

OKLAHOMA CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
P.O. BOX 52000  
OKLAHOMA CITY, OK 73152-2000  
(Rule 165:10-3-1)

API NUMBER: 087 22241

Approval Date: 05/20/2019

Expiration Date: 11/20/2020

Directional Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 20 Twp: 5N Rge: 4W

County: MCCLAIN

SPOT LOCATION: ☐ SW ☐ SW ☐ NW ☐ SE

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 1620 2439

Lease Name: MUSTANG

Well No: 1-20

Well will be 206 feet from nearest unit or lease boundary.

Operator Name: RED ROCKS OIL & GAS OPERATING LLC

Telephone: 4056003065

OTC/OCC Number: 22649 0

RED ROCKS OIL & GAS OPERATING LLC  
1141 N ROBINSON AVE STE 301  
OKLAHOMA CITY, OK 73103-4919

POTEET FAMILY TRUST  
PO BOX 729  
LINDSAY OK 73052

Formation(s) (Permit Valid for Listed Formations Only):

	Name	Depth	Name	Depth
1	SYCAMORE	9550	6	
2	HUNTON	9995	7	
3	VIOLA	10675	8	
4	SIMPSON (ABOVE OIL CREEK)	11240	9	
5			10	

Spacing Orders: 27823  
50762  
308719  
317021

Location Exception Orders:

Increased Density Orders: 695371

Pending CD Numbers:

Special Orders:

Total Depth: 12255

Ground Elevation: 1140

**Surface Casing: 2000**

Depth to base of Treatable Water-Bearing FM: 200

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

**PIT 1 INFORMATION**

Approved Method for disposal of Drilling Fluids:

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: WATER BASED

Chlorides Max: 5000 Average: 3000

Is depth to top of ground water greater than 10ft below base of pit? Y

Within 1 mile of municipal water well? N

Wellhead Protection Area? N

Pit is located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is BED AQUIFER

Pit Location Formation: DUNCAN

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 19-36464  
H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

**DIRECTIONAL HOLE 1**

Sec 20 Twp 5N Rge 4W County MCCLAIN

Spot Location of End Point: C NE SW SE

Feet From: SOUTH 1/4 Section Line: 990

Feet From: EAST 1/4 Section Line: 1650

Measured Total Depth: 12255

True Vertical Depth: 12225

End Point Location from Lease,

Unit, or Property Line: 330

This permit does not address the right of entry or settlement of surface damages.

The duration of this permit is SIX MONTHS, except as otherwise provided by Rule 165: 10-3-1.

Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

Notes:

Category	Description
DEEP SURFACE CASING	5/14/2019 - GB6 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING
HYDRAULIC FRACTURING	5/6/2019 - G71 - OCC 165:10-3-10 REQUIRES:  1) PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE;  2) WITH NOTICE ALSO GIVEN 48 HOURS IN ADVANCE OF HYDRAULIC FRACTURING ALL WELLS TO BOTH THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES, USING THE "FRAC NOTICE FORM" FOUND AT THE FOLLOWING LINK: <a href="http://OCCWEB.COM/OG/OGFORMS.HTML">OCCWEB.COM/OG/OGFORMS.HTML</a> ; AND,  3) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION THE HYDRAULIC FRACTURING OPERATIONS, USING THE FOLLOWING LINK: <a href="http://FRACFOCUS.ORG">FRACFOCUS.ORG</a>
INCREASED DENSITY – 695371	5/15/2019 - GB6 - (F.O.) W2 SE4 20-5N-4W X290503**/317021 SCMR X50762 HNTN X308719 VIOL XOTHER 1 WELL RED ROCKS OIL & GAS OPERATING, L.L.C. 4/30/2019  **SP. ORDER 290503 DOES NOT APPLY TO 20-5N-4W S/B REMOVED FROM ORDER; CORRECTED BY NPT REVIEWED BY OCC TECHNICAL OK PER MCCOY
SPACING – 27823	5/15/2019 - GB6 - (80) E2 20-5N-4W SU NE/SW EST SPAOC SUPERSEDE BY RULE 1-501 (NCT 330' FB)
SPACING – 308719	5/15/2019 - GB6 - (80) W2 SE4 20-5N-4W SU (SW4 SE4 NLT 330' FB) EXT 48672 VIOL
SPACING – 317021	5/15/2019 - GB6 - (80) W2 SE4 20-5N-4W SU (SW4 SE4 NLT 330' FB) EST SCMR
SPACING – 50762	5/15/2019 - GB6 - (80) W2 NE4 & SE4 20-5N-4W SU NE/SW VAC 20066 HNTN W2 NE4, OTHER EST HNTN SUPERSEDE BY RULE 1-501 (NCT 330' FB)

