

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

API NUMBER: 125 23812

Approval Date: 05/28/2013

Expiration Date: 11/28/2013

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 16 Twp: 9N Rge: 3E

County: POTTAWATOMIE

SPOT LOCATION: E2 SE SW SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 330 1100

Lease Name: STATE

Well No: 1-16WV

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

Operator Name: JOLEN OPERATING COMPANY

Telephone: 4052358444

OTC/OCC Number: 11403 0

JOLEN OPERATING COMPANY
100 N BROADWAY AVE STE 2460
OKLAHOMA CITY, OK 73102-8829

COMMISSIONERS OF THE LAND OFFICE-STATE OF OKLAHOMA
120 N. ROBINSON, SUITE 1000W
OKLAHOMA CITY OK 73102

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	4600	6	
2	WOODFORD	4700	7	
3	HUNTON	4800	8	
4			9	
5			10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201302783
201302784

Special Orders:

Total Depth: 5200

Ground Elevation: 1013

Surface Casing: 1030

Depth to base of Treatable Water-Bearing FM: 980

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: 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 located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is BED AQUIFER

Pit Location Formation: OSCAR

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 13-23474
H. CLOSED SYSTEM=STEEL PITS PER OPERATOR OPTION

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
PENDING CD - 201302783	5/28/2013 - G30 - (640) 16-9N-3E EST MSSP, WDFD, HNTN REC 5/21/13 (NORRIS)
PENDING CD - 201302784	5/28/2013 - G30 - 16-9N-3E X201302783 MSSP, WDFD, HNTN 330 FSL, 1100 FWL NO OP. NAMED REC 5/21/13 (NORRIS)

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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.