

API No. <u>42-003-47534</u> Drilling Permit # <u>825375</u> SWR Exception Case/Docket No. <u>0304649</u> (R37)		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. <u>247756</u>		2. Operator's Name (as shown on form P-5, Organization Report) ELEVATION RESOURCES LLC		3. Operator Address (include street, city, state, zip): 200 N LORAIN STE 1010 MIDLAND, TX 79701-0000			
4. Lease Name <u>UL G 1-20</u>		5. Well No. <u>6H</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 type="checkbox"/> Vertical <input checked="" 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>15000</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>ANDREWS</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>9</u> miles in a <u>S</u> direction from <u>Andrews</u> which is the nearest town in the county of the well site.							
15. Section <u>20</u>	16. Block <u>1</u>	17. Survey <u>UL</u>		18. Abstract No. <u>A-U20</u>	19. Distance to nearest lease line: <u>150</u> ft.	20. Number of contiguous acres in lease, pooled unit, or unitized tract: <u>491.14</u>	
21. Lease Perpendiculars: <u>675</u> ft from the <u>WEST</u> line and <u>275</u> ft from the <u>SOUTH</u> line. 22. Survey Perpendiculars: <u>675</u> ft from the <u>WEST</u> line and <u>2400</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	
08	00018001	WILDCAT		Oil or Gas Well	15000	0.00	
08	55256568	LOWE (MISS.)		Oil or Gas Well	15000	0.00	
08	28899581	EMMA (MISSISSIPPIAN)		Oil Well	15000	0.00	
BOTTOMHOLE LOCATION INFORMATION is required for DIRECTIONAL, HORIZONTAL, AND AMENDED AS DRILLED PERMIT APPLICATIONS (see W-1H attachment)							
Remarks [FILER Apr 11, 2017 10:30 AM]: Lease Line Rule 37 Exception Requested. Own Offset to North, West & South. See Attached Waiver from Zarvona who is the Offset Operator in Section 07 to the NW.				Certificate: I certify that information stated in this application is true and complete, to the best of my knowledge. <div style="display: flex; justify-content: space-between;"> <div> <u>Stewart Newton</u> Name of filer </div> <div> <u>Apr 11, 2017</u> Date submitted </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div> <u>(512)4808800</u> Phone </div> <div> <u>stewart.newton@pghengineers.com</u> E-mail Address (OPTIONAL) </div> </div>			
RRC Use Only Data Validation Time Stamp: <u>Apr 21, 2017 5:19 PM('As Approved' Version)</u>							

Permit Status:	Approved
<i>The RRC has not approved this application. Duplication or distribution of information is at the user's own risk.</i>	

RAILROAD COMMISSION OF TEXAS

OIL & GAS DIVISION

Form W-1H 07/2004
Supplemental Horizontal Well Information

APPLICATION FOR PERMIT TO DRILL, RECOMPLETE, OR RE-ENTER

*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.*

Permit #	825375
Approved Date:	Apr 21, 2017

1. RRC Operator No. 247756	2. Operator's Name (exactly as shown on form P-5, Organization Report) ELEVATION RESOURCES LLC	3. Lease Name UL G 1-20	4. Well No. 6H
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Lateral Drainhole Location Information

5. Field as shown on Form W-1	LOWE (MISS.) (Field # 55256568, RRC District 08)
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6. Section 17	7. Block 1	8. Survey UNIVERSITY LANDS	9. Abstract	10. County of BHL ANDREWS
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11. Terminus Lease Line Perpendiculars 550 ft. from the West line. and 50 ft. from the North line
12. Terminus Survey Line Perpendiculars 550 ft. from the West line. and 50 ft. from the North line
13. Penetration Point Lease Line Perpendiculars 673 ft. from the West line. and 375 ft. from the South line

5. Field as shown on Form W-1	WILDCAT (Field # 00018001, RRC District 08)
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6. Section 17	7. Block 1	8. Survey UNIVERSITY LANDS	9. Abstract	10. County of BHL ANDREWS
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13. Penetration Point Lease Line Perpendiculars 673 ft. from the West line. and 375 ft. from the South line