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087 22241 MUSTANG 1-20

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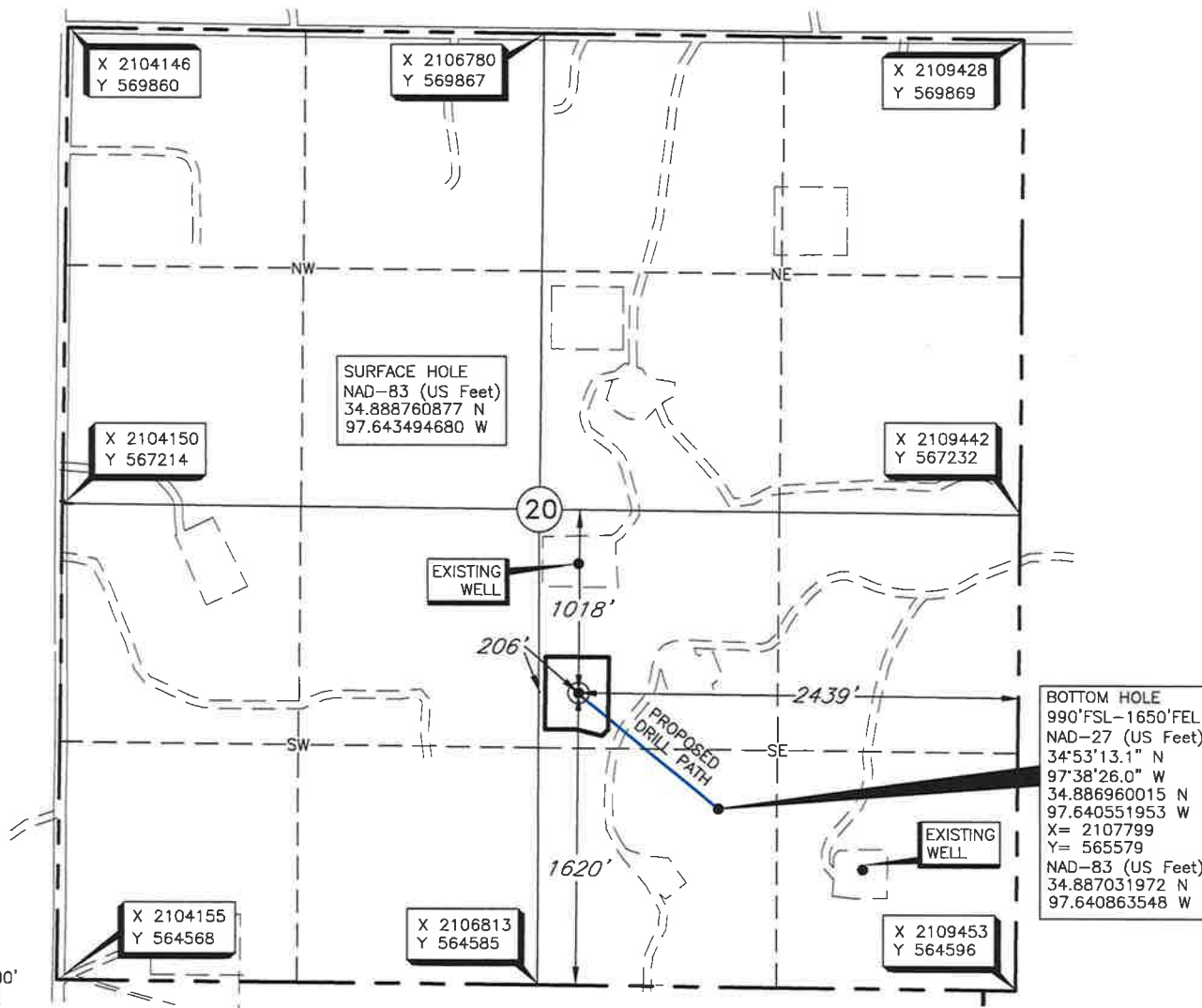
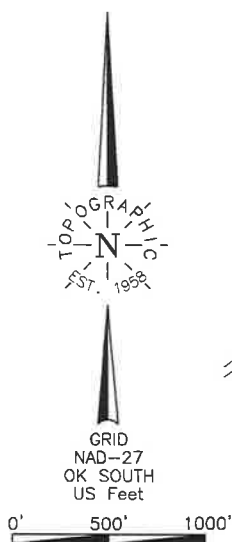
**TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA**13800 Wireless Way, Okla. City, OK. 73134 (405) 843-4847 \* OUT OF STATE (800) 654-3219  
Certificate of Authorization No. 1293 LS

