

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

API NUMBER: 137 27493

Approval Date: 04/25/2017
Expiration Date: 10/25/2017

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 05 Twp: 2N Rge: 4W County: STEPHENS
SPOT LOCATION: SW SW SE SE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 213 1075

Lease Name: CELESTA Well No: 2-5-32XH Well will be 213 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	11771	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 131585
662675

Location Exception Orders: 661895

Increased Density Orders:

Pending CD Numbers: 201700150
201700151

Special Orders:

Total Depth: 23658

Ground Elevation: 1188

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 390

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)

PERMIT NO: 17-32464

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: N2 N2 NE NE
Feet From: NORTH 1/4 Section Line: 30
Feet From: EAST 1/4 Section Line: 660
Depth of Deviation: 13108
Radius of Turn: 418
Direction: 5
Total Length: 9893
Measured Total Depth: 23658
True Vertical Depth: 13171
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 - 661895, MEMO, and PENDING CD - 201700150.

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 - 201700151	4/25/2017 - G60 - 32-3N-4W X131585 SPRG 1 WELL NO OP. NAMED REC. 2/21/17 (P. PORTER)
SPACING - 131585	4/25/2017 - G60 - (640) 5-2N-4W & 32-3N-4W EST SPRG, OTHERS
SPACING - 662675	4/25/2017 - G60 - (I.O.) 5-2N-4W & 32-3N-4W EST MULTIUNIT HORIZONTAL WELL X131585 SPRG 50% 32-3N-4W 50% 5-2N-4W NO OP. NAMED 4/11/17

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

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)

Operator : CONTINENTAL RESOURCES, INC.

3513727493

NAD 83

Point	Northing	Easting	Elevation	Latitude/Longitude	Latitude/Longitude	Description	Design Elevation
20	496052	2073452	0.0			IR W/CAP NW COR 32-3N-4W	
21	490754	2073469	0.0			IR W/CAP SW COR 32-3N-4W	
22	485462	2073506	0.0			"1/2"" IR SW COR 5-2N-4W"	
23	496056	2078745	0.0			IR W/CAP NE COR 32-3N-4W	
24	490771	2078763	0.0			"3/8"" IR NE COR 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	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	485701	2077728	1188.1'	LAT:34°40'02.72"N LON:97°38'12.26"W	LAT:34.66742346 LON:-97.63673966	A. CELESTA #2-5-32XH 213' FSL - 1075' FEL	1188.0'
101	485701	2077708	1188.0'	LAT:34°40'02.72"N LON:97°38'12.50"W	LAT:34.66742332 LON:-97.63680618	B. CELESTA #3-5-32XH 213' FSL - 1095' FEL	1188.0'
200	486185	2078469	0.0	LAT:34°40'07.49"N LON:97°38'03.37"W	LAT:34.66874745 LON:-97.63426905	A. HEEL SLOT 693' FSL - 330' FEL	
201	486180	2077611	0.0	LAT:34°40'07.47"N LON:97°38'13.64"W	LAT:34.66874159 LON:-97.63712254	B. HEEL SLOT 693' FSL - 1188' FEL	
300	496005	2078415	0.0	LAT:34°41'44.63"N LON:97°38'03.59"W	LAT:34.69573099 LON:-97.63433132	A. BOTTOM HOLE LOCATION 50' FNL - 330' FEL	
301	496005	2077557	0.0	LAT:34°41'44.66"N LON:97°38'13.87"W	LAT:34.69573768 LON:-97.63718573	B. BOTTOM HOLE LOCATION 50' FNL - 1188' 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-D

Date Staked : 02/16/17 By : H.S.

Date Drawn : 06/08/17 By : J.H.



Well Location Plat

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 S.H.L. SEC. 5-2N-4W I.M.
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 GARVIN COUNTY
 (SHEET 2 OF 3)

Operator : CONTINENTAL RESOURCES, INC.

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NAD 27

Point	Northing	Easting	Elevation	Latitude/Longitude	Latitude/Longitude	Description	Design Elevation
20	496010	2105047	0.0			IR W/CAP NW COR 32-3N-4W	
21	490712	2105064	0.0			IR W/CAP SW COR 32-3N-4W	
22	485420	2105102	0.0			"1/2"" IR SW COR 5-2N-4W"	
23	496013	2110340	0.0			IR W/CAP NE COR 32-3N-4W	
24	490729	2110358	0.0			"3/8"" IR NE COR 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	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	485658	2109324	1188.1'	LAT:34°40'02.44"N LON:97°38'11.15"W	LAT:34.66734548 LON:-97.63643112	A. CELESTA #2-5-32XH 213' FSL - 1075' FEL	1188.0'
101	485658	2109304	1188.0'	LAT:34°40'02.44"N LON:97°38'11.39"W	LAT:34.66734534 LON:-97.63649763	B. CELESTA #3-5-32XH 213' FSL - 1095' FEL	1188.0'
200	486143	2110065	0.0	LAT:34°40'07.21"N LON:97°38'02.26"W	LAT:34.66866949 LON:-97.63396056	A. HEEL SLOT 693' FSL - 330' FEL	
201	486138	2109207	0.0	LAT:34°40'07.19"N LON:97°38'12.53"W	LAT:34.66866366 LON:-97.63681398	B. HEEL SLOT 693' FSL - 1188' FEL	
300	495963	2110010	0.0	LAT:34°41'44.35"N LON:97°38'02.48"W	LAT:34.69565382 LON:-97.63402256	A. BOTTOM HOLE LOCATION 50' FNL - 330' FEL	
301	495963	2109152	0.0	LAT:34°41'44.38"N LON:97°38'12.76"W	LAT:34.69566054 LON:-97.63687690	B. BOTTOM HOLE LOCATION 50' FNL - 1188' 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-D
 Date Staked : 02/16/17 By : H.S.
 Date Drawn : 06/08/17 By : J.H.

