



RAILROAD COMMISSION OF TEXAS

Form W-2

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

Status: Submitted
Date: 10/07/2021
Tracking No.: 256056

OIL WELL POTENTIAL TEST, COMPLETION OR RECOMPLETION REPORT,

OPERATOR INFORMATION			
Operator	HUDSPETH OPERATING, LLC	Operator	410815
Operator	6300 RIDGLEA PLACE SUITE 950 FORT WORTH, TX 76116-0000		

WELL INFORMATION			
API	42-229-30235	County:	HUDSPETH
Well No.:	1	RRC District	08
Lease	UNIVERSITY CACTUS A35	Field	WILDCAT
RRC Lease		Field No.:	00018001
Location	Section: 35, Block: A, Survey: UL, Abstract: U35		
Latitude	31	Longitud	-105
This well is 20 miles in a NW direction from CORNUDAS, which is the nearest town in the			

FILING INFORMATION			
Purpose of	Well Record Only		
Type of	Re-entry		
Well Type:	Shut-In Producer	Completion or Recompletion	10/23/2019
Type of Permit	Date	Permit No.	
Permit to Drill, Plug Back, or Rule 37 Exception	09/30/2019	857461	
Fluid Injection			
O&G Waste Disposal			
Other:			

COMPLETION INFORMATION			
Spud	03/21/2003	Date of first production after rig	10/23/2019
Date plug back, deepening, drilling operation	10/20/2019	Date plug back, deepening, recompletion, drilling operation	10/23/2019
Number of producing wells on this lease this field (reservoir) including this	1	Distance to nearest well in lease & reservoir	0.0
Total number of acres in	640.00	Elevation	5051 GR
Total depth TVD	5751	Total depth MD	6449
Plug back depth TVD	5751	Plug back depth MD	6449
Was directional survey made other inclination (Form W-	Yes	Rotation time within surface casing Is Cementing Affidavit (Form W-15)	24.0 Yes
Recompletion or	No	Multiple	No
Type(s) of electric or other log(s)	Resistivity only		
Electric Log Other Description:	PLATFORM EXPRESS/HIGH RES LATEROLOG ARRAY		
Location of well, relative to nearest lease of lease on which this well is	660.0 Feet from the	Off Lease :	No
	1980.0 Feet from the	East Line and North Line of the	
	UNIVERSITY CACTUS A35 Lease.		

FORMER FIELD (WITH RESERVOIR) & GAS ID OR OIL LEASE NO.			
Field & Reservoir	Gas ID or Oil Lease	Well No.	Prior Service Type
W2:	N/A		

PACKET:	N/A		
FOR NEW DRILL OR RE-ENTRY, SURFACE CASING DEPTH DETERMINED BY:			
GAU Groundwater Protection Determination	Depth	1750.0	Date 10/16/2019
SWR 13 Exception	Depth		

INITIAL POTENTIAL TEST DATA FOR NEW COMPLETION OR RECOMPLETION		
Date of		Production
Number of hours	24	Choke
Was swab used during this	No	Oil produced prior to
PRODUCTION DURING TEST PERIOD:		
Oil		Gas
Gas - Oil	0	Flowing Tubing
Water		
CALCULATED 24-HOUR RATE		
Oil		Gas
Oil Gravity - API - 60.:		Casing
Water		

CASING RECORD											
Ro	Type of Casing	Casing	Hole	Setting	Multi -	Multi -	Cement	Cement	Slurry	Top of	TOC
		Size	Size	Depth	Stage	Tool	Class	Amoun	Volume	Cement	Determined
		(in.)							(cu.	(ft.)	By
2	Intermediate	13 3/8	17 1/2	409			C	850	2238.0	0	Circulated to Surface
3	Intermediate	9 5/8	12 1/4	2433			C	1100	4278.0	0	Circulated to Surface
3	Conventional Production	7	8 3/4	6755			H	625	1063.0	6620	Calculation
4	Tapered Production	4 1/2	6 1/8	6413			C	240	322.0	3354	Calculation

LINER RECORD									
<u>Ro</u>	<u>Liner Size</u>	<u>Hole Size</u>	<u>Liner Top</u>	<u>Liner Bottom</u>	<u>Cement Class</u>	<u>Cement Amoun</u>	<u>Slurry Volume (cu.)</u>	<u>Top of Cement (ft.)</u>	<u>TOC Determined</u>
N/A									

