

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

API NUMBER: 051 24389

Approval Date: 06/18/2018

Expiration Date: 12/18/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 05 Twp: 8N Rge: 7W

County: GRADY

SPOT LOCATION: ☐ SE ☐ SE ☐ SW ☐ SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 250 1050

Lease Name: RICHARDSON

Well No: 1H-5-32-29X

Well will be 250 feet from nearest unit or lease boundary.

Operator Name: TRP OPERATING LLC

Telephone: 8327091170

OTC/OCC Number: 24068 0

TRP OPERATING LLC
PO BOX 128
HOUSTON, TX 77001-0128

STEPHEN H. & GLENDA F. RICHARDSON
1404 WEST CARDINAL STREET
POCASSETT OK 73079

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	13063	6	
2	WOODFORD	13530	7	
3			8	
4			9	
5			10	

Spacing Orders: 677568
678921

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201802066
201802067

Special Orders:

Total Depth: 24775

Ground Elevation: 1188

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 500

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: 3500 Average: 1500

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 not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is NON HSA

Pit Location Formation: DOG CREEK

D. One time land application -- (REQUIRES PERMIT)

PERMIT NO: 18-34638

H. SEE MEMO

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.

PIT 2 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: OIL BASED

Chlorides Max: 300000 Average: 200000

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 not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is NON HSA

Pit Location Formation: DOG CREEK

HORIZONTAL HOLE 1

Sec 29 Twp 9N Rge 7W County GRADY

Spot Location of End Point: NW NW SE SW

Feet From: SOUTH 1/4 Section Line: 1080

Feet From: WEST 1/4 Section Line: 1357

Depth of Deviation: 12774

Radius of Turn: 382

Direction: 1

Total Length: 11401

Measured Total Depth: 24775

True Vertical Depth: 13530

End Point Location from Lease,
Unit, or Property Line: 1080

Notes:

Category

Description

DEEP SURFACE CASING

6/7/2018 - G71 - 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

6/7/2018 - 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: OCCEWEB.COM/OG/OGFORMS.HTML; 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: FRACFOCUS.ORG

MEMO

6/7/2018 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

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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.

051 24389 RICHARDSON 1H-5-32-29X

Category	Description
PENDING CD - 201802066	6/18/2018 - G57 - (I.O.) 5-8N-7W, 32 & 29-9N-7W EST MULTIUNIT HORIZONTAL WELL X677568 MSSP, WDFD 5-8N-7W & 32-9N-7W X678921 MSSP, WDFD 29-9N-7W (WDFD IS AN ADJACENT COMMON SOURCE OF SUPPLY TO THE MSSP) 42% 5-8N-7W 49% 32-9N-7W 9% 29-9N-7W TRP MIDCON, LLC. REC 4-2-2018 (DENTON)
PENDING CD - 201802067	6/18/2018 - G57 - (I.O.) 5-8N-7W, 32 & 29-9N-7W X677568 MSSP, WDFD 5-8N-7W & 32-9N-7W X678921 MSSP, WDFD 29-9N-7W COMPL. INT. (5-8N-7W) NCT 165' FSL, NCT 0' FNL, NCT 330' FWL COMPL. INT. (32-9N-7W) NCT 0' FSL, NCT 0' FNL, NCT 330' FWL COMPL. INT. (29-9N-7W) NCT 0' FSL, NCT 165' FNL, NCT 330' FWL NO OP. NAMED REC 4-2-2018 (DENTON)
SPACING - 677568	6/18/2018 - G57 - (640)(HOR) 5-8N-7W, 32-9N-7W VAC 244053 MSSLM, OTHER 32-9N-7W EST MSSP, WDFD, OTHER POE TO BHL (MSSP) NLT 660' FB POE TO BHL (WDFD) NLT 165' FNL & FSL, NLT 330' FEL & FWL
SPACING - 678921	6/18/2018 - G57 - (640) 29-9N-7W VAC 262457 CSTR EXT 581021 WDFD EXT OTHER EST MSSP

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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.