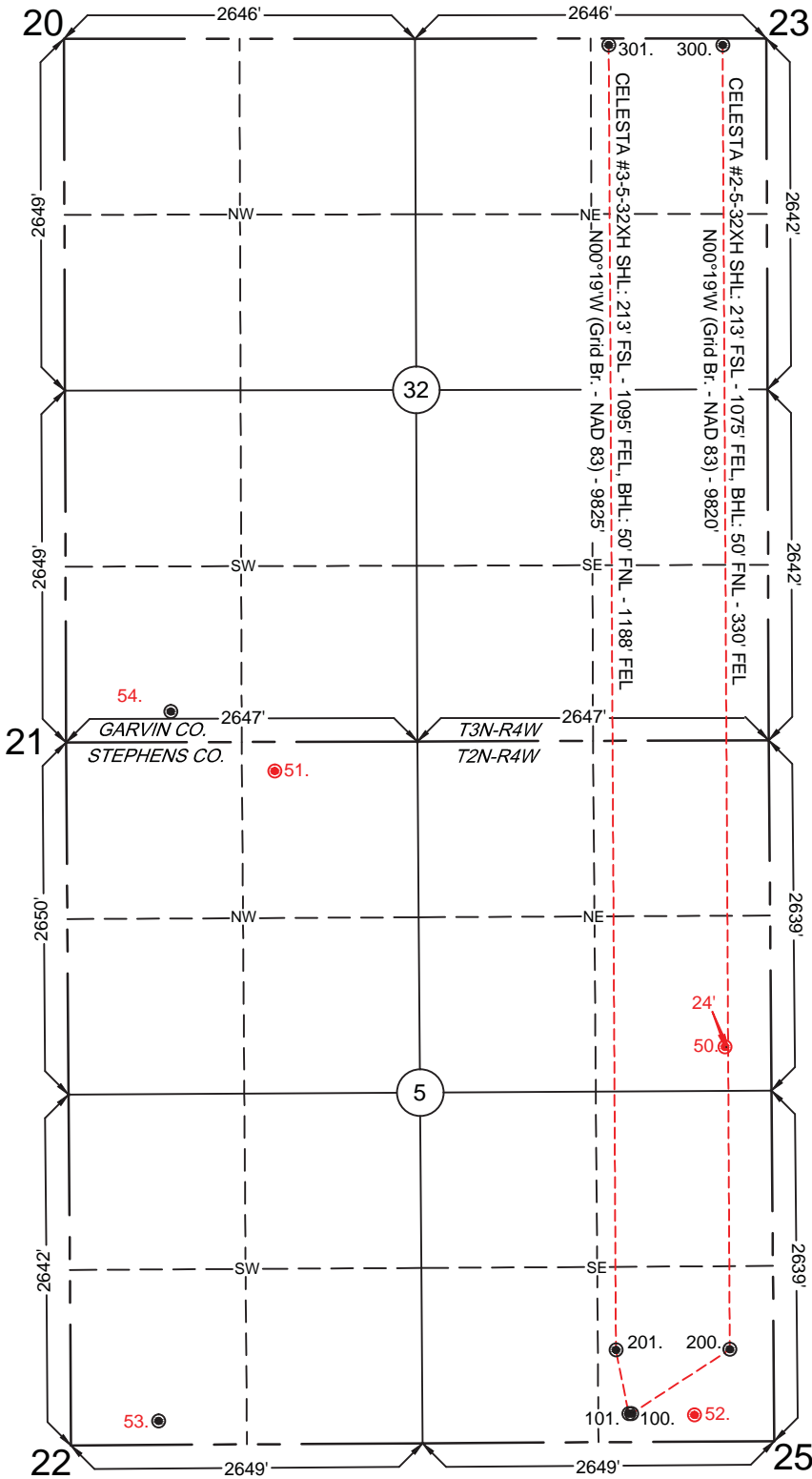


Well Location Plat

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GARVIN COUNTY
(SHEET 3 OF 3)



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 07/11/17
OK LPLS 1664