TUBING RECORD			
<u>Ro</u>	<u>Size (in.)</u>	<u>Depth</u>	<u>Size (ft.)</u>
1	2 3/8	6128	
		<u>Packer Depth (ft.)/Type</u>	
		6104 / 4 1/2" 10K VERSASET	

PRODUCING/INJECTION/DISPOSAL INTERVAL			
<u>Ro</u>	<u>Open hole?</u>	<u>From (ft.)</u>	<u>To (ft.)</u>
1	No	L 6257	6359.0

ACID, FRACTURE, CEMENT SQUEEZE, CAST IRON BRIDGE PLUG, RETAINER, ETC.

Was hydraulic fracturing treatment	No
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Is well equipped with a downhole sleeve? No	If yes, actuation pressure
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Production casing test pressure (PSIG) during hydraulic fracturing	Actual maximum pressure (PSIG) during fracturing
10,000	10,000
12,000	12,000
14,000	14,000
16,000	16,000
18,000	18,000
20,000	20,000
22,000	22,000
24,000	24,000
26,000	26,000
28,000	28,000
30,000	30,000
32,000	32,000
34,000	34,000
36,000	36,000
38,000	38,000
40,000	40,000
42,000	42,000
44,000	44,000
46,000	46,000
48,000	48,000
50,000	50,000
52,000	52,000
54,000	54,000
56,000	56,000
58,000	58,000
60,000	60,000
62,000	62,000
64,000	64,000
66,000	66,000
68,000	68,000
70,000	70,000
72,000	72,000
74,000	74,000
76,000	76,000
78,000	78,000
80,000	80,000
82,000	82,000
84,000	84,000
86,000	86,000
88,000	88,000
90,000	90,000
92,000	92,000
94,000	94,000
96,000	96,000
98,000	98,000
100,000	100,000

Has the hydraulic fracturing fluid disclosure been	No
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<u>Ro</u>	<u>Type of Operation</u>	<u>Amount and Kind of Material Used</u>	<u>Depth Interval (ft.)</u>	
1	Acid	299000 GAL	6257	6359
2	Other	27 BBLS H2O FLUSH	6257	6359

FORMATION RECORD

<u>Formations</u>	<u>Encountere</u>	<u>Depth TVD</u>	<u>Depth MD</u>	<u>Is formation</u>	<u>Remarks</u>
N/A					
Do the producing interval of this well produce H2S with a concentration in excess of 100 ppm					No
Is the completion being downhole commingled		No			

REMARKS

WELL RECORD ONLY. WELL IS STILL IN EVALUATION.
KOP 5142'

RRC REMARKS

PUBLIC COMMENTS:

CASING RECORD :

TUBING RECORD:

RE-ENTRY OF PLUGGED WELLBORE. WELL STILL BEING EVALUATED

PRODUCING/INJECTION/DISPOSAL INTERVAL :

ACID, FRACTURE, CEMENT SQUEEZE, CAST IRON BRIDGE PLUG, RETAINER, ETC. :

POTENTIAL TEST DATA:

OPERATOR'S CERTIFICATION			
Printed	Linda Johnston	Title:	Agent
Telephone	(830) 964-5963	Date	10/20/2021



RAILROAD COMMISSION OF TEXAS

1701 N. Congress

P.O. Box 12967

Austin, Texas 78701-2967

Form W-15

Rev. 08/2014

CEMENTING REPORT

Cementer: Fill in shaded areas.

Operator: Fill in other items.

OPERATOR INFORMATION

Operator Name: MAVERICK OPERATING, LLC Hudspeth Operating, LLC	Operator P-5 No.: 410815
Cementer Name: Par Five Energy Services	Cementer P-5 No.: 638840

WELL INFORMATION

District No.: 08	County: HUDSPETH	
Well No.: 1	API No.: 42-229-30235	Drilling Permit No.: 857461
Lease Name: UNIVERSITY CACTUS XX A35	Lease No.:	
Field Name: Wildcat	Field No.: 00018001	

