

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

API NUMBER: 137 27475

Approval Date: 08/17/2016
Expiration Date: 02/17/2017

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 36 Twp: 1N Rge: 5W

County: STEPHENS

SPOT LOCATION: SW NW NW NE

FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 495 2487

Lease Name: COTTONWOOD EAST

Well No: 1-25-24XH

Well will be 495 feet from nearest unit or lease boundary.

Operator Name: CONTINENTAL RESOURCES INC

Telephone: 4052349020; 4052349

OTC/OCC Number: 3186 0

CONTINENTAL RESOURCES INC
PO BOX 269000
OKLAHOMA CITY, OK 73126-9000

LLOYD E. & SHEILA ELY
RT 4 BOX 100
DUNCAN OK 73533

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	8000	6	
2	MAYES	10543	7	
3	SYCAMORE	10643	8	
4			9	
5			10	

Spacing Orders: 619391

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201603263
201603316
201603317

Special Orders:

Total Depth: 21695

Ground Elevation: 1125

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 630

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: 3000 Average: 2500

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: PURCELL

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

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

PERMIT NO: 16-31530

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: 250000
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: PURCELL

HORIZONTAL HOLE 1

Sec 24 Twp 1N Rge 5W County STEPHENS
Spot Location of End Point: N2 NE NE NW
Feet From: NORTH 1/4 Section Line: 30
Feet From: WEST 1/4 Section Line: 2310
Depth of Deviation: 10437
Radius of Turn: 409
Direction: 357
Total Length: 10615
Measured Total Depth: 21695
True Vertical Depth: 11000
End Point Location from Lease,
Unit, or Property Line: 30

Notes:

Table with 2 columns: Category, Description. Rows include DEEP SURFACE CASING, HYDRAULIC FRACTURING, MEMO, PENDING CD - 201603263, and PENDING CD - 201603316.

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 - 201603317	8/17/2016 - G60 - (E.O.) 25 & 24-1N-5W X619391 (25-1N-5W) MYES, SCMR, OTHERS X201603263 (24-1N-5W) MSSP, OTHER COMPL. INT. (25-1N-5W) 150' FSL, NCT 0' FNL, NCT 1320' FWL COMPL. INT. (24-1N-5W) NCT 0' FSL, NCT 150' FNL, NCT 1320' FWL CONTINENTAL RESOURCES, INC. REC. 8-16-16 (P. PORTER)
SPACING - 619391	8/17/2016 - G60 - (640/80) 25-1N-5W EST (80) OTHER EST (640) SCMR, OTHERS

