

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

API NUMBER: 007 25704

Approval Date: 11/25/2014
Expiration Date: 05/25/2015

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 15 Twp: 4N Rge: 23ECM County: BEAVER

SPOT LOCATION: C NW SE SE FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 990 1650

Lease Name: CRUSADER Well No: 1 Well will be 990 feet from nearest unit or lease boundary.

Operator Name: SNYDER PARTNERS Telephone: 3075874291 OTC/OCC Number: 19732 0

SNYDER PARTNERS
PO BOX 3010
CODY, WY 82414-5915

OKLAHOMA DEPT. OF WILDLIFE CONSERVATION
P.O. BOX 53465
OKLAHOMA CITY OK 73152

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

Name	Depth	Name	Depth
1 CHASE	2640	6 KANSAS CITY	5150
2 COUNCIL GROVE	3035	7 MARMATON	5470
3 TORONTO	4600	8 CHEROKEE	5910
4 DOUGLAS	4640	9	
5 LANSING	4740	10	

Spacing Orders: 48142

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201408151
201408150

Special Orders:

Total Depth: 6000 Ground Elevation: 2475 **Surface Casing: 1500** Depth to base of Treatable Water-Bearing FM: 260

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

PIT 1 INFORMATION

Type of Pit System: OFF SITE

Type of Mud System: WATER BASED

Chlorides Max: 10000 Average: 5000

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: 1B

Liner required for Category: 1B

Pit Location is BED AQUIFER

Pit Location Formation: OGALLALA

Sec. 22 Tw. 4N Rng. 23E Cnty. 7
C NE NE

Off Site Pit No. 27188414

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

H. SOIL COMPACTED PIT, NOTIFY DISTRICT PRIOR TO TESTING SOIL PIT LINER

Notes:

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.

Category	Description
DEEP SURFACE CASING	11/12/2014 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY FOR ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON CONDUCTOR OR SURFACE CASING
FRAC FOCUS	11/12/2014 - G71 - THE REQUIREMENT FOR CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS WILL BE EXTENDED TO INCLUDE ALL NON-HORIZONTAL WELLS FOR HYDRAULIC FRACTURING OPERATIONS BEGINNING JANUARY 1, 2014. REFER TO OCC RULE 165:10-3-10 FOR COMPLIANCE REQUIREMENTS. PLEASE REPORT DIRECTLY TO FRACFOCUS USING THE FOLLOWING LINK HTTP://FRACFOCUS.ORG/ OR FOR OCC ASSISTANCE CONTACT DENNIS NISKERN AT 405-522-2977 OR D.NISKERN@OCCEMAIL.COM
PENDING CD - 201408150	11/25/2014 - G75 - (E.O.) 15-4N-23ECM X48142 MRMN 1 WELL SNYDER PARTNERS REC 11-25-2014 (DECKER)
PENDING CD - 201408151	11/25/2014 - G75 - (E.O.) 15-4N-23ECM X48142 MRMN XOTHERS 990 FSL, 990 FEL SNYDER PARTNERS REC 11-25-2014 (DECKER)
SPACING	11/25/2014 - G75 - FORMATIONS UNSPACED EXCEPT MARMATON; 640-ACRE LEASE
SPACING - 48142	11/25/2014 - G75 - (640) 15-4N-23ECM EST MRMN

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