



RAILROAD COMMISSION OF TEXAS

Form W-2

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

Status: Approved
Date: 11/18/2019
Tracking No.: 215275

OIL WELL POTENTIAL TEST, COMPLETION OR RECOMPLETION REPORT,

OPERATOR INFORMATION			
Operator	DIAMONDBACK E&P LLC	Operator	217012
Operator	500 W TEXAS AVE STE 1200 MIDLAND, TX 79701-4203		

WELL INFORMATION			
API	42-003-38101	County:	ANDREWS
Well No.:	4501	RRC District	08
Lease	M.A.K.(SPRABERRY)UNIT	Field	SPRABERRY (TREND AREA)
RRC Lease	50198	Field No.:	85280300
Location	Section: 45, Block: 6, Survey: UL, Abstract: U183		
Latitude	32.451589	Longitud	-102.211534
This well is 16.89 miles in a NW direction from TARZAN, which is the nearest town in the			

FILING INFORMATION			
Purpose of	Well Record Only		
Type of	Other/Recompletion		
Well Type:	Producing	Completion or Recompletion	01/29/1997
Type of Permit	Date	Permit No.	
Permit to Drill, Plug Back, or Rule 37 Exception	05/29/2019	853361	
Fluid Injection			
O&G Waste Disposal			
Other:			

COMPLETION INFORMATION			
Spud	12/08/1996	Date of first production after rig	01/29/1997
Date plug back, deepening, drilling operation	12/08/1996	Date plug back, deepening, recompletion, drilling operation	01/29/1997
Number of producing wells on this lease this field (reservoir) including this	13	Distance to nearest well in lease & reservoir	2327.0
Total number of acres in	3200.00	Elevation	
Total depth TVD	8748	Total depth MD	
Plug back depth TVD	8711	Plug back depth MD	
Was directional survey made other inclination (Form W-	No	Rotation time within surface casing Is Cementing Affidavit (Form W-15)	No
Recompletion or	Yes	Multiple	No
Type(s) of electric or other log(s)	Gamma Ray (MWD)		
Electric Log Other Description:			
Location of well, relative to nearest lease of lease on which this well is	1742.0 Feet from the	Off Lease :	No
	2116.0 Feet from the	West Line and	
		South Line of the	
		M.A.K. (SPRABERRY) UNIT	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	M.A.K. (SPRABERRY)	35243	4501
FOR NEW DRILL OR RE-ENTRY, SURFACE CASING DEPTH DETERMINED BY:			
GAU Groundwater Protection Determination	Depth	Date	
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 (in.)	Size	Depth	Stage Tool	Stage Shoe	Class	Amoun	Volume (cu.	Cement (ft.)	Determined By
1	Surface	8 5/8	12 1/4	1987			C	900	1918.0	0	Circulated to Surface
2	Conventional Production	5 1/2	7 7/8	8724	6091		C	2345	4554.0	0	Circulated to Surface

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 7/8	8601	
		<u>Packer Depth (ft.)/Type</u>	
		/	

PRODUCING/INJECTION/DISPOSAL INTERVAL			
<u>Ro</u>	<u>Open hole?</u>	<u>From (ft.)</u>	<u>To (ft.)</u>
1	No	L 8554	8654.0

ACID, FRACTURE, CEMENT SQUEEZE, CAST IRON BRIDGE PLUG, RETAINER, ETC.			
Was hydraulic fracturing treatment	No		
Is well equipped with a downhole sleeve?	No	If yes, actuation pressure	
Production casing test pressure (PSIG) during hydraulic fracturing		Actual maximum pressure (PSIG) during fracturin	
Has the hydraulic fracturing fluid disclosure been	No		
<u>Ro</u>	<u>Type of Operation</u>	<u>Amount and Kind of Material Used</u>	<u>Depth Interval (ft.)</u>
N/A			

FORMATION RECORD

<u>Formations</u>	<u>Encountere</u>	<u>Depth TVD</u>	<u>Depth MD</u>	<u>Is formation</u>	<u>Remarks</u>
SAN ANDRES	No	4433.0		No	
CLEAR FORK	No	6375.0		No	
SPRABERRY	No	8232.0		No	
SPRABERRY	No	8793.0		No	

No

No

REMARKS

THIS WELL IS PERMITTED FOR FIELD TRANSFER TO SPRABERRY (TREND AREA) (85280300) FROM SPRABERRY (56082500).