I. CASING CEMENTING DATA

Type of casing: <input type="checkbox"/> Conductor <input type="checkbox"/> Surface <input type="checkbox"/> Intermediate <input type="checkbox"/> Liner <input checked="" type="checkbox"/> Production		
Drilled hole size (in.): 6 1/8	Depth of drilled hole (ft.): 6449	Est. % wash-out or hole enlargement: 20%
Size of casing in O.D. (in.): 4 1/2	Casing weight (lbs/ft) and grade: 16.6, P110	No. of centralizers used: 12
Was cement circulated to ground surface (or bottom of cellar) outside casing? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO If no for surface casing, explain in Remarks.	Setting depth shoe (ft.): 6413	Top of liner (ft.):
		Setting depth liner (ft.):
Hrs. waiting on cement before drill-out:	Calculated top of cement (ft.): 3354	Cementing date: 10/23/2019

SLURRY

Slurry No.	No. of Sacks	Class	Additives	Volume (cu. ft.)	Height (ft.)
1	240	C/POZ	REMARKS	321.6	3059
2					
3					
Total	240			321.6	3059

II. CASING CEMENTING DATA

Type of casing: <input type="checkbox"/> Surface <input type="checkbox"/> Intermediate <input type="checkbox"/> Production <input type="checkbox"/> Tapered production <input type="checkbox"/> Multi-stage cement shoe <input type="checkbox"/> Multiple parallel strings			
Drilled hole size (in.):	Depth of drilled hole (ft.):	Est. % wash-out or hole enlargement:	
Size of casing in O.D. (in.):	Casing weight (lbs/ft) and grade:	No. of centralizers used:	
Tapered string drilled hole size (in.)	Tapered string depth of drilled hole (ft.)		
Upper:	Lower:	Upper:	Lower:
Tapered string size of casing in O.D. (in.)	Tapered string casing weight(lbs/ft) and grade	Tapered string no. of centralizers used	
Upper:	Lower:	Upper:	Lower:
Was cement circulated to ground surface (or bottom of cellar) outside casing? <input type="checkbox"/> YES <input type="checkbox"/> NO	Setting depth shoe (ft.):		
Hrs. waiting on cement before drill-out:	Calculated top of cement (ft.):	Cementing date:	

SLURRY

Slurry No.	No. of Sacks	Class	Additives	Volume (cu. ft.)	Height (ft.)
1					
2					
3					
Total					

III. CASING CEMENTING DATA

Type of casing: <input type="checkbox"/> Surface <input type="checkbox"/> Intermediate <input type="checkbox"/> Production <input type="checkbox"/> Tapered production <input type="checkbox"/> Multi-stage cement/DV tool <input type="checkbox"/> Multiple parallel strings			
Drilled hole size (in.):	Depth of drilled hole (ft.):	Est. % wash-out or hole enlargement:	
Size of casing in O.D. (in.):	Casing weight (lbs/ft) and grade:	No. of centralizers used:	
Tapered string drilled hole size (in.)	Tapered string depth of drilled hole (ft.)		
Upper:	Lower:	Upper:	Lower:
Tapered string size of casing in O.D. (in.)	Tapered string casing weight(lbs/ft) and grade	Tapered string no. of centralizers used	
Upper:	Lower:	Upper:	Lower:
Was cement circulated to ground surface (or bottom of cellar) outside casing? <input type="checkbox"/> YES <input type="checkbox"/> NO	Setting depth tool (ft.):		
Hrs. waiting on cement before drill-out:	Calculated top of cement (ft.):	Cementing date:	

SLURRY

Slurry No.	No. of Sacks	Class	Additives	Volume (cu. ft.)	Height (ft.)
1					
2					
3					
Total					

CEMENTING TO SQUEEZE, PLUG BACK OR PLUG AND ABANDON							
	PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7
Cementing Date							
Size of hole or pipe (in.)							
Depth to bottom of tubing or drill pipe (ft.)							
Cement retainer setting depth (ft.)							
CIBP setting depth (ft.)							
Amount of cement on top of CIBP (ft.)							
Sacks of cement used							
Slurry volume pumped (cu. ft.)							
Calculated top of plug (ft.)							
Measured top of plug, if tagged (ft.)							
Slurry weight (lbs/gal)							
Class/type of cement							
Perforate and squeeze (YES/NO)							

REMARKS
50/50 Poz/C+5%(BWOW) PF44Salt+2%PF20Bentonite+0.5% PF606Fluidloss+0.2%PF13Retarder+0.4ppsPF45Defoamer

CEMENTER'S CERTIFICATE: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that the cementing of casing and/or the placing of cement plugs in this well as shown in the report was performed by me or under my supervision, and that the cementing data and facts presented on both sides of this form are true, correct, and complete, to the best of my knowledge. This certification covers cementing data only.