35-087-22241

McCLAIN

County, Oklahoma

1620' FSL-2439' FEL Section 20 Township 5N Range 4W I.M.

**NOTE:**  
The information shown herein is for  
construction purposes ONLY.BOTTOM HOLE AND DRILL PATH INFORMATION  
PROVIDED BY OPERATOR LISTED, NOT SURVEYED.Operator: RED ROCK OIL & GAS OPERATING, LLCLease Name: MUSTANGWell No.: 1-20**ELEVATION:**

1140' Gr. at Stake NGVD29

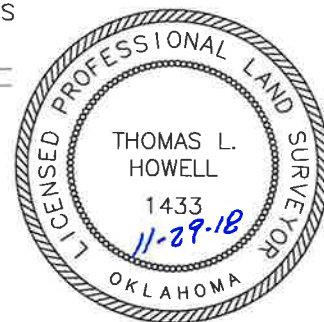
1141' Gr. at Stake NAVD88

Topography & Vegetation LOC. FELL IN PASTURE WITH SCATTERED LIGHT BRUSHGood Drill Site? YESReference Stakes or Alternate Location  
Stakes Set NONEBest Accessibility to Location FROM EAST OFF STATE HIGHWAY 76

Distance &amp; Direction

from Hwy Jct or Town AT JUNCTION OF STATE HIGHWAY 76 & McCLAIN-GARVIN COUNTY COUNTY LINE, GO ±3.8 MILES  
NORTH ON STATE HIGHWAY 76 TO LEASE ROAD WEST FOLLOW LEASE ROAD ±0.5 MILES WEST  
TO EAST SECTION LINE 20-T5N-R4WDate of Drawing: Nov. 27, 2018

SS

Invoice # 307283 Date Staked: Nov. 21, 2018**CERTIFICATE:**I, Thomas L. Howell an Oklahoma Licensed Land  
Surveyor and an authorized agent of Topographic Land  
Surveyors of Oklahoma, do hereby certify to the  
information shown hereinThomas L. Howell  
Oklahoma Lic. No. 1433This information was  
gathered with a GPS receiver  
with ±1 foot Horiz./Vert. accuracy.DATUM: NAD-27  
LAT: 34°53'19.3\"

# TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

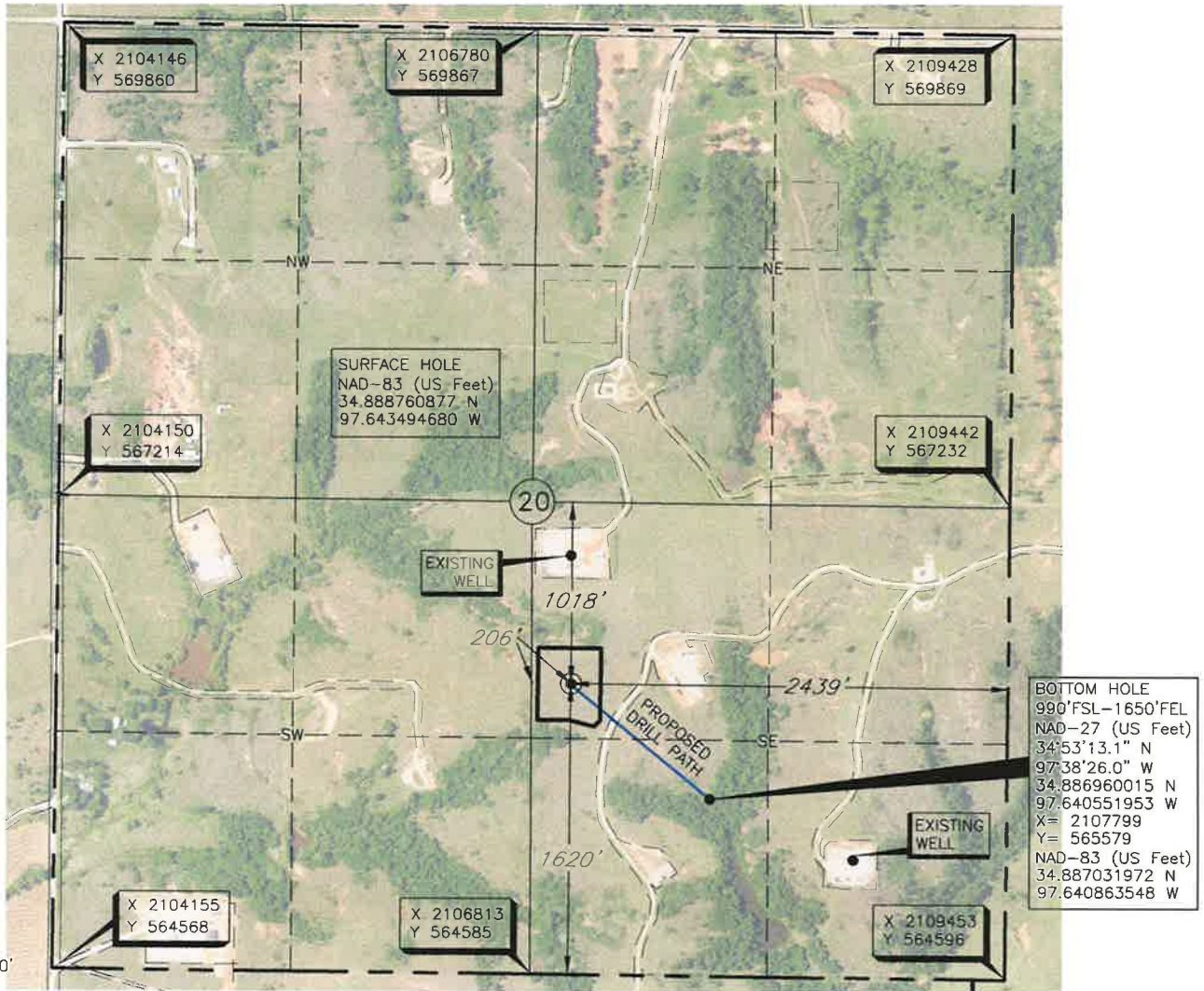
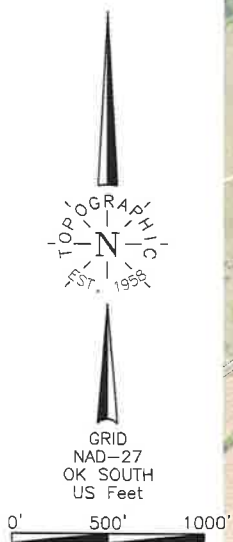
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Lease Name: MUSTANG

