

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

API NUMBER: 119 24301 B

Approval Date: 12/19/2016
Expiration Date: 06/19/2017

Straight Hole Disposal

Amend reason: AMEND TO ADD MISENER

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 10 Twp: 18N Rge: 5E

County: PAYNE

SPOT LOCATION: NW SW NW NW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 1907 274

Lease Name: HANNAH JO A1

Well No: 10 SWD

Well will be 274 feet from nearest unit or lease boundary.

Operator Name: CROWN ENERGY COMPANY

Telephone: 4055260111

OTC/OCC Number: 19779 0

CROWN ENERGY COMPANY
1117 NW 24TH ST
OKLAHOMA CITY, OK 73106-5615

A SCOTT & MARCIA E JOHNSON
20201 EAST 56TH STREET
YALE OK 74085

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

Name	Depth	Name	Depth
1 MISENER	3555	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 4665

Ground Elevation: 781

Surface Casing: 799 IP

Depth to base of Treatable Water-Bearing FM: 630

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

Approved Method for disposal of Drilling Fluids:

Notes:

Category

Description

HYDRAULIC FRACTURING

12/16/2016 - 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/](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

1/27/2016 - G71 - N/A - DISPOSAL WELL

SURFACE CASING

12/16/2016 - G71 - 750' SURFACE CASING REQUIRED PER CITY OF CUSHING

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.

119 24301 HANNAH JO A1 10 SWD