DANIEL MORENO, SERVICE SUPERVISOR Par-Five Energy Services

Name and title of cementer's representative: 11279 Lovington Highway Artesia NM 88210
 Cementing Company: (575) 748-8610
 Signature: [Signature]
 Date: 10/23/2019

OPERATOR'S CERTIFICATE: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that I have knowledge of the well data and information presented in this report, and that data and facts presented on both sides of this form are true, correct, and complete, to the best of my knowledge. This certification covers all well data.

Agent: Linda Johnston
 Typed or printed name of operator's representative: 6300 Ridglea Place Suite 950
 Title: Fort Worth TX 76116
 Signature: [Signature]
 Date: 9/24/2021

Instructions for Form W-15, Cementing Report

NOTICE: The Form W-15 must be submitted as an attachment to a Form G-1 (Gas Well Back Pressure Test, Completion or Recompletion Report, and Log), Form W-2 (Oil Well Potential Test, Completion or Recompletion Report, and Log), Form W-3 (Plugging Record), or Form W-4 (Application for Multiple Completion), any time cement is pumped in a wellbore.

- What to file:** An operator should file an original and one copy of the completed Form W-15 for each cementing company used on a well. The cementing of different casing strings on a well by one cementing company may be reported on one form.
 The Form W-15 should be filed with the Form W-3, Plugging Record, unless the Form W-3 is signed by the cementing company representative. When reporting dry holes, operators must complete Form W-15, in addition to Form W-3, to show any casing cemented in the hole.
- How to file:** An oil and gas completion report and Form W-15 may be filed online using the Commission's Online System (<https://webapps.rrc.state.tx.us/security/login.do>) or a paper copy of the form may be mailed to the Commission in Austin (P.O. Box 12967, Austin, Texas 78711-2967).
- Surface casing:** An operator must set and cement sufficient surface casing to protect all usable-quality water strata, as defined by the Groundwater Advisory Unit in Austin. Sufficient cement shall be used to fill the annular space outside the casing from the shoe to the ground surface or to the bottom of the cellar. Before drilling a well, an operator must obtain a letter from the Groundwater Advisory Unit stating the protection depth. Surface casing should not be set deeper than 200 feet below the specified depth without prior approval from the Commission.
 To plug and abandon a well, operators must use only cementers approved by the Commission's Director of Field Operations in accordance with SWR 14 ([http://info.sos.state.tx.us/pls/pub/readtac\\$ext.TacPage?sl=R&app=9&p_dir=&p_rloc=&p_tloc=&p_ploc=&pg=1&p_tac=&ti=16&pt=1&ch=3&rl=14](http://info.sos.state.tx.us/pls/pub/readtac$ext.TacPage?sl=R&app=9&p_dir=&p_rloc=&p_tloc=&p_ploc=&pg=1&p_tac=&ti=16&pt=1&ch=3&rl=14)). Cementing companies, service companies, or operators can qualify as approved cementers by demonstrating that they are able to mix and pump cement in compliance with Commission rules and regulations.
- Estimated % wash-out:** If the estimated % wash-out is less than 20% (or 30% along the Gulf Coast), provide supporting documentation such as a caliper log to show how the estimated % wash-out was obtained.
- Multi-stage cement:** An operator must report the multi-stage cement shoe in II. Casing Cementing Data section by selecting the type of casing and Multi-stage cement shoe. The operator must report the multi-stage cement tool in III. Casing Cementing Data section by selecting the type of casing and Multi-stage cement/DV tool.
- Multiple parallel strings:** An operator should file the Form W-15 as an attachment to the Form W-4, Application for Multiple Completion. An operator may be required to submit multiple Form W-15s to show all data for multiple parallel strings.
- Slurry data:** If cement job exceeds three slurries, continue the list of slurries in the Slurry table in the subsequent Casing Cementing Data box.

Tracking No.: 256056

This facsimile L-1 was generated electronically from data submitted to the RRC.

