

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

API NUMBER: 103 24544

Approval Date: 06/25/2013
Expiration Date: 12/25/2013

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 03 Twp: 20N Rge: 2W County: NOBLE
SPOT LOCATION: FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 990 660

Lease Name: EDGAR Well No: 1-3 Well will be 660 feet from nearest unit or lease boundary.
Operator Name: ATHAN INC Telephone: 4053597055 OTC/OCC Number: 12524 0

ATHAN INC
1616 E 19TH ST STE 405
EDMOND, OK 73013-6628

ESTATE OF ROBERT EDGAR - TOMMY EDGAR
PERSONAL REP
18172 E 810 RD
KINGFISHER OK 73750

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

Name	Depth	Name	Depth
1 AVANT	3580	6 VIOLA	5220
2 BIG LIME	4630	7 1ST WILCOX	5290
3 OSWEGO	4680	8 MARSHALL	5340
4 SKINNER	4930	9 2ND WILCOX	5380
5 MISSISSIPPI LIME	5060	10	

Spacing Orders: 612357

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 5450

Ground Elevation: 1160

Surface Casing: 290

Depth to base of Treatable Water-Bearing FM: 220

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

PIT 1 INFORMATION

Type of Pit System: ON SITE

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: 2

Liner not required for Category: 2

Pit Location is BED AQUIFER

Pit Location Formation: WELLINGTON

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

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.

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Category

Description

SPACING - 612357

6/25/2013 - G30 - (160) NW4 3-20N-2W
EXT 97048 OSWG
EST AVNT, BGLM, SKNR, MSSLM, VIOL, WLCX1, MRSL, WLCX2

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