FIELD TRANSFER EFFECTIVE DATE 01/01/2019

RRC REMARKS

PUBLIC COMMENTS:

CASING RECORD :

TUBING RECORD:

PRODUCING/INJECTION/DISPOSAL INTERVAL :

ACIDIZED W/ 1000 GAL 7 1/2 %HCL

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

POTENTIAL TEST DATA:

OPERATOR'S CERTIFICATION

Printed	Delia Skinner	Title:	Senior Regulatory Analyst
Telephone	(432) 684-3692	Date	10/30/2019

Title:	Senior Regulatory Analyst
Date	10/30/2019

CHRISTI CRADDICK, CHAIRMAN
RYAN SITTON, COMMISSIONER
WAYNE CHRISTIAN, COMMISSIONER



DANNY SORRELLS
DIRECTOR, OIL AND GAS DIVISION
PAUL DUBOIS
ASSISTANT DIRECTOR, TECHNICAL PERMITTING

RAILROAD COMMISSION OF TEXAS

OIL AND GAS DIVISION

January 07, 2019

DIAMONDBACK E&P LLC
ATTN: REGULATORY DEPARTMENT
500 W TEXAS AVE STE 1200
MIDLAND TX 79701-4203

RE: M.A.K. (SPRABERRY) UNIT — WELL NO. 4501
ANDREWS COUNTY, DISTRICT 08, TEXAS
API NO. 003-38101
LEASE/ID NO. 35243
PRODUCING INTERVAL: 8554' – 8654'

Dear Operator:

The Commission has approved your request to transfer the above-referenced well from the M.A.K. (SPRABERRY) (56082500) field to the SPRABERRY (TREND AREA) (85280300) field.

Please file Forms G-1/W-2, P-4, and W-1 (if not already done) for the well with the new field name indicating the transfer comments in the remarks section. If the previous completion report associated with lease/ID no. 35255 showed perforations, mark "field transfer" in item #6 of the Form W-1. If this completion report did not show perforations, mark "recompletion" instead. Contact the district 08 proration analyst, if you have any questions or to determine if a Form P-15 with plat is required.

Please note: If this well has a Rule 10 exception for the current field, it will be necessary to obtain a new Rule 10 exception letter for this well for the SPRABERRY (TREND AREA) (85280300) field.

Sincerely,

A handwritten signature in blue ink that reads "Matt Faubel".

Matt Faubel
Eng. Specialist
Technical Permitting

API # 003-38101
01/07/2019-02/06/2019

DISTRICT:	08
LEASE/ID NO.:	35255
WELL NO.:	1
API NO.:	003-38101
FIELD NAME:	M.A.K. (SPRABERRY)
FIELD NO.:	56082500



RAILROAD COMMISSION OF TEXAS

1701 N. Congress
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Form P-16

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Acreage Designation

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 I. OPERATOR INFORMATION			
Operator Name:	DIAMONDBACK E&P LLC	Operator P-5 No.:	217012
Operator Address:	500 W TEXAS STE 1200 MIDLAND, TX 79701		

SECTION II. WELL INFORMATION			
District No.:	08	API No.:	003-38101
Well No.:	4501	Drilling Permit No.:	853361
Lease Name:	M.A.K. (SPRABERRY) UNIT	RRC ID or Lease No.:	50198
Total Lease Acres:	3200.00	Field Name:	SPRABERRY (TREND AREA)
Proration Acres:	160.00	Field No.:	85280300
Wellbore Profile	Vertical Well	Is this a UFT field?	Yes
SL Record (Parent) Well Drilling Permit No.:		County:	ANDREWS

Purpose of Filing:
☐ Drilling Permit Application (Form W-1)
☒ Completion Report (Form G-1/W-2)