Instructions

When to File Form L-1:

- with Forms G-1, W-2, and GT-1 for new and deepened gas, oil, and geothermal wells
- with Form W-3 for plugged dry holes
- when sending in a log which was held under a request for confidentiality and the period for confidentiality has not yet expired.

When is Form L-1 NOT required:

- with Forms W-2, G-1, and GT-1 filed for injection wells, disposal wells, water supply wells, service wells, re-test wells, re-classifications, and plugbacks of oil, gas or geothermal wells
- with Form W-3 for plugging of other than a dry hole

Where to File Form L-1:

- with the appropriate Commission district office

Filling out Form L-1:

- Section I and the signature section must be filled out for all wells
- complete only the appropriate part of Section II

Type of log required:

- any wireline survey run for the purpose of obtaining lithology, porosity, or resistivity information
- no more than one such log is required but it must be of the subject well
- if such log is NOT run on the subject well, do NOT substitute any other type of log; just select Section II, Part A below

SECTION I. IDENTIFICATION

Operator Name: HUDSPETH OPERATING, LLC	District No. 08	Completion Date: 10/23/2019
Field Name WILDCAT	Drilling Permit No. 857461	
Lease Name UNIVERSITY CACTUS A35	Lease/ID No.	Well No. 1
County HUDSPETH	API No. 42- 229-30235	

SECTION II. LOG STATUS (Complete either A or B)

☐ A. BASIC ELECTRIC LOG NOT RUN

☒ B. BASIC ELECTRIC LOG RUN. (Select one)

- ☐ 1. Confidentiality is requested and a copy of the header for each log that has been run on the well is attached.
- ☐ 2. Confidentiality already granted on basic electric log covering this interval (applicable to deepened wells only).
- ☒ 3. Basic electric log covering this interval already on file with Commission (applicable to deepened wells only).
- ☐ 4. Log attached to (select one):

☐ (a) Form L-1 (this form). If the company/lease name on log is different from that shown in Section I, please enter name on log here: TRAIL MOUNTAIN, INC.

Check here if attached log is being submitted after being held confidential. ☒

☐ (b) Form P-7, Application for Discovery Allowable and New Field Designation.

☐ (c) Form W-4, Application for Multiple Completion:

Lease or ID No(s). _____

Well No(s). _____

Linda Johnston

Signature

Name (print)

Agent

Title

(830) 964-5963

Phone

09/24/2021

Date

-FOR RAILROAD COMMISSION USE ONLY-

CERTIFICATE OF COMPLIANCE
AND TRANSPORTATION AUTHORITY

P-4

This facsimile P-4 was generated electronically from data submitted to the RRC.
A certification of the automated data is available in the RRC's Austin office.