5. Field as shown on Form W-1	EMMA (MISSISSIPPIAN) (Field # 28899581, RRC District 08)
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RAILROAD COMMISSION OF TEXAS
OIL & GAS DIVISION

PERMIT TO DRILL, DEEPEN, PLUG BACK, OR RE-ENTER ON A REGULAR OR ADMINISTRATIVE EXCEPTION LOCATION

PERMIT NUMBER 825375	DATE PERMIT ISSUED OR AMENDED Apr 21, 2017	DISTRICT * 08			
API NUMBER 42-003-47534	FORM W-1 RECEIVED Apr 11, 2017	COUNTY ANDREWS			
TYPE OF OPERATION NEW DRILL	WELLBORE PROFILE(S) Horizontal	ACRES 491.14			
OPERATOR ELEVATION RESOURCES LLC 200 N LORAIN STE 1010 MIDLAND, TX 79701-0000		NOTICE This permit and any allowable assigned may be revoked if payment for fee(s) submitted to the Commission is not honored. District Office Telephone No: (432) 684-5581			
LEASE NAME UL G 1-20		WELL NUMBER 6H			
LOCATION 9 miles S direction from ANDREWS		TOTAL DEPTH 15000			
Section, Block and/or Survey SECTION ◀ 20 BLOCK ◀ 1 ABSTRACT ◀ U20 SURVEY ◀ UL					
DISTANCE TO SURVEY LINES 675 ft. WEST 2400 ft. NORTH		DISTANCE TO NEAREST LEASE LINE 150 ft.			
DISTANCE TO LEASE LINES 675 ft. WEST 275 ft. SOUTH		DISTANCE TO NEAREST WELL ON LEASE See FIELD(s) Below			
FIELD(s) and LIMITATIONS: <p align="center">* SEE FIELD DISTRICT FOR REPORTING PURPOSES *</p> <p align="center">** THIS PERMIT IS GRANTED PURSUANT TO STATEWIDE RULE 37(h)(2)(B) **</p> <p align="center">CASE NO. 0304649</p>					
FIELD NAME LEASE NAME		ACRES NEAREST LEASE	DEPTH NEAREST WE	WELL # NEAREST WE	DIST
** WILDCAT UL G 1-20		491.14 150	15,000 0	6H 0	08
----- WELLBORE PROFILE(s) FOR FIELD: Horizontal -----					
RESTRICTIONS: This is a hydrogen sulfide field. Hydrogen Sulfide Fields with perforations must be isolated and tested per State Wide Rule 36 and a Form H-9 filed with the district office. Fields with SWR 10 authority to downhole commingle must be isolated and tested individually prior to commingling production. Lateral: TH1 Penetration Point Location Lease Lines: 673.0 F WEST L 375.0 F SOUTH L Terminus Location BH County: ANDREWS Section: 17 Block: 1 Abstract: Survey: UNIVERSITY LANDS Lease Lines: 550.0 F WEST L 50.0 F NORTH L Survey Lines: 550.0 F WEST L 50.0 F NORTH L					
** EMMA (MISSISSIPPIAN) UL G 1-20		491.14 150	15,000 0	6H 0	08

RAILROAD COMMISSION OF TEXAS
OIL & GAS DIVISION

PERMIT TO DRILL, DEEPEN, PLUG BACK, OR RE-ENTER ON A REGULAR OR ADMINISTRATIVE EXCEPTION LOCATION

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LEASE NAME UL G 1-20		WELL NUMBER 6H
LOCATION 9 miles S direction from ANDREWS		TOTAL DEPTH 15000
Section, Block and/or Survey SECTION 20 BLOCK 1 ABSTRACT U20 SURVEY UL		
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FIELD NAME	ACRES	DEPTH
LEASE NAME	NEAREST LEASE	WELL # NEAREST WE
DIST		
WELLBORE PROFILE(s) FOR FIELD: Horizontal		

