

Type or print only

RAILROAD COMMISSION OF TEXAS
Oil and Gas Division

U.T. LANDS

Form W-2

Rev. 4/1/83

JUL 27 2009

EAG0897

API No. 42-003-40990

7. RRC District No.

8

8. RRC Lease No.

27895

Oil Well Potential Test, Completion or Recompletion Report, and Log

1. FIELD NAME (as per RRC Records or Wildcat)

Fuhrman-Mascho

2. LEASE NAME

University 7N

9. Well No.

6

3. OPERATOR'S NAME (Exactly as shown on P-5, Organization Report)

OK Arena Operating Company

RRC Operator No.

616981

10. County of well site

Andrews

4. ADDRESS

6555 S. Lewis Ave., Tulsa, OK 74136

11. Purpose of filing

Initial Potential



Retest



Reclass

Well record only
(explain in Remarks)

6a. Location (Section, Block, and Survey)

Sec 7 Blk 10 UL

6b. Distance and direction to nearest town in this county.

19 miles SW direction from Andrews

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

Compensated Neutron Gamma Ray OCL

14. Completion or recompletion date

6/11/09

SECTION I: POTENTIAL TEST DATA

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

15. Date of test 7/3/09	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 399	Gas - MCF 0	Water - BBLS 201	Gas - Oil Ratio	Flowing Tubing Pressure PSI
20. Calculated 24-Hour Rate Oil - BBLS 399	Gas - MCF 0	Water - BBLS 201	Oil Gravity - API - 60° 35	Casing Pressure 40 PSI
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.

BY:

Anita Adams

Typed or printed name of operator's representative

918 281-6658

Telephone: Area Code Number

7 / 23 / 09

Date: mo. day year

Production Administrator

Title of Person

Signature

Anita Adams

ENTERED
JUL 27 2009
BY:

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 3/16/09 PERMIT NO. 679189 Rule 37 CASE NO. Exception Water injection PERMIT NO. Permit Salt Water Disposal PERMIT NO. Permit Other PERMIT NO.			
26. Notice of Intention to Drill this well was filed in Name of OK Arena Operating Company				FILED MAR 23 2009 U.S. DEPT. OF THE INTERIOR BUREAU OF LAND MANAGEMENT			
27. Number of producing wells on this lease in this field (reservoir) including this well 7		28. Total number of acres in this lease 320					
29. Date Plug Back, Deepening, Workover or Drilling Operations Commenced 4/5/08 Completed 4/9/08		30. Distance to nearest well. Same Lease & Reservoir 811					
31. Location of well, relative to nearest lease boundaries of lease on which this well is located 966 Feet from East Line and 1234 Feet from South Line of the University 7N Lease				32. Elevation (DF, RKB, RT, GR, ETC.) KB 3266; DF 3265; GL 3255 33. Was directional survey made other than inclination (W-12)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
34. Top of Pay 4354	35. Total Depth 4800	36. P. B. Depth 4747	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 6/2/05 Dt. of Letter			
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. FIELD & RESERVOIR			40. Intervals Drilled by: Rotary Tools <input checked="" type="checkbox"/> Cable Tools		
41. Name of Drilling Contractor Arena Drilling Co.		42. Is Cementing Affidavit Attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No					

44. LINER RECORD				
Size	TOP	Bottom	Sacks Cement	Screen

44. LINER RECORD			45. TUBING RECORD		46. Producing Interval (this completion) Indicate depth of perforation or open hole	
Size	TOP	Bottom	Sacks Cement	Screen	Size	Depth Set
					2 7/8	4660

47. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
Depth Interval	Amount and Kind of Material Used
4354 - 4613	2000 gal acid; 120,498 gal gel wtr; 17,000# sand

48. FORMATION RECORD (LIST DEPTHS OF PRINCIPAL GEOLOGICAL MARKERS AND FORMATION TOPS)			
Formations	Depth	Formations	Depth
Rustler	1678	San Andres	4422
Yates	2930		
Grayburg	4163		

REMARKS

RECEIVED

APR 17 2009

BY:

RAILROAD COMMISSION OF TEXAS
OIL AND GAS DIVISIONForm W-12
(1-1-71)