Well No.: 1-20

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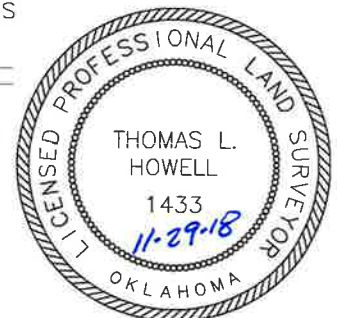
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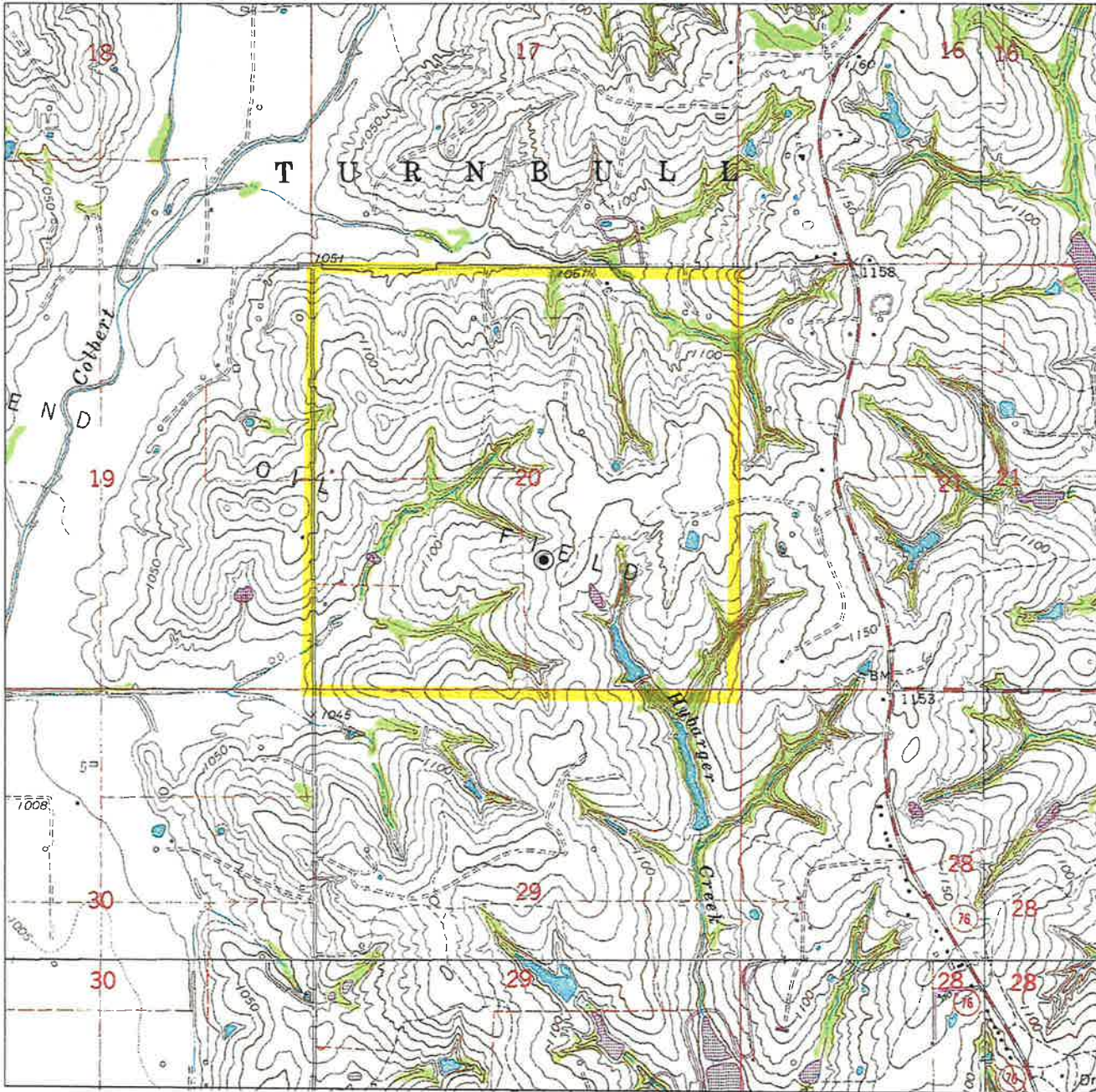