Tracking No.: 256056

1. Field name exactly as shown on proration schedule WILDCAT		2. Lease name as shown on proration schedule UNIVERSITY CACTUS A35					
3. Current operator name exactly as shown on P-5 Organization Report HUDSPETH OPERATING, LLC		4. Operator P-5 no. 410815	5. Oil Lse/Gas ID no	6. County HUDSPETH	7. RRC district 08		
8. Operator address including city, state, and zip code 6300 RIDGLEA PLACE SUITE 950 FORT WORTH, TX 76116		9. Well no(s) (see instruction E) 1			11. Effective Date 10/23/2019		
		10. Classification <input checked="" type="checkbox"/> Oil <input type="checkbox"/> Gas <input type="checkbox"/> Other (see instruction A)					
12. Purpose of Filing. (Complete section a or b below.) (See instructions B and G) a. Change of: <input type="checkbox"/> operator <input type="checkbox"/> oil or condensate gatherer <input type="checkbox"/> gas gatherer <input type="checkbox"/> gas purchaser <input type="checkbox"/> gas purchaser system code <input type="checkbox"/> field name from: _____ Docket #: _____ <input type="checkbox"/> lease name from: _____ <hr style="border-top: 1px dashed black;"/> b. New RRC Number for: <input checked="" type="checkbox"/> oil lease <input type="checkbox"/> gas well Due to: <input type="checkbox"/> new completion or recompletion <input type="checkbox"/> reclass oil to gas <input type="checkbox"/> reclass gas to oil <input type="checkbox"/> other well (specify) _____ <input type="checkbox"/> consolidation <input type="checkbox"/> unitization <input type="checkbox"/> field transfer <input type="checkbox"/> subdivision (oil lease only)							
13. Authorized GAS WELL GAS or CASINGHEAD GAS Gatherer(s) and/or Purchaser(s). (See instruction G).							
Gatherer	Purchaser	Name of GAS WELL GAS or CASINGHEAD GAS Gatherer(s) or Purchaser(s) As Indicated in Columns to the Left (Attach an additional sheet in same format if more space is needed)			Purchaser's RRC Assigned System Code	Percent of Take	Full-well stream
14. Authorized OIL or CONDENSATE Gatherer(s). (See instruction G).							
Name of OIL or CONDENSATE Gatherer(s) - List Highest Volume Gatherer First (Attach an additional sheet in same format if more space is needed)						Percent of Take	
N/A							
RRC USE ONLY: Reviewer's initials: _____ Approval date: _____							
15. PREVIOUS OPERATOR CERTIFICATION FOR CHANGE OF OPERATOR P-4 FILING. Being the PREVIOUS OPERATOR, I certify that operating responsibility for the well(s) designated in this filing, located on the subject lease has been transferred in its entirety to the above named Current Operator. I understand, as Previous Operator, that designation of the above named operator as Current Operator is not effective until this certificate is approved by the Commission. <div style="display: flex; justify-content: space-between;"><div style="width: 45%;"><div style="border-bottom: 1px solid black; margin-bottom: 5px;">Name of Previous Operator</div><div style="border-bottom: 1px solid black; margin-bottom: 5px;">Name (print)</div><div style="border-bottom: 1px solid black; margin-bottom: 5px;">Title</div></div><div style="width: 50%;"><div style="border-bottom: 1px solid black; margin-bottom: 5px;">Signature</div><div style="display: flex; justify-content: space-between;"><div><input type="checkbox"/> Authorized Employee of previous operator</div><div><input type="checkbox"/> Authorized agent of previous operator (see instruction G)</div></div><div style="display: flex; justify-content: space-between;"><div style="border-bottom: 1px solid black; margin-bottom: 5px;">Date</div><div style="border-bottom: 1px solid black; margin-bottom: 5px;">Phone with area code</div></div></div></div>							
16. CURRENT OPERATOR CERTIFICATION. By signing this certificate as the Current Operator, I certify that all statements on this form are true and correct and I acknowledge responsibility for the regulatory compliance of the subject lease including plugging of well(s) pursuant to Rule 14. I further acknowledge that I assume responsibility for the physical operation, control, and proper plugging of each well designated in this filing. I also acknowledge that I will remain designated as the Current Operator until a new certificate designating a new Current Operator is approved by the Commission. <div style="display: flex; justify-content: space-between;"><div style="width: 45%;"><div style="border-bottom: 1px solid black; margin-bottom: 5px;">Name (print) Agent</div><div style="border-bottom: 1px solid black; margin-bottom: 5px;">Title lindajohnston@stateoilreports.com</div><div style="border-bottom: 1px solid black; margin-bottom: 5px;">E-mail Address (optional)</div></div><div style="width: 50%;"><div style="border-bottom: 1px solid black; margin-bottom: 5px;">Signature Linda Johnston</div><div style="display: flex; justify-content: space-between;"><div><input type="checkbox"/> Authorized Employee of current operator</div><div><input checked="" type="checkbox"/> Authorized agent of current operator (see instruction G)</div></div><div style="display: flex; justify-content: space-between;"><div style="border-bottom: 1px solid black; margin-bottom: 5px;">Date 09/24/2021</div><div style="border-bottom: 1px solid black; margin-bottom: 5px;">Phone with area code (830) 964-5963</div></div></div></div>							

GROUNDWATER PROTECTION DETERMINATION

Form GW-2



Groundwater Advisory Unit

Date Issued: 16 October 2019**GAU Number:** 256581**Attention:** MAVERICK OPERATING, LLC
1001 W WALL STREET
MIDLAND, TX 79701**API Number:** 22930235
County: HUDSPETH
Lease Name: University Cactus A25**Operator No.:** 534209**Lease Number:**
Well Number: 1
Total Vertical Depth: 8500
Latitude: 31.918381
Longitude: -105.808990
Datum: NAD27**Purpose:** Reentry (RE)**Location:** Survey-UL; Abstract-U35; Block-A; Section-35

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 1750 feet must be protected. Furthermore, inconclusive data in this office suggests the possibility of your encountering usable-quality water in the Permian. We suggest, therefore, that you exercise care in protecting any such water at this location as is required of you by Railroad Commission Rules 8 and 13.