INCLINATION REPORT (One Copy Must Be Filed With Each Completion Report.)		6. RRC District 8
		7. RRC Lease Number. (Oil completions only) 27895
1. FIELD NAME (as per RRC Records or Wildcat) Fuhrman - Mascho	2. LEASE NAME University 7N	8. Well Number 6
3. OPERATOR Ok Arena Operating Company		9. RRC Identification Number (Gas completions only)
4. ADDRESS 6555 S Lewis Ave., Tulsa, OK 74136		10. County Andrews
5. LOCATION (Section, Block, and Survey) Section 7 Blk 10 Survey UL		

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)
262	2.62	1/4	.44	1.15	1.15
747	4.85	1	1.75	8.49	9.64
1215	4.68	1	1.75	8.19	17.83
1713	4.98	1	1.75	8.72	26.55
2088	3.75	3/4	1.31	4.91	31.46
2588	5.00	1 1/4	2.18	10.90	42.36
3085	4.97	1 1/4	2.18	10.83	53.19
3556	4.71	1	1.75	8.24	61.43
4026	4.70	3/4	1.31	6.16	67.59
4400	3.74	3/4	1.31	4.90	72.49

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 4400 feet = 72.49 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 966 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.)

INCLINATION DATA CERTIFICATION

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.

H. D. Haston
 Signature of Authorized Representative
 H.D. Haston, General Manager

Name of Person and Title (type or print)
 Arena Drilling Co.

Name of Company 432 523-9993

Telephone: Area Code

OPERATOR CERTIFICATION

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.

Anita Adams
 Signature of Authorized Representative
 ANITA ADAMS - PROD. ADMIN.
 Name of Person and Title (type or print)
 OK ARENA OPERATING CO.

Operator 918 281-6658
 Telephone: Area Code

Railroad Commission Use Only:

Approved By: Title: Date:

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

1. Operator's Name (As shown on Form P-5, Organization Report) OK Arena Operating Co.	2. RRC Operator No. 616981	3. RRC District No. 8	4. County of Well Site Andrews
5. Field Name (Wildcat or exactly as shown on RRC Records) FUHRMAN - MASCHO	6. API No. 42-003-40990	7. Drilling Permit No. 679189	
8. Lease Name University 7N	9. Rule 37 Case No.	10. Oil Lease/Gas ID No. 27895	11. Well No. #6

CASING CEMENTING DATA:		SURFACE CASING	INTER- MEDIATE CASING	PRODUCTION CASING		MULTI-STAGE CEMENTING PROCESS	
				Single String	Multiple Parallel Strings	Tool	Shoe
12. Cementing Date		04/06/09					
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.)		1684					
17. Number of centralizers used		10					
18. Hrs. Waiting on cement before drill-out		10 3/4					
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	C+ 2% CACL					
3rd Slurry	19. API cement used: No. of sacks						
	Class						
	Additives						
1st	20. Slurry pumped: Volume (cu.ft.)	1138					
	Height (ft.)	2757					
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.)	1406					
	Height (ft.)	3406					
21. Was cement circulated to ground surface (or bottom of cellar) outside casing?		Yes					
Remarks: Lead Slurry 35:65:6 (Poz:C:Gel) + 5% Salt + 0.125#/sk Cello Flake + 5%/Sk LCM-1							
Circulated bbls 12, 32 Sks to the Pit							

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

1. Operator's Name (As shown on Form P-5, Organization Report) OK ARENA OPERATING CO.	2. RRC Operator No. 616981	3. RRC District No. B	4. County of Well Site ANDREWS
5. Field Name (Wildcat or exactly as shown on RRC Records) FURMAN - MASCHO	6. API No. 42-003-40990	7. Drilling Permit No. 679189	
9. Rule 37 Case No. UNIVERSITY 7N		10. Oil Lease/Gas ID No. 27895	11. Well No. #6