SECTION 5, T 08 N - R 07 W, I.M., SECTIONS 29 & 32, T 09 N - R 07 W, I.M.,
GRADY COUNTY, OKLAHOMA GRADY COUNTY, OKLAHOMA

BEARINGS ARE GRID
OKLAHOMA SPC, NAD 27, SOUTH ZONE

W/4 COR. (NAD 27)
LAT: (N35°13'31.37")
LONG : (W97°58'15.80")

E/4 COR. (NAD27)
LAT: (N35°13'31.35")
LONG : (W97°57'12.10")

TERMINUS POINT
1080' FSL - 1357' FWL
LAT.: N35°13'16"
LONG.: W97°57'59"

LAST TAKE POINT
1000' FSL - 1357' FWL
LAT.: N35°13'15"
LONG.: W97°57'59"

NW CORNER (NAD 27)
LAT: N35°13'05.26"
LONG: W97°58'15.82"
ELEV: 1175.0'

N/4 COR. (NAD 27)
LAT: (N35°13'05.25")
LONG : (W97°57'43.97")

NE CORNER (NAD 27)
LAT: N35°13'05.23"
LONG: W97°57'12.12"
ELEV: 1220.7'

W/4 COR. (NAD 27)
LAT: N35°12'39.14"
LONG: W97°58'15.84"
ELEV: 1206.9'

E/4 COR. (NAD27)
LAT: (N35°12'39.12")
LONG : (W97°57'12.14")

SW CORNER (NAD 27)
LAT: N35°12'13.03"
LONG: W97°58'15.86"
ELEV: 1185.2'

N/4 COR. (NAD 27)
LAT: (N35°12'13.03")
LONG : (W97°57'43.96")

N/4 COR. (NAD 27)
LAT: (N35°12'13.03")
LONG : (W97°57'39.55")

SE CORNER (NAD 27)
LAT: N35°12'13.02"
LONG: W97°57'12.15"
ELEV: 1203.0'

NW CORNER (NAD 27)
LAT: N35°12'13.03"
LONG: W97°58'11.43"
ELEV: 1178.8'

NE CORNER (NAD 27)
LAT: N35°12'13.00"
LONG: W97°57'07.73"
ELEV: 1199.7'

W/4 COR. (NAD 27)
LAT: (N35°11'47.53")
LONG : (W97°58'11.36")

E/4 COR. (NAD 27)
LAT: N35°11'47.51"
LONG: W97°57'07.70"
ELEV: 1195.9'

FIRST TAKE POINT
165' FSL - 990' FWL
LAT.: N35°11'23"
LONG.: W97°57'59"

DATUM: NAD 27
LAT.: N35°11'24"
LONG.: W97°57'59"
LAT.: N35.189939
LONG.: W97.966288
SPC (US FEET): OK-S
X: 2010074
Y: 675660

SW CORNER (NAD 27)
LAT: N35°11'21.29"
LONG: W97°58'11.28"
ELEV: 1183.2'

S/4 COR. (NAD 27)
LAT: N35°11'21.34"
LONG: W97°57'39.49"
ELEV: 1151.0'

SE CORNER (NAD 27)
LAT: N35°11'21.40"
LONG: W97°57'07.71"
ELEV: 1181.5'

Operator: TRP OPERATING LLC
Lease Name: RICHARDSON
Topography and Vegetation: PASTURE
Good Drill Site? YES Reference or Alt. Location Stakes Set: NONE
Best Accessibility to Location: FROM COUNTY ROAD
Distance and Direction from Hwy. Jct. or town: FROM POCASSET HEAD SOUTH ON ST. HWY 81 FOR 0.5
MILE, TURN WEST ON CO. RD. E1260/E. CARDINAL FOR 0.8 MILE, TURN NORTH INTO LOCATION.

Date Staked: 6/6/18
Well No.: 1H-5-32-29X Elevation: 1188'

KYLE D. ADAMS
OKLAHOMA P.L.S. NO.: 1944

NOTE:
This is a plat of a proposed well location and does not represent a true boundary survey. The information shown hereon shall not be relied upon for the location or establishment of land boundary lines. All of the positions shown hereon have not been verified as being actual Section, Quarter or Property corners. Positions shown in (Parentheses) are based upon local occupation and improvements or calculated per proportional measurement and/or G.L.O. record distances. Review this plat and notify Gateway Services Group, LLC immediately of any possible discrepancy.



