

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

API NUMBER: 129 23991

Approval Date: 09/02/2014

Expiration Date: 03/02/2015

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 31 Twp: 16N Rge: 25W

County: ROGER MILLS

SPOT LOCATION: ☐ NW ☐ NE ☐ NE ☐ NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 250 2300

Lease Name: WAGNON 30-16-25

Well No: 1H

Well will be 250 feet from nearest unit or lease boundary.

Operator
Name: APACHE CORPORATION

Telephone: 9184914900; 9184914

OTC/OCC Number: 6778 0

APACHE CORPORATION
6120 S YALE AVE STE 1500
TULSA, OK 74136-4224

WAGNON EXEMPT TRUST
RT 1 BOX 101
ARNETT OK 73832

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

Name	Depth	Name	Depth
1 TONKAWA	8497	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 60492

Location Exception Orders: 627220

Increased Density Orders: 627282

Pending CD Numbers:

Special Orders:

Total Depth: 14000

Ground Elevation: 2355

Surface Casing: 2000

Depth to base of Treatable Water-Bearing FM: 610

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

PIT 1 INFORMATION

Type of Pit System: ON SITE

Type of Mud System: WATER BASED

Chlorides Max: 8000 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

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

D. One time land application -- (REQUIRES PERMIT)

PERMIT NO: 14-28207

H. SEE MEMO

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.

PIT 2 INFORMATION

Type of Pit System: ON SITE

Type of Mud System: OIL BASED

Chlorides Max: 300000 Average: 200000

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: 3

Liner required for Category: 3

Pit Location is BED AQUIFER

Pit Location Formation: OGALLALA

HORIZONTAL HOLE 1

Sec 30 Twp 16N Rge 25W County ROGER MILLS

Spot Location of End Point: W2 NE NE NW

Feet From: NORTH 1/4 Section Line: 330

Feet From: WEST 1/4 Section Line: 2300

Depth of Deviation: 7973

Radius of Turn: 573

Direction: 1

Total Length: 5172

Measured Total Depth: 14000

True Vertical Depth: 8506

End Point Location from Lease,
Unit, or Property Line: 330

Notes:

Category	Description
DEEP SURFACE CASING	8/29/2014 - G71 - APPROVED CONTINGENT ON NOTIFYING OCC FIELD STAFF IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING
INCREASED DENSITY - 627282	9/2/2014 - G72 - 30-16N-25W X 60492, 61385, 584623, TNKW; 1 WELL; PACHE CORPORATION 6/27/2014
LOCATION EXCEPTION - 627220	9/2/2014 - G72 - 30-16N-25W (I.O.) X 60492, 61385, 584623 TNKW; **SHL NCT 250 FSL NCT 2600 FWL; NCT 300 FSL NCT 330 FNL NCT 1320 FWL; APACHE CORPORATION; 6/26/2014 **SHL WILL BE AMENDED AT FINAL HEARING PER OPERATOR.
MEMO	8/25/2014 - G71 - PITS 1 & 2 - CONCRETE LINED PIT PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
SPACING - 60492	9/2/2014 - G72 - (640) 30-16N-25W EST TNKW