CASING CEMENTING DATA:		SURFACE CASING	INTER-MEDIATE CASING	PRODUCTION CASING		MULTI-STAGE CEMENTING PROCESS	
				Single String	Multiple Parallel Strings	Tool	Shoe
12. Cementing Date				04/09/09			
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.)				4800			
17. Number of centralizers used				6			
18. Hrs. Waiting on cement before drill-out				72			
1 st Slurry	19. API cement used: No. of sacks			800			
	Class			C			
	Additives			SEE REMARKS			
2 nd Slurry	19. API cement used: No. of sacks			200			
	Class			C			
	Additives			SEE REMARKS			
3 rd Slurry	19. API cement used: No. of sacks						
	Class						
	Additives						
1 st	20. Slurry pumped: Volume (cu.ft.)			1960			
	Height (ft.)			11313			
2 nd	20. Slurry pumped: Volume (cu.ft.)			260			
	Height (ft.)			1500			
3 rd	20. Slurry pumped: Volume (cu.ft.)						
	Height (ft.)						
Total	20. Slurry pumped: Volume (cu.ft.)			2220			
	Height (ft.)			12813			
21. Was cement circulated to ground surface (or bottom of cellar) outside casing?				YES			

REMARKS Circulated- 30 BBLS, 69 SX TO SURFACE.

LEAD SLURRY- 50:50:10:POZ:C:GEL+:.2%FL-52A+5%SALT+.125#SX CF+5#SX LCM-1+.05%ASA-301

TAIL SLURRY- 50:50:2:C:GEL+.4%FL-25+5%SALT

PLEASE
DO NOT STAPLE

DEPTH OF USABLE-QUALITY GROUND WATER TO 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 of them will be returned to you bearing our response and one will be sent to the appropriate district office of the Railroad Commission. For questions, phone: 512/239-0515.

Surface Casing - MC 151
TNRCC
P.O. Box 13087
Austin, TX 78711-3087

Date 6-2-05

TNRCC File No.: SC-

11555

Ed Hollaway 918-747-6060

Name of person preparing this request & telephone no. w/AC

OK Arena Operating Co.

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

4920 S. Lewis, Suite 107

Mailing Address

Tulsa, OK 74105

City and State

Zip Code

FOR TNRCC USE ONLY

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

COUNTY <u>Andrews</u>	Survey Name <u>ULS</u>
Block No. <u>10</u>	Township _____
Section or Survey No. <u>7</u>	(or) Lot No. _____
Abstract No. <u>A</u>	LEASE Name <u>Section 7</u>
Well No. <u>A11</u>	
Distances, in feet, and directions measured at right angles from each of two intersecting Section or 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. _____
GPS Coord. _____	RRC Dist. No. _____

Elevation Various Total Depth Various Geologic Fm. At T.D. San Andres

Purpose of the Request: ☒ New Drill ☐ Re-entry ☐ Plug & Abd. ☐ 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.)

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

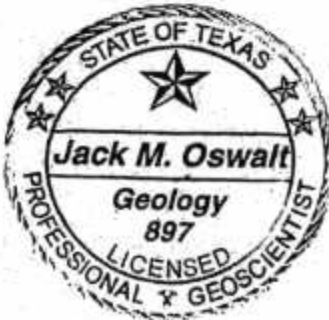
Additional remarks: _____

The TEXAS NATURAL RESOURCE CONSERVATION COMMISSION'S recommendation for the protection of usable-quality ground water at the referenced location is as follows:

CO-ANDREWS, SUR-UL, BLK-10, SEC-7, LSE-SECTION 7, #11, 39/250, ZONE, 1100, 1500; SECTION 7...

The interval from the land surface to a depth of 250 feet, and the ZONE from 1100 to 1500 feet must be protected.

This recommendation is applicable for all wells drilled in this SECTION 7.



Very truly yours,

Jack M. Oswalt, P.G.

Date

June 8, 2005

typed by TNRCC

Geologist, Surface Casing, TNRCC

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 and does not apply to salt water disposal operations into a nonproductive zone (RRC Form W-14). TNRCC-0051 (Rev. 01-14-2002)

FOLD

Individuals are entitled to request and review personal information that the agency gathers on its forms. They may also have any errors in their information corrected. To review such information, contact us at 512/239-3282. If you have questions on how to fill out this form or about the Surface Casing program, please contact us at 512/239-0515.

TYPE OR PRINT IN INK

DO NOT WRITE HERE
FOR TNRCC USE ONLY