

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

API NUMBER: 049 25088

Approval Date: 12/05/2016  
Expiration Date: 06/05/2017

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 31 Twp: 3N Rge: 4W

County: GARVIN

SPOT LOCATION:  NE  SE  SW  SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 360 1300

Lease Name: SYMPSON

Well No: 13-6-7XH

Well will be 360 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

LYLE LAND & CATTLE, LLC C/O ROBERT LYLE III  
1308 CHAIN BRIDGE COURT  
EDMOND OK 73034

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

	Name	Depth	Name	Depth
1	SYCAMORE	15266	6	
2	WOODFORD	15417	7	
3	HUNTON	15804	8	
4			9	
5			10	

Spacing Orders: 602911  
599570  
648938

Location Exception Orders: 648000  
658097

Increased Density Orders:

Pending CD Numbers: 201604982  
201604984

Special Orders:

Total Depth: 26319

Ground Elevation: 1147

**Surface Casing: 1500**

Depth to base of Treatable Water-Bearing FM: 120

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: 3000 Average: 2000

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: DUNCAN

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: 16-31841

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: DUNCAN

HORIZONTAL HOLE 1

Sec 07 Twp 2N Rge 4W County STEPHENS
Spot Location of End Point: SW SW SE SW
Feet From: SOUTH 1/4 Section Line: 30
Feet From: WEST 1/4 Section Line: 1356
Depth of Deviation: 15157
Radius of Turn: 477
Direction: 179
Total Length: 10413
Measured Total Depth: 26319
True Vertical Depth: 15804
End Point Location from Lease,
Unit, or Property Line: 30

Notes:

Table with 2 columns: Category, Description. Rows include DEEP SURFACE CASING, HYDRAULIC FRACTURING, LOCATION EXCEPTION - 648000, and LOCATION EXCEPTION - 658097.

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
MEMO	11/28/2016 - G71 - PIT 1 & 2 - CONCRETE-LINED PIT PER OPERATOR REQUEST; PIT 2 - OBM TO VENDOR, OBM CUTTINGS TO DEQ APPROVED FACILITIES (PAULS VALLEY LANDFILL, GARVIN CO., # 3525009 OR SOUTHERN PLAINS LANDFILL, GRADY CO., # 3526013)
PENDING CD - 201604982	12/1/2016 - G75 - 6-2N-4W X602911 WDFD 10 WELLS NO OP. NAMED REC 11-21-2016 (DUNN)
PENDING CD - 201604984	12/1/2016 - G75 - 7-2N-4W X599570 WDFD 10 WELLS NO OP. NAMED REC 11-28-2016 (P. PORTER)
SPACING - 599570	12/1/2016 - G75 - (640) 7-2N-4W EXT OTHERS EXT 582855 SCMR, WDFD, HNTN, OTHERS
SPACING - 602911	12/1/2016 - G75 - (640) 6-2N-4W EST OTHERS EXT 599570 SCMR, WDFD, HNTN, OTHERS EXT OTHERS
SPACING - 648938	12/1/2016 - G75 - (I.O.) 6 & 7-2N-4W EST MULTIUNIT HORIZONTAL WELL X602911 SCMR, WDFD, HNTN 6-2N-4W X599570 SCMR, WDFD, HNTN 7-2N-4W (SCMR, HNTN ASSOCIATED COMMON SOURCES OF SUPPLY TO WDFD) 50% 6-2N-4W 50% 7-2N-4W CONTINENTAL RESOURCES, INC. 1-22-2016
WATERSHED STRUCTURE	11/28/2016 - G71 - WELL WITHIN 1/2 MILE OF AN OKLAHOMA CONSERVATION COMMISSION WATERSHED STRUCTURE. CONTACT THE LOCAL CONSERVATION DISTRICT OFFICE AT (405) 238-7233 PRIOR TO DRILLING

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.