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							
RRC ID No. or Lease No.	Well No.	Profile	Lease Name	API No.	Acres Assigned	SWR 38 Except. (Y/N)	Operator Name and Operator No. (if different from filing operator)
50198	4203	Vert.	M.A.K. (SPRABERRY) UNIT	317-00022	160.00	N	
50198	4207	Vert.	M.A.K. (SPRABERRY) UNIT	317-10047	160.00	N	
50198	3001	Vert.	M.A.K. (SPRABERRY) UNIT	317-31414	160.00	N	
50198	4501	Vert.	M.A.K. (SPRABERRY) UNIT	003-38101	160.00	N	
50198	4103	Vert.	M.A.K. (SPRABERRY) UNIT	317-31294	160.00	N	
50198	4106	Vert.	M.A.K. (SPRABERRY) UNIT	317-32480	160.00	N	
50198	3002	Vert.	M.A.K. (SPRABERRY) UNIT	317-32613	160.00	N	
50198	4201	Vert.	M.A.K. (SPRABERRY) UNIT	317-33934	160.00	N	
50198	4102	Vert.	M.A.K. (SPRABERRY) UNIT	317-34058	160.00	N	
50198	2907	Vert.	M.A.K. (SPRABERRY) UNIT	317-34067	160.00	N	
50198	2901	Vert.	M.A.K. (SPRABERRY) UNIT	317-34069	160.00	N	
50198	2902	Vert.	M.A.K. (SPRABERRY) UNIT	317-34070	160.00	N	
50198	2701H	Horiz.	M.A.K. (SPRABERRY) UNIT	317-40803	480.00	N	
50759	1	PSA	UL COMANCHE 42A	317-41272	160.00	N	
50760	2	PSA	UL COMANCHE 42B	317-41271	160.00	N	

A. Total Assigned Horiz. Acreage = 800.00

Total Remaining Horiz. Acreage = 2400.00

B. Total Assigned Vert./Dir. Acreage = 1920.00

Total Remaining Vert./Dir. Acreage = 1280.00

C. Total Assigned Acreage = 2720.00

Total Remaining Acreage = 3680.00

SECTION IV. REMARKS - REQUIRED FOR PSA AND CO-DEVELOPMENT (refer to instructions)

Attach Additional Pages As Needed.

☐ No additional pages☒ Additional Pages: 1 (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.

Delia Skinner
Signature

Delia Skinner Sr. Regulatory Analyst
Name and title (type or print)

OSKINNER@DIAMONDBACKENERGY.COM

Email
(include email address only if you affirmatively consent to its public release)

500 W TEXAS STE 1200 MIDLAND TX 79701
Address City, State, Zip Code

432-684-3692
Tel: Area Code Number

10/22/19
Date: mo. day yr.

