

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

API NUMBER: 129 23878

Approval Date: 10/04/2013  
Expiration Date: 04/04/2014

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 11 Twp: 13N Rge: 25W County: ROGER MILLS  
SPOT LOCATION:  SE  SE  SE  SE FEET FROM QUARTER: FROM SOUTH FROM EAST  
SECTION LINES: 60 300

Lease Name: CHALFANT Well No: 1-14H Well will be 60 feet from nearest unit or lease boundary.  
Operator Name: APACHE CORPORATION Telephone: 9184914900 OTC/OCC Number: 6778 0

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

MICHAEL S. CHALFANT  
P.O. BOX 667  
HINTON OK 73047

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

Name	Depth	Name	Depth
1 DOUGLAS	9185	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 130940

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201305723

Special Orders:

Total Depth: 14500

Ground Elevation: 2147

**Surface Casing: 660**

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: 90000 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 OTHER HSA

Pit Location Formation: DOXEY

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

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

H. SEE MEMO

PERMIT NO: 13-24238

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 OTHER HSA  
 Pit Location Formation: DOXEY

HORIZONTAL HOLE 1

Sec 14 Twp 13N Rge 25W County ROGER MILLS  
 Spot Location of End Point: SW SE SE SE  
 Feet From: SOUTH 1/4 Section Line: 300  
 Feet From: EAST 1/4 Section Line: 600  
 Depth of Deviation: 8594  
 Radius of Turn: 573  
 Direction: 183  
 Total Length: 5006  
 Measured Total Depth: 14500  
 True Vertical Depth: 9377  
 End Point Location from Lease,  
 Unit, or Property Line: 300

Additional Surface Owner	Address	City, State, Zip
JOAN MATHERS A.K.A. DALLAS DO	1924 PINEHURST ROAD	LOS ANGELES, CA 90068
JOAN TARLETON IRREVOC. TRUST	1924 PINEHURST RD.	LOS ANGELES, CA 90068
TIMOTHY G. CHALFANT	17059 CR 2630	BINGER, OK 73009
CHRISTOPHER J. CHALFANT	14300 TEDESSA TURN	EDMOND, OK 73034
PATRICK CHALFANT	13530 SOUTH 65TH WEST AVENUE	SAPULPA, OK 74066
KATHERINE E. DORSETT	1051 CHESTERFIELD CIRCLE	WINTER SPRINGS, FL 32708

Notes:

Category	Description
MEMO	9/27/2013 - G71 - PIT 1 & 2 - CONCRETE-LINED PIT PER OPERATOR REQUEST; PIT 2 - OBM TO VENDOR, OBM CUTTINGS PER DISTRICT
PENDING CD - 201305723	10/4/2013 - G75 - (I.O.) X130940 DGLS SHL NCT 60 FSL, NCT 300 FEL 11-13N-25W FIRST PERF NCT 300 FNL, NCT 500 FEL 14-13N-25W LAST PERF NCT 300 FSL, NCT 500 FEL 14-13N-25W NO OP. NAMED REC 10-2-2013 (JOHNSON)
SPACING - 130940	9/30/2013 - G75 - (640) 14-13N-25W EXT 106738/130068 DGLS, TNKW (TNKW VAC BY 521922), OTHERS EXT OTHERS
WATERSHED STRUCTURE	9/27/2013 - G71 - WELL WITHIN 1/2 MILE OF AN OKLAHOMA CONSERVATION COMMISSION WATERSHED STRUCTURE. CONTACT THE LOCAL CONSERVATION DISTRICT OFFICE AT (580) 497-3413 PRIOR TO DRILLING

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