

The designated interval, for one or more of the fields approved on this permit, appears to overlap with the designated interval of another field or fields in this district. In the case of conflicting designated intervals you will be required to be consistent in field designation on this lease. Further, if the designated interval overlap of wells on this lease results in an actual or potential double assignment of reservoir and the applicant cannot conclusively demonstrate that there is no double assignment, the permitted well may not be assigned an allowable until the conflict is resolved. Because of the overlapping designated intervals in this area, issuance of this permit does not guarantee that the completion of the well will be approved or that the well will receive an allowable in any given field, even if that field is listed on the approved permit application.

Railroad Commission of Texas
Oil and Gas Division
SWR #13 Formation Data
WINKLER (495) COUNTY

Formation	Shallow Top	Deep Top	Remarks	Geological Order	Effective Date
RUSTLER	725	725	possible flow; possible usable quality water	1	01/01/2014
COLBY-QUEEN	2900	3200		2	01/01/2014
YATES	2280	3200		3	01/01/2014
QUEEN-SEVEN RIVERS	2700	3400		4	01/01/2014
SAN ANDRES	3600	4400	high flows, H2S, corrosive	5	01/01/2014
HOLT	4500	4800		6	01/01/2014
DELAWARE	4300	5000		7	01/01/2014
GLORIETA	4900	5600		8	01/01/2014
CLEARFORK	4750	6200		9	01/01/2014
WICHITA ALBANY	6600	6850		10	01/01/2014
BRUSHY CANYON	7300	7300		11	01/01/2014
CHERRY CANYON	6000	7800		12	01/01/2014
CANYON	8400	8400		13	01/01/2014
BONE SPRINGS	9000	9800		14	01/01/2014
MONTOYA	10300	10300		15	01/01/2014
WADDELL	11000	11000		16	01/01/2014
WOLFCAMP	7600	12400		17	01/01/2014
ATOKA	12900	12900		18	01/01/2014
STRAWN	8100	14800		19	01/01/2014
PENNSYLVANIAN	8000	15500		20	01/01/2014
MISSISSIPPIAN	10200	17300		21	01/01/2014
DEVONIAN	7900	17800		22	01/01/2014
SILURIAN	8500	18000		23	01/01/2014
FUSSELMAN	9700	18800		24	01/01/2014
ELLENBURGER	9500	21400		25	01/01/2014

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>



RAILROAD COMMISSION OF TEXAS

1701 N. Congress
P.O. Box 12967
Austin, Texas 78701-2967

Form P-16

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Rev. 01/2016

Acreage Designation

SECTION I. OPERATOR INFORMATION

Operator Name: WYCO OIL & GAS LLC Operator P-5 No.: 945368
Operator Address: PO BOX 12367, ODESSA, TX 79768

SECTION II. WELL INFORMATION

District No.: 08 County: Winkler
Well No.: 1 API No.: 495-32488
Total Lease Acres: 40 Drilling Permit No.:
Lease Name: UNIVERSITY 20-12 Lease No.:
Field Name: PHANTOM (WOLF CAMP) Field No.: 71052900
Purpose of Filing: [X] Drilling Permit Application (Form W-1) [] Completion Report (Form G-1/W-2)

Filer is the owner or lessee, or has been authorized by the owner or lessee, of all or an undivided portion of the mineral estate under each tract for which filer is listed as operator below. For all leases operated by other entities, the number of assigned acres shown are reflected on current Commission records or the filer has been authorized by the current operator to change the assigned acreage of that operator as shown below.

SECTION III. LISTING OF ALL WELLS IN THE APPLIED-FOR FIELD ON THE SAME ACREAGE AS THE LEASE, POOLED UNIT, OR UNITIZED TRACT DESIGNATED IN SECTION II ABOVE BY FILER

Table with 8 columns: RRC ID No. or Lease No., Well No., H-Horizontal D-Directional V-Vertical, Lease Name, API No., Acres Assigned, SWR 38 Except. (Y/N), Operator Name and Operator No. (if different from filing operator). Row 1: 1, V, UNIVERSITY 20-12, 495, 40, N.

Total Well Count > 1
< A. Total Assigned Horiz. Acreage 40
< Total Remaining Horiz. Acreage 0
< B. Total Assigned Vert./Dir. Acreage 40
< Total Remaining Vert./Dir. Acreage 0
< C. Total Assigned Acreage 40
< Total Remaining Acreage 0

SECTION IV. REMARKS / PURPOSE OF FILING (see instructions)

Empty box for remarks or purpose of filing.

Attach Additional Pages As Needed. [X] No additional pages [] Additional Pages: (No. of additional pages)

CERTIFICATION: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that this report was prepared by me or under my supervision or direction, that I am authorized to make this report, and that the information contained in this report is true, correct, and complete to the best of my knowledge.

Signature: Susan Perkins Name and title: CONSULTANT Email: 432-556-6579 Date: 6-13-17
Address: PO BOX 12367, MIDLAND, TX 79768 City, State, Zip Code Tel: Area Code Number Date: mo. day yr.

