

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

API NUMBER: 137 27500

Approval Date: 06/19/2017  
Expiration Date: 12/19/2017

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 05 Twp: 2N Rge: 4W County: STEPHENS  
SPOT LOCATION:  SE  SE  SE  SW FEET FROM QUARTER: FROM SOUTH FROM WEST  
SECTION LINES: 230 2590

Lease Name: CELESTA Well No: 5-5-32XH Well will be 230 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

JERRY L. CONDIT LIVING TRUST  
302864 STATE HWY #29  
FOSTER OK 73434

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

Name	Depth	Name	Depth
1 SPRINGER	11988	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 131858

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201703448  
201703454  
201703445  
201703447

Special Orders:

Total Depth: 23954 Ground Elevation: 1178 **Surface Casing: 1500** Depth to base of Treatable Water-Bearing FM: 360

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:

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 17-32720  
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: DUNCAN

HORIZONTAL HOLE 1

Sec 32 Twp 3N Rge 4W County GARVIN
Spot Location of End Point: NE NW NW NE
Feet From: NORTH 1/4 Section Line: 50
Feet From: EAST 1/4 Section Line: 2046
Depth of Deviation: 13341
Radius of Turn: 418
Direction: 357
Total Length: 9956
Measured Total Depth: 23954
True Vertical Depth: 13402
End Point Location from Lease,
Unit, or Property Line: 50

Notes:

Table with 2 columns: Category, Description. Rows include DEEP SURFACE CASING, HYDRAULIC FRACTURING, MEMO, PENDING CD - 201703445, and PENDING CD - 201703447.

This permit does not address the right of entry or settlement of surface damages.
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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.

Category	Description
PENDING CD - 201703448	6/12/2017 - G60 - (E.O.) 5-2N-4W & 32-3N-4W EST MULTIUNIT HORIZONTAL WELL X131585 SPRG 50% 32-3N-4W 50% 5-2N-4W NO OP. NAMED REC. 6/9/17 (LEAVITT)
PENDING CD - 201703454	6/12/2017 - G60 - (I.O.) 5-2N-4W & 32-3N-4W X131585 SPRG X165:10-3-28(C)(2)(B) CELESTA 6-5-32XH MAY BE CLOSER THAN 600' TO ANOTHER WELL SHL S2 (5-2N-4W) COMPL. INT. (5-2N-4W) NCT 150' FSL, NCT 0' FNL, NCT 440' FEL COMPL. INT. (32-3N-4W) NCT 0' FSL, NCT 150' FNL, NCT 440' FEL CONTINENTAL RESOURCES, INC. REC. 6/19/17 (M. PORTER)
SPACING - 131858	6/12/2017 - G60 - (640) 5-2N-4W & 32-3N-4W EST SPRG, 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.



# Well Location Plat

Operator : CONTINENTAL RESOURCES, INC.

3513727500

EXHIBIT "A"  
S.H.L. SEC. 5-2N-4W I.M.  
STEPHENS COUNTY  
B.H.L. SEC. 32-3N-4W I.M.  
GARVIN COUNTY  
(SHEET 1 OF 3)

## NAD 83

Point	Northing	Easting	Elevation	Latitude/Longitude	Latitude/Longitude	Description	Design Elevation
20	496052	2073452	0.0			IR W/CAP NWc 32-3N-4W	
21	490754	2073469	0.0			IR W/CAP SWc 32-3N-4W	
22	485462	2073506	0.0			1/2" IR SWc 5-2N-4W	
23	496056	2078745	0.0			IR W/CAP NEc 32-3N-4W	
24	490771	2078763	0.0			3/8" NEc 5-2N-4W	
25	485494	2078805	0.0			1/2" IR SE COR 5-2N-4W	
50	488461	2078433	0.0	LAT:34°40'30.00"N LON:97°38'03.70"W	LAT:34.67500043 LON:-97.63436202	AC - C&L ENT. SCREAMING EAGLE 1 OCC STATUS: PA, TVD: 996'	
51	490539	2075040	0.0	LAT:34°40'50.68"N LON:97°38'44.24"W	LAT:34.68074388 LON:-97.64562236	AC - CLR CONDIT #1-5H OCC STATUS: AC, TVD: 19980'	
52	485691	2078203	0.0	LAT:34°40'02.61"N LON:97°38'06.58"W	LAT:34.66739099 LON:-97.63515977	AC - CLR CONDIT #2-5-32XH OCC STATUS: AC, TVD: 176926'	
53	485646	2074165	0.0	LAT:34°40'02.31"N LON:97°38'54.92"W	LAT:34.66730778 LON:-97.64858972	AC - CLR CELESTA #1-5-32XH OCC STATUS: AC, TVD: 21558'	
54	485701	2077728	0.0	LAT:34°40'02.72"N LON:97°38'12.26"W	LAT:34.66742346 LON:-97.63673966	AC - CLR CELESTA #2-5-32XH OCC STATUS: AC, TVD: 13171'	
55	490986	2074258	0.0	LAT:34°40'55.13"N LON:97°38'53.59"W	LAT:34.68198085 LON:-97.64821929	AC - COLBERT #1-32H OCC STATUS: AC, TVD: 19023'	
100	485708	2076095	1176.5	LAT:34°40'02.85"N LON:97°38'31.82"W	LAT:34.66745885 LON:-97.64217176	A. CELESTA #5-5-32XH 230' FSL - 2590' FWL	1177.9
101	485708	2076135	1178.4	LAT:34°40'02.85"N LON:97°38'31.34"W	LAT:34.66745913 LON:-97.64203873	B. CELESTA #6-5-32XH 230' FSL - 2630' FWL	1177.9
200	486186	2075877	0.0	LAT:34°40'07.59"N LON:97°38'34.40"W	LAT:34.66877626 LON:-97.64288921	A. HEEL SLOT 710' FSL - 2376' FWL	
201	486192	2076753	0.0	LAT:34°40'07.62"N LON:97°38'23.91"W	LAT:34.66878238 LON:-97.63997628	B. HEEL SLOT 710' FSL - 2046' FEL	
300	496004	2075828	0.0	LAT:34°41'44.71"N LON:97°38'34.58"W	LAT:34.69575163 LON:-97.64293758	A. BOTTOM HOLE LOCATION 50' FNL - 2376' FWL	
301	496004	2076699	0.0	LAT:34°41'44.68"N LON:97°38'24.14"W	LAT:34.69574479 LON:-97.64004017	B. BOTTOM HOLE LOCATION 50' FNL - 2046' FEL	