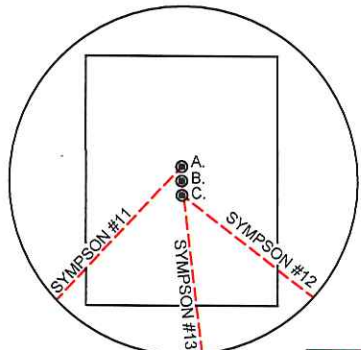
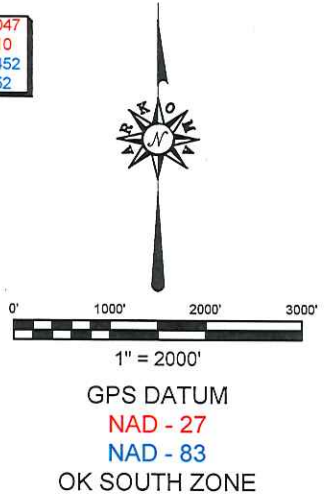
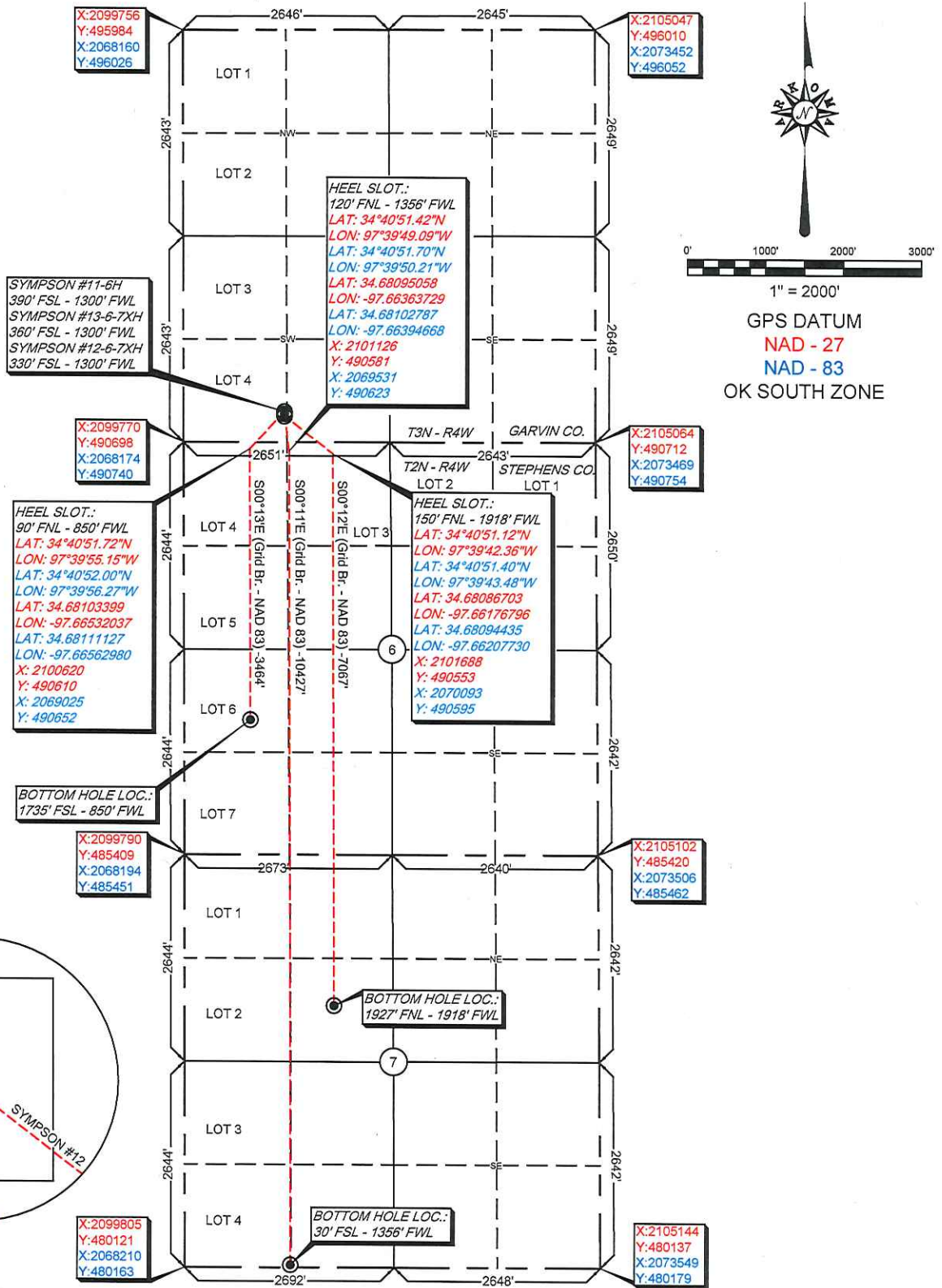
# Well Location Plat

Operator : CONTINENTAL RESOURCES, INC.