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

Rev. 02/2019

C. Total Assigned Acreage	=	80.00
Total Remaining Acreage	=	6320.00



0 1000' 2000'
1" = 2000 FEET

UL
A-U160
SEC. 17
BLK 6

UL
A-U159
SEC. 16
BLK 6

UL
A-U4
SEC. 16
BLK 6

UL
A-U3
SEC. 15
BLK 6

UL
A-U169
SEC. 26
BLK 6

UL
A-U170
SEC. 27
BLK 6

UL
A-U5
SEC. 27
BLK 6

UL
A-U6
SEC. 28
BLK 6

M.A.K. LEASE
3,200.0 ACRES

UL
A-U171
SEC. 30
BLK 6

UL
A-U7
SEC. 29
BLK 6

UL
A-U172
SEC. 31
BLK 6

UL
A-U8
SEC. 30
BLK 6

UL
A-U182
SEC. 41
BLK 6

UL
A-U10
SEC. 41
BLK 6

UL
A-U11
SEC. 42
BLK 6

UL
A-U181
SEC. 40
BLK 6

UL
A-U12
SEC. 43
BLK 6

UL
A-U183
SEC. 45
BLK 6

UL
A-U14
SEC. 45
BLK 6

UL
A-U13
SEC. 44
BLK 6

UL
A-U188
SEC. 3
BLK 7

UL
A-U17
SEC. 3
BLK 7

UL
A-U16
SEC. 2
BLK 7

UL
A-U15
SEC. 1
BLK 7

GENERAL NOTES

1. COORDINATES SHOWN ARE BASED ON TEXAS COORDINATE SYSTEM OF NAD 27 "TEXAS NORTH CENTRAL ZONE"
2. VERTICAL DATUM IS NAVD 88
3. LATITUDE AND LONGITUDE ARE NAD 27 AS SHOWN
4. AREA, DISTANCES, AND COORDINATES ARE "GRID"
5. UNITS ARE UNITED STATES SURVEY FOOT.
6. ALL LEASE AND TRACT INFORMATION SHOWN HERE ON IS DONE SO BY LIMITED DEED RECORD INFORMATION ONLY. ALL ACRESAGES SHOWN ARE BY DEED AND LEASE CALL, EXCEPT WHERE NOTED. THIS IS NOT IN ANY WAY A "BOUNDARY SURVEY".

I HEREBY STATE THAT THIS PLAT SHOWS THE SUBJECT SURFACE LOCATION PER CLIENTS' REQUEST

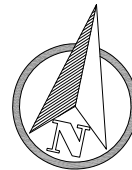

SERGIO Z. CANALES
REGISTERED PROFESSIONAL LAND SURVEYOR
STATE OF TEXAS NO. 6040



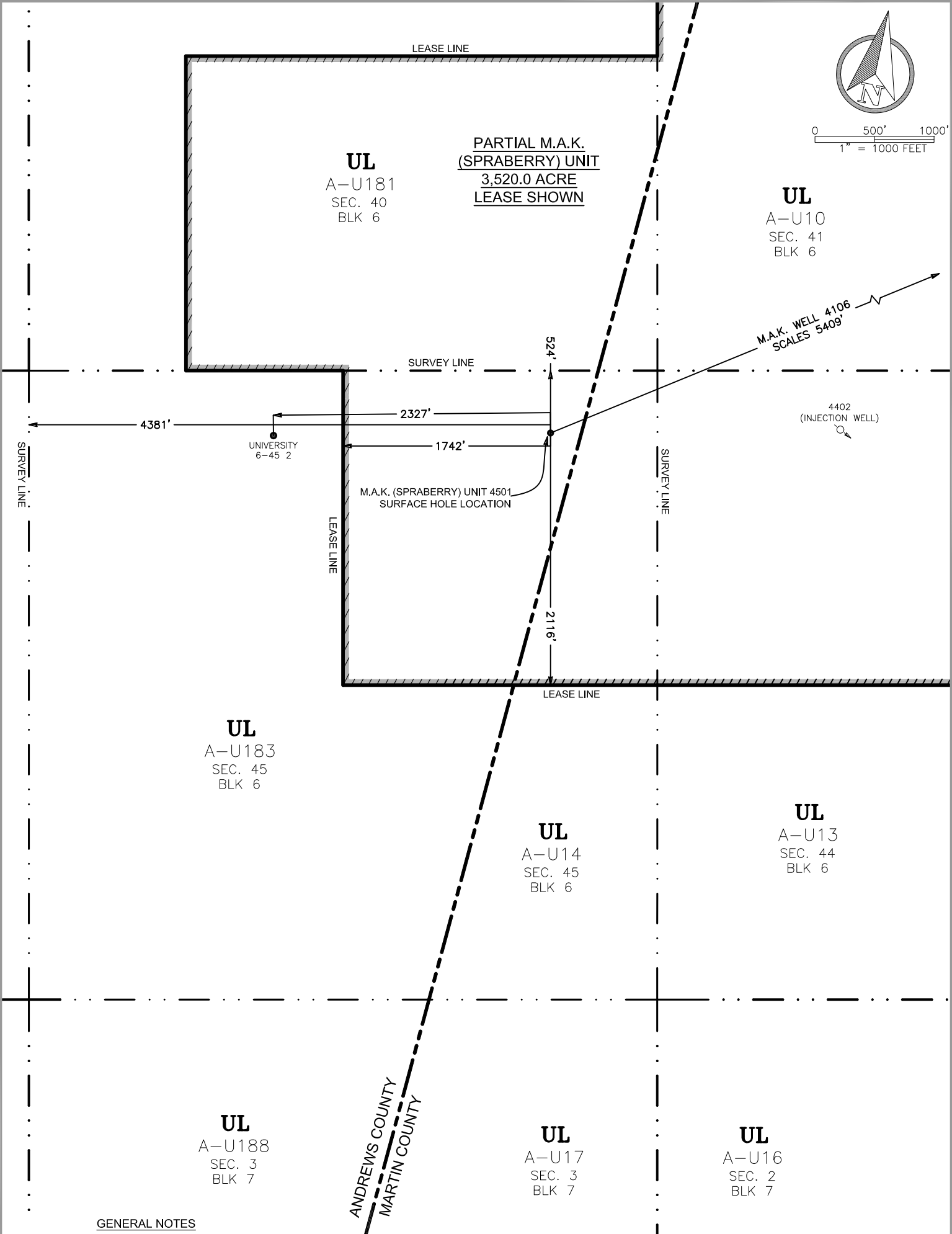
FSC INC
SURVEYORS + ENGINEERS
550 Bailey Ave., 205 - Fort Worth, TX 76107
Ph: 817.349.9800 - Fax: 979.732.5271
TBPE Firm 17957 | TBPLS Firm 10193887
www.fscinc.net