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 June 30, 2018

Invoice #4059-E-C  
Date Staked : 05/28/17 By : R.H.  
Date Drawn : 06/05/17 By : J.H.



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GARVIN COUNTY  
(SHEET 2 OF 3)

## NAD 27

Point	Northing	Easting	Elevation	Latitude/Longitude	Latitude/Longitude	Description	Design Elevation
20	496010	2105047	0.0			IR W/CAP NWc 32-3N-4W	
21	490712	2105064	0.0			IR W/CAP SWc 32-3N-4W	
22	485420	2105102	0.0			1/2" IR SWc 5-2N-4W	
23	496013	2110340	0.0			IR W/CAP NEc 32-3N-4W	
24	490729	2110358	0.0			3/8" NEc 5-2N-4W	
25	485452	2110400	0.0			1/2" IR SE COR 5-2N-4W	
50	488419	2110029	0.0	LAT:34°40'29.72"N LON:97°38'02.59"W	LAT:34.67492266 LON:-97.63405347	AC - C&L ENT. SCREAMING EAGLE 1 OCC STATUS: PA, TVD: 996'	
51	490497	2106636	0.0	LAT:34°40'50.40"N LON:97°38'43.13"W	LAT:34.68066639 LON:-97.64531346	AC - CLR CONDIT #1-5H OCC STATUS: AC, TVD: 19980'	
52	485648	2109799	0.0	LAT:34°40'02.33"N LON:97°38'05.46"W	LAT:34.66731299 LON:-97.63485127	AC - CLR CONDIT #2-5-32XH OCC STATUS: AC, TVD: 176926'	
53	485604	2105761	0.0	LAT:34°40'02.03"N LON:97°38'53.81"W	LAT:34.66722992 LON:-97.64828087	AC - CLR CELESTA #1-5-32XH OCC STATUS: AC, TVD: 21558'	
54	485659	2109324	0.0	LAT:34°40'02.44"N LON:97°38'11.15"W	LAT:34.66734548 LON:-97.63643112	AC - CLR CELESTA #2-5-32XH OCC STATUS: AC, TVD: 13171'	
55	490944	2105853	0.0	LAT:34°40'54.85"N LON:97°38'52.48"W	LAT:34.68190342 LON:-97.64791030	AC - COLBERT #1-32H OCC STATUS: AC, TVD: 19023'	
100	485666	2107690	1176.5	LAT:34°40'02.57"N LON:97°38'30.71"W	LAT:34.66738093 LON:-97.64186307	A. CELESTA #5-5-32XH 230' FSL - 2590' FWL	1177.9
101	485666	2107730	1178.4	LAT:34°40'02.57"N LON:97°38'30.23"W	LAT:34.66738121 LON:-97.64173005	B. CELESTA #6-5-32XH 230' FSL - 2630' FWL	1177.9
200	486144	2107473	0.0	LAT:34°40'07.31"N LON:97°38'33.29"W	LAT:34.66869838 LON:-97.64258049	A. HEEL SLOT 710' FSL - 2376' FWL	
201	486150	2108349	0.0	LAT:34°40'07.34"N LON:97°38'22.80"W	LAT:34.66870447 LON:-97.63966764	B. HEEL SLOT 710' FSL - 2046' FEL	
300	495961	2107424	0.0	LAT:34°41'44.43"N LON:97°38'33.46"W	LAT:34.69567455 LON:-97.64262860	A. BOTTOM HOLE LOCATION 50' FNL - 2376' FWL	
301	495962	2108294	0.0	LAT:34°41'44.40"N LON:97°38'23.03"W	LAT:34.69566768 LON:-97.63973126	B. BOTTOM HOLE LOCATION 50' FNL - 2046' FEL	