RESTRICTIONS:	Lateral: TH1	
	Penetration Point Location	
	Lease Lines: 673.0 F WEST L	
	375.0 F SOUTH L	
	Terminus Location	
	BH County: ANDREWS	
	Section: 17 Block: 1 Abstract:	
	Survey: UNIVERSITY LANDS	
	Lease Lines: 550.0 F WEST L	
	50.0 F NORTH L	
	Survey Lines: 550.0 F WEST L	
	50.0 F NORTH L	

** LOWE (MISS.)	491.14	15,000
UL G 1-20	150	0

WELLBORE PROFILE(s) FOR FIELD: Horizontal		

RESTRICTIONS:	Lateral: TH1	
	Penetration Point Location	
	Lease Lines: 673.0 F WEST L	
	375.0 F SOUTH L	
	Terminus Location	
	BH County: ANDREWS	
	Section: 17 Block: 1 Abstract:	
	Survey: UNIVERSITY LANDS	

RAILROAD COMMISSION OF TEXAS
OIL & GAS DIVISION

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FIELD NAME	ACRES	DEPTH	WELL #	DIST																												
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**RAILROAD COMMISSION OF TEXAS
OIL & GAS DIVISION
SWR #13 Formation Data**

ANDREWS (003) County

Formation	Shallow Top	Deep Top	Remarks	Geological Order	Effective Date
YATES	2,500	3,200		1	12/17/2013
SEVEN RIVERS	3,000	3,000		2	12/17/2013
QUEEN	3,600	4,800		3	12/17/2013
GRAYBURG	3,100	5,000		4	12/17/2013
SAN ANDRES	3,700	5,300	CO2 flood, high flows, H2S, corrosive	5	12/17/2013
HOLT	5,000	5,500		6	12/17/2013
GLORIETA	5,100	6,000		7	12/17/2013
TUBB	6,100	6,300		8	12/17/2013
CLEARFORK	5,600	7,600		9	12/17/2013
PERMIAN DETRITAL	7,800	7,900		10	12/17/2013
LEON	7,900	7,900		11	12/17/2013
WICHITA ALBANY	6,500	8,100		12	12/17/2013
SPRABERRY	7,300	8,600		13	12/17/2013
DEAN	9,200	9,500		14	12/17/2013
WOLFCAMP	7,500	9,900		15	12/17/2013
CANYON	8,600	10,200		16	12/17/2013
PENNSYLVANIAN	8,700	10,200		17	12/17/2013
MCKEE	8,300	10,600		18	12/17/2013
STRAWN	8,800	11,000		19	12/17/2013
FUSSELMAN	8,400	11,900		20	12/17/2013
DEVONIAN	7,600	12,500		21	12/17/2013
SILURIAN	8,000	12,500		22	12/17/2013
ELLENBURGER	7,900	13,900		23	12/17/2013

The above list may not be all inclusive, and may also include formations that do not intersect all wellbores. Formation "TOP" information listed reflects an estimated range based on geologic variances across the county. To clarify, the "Deep Top" is not the bottom of the formation; it is the deepest depth at which the "TOP" of the formation has been or might be encountered. This is a dynamic list subject to updates and revisions. It is the operator's responsibility to make sure that at the time of spudding the well the most current list is being referenced. Refer to the RRC website at the following address for the most recent information.
<http://www.rrc.texas.gov/oil-gas/compliance-enforcement/rule-13-geologic-formation-info>

GROUNDWATER PROTECTION DETERMINATION

Form GW-2



Groundwater Advisory Unit

Date Issued: 01 May 2017**GAU Number:** 170347**Attention:** ELEVATION RESOURCES LLC
200 N LORAIN STE 1010
MIDLAND, TX 79701**Operator No.:** 247756**API Number:****County:** ANDREWS**Lease Name:** UL G 1-20**Lease Number:****Well Number:** 6H**Total Vertical Depth:** 15000**Latitude:** 32.194482**Longitude:** -102.515335**Datum:** NAD27**Purpose:** New Drill**Location:** Survey-UL; Abstract-U20; Block-1; Section-20

