

API No. <u>42-003-45716</u> Drilling Permit # <u>771578</u> SWR Exception Case/Docket No. <u>08-0285265 (R38)</u>	RAILROAD COMMISSION OF TEXAS OIL & GAS DIVISION APPLICATION FOR PERMIT TO DRILL, RECOMPLETE, OR RE-ENTER <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>	FORM W-1 07/2004 Permit Status: Approved				
1. RRC Operator No. 252131	2. Operator's Name (as shown on form P-5, Organization Report) ENERVEST OPERATING, L.L.C.	3. Operator Address (include street, city, state, zip):				
4. Lease Name UNIVERSITY 7-18	5. Well No. 8					
GENERAL INFORMATION						
6. Purpose of filing (mark ALL appropriate boxes): <input checked="" type="checkbox"/> New Drill <input type="checkbox"/> Recompletion <input type="checkbox"/> Reclass <input type="checkbox"/> Field Transfer <input type="checkbox"/> Re-Enter <input type="checkbox"/> Amended <input type="checkbox"/> Amended as Drilled (BHL) (Also File Form W-1D)						
7. Wellbore Profile (mark ALL appropriate boxes): <input checked="" type="checkbox"/> Vertical <input type="checkbox"/> Horizontal (Also File Form W-1H) <input type="checkbox"/> Directional (Also File Form W-1D) <input type="checkbox"/> Sidetrack						
8. Total Depth 13000	9. Do you have the right to develop the minerals under any right-of-way? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10. Is this well subject to Statewide Rule 36 (hydrogen sulfide area)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
SURFACE LOCATION AND ACREAGE INFORMATION						
11. RRC District No. 08	12. County ANDREWS	13. Surface Location <input checked="" type="checkbox"/> Land <input type="checkbox"/> Bay/Estuary <input type="checkbox"/> Inland Waterway <input type="checkbox"/> Offshore				
14. This well is to be located <u>19.5</u> miles in a <u>NE</u> direction from <u>Andrews, TX</u> which is the nearest town in the county of the well site.						
15. Section 18	16. Block 7	17. Survey UL				
18. Abstract No. A-U199	19. Distance to nearest lease line: 535 ft.	20. Number of contiguous acres in lease, pooled unit, or unitized tract: 80				
21. Lease Perpendiculars: <u>535</u> ft from the <u>WEST</u> line and <u>660</u> ft from the <u>NORTH</u> line.						
22. Survey Perpendiculars: <u>535</u> ft from the <u>WEST</u> line and <u>660</u> ft from the <u>NORTH</u> line.						
23. Is this a pooled unit? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	24. Unitization Docket No:	25. Are you applying for Substandard Acreage Field? <input type="checkbox"/> Yes (attach Form W-1A) <input checked="" type="checkbox"/> 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	85280300	SPRABERRY (TREND AREA)	Oil or Gas Well	13000	1390.00	2
08	11751400	BREEDLOVE (STRAWN)	Oil Well	13000	0.00	1
08	55256568	LOWE (MISS.)	Oil or Gas Well	13000	0.00	1
08	55256030	LOWE (ATOKA)	Oil or Gas Well	13000	0.00	1
BOTTOMHOLE LOCATION INFORMATION is required for DIRECTIONAL, HORIZONTAL, AND AMENDED AS DRILLED PERMIT APPLICATIONS						
Remarks [FILER Oct 10, 2013 4:00 PM]: SWR38, see attached plat & waivers				Certificate: I certify that information stated in this application is true and complete, to the best of my knowledge. <u>Denise Scolaro, Regulatory Analyst</u> <u>Oct 10, 2013</u> Name of filer Date submitted <u>(713)4956533</u> <u>dscolaro@enervest.net</u> Phone E-mail Address (OPTIONAL)		
RRC Use Only Data Validation Time Stamp: Oct 21, 2013 10:48 AM(Current Version)						

Groundwater
Advisory Unit

GROUNDWATER PROTECTION DETERMINATION

Date **October 22, 2013**

GAU File No.: SC- **16141**

***** EXPEDITED APPLICATION *****

API Number **00345716**

Attention: **DENISE SCOLARO**

RRC Lease No. **000000**

SC_252131_00345716_000000_16141.pdf

**ENERVEST OPERATING LLC
1001 FANNIN ST
STE 800
HOUSTON TX 77002**

--Measured--

535 ft FWL

660 ft FNL

MRL:SECTION

Digital Map Location:

X-coord/Long **541659**

Y-coord/Lat **300572**

Datum **27** Zone **NC**

P-5# 252131

County **ANDREWS**

Lease & Well No. **UNIVERSITY 7-18 #8**

Purpose **ND**

Location **SUR-UL,BLK-7,SEC-18,--[TD=13000],[RRC 08],**

To protect usable-quality groundwater at this location, the Groundwater Advisory Unit of the Texas Railroad Commission recommends:

The interval from the land surface to a depth of 300 feet and the zone from 1400 feet to 1750 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. 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 512-463-2741, gau@rrc.state.tx.us, or by mail.

Sincerely,

Digitally signed by George Dunfield
DN: cn=US, st=TEXAS, l=Austin, o=Railroad
Commission of Texas, ou=Groundwater
Advisory Unit, cn=George Dunfield,
email=george.dunfield@rrc.state.tx.us
Date: 2013.10.22 16:36:50 -0500

George Dunfield, P.G.

GEOLOGIST SEAL



Geologist, Groundwater Advisory Unit
Oil & Gas Division

The seal appearing on this document was authorized by George Dunfield on 10/22/2013
Note: Alteration of this electronic document will invalidate the digital signature.

ENERVEST OPERATING, L.L.C.

LEASE NAME & WELL NO.:
UNIVERSITY 7-18 #8

TOPOGRAPHY & VEGETATION:
NATURAL MESQUITE PASTURE

NEAREST TOWN IN COUNTY:
±19.5 MILES NORTHEAST OF ANDREWS, TEXAS

DESCRIPTION:
**SECTION 18, BLOCK 7, UNIVERSITY LAND
ANDREWS COUNTY, TEXAS**



This location has been very carefully staked on the ground according to the best official survey records, maps, and other data available to us. This plat does not in any way represent a "Boundary Survey", and does not comply with correct T.B.P.L.S. Minimum Standards of Procedures for Boundary Surveys.

CERTIFICATION:



William J. Keating
Texas Reg. No. 5041

I, William J. Keating, a Registered Professional Land Surveyor, and an authorized agent of Topographic Land Surveyors, do hereby certify that the above described well location was surveyed and staked on the ground as shown herein. This plat is for Texas Railroad Commission permitting only.

Surface Hole Location:

660' FNL & 535' FWL
SHL Ground Elevation: 2949'
NAD 27 TX-NC ZONE
X = 541659
Y = 300572
LAT.: N 32.4026636
LONG.: W 102.2266368
NAD 83 TX-NC ZONE
X = 818442
Y = 6849876
LAT.: N 32.4027700
LONG.: W 102.2270687

LEGEND:

- x — Fence
- E — Powerline
- O — Calculated Corn.
- P — Pipeline
- == == == Lease Road

ORIGINAL DOC. SIZE: 8.5"x14"

SCALE:	1" = 1000'
DATE:	SEPTEMBER 9, 2013
COGO:	761-104989
LO_UNIVERSITY7_18_8_REV1	
DRAWN BY:	ACP; 9-16-13

REV#	BY	DATE REVISED
1	ACP	9-20-13

