API NUMBER: 125 23942

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

Approval Date: 10/04/2018 04/04/2020 **Expiration Date**

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION:	Sec: 30	Twp: 9N	Rge: 2E	County	: POT	TAWATOM	ΙE		
SPOT LOCATION:	S2 NE	NE	NE	FEET FROM QUARTER: SECTION LINES:	FROM	NORTH	FROM	EAST	
Lease Name:	BETHEL			We	ell No:	400 1-30		330	
Operator	TRUEVINE	OPERATING	LLC			Teleph	ione:	5804277919; 580)4277

TRUEVINE OPERATING LLC

PO BOX 1422

Name:

ADA. OK 74821-1422 JARED JACKSON

10900 SOUTH PENN, AVE., APT, 718

OKLAHOMA CITY

Well will be

OK 73170

330 feet from nearest unit or lease boundary.

22516 0

OTC/OCC Number:

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

	Name	Depth		Name	Depth	
1	EARLSBORO	5150	6	HUNTON	5350	
2	RED FORK	5200	7	VIOLA	5610	
3	BARTLESVILLE	5260	8	SIMPSON DOLOMITE	5620	
4	PENN BASAL UNCONF SAND	5300	9	1ST WILCOX	5780	
5	MISENER	5340	10	2ND WILCOX	5965	
Spacing Orders: No Spacing		Location Exception Orders:	Location Exception Orders:		Increased Density Orders:	

Pending CD Numbers: 201806992 Special Orders:

Total Depth: 6000 Ground Elevation: 1076 Depth to base of Treatable Water-Bearing FM: 360 Surface Casing: 410

Under Federal Jurisdiction: 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 D. One time land application -- (REQUIRES PERMIT) H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST Chlorides Max: 8000 Average: 5000

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

Within 1 mile of municipal water well?

Wellhead Protection Area?

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: GARBER

Notes:

PERMIT NO: 18-35435

Category Description

HYDRAULIC FRACTURING 10/2/2018 - 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

PENDING CD - 201806992 10/2/2018 - G75 - (40) NE4 30-9N-2E

VAC OTHERS

VAC 42780 HNTN NE4

EST ERLB, RDFK, BRVL, BPUNC, MSNR, HNTN, VIOL. SMPSD, WLCX1, WLCX2, OTHERS

REC 9-17-2018 (JOHNSON)

PUBLIC WATER SUPPLY WELL 10/2/2018 - G71 - SONIC DRIVE-IN (LITTLE AXE), 1 PWS/WPA, SW4 20-9N-2E

SURFACE LOCATION 10/2/2018 - G75 - 400' FNL, 330' FEL NE4 30-9N-2E PER STAKING PLAT