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

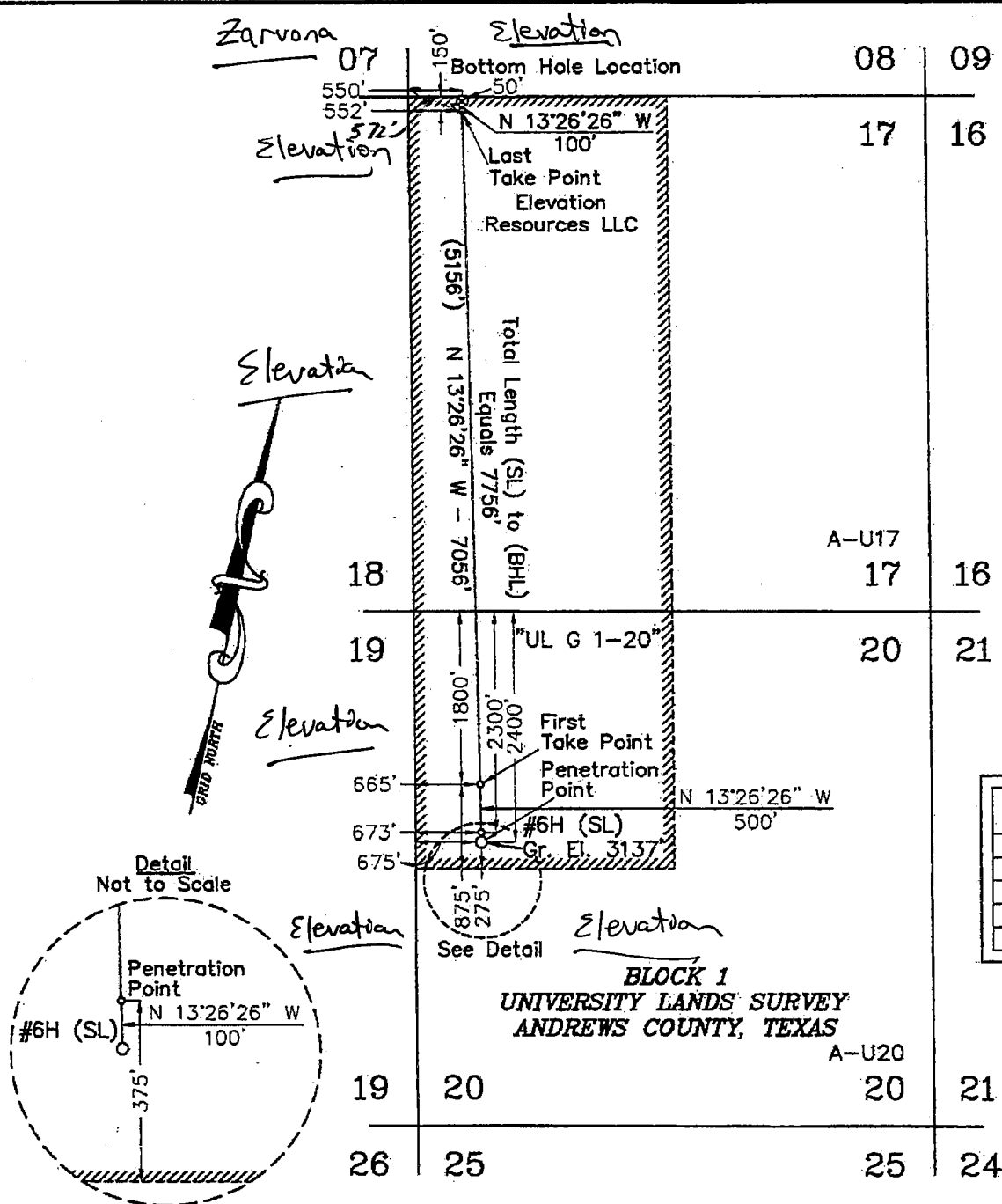
The interval from the land surface to a depth of 275 feet, and the zone from 1250 to 1600 feet must be protected.

