Well Number 5102
4. ADDRESS 6555 S Lewis Tulsa, OK 74136		9. RRC Identification Number (Gas completions only)
5. LOCATION (Section, Block, and Survey) Section 5 Blk 10 Survey UL		10. County Andrews

RECORD OF INCLINATION

*11. Measured Depth (feet)	12. Course Length (Hundreds of feet)	*13. Angle of Inclination* (Degrees)	14. Displacement per Hundred Feet (Sine of Angle X100)	15. Course Displacement (feet)	16. Accumulative Displacement (feet)
310	3.10	.2	.35	1.09	1.09
786	4.76	.6	1.05	5.00	5.00
1263	4.77	.7	1.22	5.82	10.82
1738	4.75	1.5	2.61	12.40	23.21
2214	4.76	1.2	2.09	9.95	33.16
2690	4.76	1.	1.75	8.33	41.49
3166	4.76	1.4	2.44	11.61	53.11
3642	4.76	1.4	2.44	11.61	64.72
4118	4.76	1.3	2.67	12.71	77.43

If additional space is needed, use the reverse side of this form.

17. Is any information shown on the reverse side of this form? ☐ yes ☒ no
18. Accumulative total displacement of well bore at total depth of 4118 feet = 77.43 feet.
- *19. Inclination measurements were made in - ☐ Tubing ☐ Casing ☒ Open hole ☐ Drill Pipe
20. Distance from surface location of well to the nearest lease line 517 feet.
21. Minimum distance to lease line as prescribed by field rules 330 feet.
22. Was the subject well at any time intentionally deviated from the vertical in any manner whatsoever? NO
- (If the answer to the above question is "yes", attach written explanation of the circumstances.)

<p>INCLINATION DATA CERTIFICATION</p> <p>I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that I have personal knowledge of the inclination data and facts placed on both sides of this form and that such data and facts are true, correct, and complete to the best of my knowledge. This certification covers all data as indicated by asterisks (*) by the item numbers on this form.</p> <p><i>H. D. Haston</i> _____ Signature of Authorized Representative H.D. Haston, General Manager</p> <p>Name of Person and Title (type or print) Arena Drilling Co.</p> <p>Name of Company 432 523-9993</p> <p>Telephone: Area Code</p>	<p>OPERATOR CERTIFICATION</p> <p>I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that I have personal knowledge of all information presented in this report, and that all data presented on both sides of this form are true, correct, and complete to the best of my knowledge. This certification covers all data and information presented herein except inclination data as indicated by asterisks (*) by the item numbers on this form.</p> <p><i>Lois A. Perry</i> _____ Signature of Authorized Representative Lois A. Perry Prod. Admin</p> <p>Name of Person and Title (type or print) OK Arena Operating Company</p> <p>Operator 918-747-6060</p> <p>Telephone: Area Code</p>
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Railroad Commission Use Only:

Approved By: _____ Title: _____ Date: _____

* Designates items certified by company that conducted the inclination surveys.

RECORD OF INCLINATION (Continued from reverse side)

[illegible]

If additional space is needed, attach separate sheet and check here. ☐

REMARKS:

- INSTRUCTIONS -

An inclination survey made by persons or concerns approved by the Commission shall be filed on a form prescribed by the Commission for each well drilled or deepened with rotary tools or when, as a result of any operation, the course of the well is changed. No inclination survey is required on wells that are drilled and completed as dry holes that are plugged and abandoned. (Inclination surveys are required on re-entry of abandoned wells.) Inclination surveys must be made in accordance with the provisions of Statewide Rule 11.

This report shall be filed in the District Office of the Commission for the district in which the well is drilled; by attaching one copy to each appropriate completion for the well. (except Plugging Report)

The Commission may require the submittal of the original charts, graphs, or discs, resulting from the surveys.

Cementor: Fill in shaded areas.
Cerator: Fill in other items.

RECEIVED

RAILROAD COMMISSION OF TEXAS
Oil and Gas Division

Form W-15
Cementing Report
Rev. 4/1/83
483-045

SEP 14 2009

1. Operator's Name (As shown on Form P-5, Organization Report) OK Arena Operating Company	2. RRC Operator No. 616981	3. RRC District No. 08	4. County of Well Site ANDREWS
5. Field Name (Wildcat or exactly as shown on RRC Records) Fuhrman-Mascho		6. API No. 42-003-41085	7. Drilling Permit No. 682729
8. Lease Name South FUHRMAN MASCHO Unit		9. Rule 37 Case No.	10. Oil Lease/Gas ID No. 21365
			11. Well No. 5102