API 049-25088

EXHIBIT "A"  
S.H.L. Sec. 31-3N-4W I.M.  
B.H.L. Sec. AS SHOWN  
GARVIN/STEPHENS COUNTIES

LEASE NAME	SHL	NAT. GR. ELEV.	LATITUDE	LONGITUDE	EASTING	NORTHING	BHL	LATITUDE	LONGITUDE	EASTING	NORTHING	DESIGN ELEV.
A. SYMPSON #11-6H	390' FSL 1300' FWL	1148'	34°40'56.47"N	97°39'49.76"W	2101069	491091	1735' FSL 850' FWL (Sec. 6)	34°40'17.45"N	97°39'55.14"W	2100633 2069038	487146 487188	1147.76'
			34°40'56.75"N	97°39'50.88"W	2069473	491133		34°40'17.73"N	97°39'56.25"W			
			34.68235207	-97.66382286	34.67151464	-97.66531589						
			34.68242932	-97.66413226				34.67159220	-97.66562523			
B. SYMPSON #13-6-7XH	360' FSL 1300' FWL	1147'	34°40'56.17"N	97°39'49.76"W	2101069	491061	30' FSL 1356' FWL (Sec. 7)	34°39'08.28"N	97°39'49.10"W	2101161 2069566	480155 480197	1147.76'
			34°40'56.45"N	97°39'50.88"W	2069473	491103		34°39'08.56"N	97°39'50.21"W			
			34.68226965	-97.66382293	34.65229980	-97.66363769						
			34.68234690	-97.66413233				34.65237795	-97.66394679			
C. SYMPSON #12-6-7XH	330' FSL 1300' FWL	1147'	34°40'55.87"N	97°39'49.76"W	2101069	491031	1927' FNL 1918' FWL (Sec. 7)	34°39'41.22"N	97°39'42.34"W	2101714 2070118	483486 483528	1147.76'
			34°40'56.15"N	97°39'50.88"W	2069474	491073		34°39'41.50"N	97°39'43.46"W			
			34.68218721	-97.66382300	34.66144954	-97.66176249						
			34.68226447	-97.66413240				34.66152743	-97.66207164			

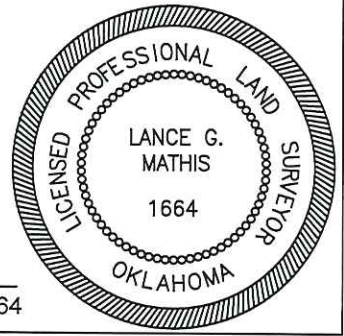


Quarter Section distances may be assumed from a Government Survey Plat or assumed at a proportionate distance from opposing section corners, or occupation thereof, and may not have been measured on-the-ground, and further, does not represent a true boundary survey.  
NOTE: X and Y data shown hereon for Section Corners may NOT have been surveyed on-the-ground, and further, does NOT represent a true Boundary Survey.

Please note that this location was staked on the ground under the supervision of a Licensed Professional Land Surveyor, but the accuracy of this survey is not guaranteed. Please contact Arkoma Surveying and Mapping promptly if any inconsistency is determined. GPS data is observed from RTK - GPS.

survey and plat by,  
**Arkoma Surveying and Mapping, PLLC**  
P.O. Box 238 Wilburton, OK 74578  
Ph. 918-465-5711 Fax 918-465-5030  
Certificate of Authorization No. 5348  
Expires August 31, 2018

**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.



Invoice #6645  
Date Staked : 09/23/16 By : C.K.  
Date Drawn : 10/05/16 By : J.H.

*Lance G. Mathis*  
LANCE G. MATHIS 10/24/16  
OK LPLS 1664