API NUMBER: 017 25503 A

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

Approval Date: 08/13/2019
Expiration Date: 02/13/2021

285 feet from nearest unit or lease boundary.

23914 0

OTC/OCC Number:

Horizontal Hole Oil & Gas

Amend reason: CORRECTED SHL AND BHL

AMEND PERMIT TO DRILL

WELL LOCATION	: Sec: 17	Twp:	12N	Rge:	8W	County	: CAN	ADIAN		
SPOT LOCATION	: NW N	IE N\	N	NW		FEET FROM QUARTER:	FROM	NORTH	FROM	WEST
						SECTION LINES:		285		698
Lease Name:	GLORIETTA	7-12N-8W	ı			W	ell No:	1 M H		
Operator Name:	TRAVIS F	EAK RES	OURC	ES LLO	C			Teleph	none:	7136508509

TRAVIS PEAK RESOURCES LLC 1100 LOUISIANA ST STE 5100

HOUSTON, TX 77002-5220

CHARLES LAWRENCE 3 PEBBLE DR

Well will be

ENID OK 73703

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

Name Depth	Name	Depth
1 MISSISSIPPI 10990	6	
2	7	
3	8	
4	9	
5	10	
Spacing Orders: 157926 Location Except	otion Orders: 700064	Increased Density Orders: 698249

Pending CD Numbers: Special Orders:

Total Depth: 16379 Ground Elevation: 1413 Surface Casing: 1500 Depth to base of Treatable Water-Bearing FM: 310

Under Federal Jurisdiction: No Fresh Water Supply Well Drilled: No Surface Water used to Drill: No

PIT 1 INFORMATION

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 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

Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 19-36878

F. Haul to Commercial soil farming facility: Sec. 27 Twn. 17N Rng. 9W Cnty. 73 Order No: 659856

G. Haul to recycling/re-use facility: Sec. 22 Twn. 16N Rng. 9W Cnty. 73 Order No: 647741

H. SEE MEMO

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 07 Twp 12N Rge 8W County CANADIAN

Spot Location of End Point: NW NE NE NE Feet From: NORTH 1/4 Section Line: 65
Feet From: EAST 1/4 Section Line: 360

Depth of Deviation: 10992 Radius of Turn: 463 Direction: 350 Total Length: 4660

Measured Total Depth: 16379

True Vertical Depth: 11370

End Point Location from Lease,
Unit, or Property Line: 65

Notes:

Category Description

DEEP SURFACE CASING 8/6/2019 - 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 8/6/2019 - 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:

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

INCREASED DENSITY - 698249 8/12/2019 - GC0 - 7-12N-8W

X157926 MISS 2 WELLS NO OP. NAMED 6/24/2019

LOCATION EXCEPTION - 700064 8/12/2019 - GC0 - (I.O.) 7-12N-8W

X157926 MISS

COMPL. INT. NCT 165' FSL, NCT 165' FNL, NCT 330' FEL

NO OP. NAMED 7/31/2019

MEMO

8/6/2019 - G71 - PIT 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST; PIT 1 - WBM & CUTTINGS TO ORDER # 659856, 27-17N-9W, KINGFISHER CO; PIT 2 - OBM TO VENDOR,

OBM CUTTINGS TO ORDER # 647741, 22-16N-9W, KINGFISHER CO

157926 8/12/2019 - GC0 - (640) 7-12N-8W EXT 137303 MISS, OTHER

SPACING - 157926

017-25503A TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA (405) 843-4847 * OUT OF STATE (800) 654-3219 Certificate of Authorization No. 1293 LS CANADIAN County, Oklahoma 285'FNL-698'FWL 17 Township 12N Range _ 8<u>W_I.M.</u> _ Section _ X 1976653 Y 195451 X 1974013 Y 195417 1971407 BOTTOM HOLE Y 195385 65'FNL-360'FEL NAD-27 (US Feet) 35'32'12.2" N 98'04'46.8" W LAST TAKE POINT QGR4A 165'FNL-360'FEL 8-N-5 NAD-27 (US Feet) 35'32'11.2" N 98'04'46.8" W 35.536444724' 35.536719473° 98.079676932° LOT 1 557 1,958 X 1976293 Y 195382 98.079676890" X 1976293 Y 195282 E/2-NW/4 PATH GRID NAD-27 OK NORTH US Feet LOT 2 PROPOSED SCALE: = 1000' 1000 X 19/1405 Y 192747 PROVIDED [1-40] 1976652 TRST TAKE POINT 165/FSL-360/FEL NAD-27 (US Feet) 35'31'22.4" N 98'04'46.8" W 35.522889312' N ST TAKE POINT, LAST TAKE DRILL PATH INFORMATION ID, NOT SURVEYED. INFORMATION SHOWN HEREIN IS CONSTRUCTION PURPOSES QULY 712N-R8W LOT 3 98.079675665* X 1976290 Y 190347 E/2-SW/4 ROAD KICKOFF POINT NICKOFF POINT 330'FNL-360'FEL (Sec. 18) NAD-27 (US Feet) 35'31'17.5" N 98'04'46.8" W 35.521529268' N KICKOFF POINT, FIRST T. BOTTOM HOLE, AND DRII BY OPERATOR LISTED, N ROAD SURFACE HOLE 285'FNL-698'FWL NAD-83 Range HEASTON 35'31'18.2" N 98'04'35.2" W LOT 4 98.079675074* X 1976289 Y 189852 X 1974014 Y 1901 X 1976650 Y 190188 190109 698 285 SECTION 18 NE/4 SECTION 17 NW/4 **ELEVATION:** Operator: TRAVIS PEAK RESOURCES, LLC 1413' Gr. at Existing Pad NGVD29 Lease Name: GLORIETTA 7-12N-8W Well No.: 1MH 1413' Gr. at Existing Pad NAVD88 Topography & Vegetation Loc. fell on existing pad. Reference Stakes or Alternate Location Yes Good Drill Site? _____ Stakes Set None Best Accessibility to Location ____ From North off county road. Distance & Direction From the junction of Heaston Road & 1-40, go ±0.5 mile South on Heaston Road, to the from Hwy Jct or Town Northwest Corner of Section 17, T12N-R8W WOFESSIONAL ROOFESSIONAL Date of Drawing: Sept. 11, 2019 Revision X 6 DATUM: NAD-27 LAT: 35'31'18.0" N LONG: 98'04'34.0" W Project # 123274B Date Staked: _ May 20, **CERTIFICATE:** NSED LAT: __35.521672464° N THOMAS L Thomas L. Howell __an Oklahoma Licensed Land LONG: 98.076118503° W HOWELL Surveyor and an authorized agent of Topographic Land STATE PLANE Surveyors of Oklahoma, do hereby certify to the 1433 COORDINATES: (US Feet) information shown herein. ZONE: OK NORTH *LAHOMA X: 1977348 Y: 189904 Oklahoma Lic. No. _