A LEASE PLAT FOR:
DIAMONDBACK E&P LLC
M.A.K.(SPRABERRY) UNIT LEASE
SITUATED IN THE UNIVERSITY LAND SURVEYS,
IN ANDREWS AND MARTIN COUNTIES, BEING
APPROXIMATELY 21.99 MILES NORTHEAST OF
ANDREWS IN ANDREWS COUNTY, TEXAS.

DATE: 09-25-19
DRAWN BY: MC
CHECKED BY: HR/SCZ
FIELD CREW: OFFICE
PROJECT NO: 2019041058
SCALE: 1" = 2000'
SHEET: 1 OF 1
REVISION: 1



0 500' 1000'
1" = 1000 FEET



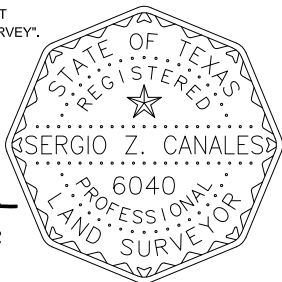
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[Signature]

SERGIO Z. CANALES
REGISTERED PROFESSIONAL LAND SURVEYOR
STATE OF TEXAS NO. 6040



WELL NUMBER	LEASE CALLS	SURVEY CALLS	NAD. 27 TEXAS STATE PLANE COORDINATES	NAD. 27 GEOGRAPHIC COORDINATES (DMS)	NAD. 27 GEOGRAPHIC COORDINATES (DD)	NAD. 83 GEOGRAPHIC COORDINATES (DD)
4501 SHL	1,742' FWL 2,116' FSL	524' FNL 4,381' FWL	Y = 318,142.88 X = 547,113.97	LAT. = 32°27'05.72" N LONG. = 102°12'41.52" W	LAT. = 32.4515890° N LONG. = 102.2115344° W	LAT. = 32.4516937° N LONG. = 102.2119679° W



3814 Acushnet Dr., Ste. 204
Corpus Christi, TX 78413
Ph: 817.349.9800 – Fax: 979.732.5271
TBPE Firm 17957 | TBPLS Firm 10194407
www.fscinc.net

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A WELL LOCATION PLAT FOR:
DIAMONDBACK E&P LLC

M.A.K.(SPRABERRY) UNIT 4501

SITUATED IN THE UNIVERSITY LAND SURVEY,
A-U183, SEC. 45, BLK. 6, BEING
APPROXIMATELY 21.5 MILES NORTHEAST OF
ANDREWS IN ANDREWS COUNTY, TEXAS.

DATE: 05/15/2019
DRAWN BY: MC
CHECKED BY: HR/SZC
FIELD CREW: OFFICE
PROJECT NO: 2019041063
SCALE: 1" = 1000'
SHEET: 1 OF 1
REVISION: NO