

Groundwater
Advisory Unit

GROUNDWATER PROTECTION DETERMINATION

Date January 23, 2014

GAU File No.: SC- 5014

API Number 38934097

Attention: JENIFER SORLEY

RRC Lease No. 000000

SC_252002_38934097_000000_5014.pdf

--Measured--

ENERGEN RESOURCES CORP
3300 N A ST
BLDG 4 STE 100
MIDLAND TX 79705

900 ft FEL
1980 ft FSL
MRL:SECTION

Digital Map Location:	
X-coord/Long	<u>103.95066</u>
Y-coord/Lat	<u>31.53037</u>
Datum	<u>83</u> Zone

P-5# 252002

County REEVES

Lease & Well No. RANGER 56-40 #1D

Purpose ND

Location SUR-PSL, BLK-56, SEC-40, -- [TD=5200] , [RRC 8] ,

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

Water-bearing strata from the land surface to a depth of 400 feet and the RUSTLER, which is estimated to occur from 1000 to 1500 feet must be protected.

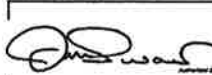
The BASE OF UNDERGROUND SOURCES OF DRINKING WATER (USDW) is estimated to occur at a depth of 1500 feet at the site of the referenced well.

Please send this office the gamma ray/porosity log when available.

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 Jack Oswalt
 DN: c=US, st=TEXAS, l=Austin, o=Railroad
 Commission of Texas, ou=Groundwater
 Advisory Unit, cn=Jack Oswalt,
 email=jack.oswalt@rrc.state.tx.us
 Date: 2014.01.23 11:01:13 -0600

Jack M. Oswalt, P.G.

GEOLOGIST SEAL



Geologist, Groundwater Advisory Unit
Oil & Gas Division

The seal appearing on this document was authorized by Jack M. Oswalt on 1/23/2014
Note: Alteration of this electronic document will invalidate the digital signature.