

API No. <u>42-135-42937</u>		RAILROAD COMMISSION OF TEXAS OIL & GAS DIVISION				FORM W-1 07/2004		
Drilling Permit # <u>779267</u>		APPLICATION FOR PERMIT TO DRILL, RECOMPLETE, OR RE-ENTER				Permit Status: Approved		
SWR Exception Case/Docket No. _____		<i>This facsimile W-1 was generated electronically from data submitted to the RRC. A certification of the automated data is available in the RRC's Austin office.</i>						
1. RRC Operator No. <u>252002</u>		2. Operator's Name (as shown on form P-5, Organization Report) ENERGEN RESOURCES CORPORATION			3. Operator Address (include street, city, state, zip):			
4. Lease Name EAST PENWELL SAN ANDRES UNIT			5. Well No. <u>1125</u>					
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 <u>4000</u>		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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
SURFACE LOCATION AND ACREAGE INFORMATION								
11. RRC District No. <u>08</u>		12. County <u>ECTOR</u>		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>1.2</u> miles in a <u>S</u> direction from <u>PENWELL, TX</u> which is the nearest town in the county of the well site.								
15. Section <u>1</u>		16. Block <u>35</u>		17. Survey <u>UL</u>		18. Abstract No. <u>A-U1</u>	19. Distance to nearest lease line: <u>3713</u> ft.	20. Number of contiguous acres in lease, pooled unit, or unitized tract: <u>3909</u>
21. Lease Perpendiculars: <u>7432</u> ft from the <u>NORTH</u> line and <u>3713</u> ft from the <u>WEST</u> line.								
22. Survey Perpendiculars: <u>1635</u> ft from the <u>SOUTH</u> line and <u>1621</u> ft from the <u>EAST</u> line.								
23. Is this a pooled unit? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		24. Unitization Docket No: <u>08-91962</u>		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	70537001	PENWELL			Oil Well	4000	461.00	155
BOTTOMHOLE LOCATION INFORMATION is required for DIRECTIONAL, HORIZONTAL, AND AMENDED AS DRILLED PERMIT APPLICATIONS								
Remarks					Certificate:			
					I certify that information stated in this application is true and complete, to the best of my knowledge.			
					<u>Delia Skinner, Regulatory Analyst</u>		<u>Feb 07, 2014</u>	
					Name of filer		Date submitted	
RRC Use Only					<u>(432)6843692</u>		<u>midlandrrc@energen.com</u>	
Data Validation Time Stamp: Mar 3, 2014 9:23 AM (Current Version)					Phone		E-mail Address (OPTIONAL)	

**RAILROAD COMMISSION OF TEXAS
OIL & GAS DIVISION
SWR #13 Formation Data**

ECTOR (135) County

Formation	Shallow Top	Deep Top	Remarks	Geological Order	Effective Date
SANTA ROSA BASE	1,350	1,450		1	12/17/2013
YATES	2,000	3,000		2	12/17/2013
SEVEN RIVERS	3,970	3,970		3	12/17/2013
QUEEN	3,000	4,370		4	12/17/2013
GRAYBURG	3,550	4,400		5	12/17/2013
SAN ANDRES	3,400	4,600	high flows, H2S, corrosive	6	12/17/2013
HOLT	5,000	5,200		7	12/17/2013
CLEARFORK	5,500	5,700		8	12/17/2013
GLORIETA	4,400	5,900		9	12/17/2013
TUBB	6,100	6,100		10	12/17/2013
WICHITA ALBANY	6,500	7,000		11	12/17/2013
FUSSELMAN	7,400	7,400		12	12/17/2013
MCKEE	7,700	7,700		13	12/17/2013
SILURIAN	8,000	8,450		14	12/17/2013
WOLFCAMP	6,900	9,100		15	12/17/2013
STRAWN	9,000	9,200		16	12/17/2013
PENNSYLVANIAN	8,000	10,200		17	12/17/2013
CANYON	8,500	10,300		18	12/17/2013
DEVONIAN	7,600	11,700		19	12/17/2013
CONNELL	12,000	12,000		20	12/17/2013
ELLENBURGER	8,500	13,600		21	12/17/2013

This is a dynamic table that will be updated continuously. It is the operators responsibility to make sure that at time of spudding the well the most current table is being referenced.