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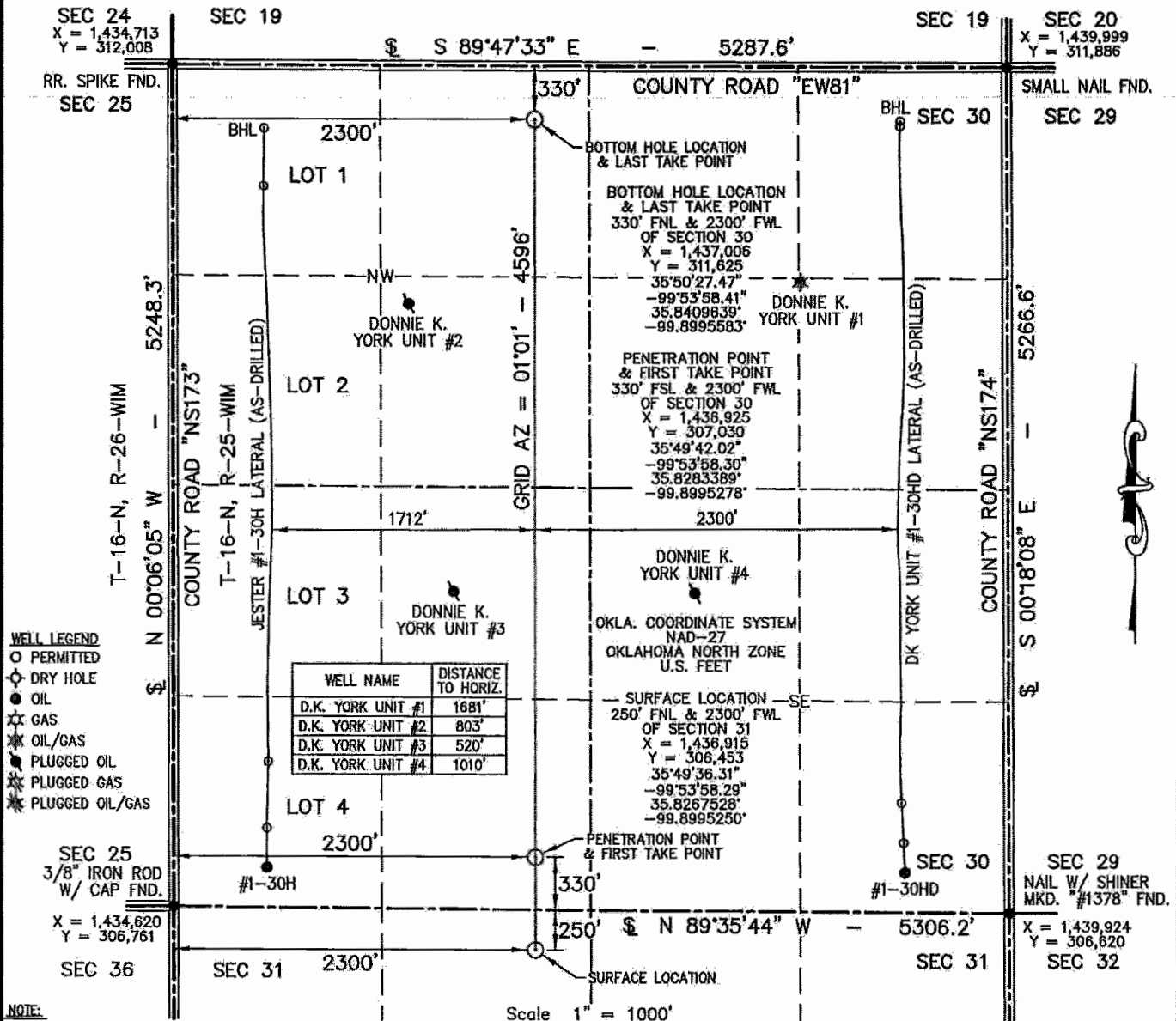
Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

129 23991 WAGNON 30-16-25 1H

API 12923991

PROPOSED NEW WELL LOCATION PLAT

COMPANY APACHE CORPORATION LEASE WAGNON 30-16-25 WELL NO. 1H
 SECTION 31 TOWNSHIP 16-N RANGE 25-WIM LOCATION 250' FNL 2300' FWL
 COUNTY ROGER MILLS STATE OKLAHOMA TOPOGRAPHY AND VEGETATION SAND HILLS/PASTURE
 LATITUDE 35°49'36.31" LONGITUDE -99°53'58.29" NAD27 ELEVATION 2355' NGVD29 DATE STAKED 4/7/14
 DIRECTION FROM NEAREST TOWN APPROXIMATELY 1.0 MILE SOUTHEAST OF DURHAM, OKLAHOMA
 FROM COUNTY ROAD "EW81" AND COUNTY ROAD "NS173", GO 1.0 MILE S. ON COUNTY ROAD "NS173", THEN 2300' E. TO LOCATION



APEX
 SURVEYING & MAPPING, INC.
 TEXAS • OKLAHOMA • KANSAS
 8330 CANYON DRIVE
 AMARILLO, TEXAS 79119
 806-353-7231
 105 HACKBERRY TRAIL
 CANADIAN, TEXAS 79014
 806-323-9773
 Certificate of Authorization No. 3415, Exp. June 30, 2014

Apache

FIELD:	KB,GPS
DRAWN:	SDT
DATE:	4/9/14
CHECKED:	MLS
REVISION:	



JOB NO. 214-347-1