LEGEND
SURFACE LOCATION
EXISTING WELL
PROPOSED DRILL PATH
TERMINUS POINT/TAKE POINTS
EXISTING PIPELINE
ELECTRIC LINE
OVERHEAD POWER
FENCE

Gateway
Gateway Services Group, LLC
PO. BOX 980
MEEKER, OK 74855
OFF. (405) 273-0954
FAX (405) 273-0580
C.A. NO. 4091 (LS)
EXP. DATE 6-30-2018

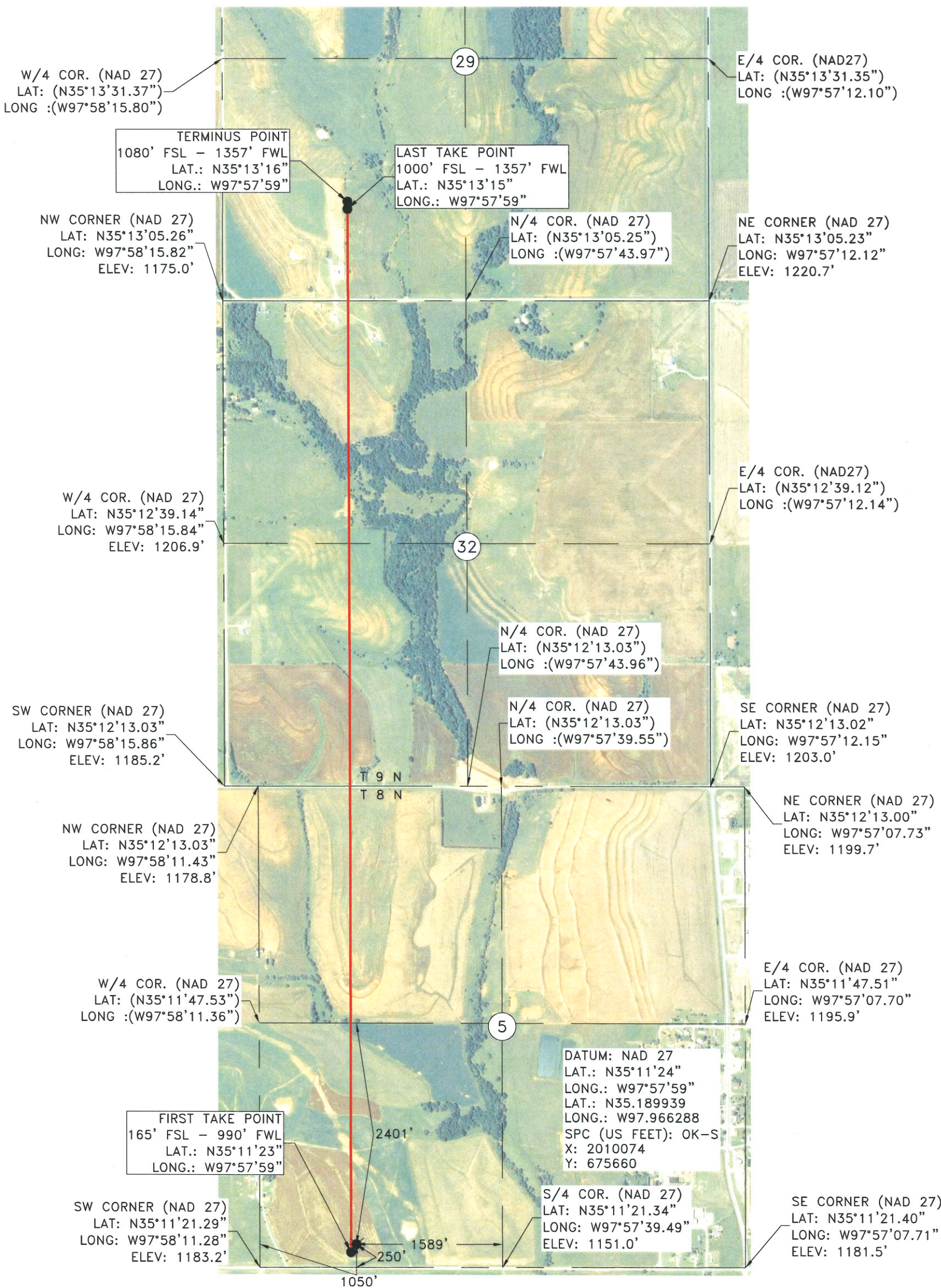
EXHIBIT "A" PRELIMINARY
TRP OPERATING LLC
RICHARDSON 1H-5-32-29X
250' FSL - 1050' FWL
SECTION 5, 29, & 32 T 08 & 09 N - R 07 W, I.M.,
GRADY COUNTY, OKLAHOMA

DRAWN BY: TLM	DATE: 04/20/18	CHK'D: CWP
GATEWAY NO.: 18-0298-001R2	SCALE: 1"=1200'	
PAD#:	WELL#:	
REV.	DWN.	DESCRIPTION
1	CLC	NAME CHANGE
2	JPH	RESTAKE
		DATE
		5/25/18
		6/7/18

