

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

API NUMBER: 119 24428

Approval Date: 01/10/2017
Expiration Date: 07/10/2017

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 30 Twp: 19N Rge: 6E

County: PAYNE

SPOT LOCATION: SW SE NW SE

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 1590 950

Lease Name: ELLIOTT HUDSON

Well No: 3-A

Well will be 330 feet from nearest unit or lease boundary.

Operator Name: LIBERTY OPERATING INC

Telephone: 4053296200

OTC/OCC Number: 15227 0

LIBERTY OPERATING INC
1827 ATCHISON DR
NORMAN, OK 73069-8225

MARK ELLIOTT
104 SOUTH EAGLE
YALE OK 74085

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

	Name	Depth	Name	Depth	
1	BIG LIME	2736	6	BARTLESVILLE	3324
2	OSWEGO	2775	7	MISSISSIPPI LIME	3422
3	PRUE	2838	8		
4	SKINNER	3030	9		
5	RED FORK	3092	10		

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 3500

Ground Elevation: 800

Surface Casing: 810

Depth to base of Treatable Water-Bearing FM: 760

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: 1900 Average: 1400

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 ALLUVIAL

Pit Location Formation: ALLUVIUM

H. CLOSED SYSTEM=STEEL PITS (REQUIRED - CIMARRON RIVER)

F. Haul to Commercial soil farming facility: Sec. 13 Twn. 19N Rng. 5E Cnty. 119 Order No: 561542

Notes:

This permit does not transfer 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.

Category	Description
HYDRAULIC FRACTURING	12/28/2016 - G71 - OCC 165:10-3-10 REQUIRES: 1) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS BE REPORTED TO FRACFOCUS USING THE FOLLOWING LINK HTTP://FRACFOCUS.ORG/ WITH NOTICE GIVEN 48 HOURS IN ADVANCE OF FRACTURING TO THE LOCAL OCC DISTRICT OFFICE; AND, 2) PRIOR TO COMMENCEMENT OF FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE ALSO GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE.
SPACING	12/29/2016 - G60 - FORMATIONS UNSPACED; 146-ACRE LEASE (INCLUDING W2 SE4)

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.