This recommendation is applicable to all wells within a radius of 1000 feet of this location.

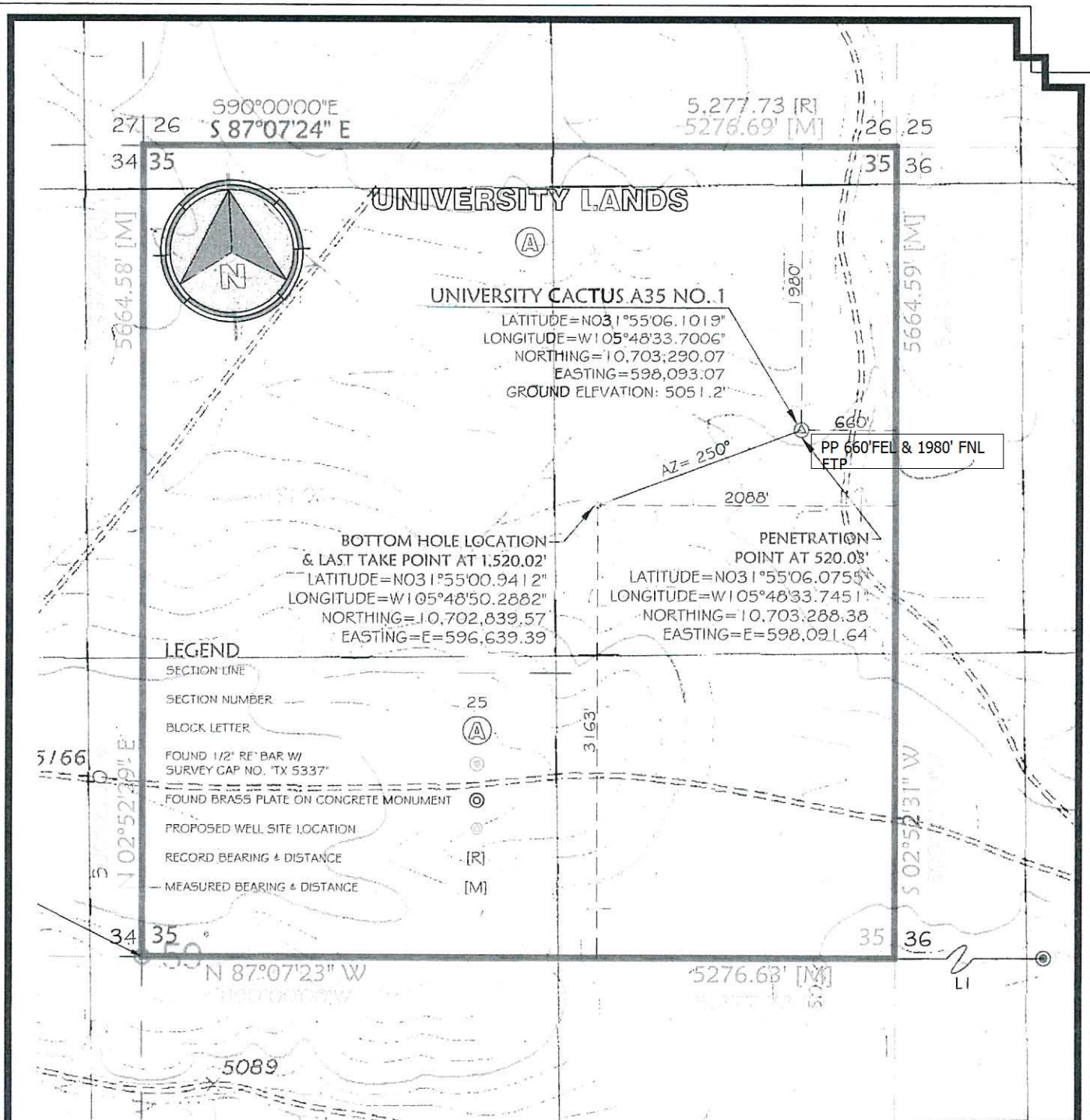
Note: Unless stated otherwise, this recommendation is intended to apply only to the subject well and not for area-wide use. Unless stated otherwise, this recommendation is for normal drilling, production, and plugging operations only.