SECTION 5, T 08 N – R 07 W, I.M.,
GRADY COUNTY, OKLAHOMA

SECTIONS 29 & 32, T 09 N – R 07 W, I.M.,
GRADY COUNTY, OKLAHOMA

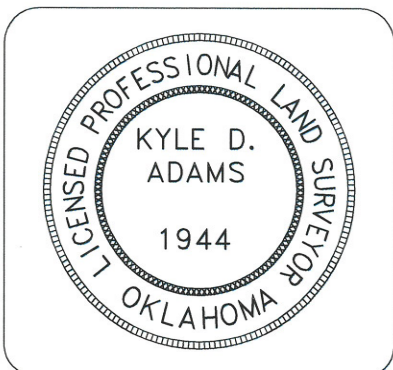
BEARINGS ARE GRID
OKLAHOMA SPC, NAD 27, SOUTH ZONE



Operator: TRP OPERATING LLC Date Staked: 6/6/18
Lease Name: RICHARDSON Well No.: 1H-5-32-29X Elevation: 1188'
Topography and Vegetation: PASTURE
Good Drill Site? YES Reference or Alt. Location Stakes Set: NONE
Best Accessibility to Location: FROM COUNTY ROAD
Distance and Direction from Hwy. Jct. or town: FROM POCASSET HEAD SOUTH ON ST. HWY 81 FOR 0.5 MILE, TURN WEST ON CO. RD. E1260/E. CARDINAL FOR 0.8 MILE, TURN NORTH INTO LOCATION.

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250' FSL - 1050' FWL
SECTION 5, 29, & 32 T 08 & 09 N - R 07 W, I.M.,
GRADY COUNTY, OKLAHOMA

DRAWN BY: TLM DATE: 04/20/18 CHK'D: CWP
GATEWAY NO.: 18-0298-002R2 SCALE: 1"=1200'

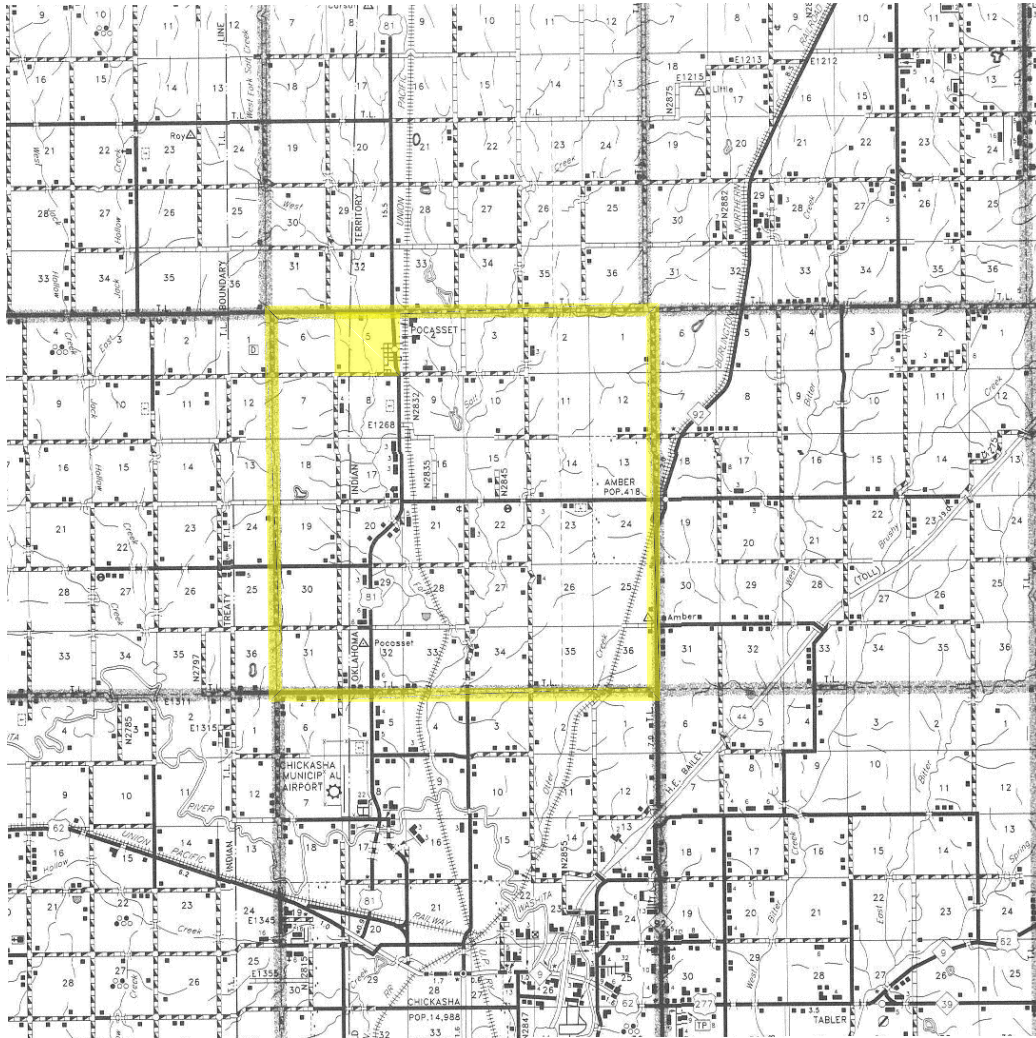
REV.	DWN.	DESCRIPTION	DATE
1	CLC	NAME CHANGE	5/25/18
2	JPH	RETAKE	6/7/18

