

Serial: 8037 Spud: 09/1/07 WLC: 380e1

API No. <u>42-003-40189</u> Drilling Permit # <u>640060</u> SWR Exception Case/Docket No. _____	<b>RAILROAD COMMISSION OF TEXAS</b> <b>OIL &amp; GAS DIVISION</b> <b>APPLICATION FOR PERMIT TO DRILL, RECOMPLETE, OR RE-ENTER</b> <i>This facsimile W-1 was generated electronically from data submitted to the RRC.</i> <i>A certification of the automated data is available in the RRC's Austin office.</i>	<b>FORM W-1</b> 07/2004 Permit Status: <b>Approved</b>
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1. RRC Operator No. <u>616981</u>	2. Operator's Name (as shown on form P-5, Organization Report) <b>OK ARENA OPERATING COMPANY</b>	3. Operator Address (include street, city, state, zip):
4. Lease Name <u>UNIVERSITY 47A</u>	5. Well No. <u>10</u>	

**GENERAL INFORMATION**

6. Purpose of filing (mark ALL appropriate boxes):  
 New Drill     Recompletion     Reclass     Field Transfer     Re-Enter  
 Amended     Amended as Drilled (BHL) (Also File Form W-1D)

7. Wellbore Profile (mark ALL appropriate boxes):  
 Vertical     Horizontal (Also File Form W-1H)     Directional (Also File Form W-1D)     Sidetrack

8. Total Depth 4900    9. Do you have the right to develop the minerals under any right-of-way?  Yes  No    10. Is this well subject to Statewide Rule 36 (hydrogen sulfide area)?  Yes  No

**SURFACE LOCATION AND ACREAGE INFORMATION**

11. RRC District No. 08    12. County ANDREWS    13. Surface Location  Land     Bay/Estuary     Inland Waterway     Offshore

14. This well is to be located 13 miles in a W direction from ANDREWS which is the nearest town in the county of the well site.

15. Section 47    16. Block 13    17. Survey UL    18. Abstract No. A-    19. Distance to nearest lease line: 330 ft.    20. Number of contiguous acres in lease, pooled unit, or unitized tract: 321.85

21. Lease Perpendiculars: 2375 ft from the SOUTH line and 330 ft from the EAST line.  
 22. Survey Perpendiculars: 2375 ft from the SOUTH line and 2314 ft from the EAST line.

23. Is this a pooled unit?  Yes  No    24. Unitization Docket No: \_\_\_\_\_    25. Are you applying for Substandard Acreage Field?  Yes (attach Form W-1A)  No