Groundwater
Advisory Unit

GROUNDWATER PROTECTION DETERMINATION

Date April 3, 2013

GAU File No.: SC- 13046

API Number 13539546

Attention: LISA BEAVER

RRC Lease No. 021079

SC_252002_13539546_021079_13046.pdf

ENERGEN RESOURCES CORP
3300 N A ST
BLDG 4 STE 100
MIDLAND TX 79705
P-5# 252002

--Measured--

1295 ft FEL

1200 ft FSL

MRL: SECTION

Digital Map Location:
X-coord/Long
Y-coord/Lat
Datum Zone

County ECTOR

Lease & Well No. EAST PENWELL SAN ANDRES UNIT #1223W&ALL

Purpose

Location SUR-UL, BLK-35, SEC-1, -- [TD=3999]

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

The interval from land surface to the base of the SANTA ROSA, which is estimated to occur at a depth between 700 and 800 feet, must be protected.

This recommendation is adequate for wells drilled in this section 1.

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).

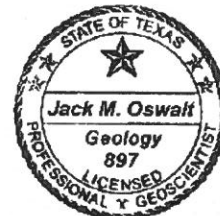
If you have any questions, please contact us at 512-463-2741, gau@rrc.state.tx.us, or by mail.

Sincerely,

Digitally signed by Jack Oswalt
DN: c=US, st=TEXAS, l=Austin, o=Railroad
Commission of Texas, cn=Jack Oswalt,
email=jack.oswalt@rrc.state.tx.us
Date: 2013.04.03 11:42:40 -05'00'

Jack M. Oswalt, P.G.