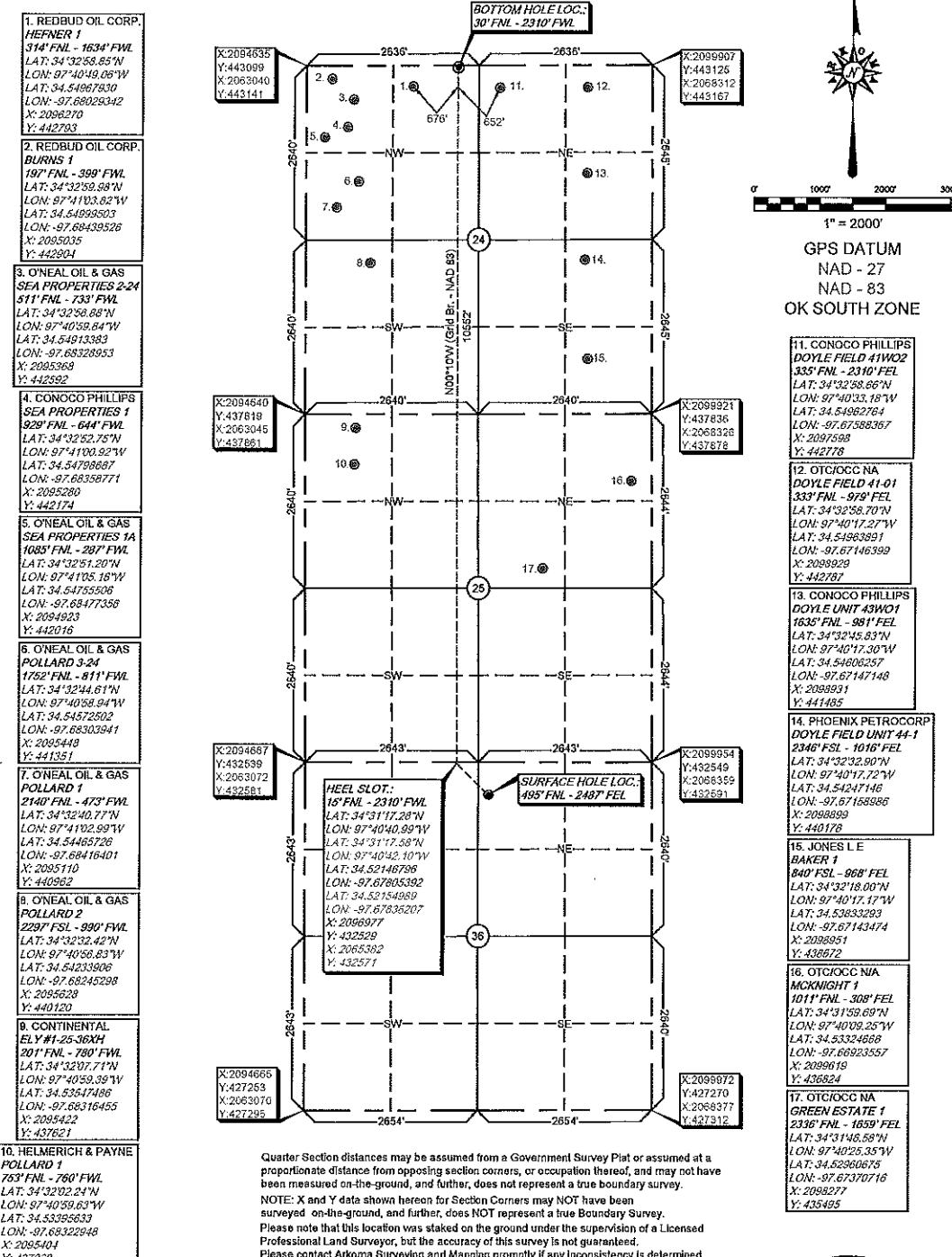
This permit does not address the right of entry or settlement of surface damages.
The duration of this permit is SIX MONTHS, except as otherwise provided by Rule 165: 10-3-1.
Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

Continental Well Location Plat

Operator: CONTINENTAL RESOURCES, INC.

EXHIBIT "A"
S.H.L. Sec. 36-1N-5W 1M
B.H.L. Sec. 24-1N-5W 1M.
STEPHENS COUNTY

LEASE NAME	SHL	NAT. GR. ELEV.	LATITUDE	LONGITUDE	EASTING	NORTHING	BHL	LATITUDE	LONGITUDE	EASTING	NORTHING	DESIGN ELEV.
A COTTONWOOD EAST #1-25-24XH	495' FNL 2487' FEL	1128'	34°31'12.53"N 34°31'12.82"N 34.52022765	97°40'35.14"W 97°40'32.55"W -97.67642829 -97.67673637	2097468 2065873	432049 432091	30' FNL 2310' FWL	34°33'01.67"N 34°33'01.86"N 34.55040382 34.55054488	97°40'40.97"W 97°40'42.05"W -97.67804133 -97.67835577	2096945 2065350	443081 443123	1125'



survey and plat by,
Arkoma Surveying and Mapping, PLLC
P.O. Box 236 Wilburton, OK 74578
Ph. 918-465-5711 Fax 918-465-5030
Certificate of Authorization No. 5348
Expires August 31, 2018

Invoice #6530
Date Staked : 07/25/16 By: C.K.
Date Drawn : 08/01/16 By: J.H.

Certification:
This is to certify that this Well Location Plat represents the results of a survey made on the ground performed under the supervision of the undersigned.

Lance G. Mathis 08/01/16
LANCE G. MATHIS OK LPLS 1664