This determination is based on information provided when the application was submitted on 09/26/2019. 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

Form GW-2 P.O. Box 12967 Austin, Texas 78771-2967 512-463-2741 Internet address: www.rrc.texas.gov
Rev. 02/2014

Sep 24, 2019 - 2:30pm
S:\Projects\07165 - MAVERICK OIL AND GAS\002 - MAVERICK UNIVERSITY WELL\07165-002-C3D07165-002-CACTUS A35-1-1520.dwg
agencalaz



SUPPLEMENTAL NOTES

1. BASIS OF BEARING IS NORTH AMERICAN HORIZONTAL DATUM OF 1983, OBTAINED BY G.P.S. OBSERVATION, AT PROJECT BASE STATION, A CHISELED 'X' SET ON A ROCK AT LATITUDE 31°58'12.62" NORTH AND LONGITUDE 105°49'17.68" WEST, FIELD MEASUREMENTS WERE THEN TRANSLATED TO BASE STATION USING ON-LINE POSITIONING USER SERVICE [OPUS] AT WWW.NGS.NOAA.GOV.
2. BASIS OF ELEVATION IS NORTH AMERICAN VERTICAL DATUM OF 1988, OBTAINED BY G.P.S. OBSERVATION, AT THE PROJECT BASE STATION AS DESCRIBED ABOVE. (ELEVATION = 5229.18' ~ NAVD88 DATUM)
3. CONVERGENCE ANGLE FROM THE TEXAS STATE PLANE COORDINATE SYSTEM, CENTRAL ZONE 4203 TO TRUE NORTH IS -02°49'36" AT THE ABOVE DESCRIBED PROJECT BASE STATION.
4. COORDINATES SHOWN HEREON ARE EXPRESSED AS TEXAS STATE PLANE, CENTRAL ZONE 4203, BEARINGS ARE EXPRESSED AT GRID AND DISTANCES ARE EXPRESSED AT SURFACE VALUE.
5. SURVEY WAS PERFORMED WITHOUT THE BENEFIT OF A TITLE COMMITMENT, EASEMENTS MAY EXIST WHERE NONE ARE SHOWN.
6. RECORD INFORMATION CONTAINED WITHIN BRACKETS AS PER FIELD NOTES FILED IN UNIVERSITY LAND VOLUME 5, PAGES 25, 26, 35 AND 36, HUDSPETH COUNTY, TEXAS.
7. UNIVERSITY CACTUS A35 NO. 1 IS LOCATED APPROXIMATELY 23 MILES NORTHWEST OF CORNUDAS, TEXAS.
8. USED FOR REFERENCE: SURVEY FOR UNIVERSITY FOUNDERS A25 No. 1 WELL PREPARED BY BROCK & BUSTILLOS INC., DATED DECEMBER 23, 2015, JOB No. 07052-002

CERTIFICATION

I HEREBY CERTIFY THAT THIS BOUNDARY SURVEY IS BASED ON AN ACTUAL SURVEY PERFORMED ON THE GROUND BY ME OR UNDER MY SUPERVISION AND THAT THE INFORMATION CONTAINED HEREON IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

AARON ALVARADO, TX. R.P.L.S. NO. 6223

09/24/19

LINE TABLE		
LINE	BEARING	LENGTH
L1 [M]	N02°52'33"W	5,664.60'
L1 [R]	N00°00'00"W	5,667.44'



HUDSPETH OPERATING, LLC

"UNIVERSITY CACTUS A35 No. 1 WELL"
LOCATED 660' FROM THE EAST LINE AND 1980' FROM THE NORTH LINE OF
SECTION 35, BLOCK A, UNIVERSITY LANDS, HUDSPETH COUNTY, TEXAS.

DRAWN BY: J.M. CHECKED BY: A.A. DATE: 09-24-2019 SCALE: 1" = 1000'



BROCK & BUSTILLOS INC.

CONSULTING CIVIL ENGINEERS
LAND SURVEYORS
TBPE REG. NO. F-737
TBPLS REG. NO. 101314-00

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FILE NO: 07165-002