Oil & Gas Completions

[Completions Home](#) [Completions Menu](#) [PB Menu](#) [Help](#)

Well Completions

Filing Operator: WYCO OIL & GAS LLC (945368)

Filing Completion Package

[File a New Completion Packet](#)[Update Existing Completion Packet](#)[Select Filing Operator](#)
[My Messages](#) [Operator Messages](#) [Recent Notifications](#)

0 results

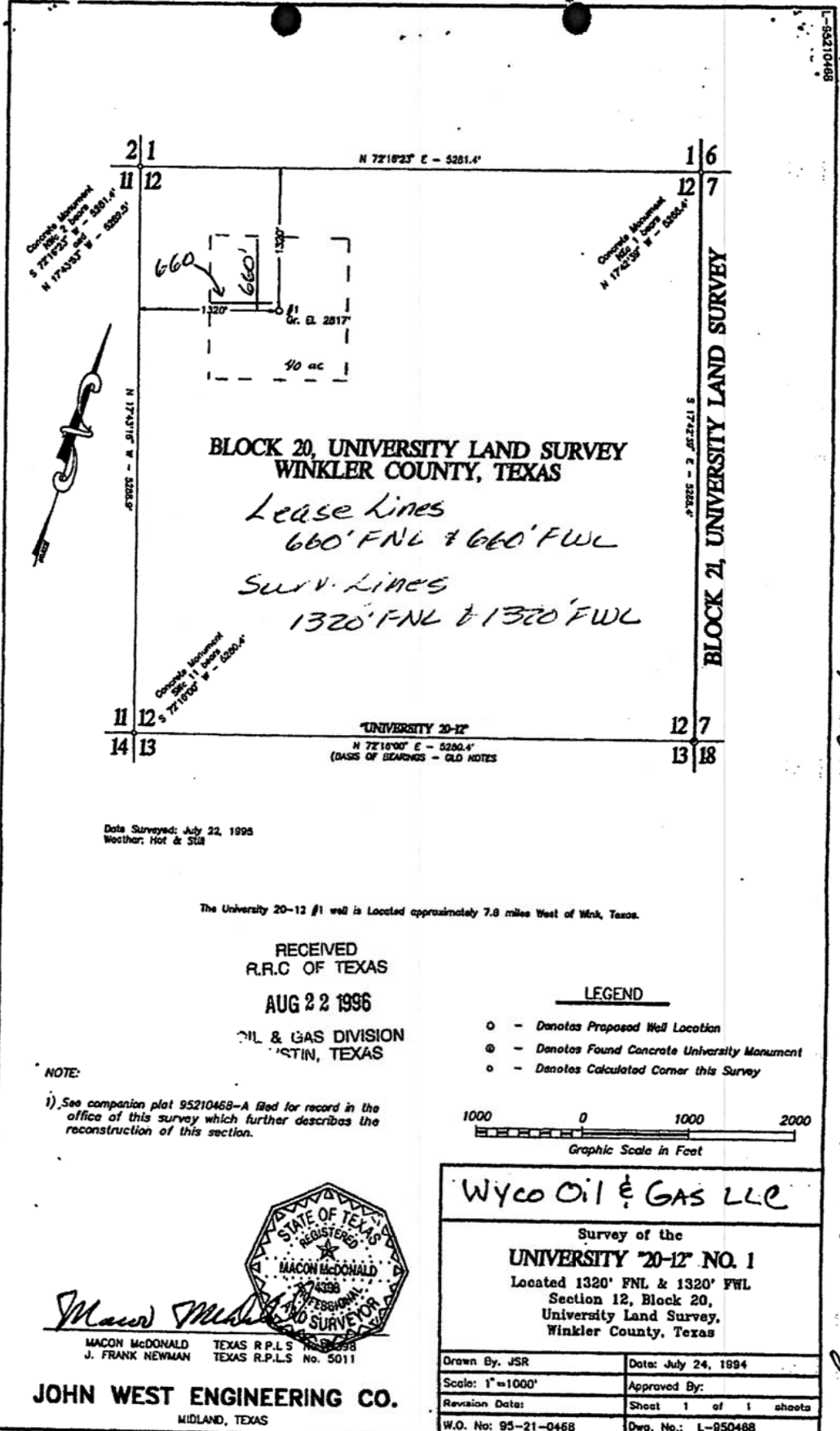
Page: 1 of 1

Page Size: View All

Tracking No.	User	Operator	Status	Sent By	Current Messages	Response Count
170916	Perkins, Susan	WYCO OIL & GAS LLC	Published (06/20/2017)	Adkins, Zachary	Please amend the Drilling permit for Phantom(wolfcamp) as a Recompletion.	0

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L-95210468



**BLOCK 20, UNIVERSITY LAND SURVEY
WINKLER COUNTY, TEXAS**

*Lease Lines
660' FNL & 660' FWL
Surv. Lines
1320' FNL & 1320' FWL*

Date Surveyed: July 22, 1994
Weather: Hot & Still

The University 20-12 #1 well is located approximately 7.8 miles West of Wink, Texas.

RECEIVED
R.R.C OF TEXAS
AUG 22 1996
OIL & GAS DIVISION
DALLAS, TEXAS

NOTE:

1) See companion plat 95210468-A filed for record in the office of this survey which further describes the reconstruction of this section.

LEGEND

- - Denotes Proposed Well Location
- ⊙ - Denotes Found Concrete University Monument
- - Denotes Calculated Corner this Survey



Macdonald
MACDONALD TEXAS R.P.L.S. No. 4398
J. FRANK NEWMAN TEXAS R.P.L.S. No. 5011

JOHN WEST ENGINEERING CO.
MIDLAND, TEXAS

Wyco Oil & Gas LLC

Survey of the
UNIVERSITY "20-12" NO. 1
Located 1320' FNL & 1320' FWL
Section 12, Block 20,
University Land Survey,
Winkler County, Texas

Drawn By: JSR	Date: July 24, 1994
Scale: 1"=1000'	Approved By:
Revision Date:	Sheet 1 of 1 sheets
W.O. No: 95-21-0468	Dwg. No.: L-950468

*This plat is true & correct to the best of my knowledge.
Susan Perkins 12/16/16*

*COORDINATES! LAT: 31.741212
NAD 27 Long: -103.292515*