**FIELD INFORMATION** List all fields of anticipated completion including Wildcat. List one zone per line.

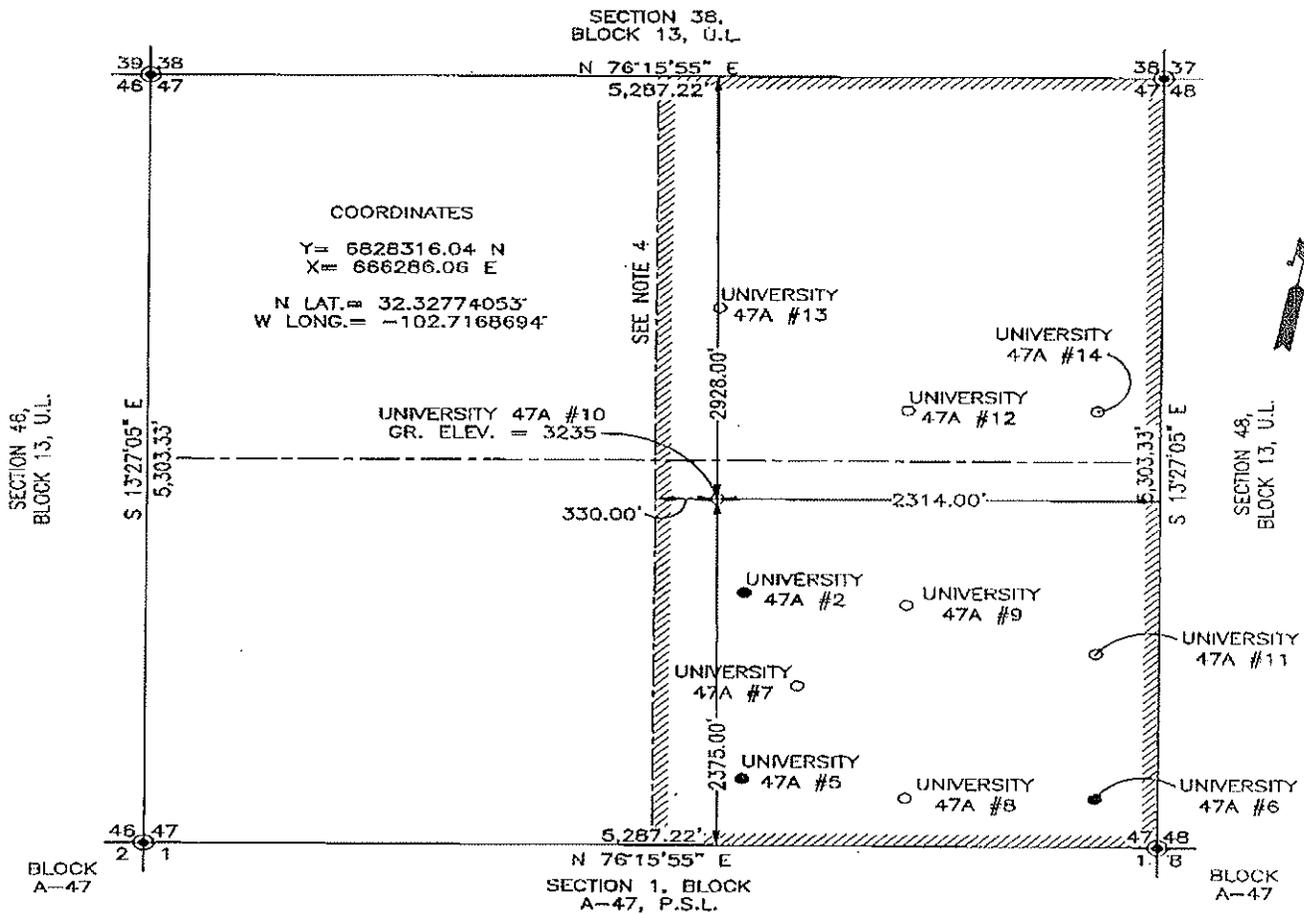
26. RRC District No.	27. Field No.	28. Field Name (exactly as shown in RRC records)	29. Well Type	30. Completion Depth	31. Distance to Nearest Well in this Reservoir	32. Number of Wells on this lease in this Reservoir
08	33176001	FUHRMAN-MASCHO	Oil Well	4900	660.00	10

**BOTTOMHOLE LOCATION INFORMATION** is required for DIRECTIONAL, HORIZONTAL, AND AMENDED AS DRILLED PERMIT APPLICATIONS

<b>Remarks</b>  	<p style="text-align: center;"><b>Certificate:</b></p> <p>I certify that information stated in this application is true and complete, to the best of my knowledge.</p> <p><u>Anita Adams, Production Administrator</u>    <u>Jun 04, 2007</u>          Name of filer    Date submitted</p> <p><u>(918)7476060</u>    <u>aadams@arenaresourcesinc.com</u>          Phone    E-mail Address (OPTIONAL)</p>
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**RRC Use Only**    Data Validation Time Stamp: Oct 9, 2007 9:19 AM (Current Version)

# SECTION 47, BLOCK 13, UNIVERSITY LAND ANDREWS COUNTY, TEXAS



COORDINATES  
 Y= 6828316.04 N  
 X= 666286.06 E  
 N LAT.= 32.32774053°  
 W LONG.= -102.7168694°

### ADJACENT WELLS

NAME:	DISTANCE:
UNIVERSITY 47A #2	660.00'
UNIVERSITY 47A #5	1922.00'
UNIVERSITY 47A #6	2842.00'
UNIVERSITY 47A #7	1350.00'
UNIVERSITY 47A #8	2269.00'
UNIVERSITY 47A #9	1227.00'
UNIVERSITY 47A #11	2242.00'
UNIVERSITY 47A #12	1173.00'
UNIVERSITY 47A #13	1318.00'
UNIVERSITY 47A #14	2081.00'