LEGEND
SURFACE LOCATION
EXISTING WELL
PROPOSED DRILL PATH
EXISTING PIPELINE
ELECTRIC LINE
OVERHEAD POWER
FENCE
TERMINUS POINT/TAKE POINTS

SECTION 5, T 08 N - R 07 W, I.M.,
GRADY COUNTY, OKLAHOMA

VICINITY MAP

BEARINGS ARE GRID
OKLAHOMA SPC. NAD 27, SOUTH ZONE



SEC. 5 TWP. 08N RNG. 07W
COUNTY GRADY STATE OK
OPERATOR TRP OPERATING LLC

SCALE: 1"=3 MILES

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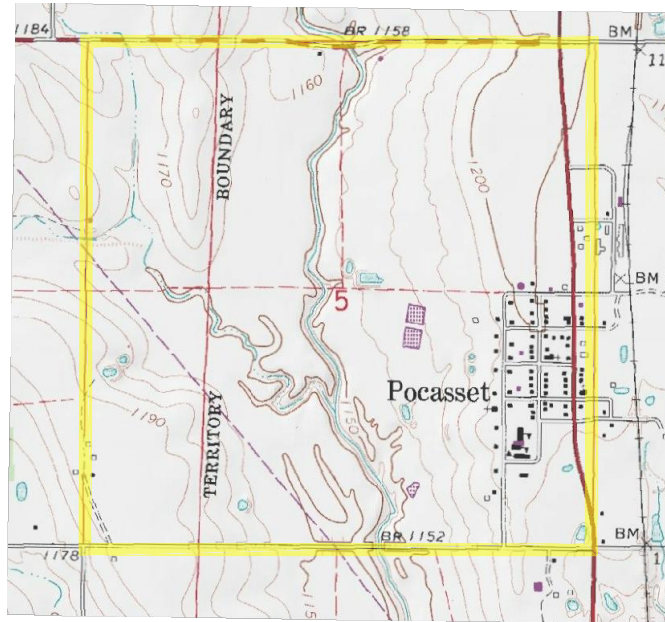
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RICHARDSON 1H-5-32-29X
250' FSL - 1050' FWL
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GRADY COUNTY, OKLAHOMA

DRAWN BY: TLM		DATE: 04/20/18	CHK'D: CWP
GATEWAY NO.: 18-0298-003R2		SCALE: 1"=3 MILES	
PAD#:		WELL#:	
REV.	DWN.	DESCRIPTION	DATE
1	CLC	NAME CHANGE	5/25/18
2	JPH	RETAKE	6/7/18

SECTION 5, T 08 N – R 07 W, I.M.,
GRADY COUNTY, OKLAHOMA

BEARINGS ARE GRID
OKLAHOMA SPC, NAD 27, SOUTH ZONE

LOCATION & ELEVATION VERIFICATION MAP



SEC. 5 TWP. 08N RNG. 07W ABOVE BACKGROUND DATA FROM
COUNTY GRADY STATE OK U.S.G.S. TOPOGRAPHIC MAP
OPERATOR TRP OPERATING LLC SCALE: 1"=2000'
DESCRIPTION 250' FSL – 1050' FWL, SW/4
LEASE RICHARDSON 1H-5-32-29X
ELEVATION 1187.6' AT STAKE CONTOUR INTERVAL 10'
U.S.G.S TOPOGRAPHIC
QUADRANGLE MAP POCASSET

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PAD#:		WELL#:	
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