This information was  
gathered with a GPS receiver  
with ±1 foot Horiz./Vert. accuracy

DATUM: NAD-27  
LAT: 34°53'19.3" N  
LONG: 97°38'35.5" W  
LAT: 34.888688991° N  
LONG: 97.643182978° W  
STATE PLANE  
COORDINATES: (US Feet)  
ZONE: SOUTH  
X: 2107008  
Y: 566205



LOCATION & ELEVATION VERIFICATION MAP



Sec. 20 Twp. 5N Rng. 4W IM

County McCLAIN State OK

Operator RED ROCK OIL & GAS OPERATING, LLC

Description 1620'FSL-2439'FEL

Lease MUSTANG 1-20

Elevation 1140' Gr. at Stake NGVD29

Elevation 1141' Gr. at Stake NAVD88

Above Background Data from  
U.S.G.S. Topographic Map  
Scale: 1"=2000'

Contour Interval 10'

When elevation is shown hereon it is the ground  
elevation of the location stake.  
Review this plat and inform us immediately of  
any possible discrepancy.



LAND SURVEYORS OF OKLAHOMA

NOV. 21, 2018



# TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

*Surveying and Mapping for the Energy Industry*  
 13800 Wireless Way, Okla. City, OK. 73134 [www.topographic.com](http://www.topographic.com)  
 Telephone Numbers: Local (405) 843-4847 Toll Free (800) 654-3219