CASING CEMENTING DATA:		SURFACE CASING	INTER-MEDIATE CASING	PRODUCTION CASING		MULTI-STAGE CEMENTING PROCESS	
				Single String	Multiple Parallel Strings	Tool	Shoe
12. Cementing Date		09/02/09					
13. Drilled Hole Size		12 1/4					
Est. % wash or hole enlargement							
14. Size of casing (In. O.D.)		8 5/8					
15. Top of Liner (ft.)							
16. Setting depth (ft.)		1711					
17. Number of centralizers used		11					
18. Hrs. Waiting on cement before drill-out		8					
1st Slurry	19. API cement used: No. of sacks	555					
	Class	C					
	Additives	see remarks					
2nd Slurry	19. API cement used: No. of sacks	200					
	Class	C					
	Additives	see remarks					
3rd Slurry	19. API cement used: No. of sacks						
	Class						
	Additives						
1st	20. Slurry pumped: Volume (cu.ft.)	1137					
	Height (ft.)	2755					
2nd	20. Slurry pumped: Volume (cu.ft.)	268					
	Height (ft.)	649					
3rd	20. Slurry pumped: Volume (cu.ft.)						
	Height (ft.)						
Total	20. Slurry pumped: Volume (cu.ft.)	1405					
	Height (ft.)	3404					
21. Was cement circulated to ground surface (or bottom of cellar) outside casing?		YES					
22. Remarks lead: 35:65:6 poz,c,gel, 5% salt, .125#/sk cf, 5#/sk lcm-1, .2% sms Tail: c, 2% cacl Circ. 62 sks/ 23 bbls. To pit							

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. (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.

ISMAEL MISQUEZ, JR.

Name and title of cementer's representative

BJ Services Company

Cementing Company

Ismael Misquez Jr.
Signature

2708 West County Road

Hobbs,

N.M.

88240

(505) 392-5556

Address

City,

State,

Zip Code

Tel: Area Code Number

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 cover all well data.

Lois A. Perry
Typed or printed name of operator's representative

Prod Admin
Title

Lois A. Perry
Signature

6555 S. Lewis
Address

City,

State,

Zip Code

918-747-6060
Tel: Area Code Number

10/26/09
Date: mo. Day yr.

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 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 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. Centralizer. 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 requirement, 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 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 cementer's 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.

Cementor: 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

RECEIVED

SEP 18 1983

1. Operator's Name (As on SEP 18 1983)	2. RRC Operator No.	3. RRC District No.	4. County of Well Site
OK Arena Operating Company	616981	08	ANDREWS
5. Field Name (Wildcat or exactly as shown on RRC Records)	6. API No.	7. Drilling Permit No.	
Fuhrman-Mascho	42-003-41085	682729	
8. Lease Name	9. Rule 37 Case No.	10. Oil Lease/Gas ID No.	11. Well No.
South Fuhrman Mascho Unit		21365	5102

CASING CEMENTING DATA:		SURFACE CASING	INTER-MEDIATE CASING	PRODUCTION CASING		MULTI-STAGE CEMENTING PROCESS	
				Single String	Multiple Parallel Strings	Tool	Shoe
12. Cementing Date				09/13/09			
13. Drilled Hole Size				7 7/8			
Est. % wash or hole enlargement							
14. Size of casing (in. O.D.)				5 1/2			
15. Top of Liner (ft.)							
16. Setting depth (ft.)				4907			
17. Number of centralizers used				6			
18. Hrs. Waiting on cement before drill-out				72			
1st Slurry	19. API cement used: No. of sacks			800			
	Class			c			
	Additives			see remarks			
2nd Slurry	19. API cement used: No. of sacks			200			
	Class			c			
	Additives			see remarks			
3rd Slurry	19. API cement used: No. of sacks						
	Class						
	Additives						
1st	20. Slurry pumped: Volume (cu.ft.)			1968			
	Height (ft.)			11313			
2nd	20. Slurry pumped: Volume (cu.ft.)			260			
	Height (ft.)			1500			
3rd	20. Slurry pumped: Volume (cu.ft.)						
	Height (ft.)						
Total	20. Slurry pumped: Volume (cu.ft.)			2228			
	Height (ft.)			12813			
21. Was cement circulated to ground surface (or bottom of cellar) outside casing?				yes			
22. Remarks lead:50:50:10, poz.c.gel w/5% salt. 125#/sk cf.5#/sk lcm-1, .05% asa-301, .2% fl-52a. tail: 50:50:2 poz.c.gel w/5% salt. .4% fl-25. CIRC. 67 SKS/ 29 BBLs TO PIT							

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.)								
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30. Slurry wt. (lb/gal)								
31. Type cement								

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ISMAEL MISQUEZ, JR.