This recommendation is applicable for all wells drilled in this lease.

Note: Unless stated otherwise, this recommendation is intended to apply only to the subject well and not for area-wide use. This recommendation is for normal drilling, production, and plugging operations only. It does not apply to saltwater disposal operation into a nonproductive zone (RRC Form W-14).

This determination is based on information provided when the application was submitted on 04/11/2017. If the location information has changed, you must contact the Groundwater Advisory Unit, and submit a new application if necessary. If you have questions, please contact us at 512-463-2741 or gau@rrc.texas.gov.

Groundwater Advisory Unit, Oil and Gas Division



	State Plane Coordinate		Geodetic (D.M.S.)		Geodetic (D.D.)	
Surface Location	X = 449,037.17	Y = 229,053.41	Lat = 32°11'40.14" N	Long = 102°30'55.20" W	Lat = 32.19448297° N	Long = 102.51533447° W
Penetration Point	X = 449,013.93	Y = 229,150.67	Lat = 32°11'41.09" N	Long = 102°30'55.53" W	Lat = 32.19474697° N	Long = 102.51542452° W
First Take Point	X = 448,897.71	Y = 229,636.98	Lat = 32°11'45.84" N	Long = 102°30'57.15" W	Lat = 32.19606696° N	Long = 102.51587479° W
Last Take Point	X = 447,257.64	Y = 236,499.77	Lat = 32°12'52.90" N	Long = 102°31'20.03" W	Lat = 32.21469461° N	Long = 102.52223044° W
Bottom Hole Location	X = 447,234.39	Y = 236,597.03	Lat = 32°12'53.85" N	Long = 102°31'20.35" W	Lat = 32.21495861° N	Long = 102.52232054° W

The UL G 1-20 #6H is located approximately
9.0 miles South of Andrews, Texas.



Legend

- Denotes Proposed Well Bore
- - Denotes Proposed Well Location
- - Denotes Proposed Take Points
- ⊗ - Denotes Proposed Bottom Hole Location
- //// - Denotes Unit Boundary
- - Denotes Tract Line

NOTE:

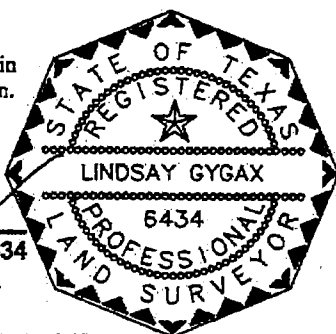
- 1) Plane Coordinates shown hereon are Lambert Grid and Conform to the "Texas Coordinate System", Texas North Central Zone, North American Datum of 1927, unless otherwise noted. Scale factor is 1.000169588.
- 2) Geodetic Coordinate shown hereon references the North American Datum of 1927, unless otherwise noted.
- 3) This plat is provided only for filing purposes with the Texas Railroad Commission and should not be construed as a boundary survey.

CERTIFICATION:

I hereby certify that this plat was made from notes taken in the field in a bona fide survey made under my supervision.

Lindsay Gyax

Texas R.P.L.S. No. 6434



WEST COMPANY

Surveyors ■ Civil Engineers

110 W. Louisiana Ave., Suite 110, Midland, Texas 79701

(432) 687-0885 - FAX (432) 687-0888

FIRM Registration Number: 100682-00



ELEVATION
RESOURCES

Location of the

UL G 1-20 #6H

SL (2400' FNL & 675' FWL)

Section 20, Block 1

BHL (50' FNL & 550' FWL)

Section 17, Block 1

All in University Lands Survey
Andrews County, Texas

Scale: 1"= 2000'

W.O.: 2017-0035

Surveyed: 01/17/16

Drawn By: SC

File: J:\2017\2017-0035\2017-0035 UL G 1-20 #6H.dwg