## VICINITY MAP



Scale: 1" = 3 Miles

Sec. 20 Twp. 5N Rng. 4W IM

County McCLAIN State OK

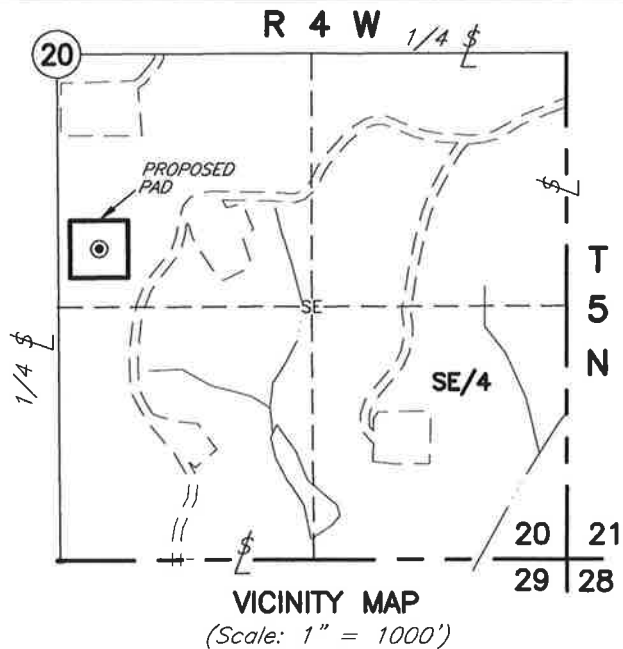
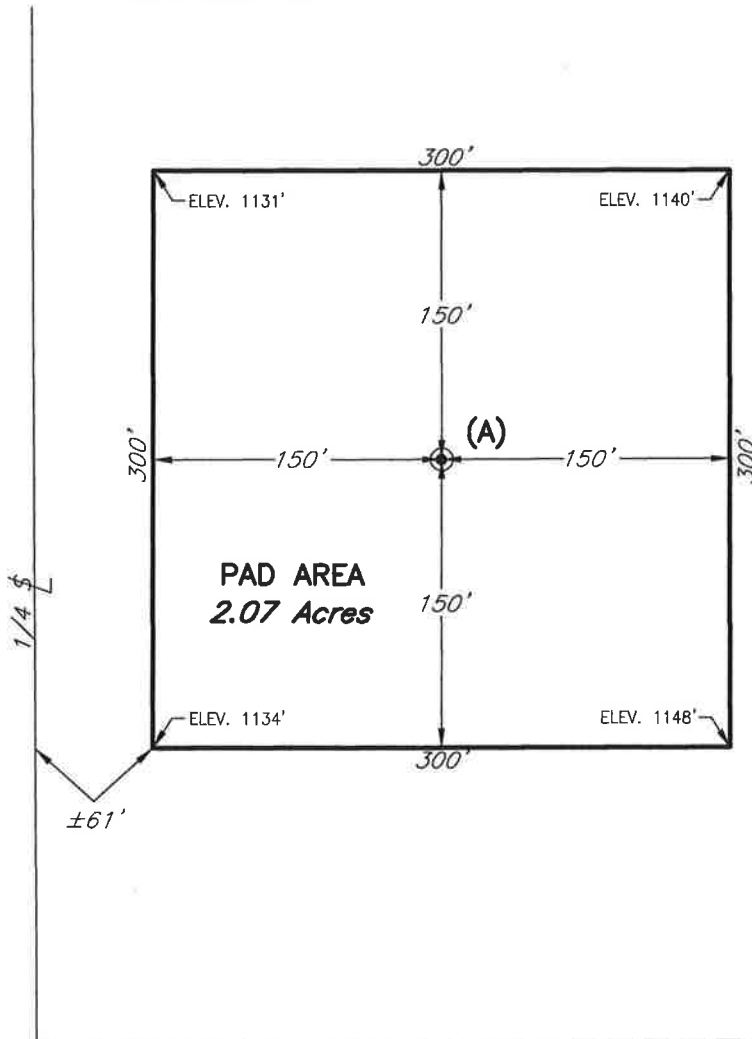
Operator RED ROCK OIL & GAS OPERATING, LLC



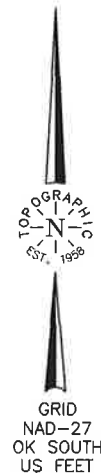
LAND SURVEYORS OF OKLAHOMA

# T 5 N - R 4 W (INDIAN MERIDIAN)

(A) RED ROCK OIL & GAS OPERATING, LLC  
MUSTANG 1-20  
1620' FSL-2439' FEL  
Elev. 1140' Gr.



SECTION 20  
SE/4



0 100'

PLAT SHOWING  
PROPOSED PAD AREA IN THE  
SE/4 OF SECTION 20, T5N-R4W  
McCLAIN, OKLAHOMA

NOTE:

The information shown herein  
is for construction purposes  
ONLY.

This plat was prepared exclusively for				RED ROCK OIL & GAS OPERATING, LLC		SCALE: 1"=100'
1	REDUCE PAD OUTLINE	3/22/19	KH	and may not be relied upon by any other entity without the written consent of Topographic Land Surveyors of Oklahoma		DATE: 11-27-18
NO.	REVISION	DATE	BY	TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA		INVOICE/PROJECT: 307283/125156
SUR. BY: ES 3-21-19				13800 Wireless Way, Okla. City, OK. 73134 (405) 843-4847		FILE NAME: L2028_revA.DWG
DRAWN BY: SS				Certificate of Authorization No. 1293 LS		DWG NO.: 11849-L2-028-A
APPROVED BY: TH						SHEET 1 OF 1