GEOLOGIST SEAL

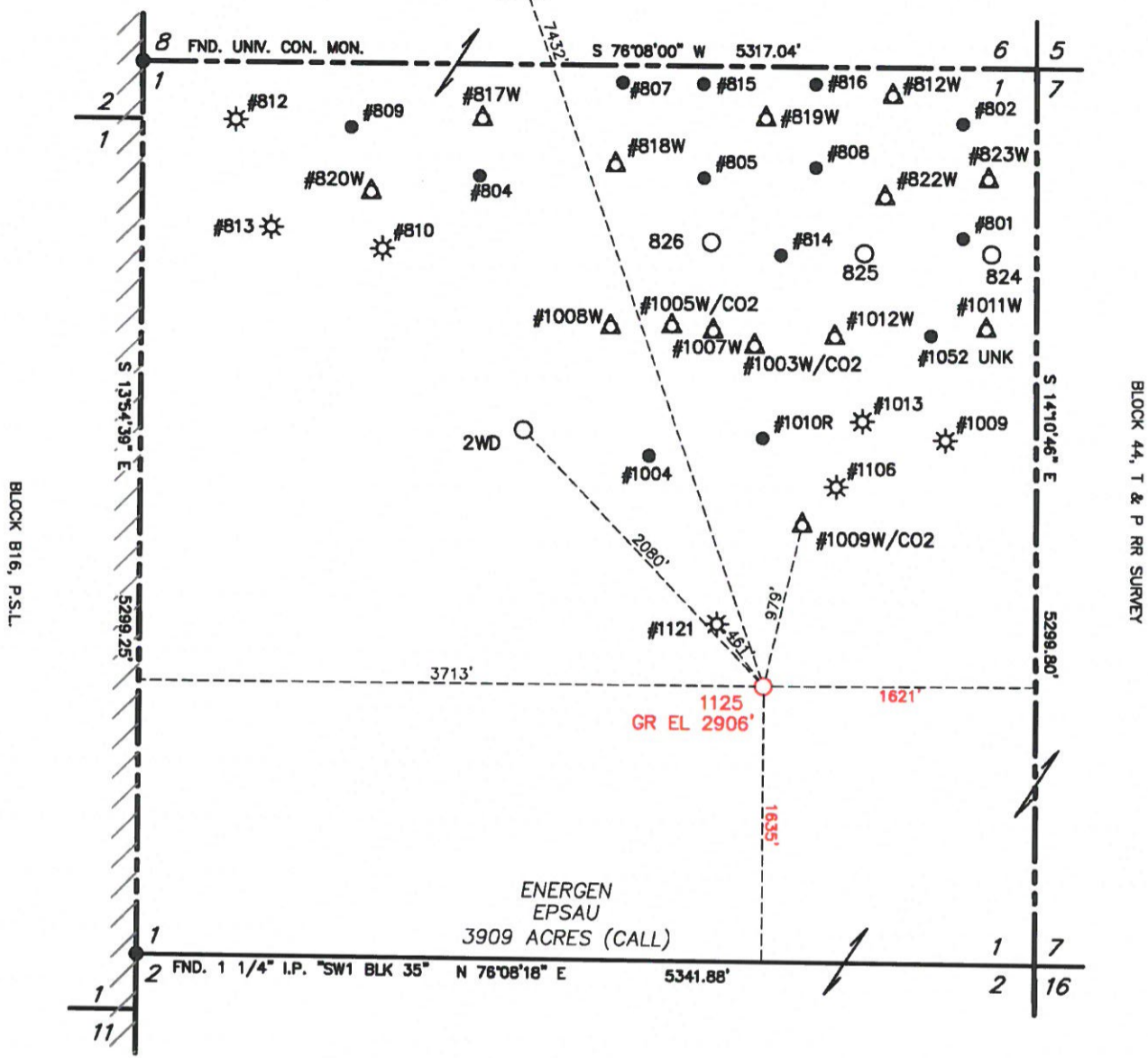


Geologist, Groundwater Advisory Unit
Oil & Gas Division

The seal appearing on this document was authorized by Jack M. Oswalt on 4/3/2013
Note: Alteration of this electronic document will invalidate the digital signature.

A-U1
SECTION 1, BLOCK 35, UNIVERSITY LAND SURVEY

BLOCK 44, T & P RR SURVEY



NAD 27, TEXAS CENTRAL ZONE	
N=753831.8', E=1299484.2'	LAT=31.7198585 N, LONG=102.5863167 W.
NAD 83, TEXAS CENTRAL ZONE	
N=10596407.3', E=1595951.5'	LAT=31.7199877 N, LONG=102.5867406 W.
APPROXIMATELY 1.2 MILES S OF PENWELL, TEXAS	

- GAS WELL
- WATER INJECTION WELL
- OIL WELL
- LOCATED WELL
- DRY HOLE
- WATER WELL
- SHUT IN WELL

NOTES:
 1. COORDINATES AND BEARINGS SHOWN HEREON ARE BASED ON LAMBERT CONICAL PROJECTION OF THE STATE PLANE COORDINATE SYSTEM NAD 83, CORRS 96, TEXAS CENTRAL ZONE WITH A CONVERGENCE ANGLE OF -1°10'01.8" AND DISTANCES ARE OF GRID VALUE WITH A CENTRAL COMBINED SCALE FACTOR OF 0.999961246. THE POSITIONAL TOLERANCE OF THIS SURVEY EXCEEDS THE REQUIREMENTS FOR A RURAL SURVEY.
 2. THIS SURVEY WAS PERFORMED WITHOUT THE BENEFIT OF A TITLE REPORT AND REVIEW OF THE ABSTRACT OF TITLE. THERE MAY BE EASEMENTS AND/OR COVENANTS AFFECTING THIS PROPERTY NOT SHOWN HEREON. LOCATION OF IMPROVEMENTS AND/OR EASEMENTS WERE BEYOND COMMISSIONED SCOPE OF THIS PROJECT AND HAVE BEEN SPECIFICALLY OMITTED. VESTING DOCUMENTS NOT FURNISHED FOR THIS SURVEY.
 3. SEE DOCUMENTS AND ELECTRONIC DATA FILED IN THE OFFICE OF WPG INC FOR COMPLETE RECONSTRUCTION OF THESE SECTIONS OR BLOCKS.

I, THE UNDERSIGNED, DO HEREBY CERTIFY THAT THE SURVEY INFORMATION FOUND ON THIS PLAT WAS DERIVED FROM ACTUAL FIELD NOTES OF ON-THE-GROUND SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. NO WARRANTY IS MADE OR INTENDED FOR THE LOCATION OF ANY OR ALL EASEMENTS THAT MAY EXIST WITHIN THE BOUNDS OF THIS SURVEY. THE INFORMATION PRESENTED HEREON IS FOR THE PRIVATE USE OF THE PARTY NAMED IN THE "REFERENCE PORTION" OF THE TITLE BLOCK AND DOES NOT CONSTITUTE A COMPLETE BOUNDARY SURVEY AS DEFINED BY THE "PROFESSIONAL LAND SURVEYING PRACTICES ACT."



W.D. Watson, Jr. TEXAS R.P.L.S. No. 1989 DATE 2/6/14
 FILE: T:\ECTOR\BLOCK 35 UL.dwg

1000 0 1000 2000 FEET

Watson Professional Group Inc

P.O. DRAWER 11186
 MIDLAND, TEXAS 79702
 (432) 520-9200
 FAX (432) 520-9212
 wdwatson@wpg-us.com

PERMIT PLAT
ENERGEN RESOURCES CORPORATION
 EAST PENWELL SAN ANDRES UNIT 1125
 1635' FSL & 1621' FEL
 SECTION 1, BLOCK 35, UNIVERSITY LAND SURVEY
 ECTOR COUNTY, TEXAS