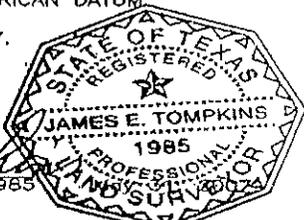
### LEGEND

- DENOTES PROPOSED WELL LOCATION
- DENOTES EXISTING WELL
- ⊙ DENOTES FOUND MONUMENT AS NOTED
- ⊗ DENOTES CALCULATED CORNER
- DENOTES LEASE LINE
- - - DENOTES 1/2 SECTION LINE
- DENOTES TANK BATTERY

### NOTES:

- THIS LOCATION IS APPROXIMATELY 13.0 MILES WEST/NORTHWEST OF ANDREWS, TEXAS.
- SEE DOCUMENTS FILED FOR RECORD IN THIS OFFICE, WHICH DESCRIBE THE RECONSTRUCTION OF THIS SECTION.
- BEARING DISTANCES AND COORDINATES ARE RELATIVE TO THE TEXAS STATE PLANE COORDINATE SYSTEM, NORTH CENTRAL ZONE, 1983 NORTH AMERICAN DATUM.
- LEASE = E/2 OF SECTION 47.

*James E. Tompkins*  
 James E. Tompkins, R.P.L.S., No. 1985



**WEST TEXAS CONSULTANTS, INC.**  
 ENGINEERS • PLANNERS • SURVEYORS  
 1715 W. BRIDGEMAN  
 AMARILLO, TEXAS 79714  
 (806) 323-2181

## OK ARENA OPERATING COMPANY

UNIVERSITY 47A #10  
 LOCATED 2,375 FEET FROM THE SOUTH LINE AND 2,314 FEET  
 FROM THE EAST LINE OF SECTION 47, BLOCK 13, U.L.,  
 ANDREWS COUNTY, TEXAS.

SURVEY DATE: 05-30-07	SHEET 1 OF 1 SHEETS
W.O. NUMBER:	DRAWN BY: J.T.A.
DATE: 05-31-07	WTC47480
	SCALE: 1" = 1000'



# 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 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- 11551

Ed Holway 918-747-6060  
 Name of person preparing this request & telephone no. w/AC

OK Anna Operating Co.  
 Company (operator's name as on RRC form W-1)

4420 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>PSL</u>	
Block No. <u>A-47</u>	Township _____	Section or Survey No. <u>13</u>	(or) Lot No. _____
Abstract No. A- _____	LEASE Name <u>Section 13</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>1.5 miles west of Andrews.</u>			
<b>THE ABOVE INFORMATION IN THIS BLOCK MUST BE COMPLETE AND CORRECT</b>			
API # _____	RRC Lease No. _____	RRC Dist. No. _____	
GPS Coord. _____			

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.

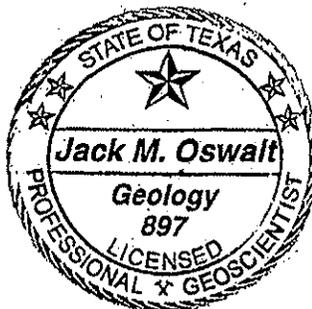
Additional remarks: \_\_\_\_\_

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-PSL, BLK-A47, SEC-13, LSE-SECTION 13, #11, 39/250, ZONE, 1200, 1600; SECTI...**

The interval from the land surface to a depth of 250 feet, and the ZONE from 1200 to 1600 feet must be protected.

This recommendation is applicable for all wells drilled in this SECTION 13.



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)

PLEASE DO NOT STAPLE

FOLD

Individuals are entitled to request and review their 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

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DO NOT WRITE HERE FOR TNRCC USE ONLY