Name and title of cementer's representative

BJ Services Company

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Lois A. Perry

Typed or printed name of operator's representative

Prod Admin

Title

Lois A. Perry
Signature

6555 S. Lewis

Tulsa

OK

74136

918-747-6060

10/26/09

Address

City,

State,

Zip Code

Tel: Area Code Number

Date: mo. Day yr.

Instructions to Form W-15, Cementing Report

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- D. Centralizer. Surface Casing must be centralized at the shoe, above and below a stage collar or diverter 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 collar. 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 requirement, 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 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 cementer's 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.

Jan. 29. 2008 9:04AM

No. 1840 P. 2

DEPTH OF USABLE-QUALITY GROUND WATER TO BE PROTECTED

PLEASE READ ALL INSTRUCTIONS

The information requested is essential in order for this agency to provide an appropriate response. Please allow for receipt of this form in our offices at least two weeks before your operation begins. Due to the volume of these requests, at times, it may be difficult for us to handle telephone inquiries. Complete, keep the bottom sheet (goldenrod) for your files, and mail the top 3 sheets of the 4-sheet set of carbon-backed forms with a map to the address below. One sheet bearing our response will be returned to you. Another will be sent to the appropriate district office of the Railroad Commission. Individuals are entitled to request and review their personal information that the agency gathers on its forms. If you have questions on how to fill out this form or about the Surface Casing program, please contact us at 512/238-0515.

Surface Casing - MC 151

TCEQ

P.O. Box 13087

Austin, TX 78711-3087

Date 12-18-07

TCEQ File No.: SC-

12486

Name of person preparing this request & phone No. (with area code)

Company (operator's name as on RRC form W-1)

Mailing Address

City and State

ZIP Code

ALWAYS INCLUDE A MAP SHOWING YOUR WELL SITE AND ALL SURROUNDING SURVEYS

COUNTY <u>Andrews</u>	Survey Name <u>University Lands</u>
Block No. <u>10</u> Township _____	Section or Survey No. <u>5</u> (or) Lot No. _____
Abstract No. A- _____ LEASE Name <u>All</u>	Well No. <u>211</u>
Distances, in feet, and directions measured at right angles from each of two intersecting _____ <input type="checkbox"/> Section or <input type="checkbox"/> Survey lines	
(NOT LEASE LINES) _____ feet from _____ line and _____ feet from _____ line.	
Distance (in miles) and direction from a nearby town in this County (name the town) <u>15 miles West of Andrews</u>	
THE ABOVE INFORMATION IN THIS BLOCK MUST BE COMPLETE AND CORRECT	
API # _____	RRC Lease No. <u>21365</u> RRC Dist. No. <u>8</u>
GPS Coord. (long/lat or X-Y state plane) _____	NAD _____

Elevation Variable Total Depth Variable Geologic Fm. at T.D. San AndresPurpose of the Request: ☒ New Drill ☐ Re-entry ☐ Plug & Abandon ☐ Other (specify) _____Is this an amended request? ☐ Yes ☒ No Previous File No. for this well: SC- _____☒ Log included of same or nearby well (The applicable type of well log that shows the aquifers.) Please provide a location map or API# for attached log.

ALWAYS attach the electric log of any well that is to be reentered.

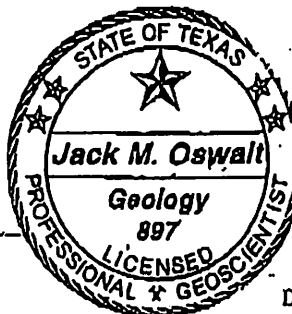
Additional remarks: _____

To protect usable-quality ground water at this location, the TEXAS COMMISSION ON ENVIRONMENTAL QUALITY recommends:

CO-ANDREWS, SUR-UL, BLK-10, SEC-5, LSE-ALL, #11,39/250, ZONE, 1150, 1550; SECTION 5

The interval from the land surface to a depth of 250 feet, and the ZONE from 1150 to 1550 feet must be protected.

This recommendation is applicable for all wells drilled in this SECTION 5.



Very truly yours,

Jack M. Oswalt, P.G.

Date

January 4, 2008

Geologist, Surface Casing, TCEQ

typed by TCEQ

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 ground water 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 operations into a nonproductive zone (RRC Form W-14).

TCEQ-0051 (Rev. 05-10-2008)

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