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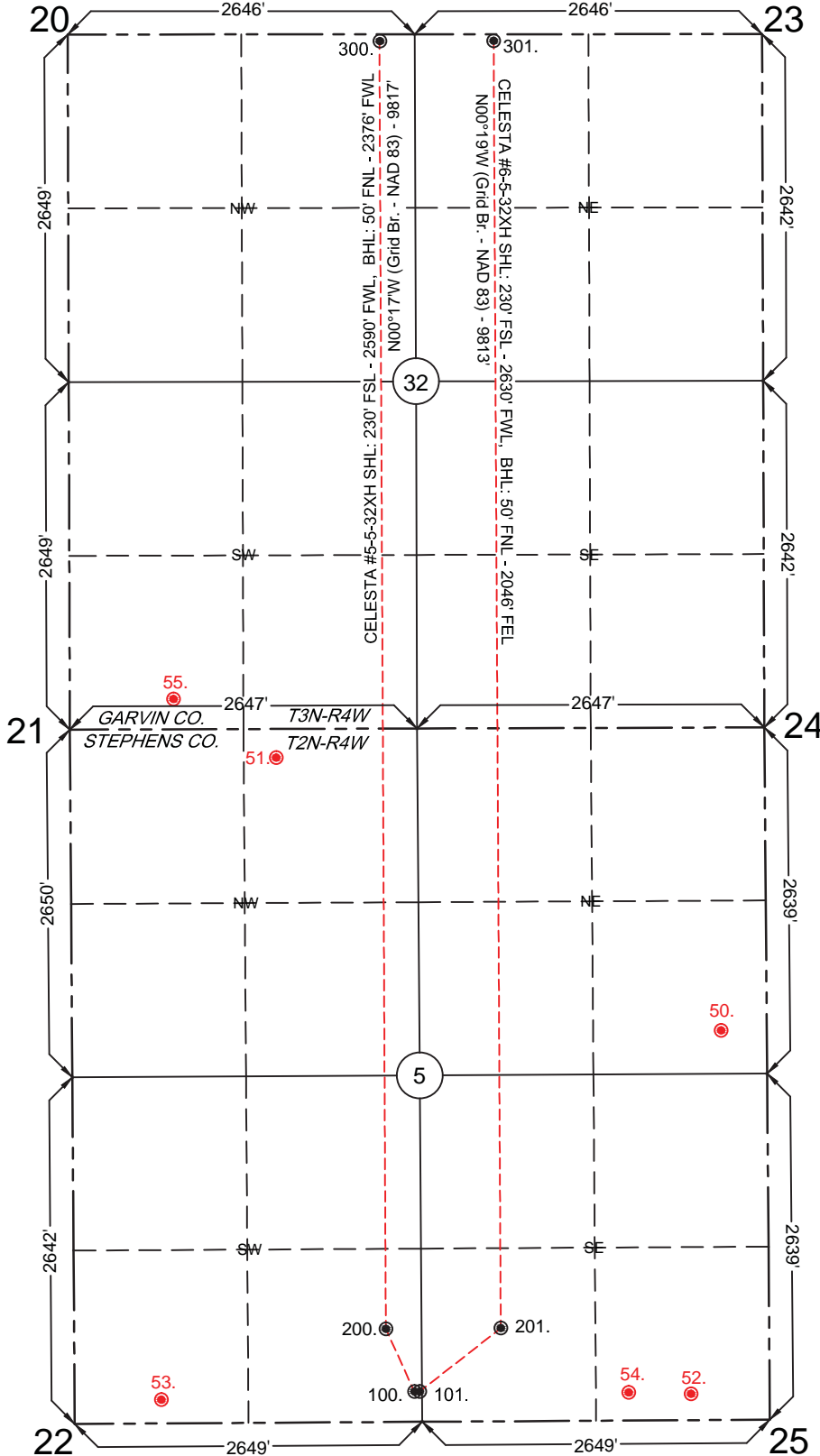


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 STEPHENS COUNTY  
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 GARVIN COUNTY  
 (SHEET 3 OF 3)

Operator : CONTINENTAL RESOURCES, INC.

3513727500



1" = 1320'

GPS DATUM  
 NAD - 27  
 NAD - 83  
 OK SOUTH ZONE

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.

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*Lance G. Mathis*  
 LANCE G. MATHIS

6/05/17  
 OK LPLS 1664

