PI NUMBER: 137 27475 rizontal Hole Oil & Gas	OIL & GAS CO P.C OKLAHOMA	RPORATION COMMISSION NSERVATION DIVISION . BOX 52000 CITY, OK 73152-2000 e 165:10-3-1)	Approval Date: 08/17/2016 Expiration Date: 02/17/2017	
	PER	MIT TO DRILL		
	<u>1 EN</u>			
WELL LOCATION: Sec: 36 Twp: 1N Rge: 5W	County: STEPHENS			
SPOT LOCATION: SW NW NW NE	FEET FROM QUARTER: FROM NOR	H 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 CONTINENTAL RESOURCES INC Name:	Te	lephone: 4052349020; 4052349	OTC/OCC Number: 3186 0	
CONTINENTAL RESOURCES INC				
PO BOX 269000		LLOYD E. & SHEILA ELY		
OKLAHOMA CITY, OK	73126-9000	RT 4 BOX 100	01/ 70500	
		DUNCAN	OK 73533	
3 SYCAMORE 4 5 Spacing Orders: 619391	10643 Location Exception Orders	8 9 10	Increased Density Orders:	
Pending CD Numbers: 201603263 201603316 201603317			Special Orders:	
Total Depth: 21695 Ground Elevation: 112	25 Surface Casi	ng: 1500	Depth to base of Treatable Water-Bearing FM: 630	
Under Federal Jurisdiction: No	Fresh Water Suppl	y Well Drilled: No	Surface Water used to Drill: No	
PIT 1 INFORMATION		Approved Method for disposal	of Drilling Fluids:	
Type of Pit System: ON SITE		A. Evaporation/dewater and b	packfilling of reserve pit.	
Type of Mud System: WATER BASED		D. One time land environment		
Chlorides Max: 3000 Average: 2500 Is depth to top of ground water greater than 10ft below bas Within 1 mile of municipal water well? N	se of pit? Y	D. One time land application - H. SEE MEMO	(REQUIRES PERMIT) PERMIT NO: 16-3153	
Wellhead Protection Area? N				
Pit is located in a Hydrologically Sensitive Area.				
Category of Pit: 2				
Liner not required for Category: 2				

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 2	24	Twp	1N	Rge	5W	County	STEPHENS
Spot Lo	ocation	n of En	d Poir	nt: N	2 NE	E NE	NW
Feet Fr	om:	NOF	RTH	1/4 Se	ction Lir	ne: 3	0
Feet Fr	om:	WE	ST	1/4 Se	ction Lir	ne: 2	310
Depth of	of Dev	iation:	1043	37			
Radius	of Tu	rn: 40)9				
Directio	on: 3	57					
Total L	ength:	1061	5				
Measu	red To	tal Dep	oth: 2	1695			
True V	ertical	Depth	: 110	000			
End Po	oint Lo	cation	from I	Lease,			
U	nit, or	Proper	ty Lin	e: 30			
Notes	:						
Categ	ory					[Description
DEEP SURFACE CASING						8	/15/2016 - G71 - APPROVED; NOTIFY OC

8/15/2016 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING HYDRAULIC FRACTURING 8/15/2016 - G71 - OCC 165:10-3-10 REQUIRES: 1) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS BE REPORTED TO FRACFOCUS USING THE FOLLOWING LINK HTTP://FRACFOCUS.ORG/ WITH NOTICE GIVEN 48 HOURS IN ADVANCE OF FRACTURING TO THE LOCAL OCC DISTRICT OFFICE; AND, 2) PRIOR TO COMMENCEMENT OF FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE ALSO GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE. MEMO 8/15/2016 - G71 - PITS 1 & 2 - CONCRETE LINED PIT PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS HAULED TO DEQ APPROVED FACILITY - PAUL VALLEY LANDFILL (GARVIN) - 3525009 - SOUTHERN PLAINS LANDFILL (GRADY) - 3526013 PENDING CD - 201603263 8/17/2016 - G60 - (E.O.)(640) 24-1N-5W VAC 446466 SCMR. OTHER EXT 619391 HNTN, OTHER EST MSSP REC. 8-16-16 (P. PORTER) PENDING CD - 201603316 8/17/2016 - G60 - (E.O.) 25 & 24-1N-5W EST MUTLTIUNIT HORIZONTAL WELL X619391 (25-1N-5W) MYES, SCMR, OTHER X201603263 (24-1N-5W) MSSP, OTHER (MYES ASSOCIATED COMMON SOURCE OF SUPPLY TO SCMR, MSSP) 50% 24-1N-5W 50% 25-1N-5W CONTINENTAL RESOURCES INC.

REC. 8-16-16 (P. PORTER)

137 27475 COTTONWOOD EAST 1-25-24XH

PENDING CD - 201603317

Description

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) 8/17/2016 - G60 - (640/80) 25-1N-5W

SPACING - 619391

EST (80) OTHER EST (640) SCMR, OTHERS

API: 137-27475

EXHIBIT "A" Continental Well Location Plat S.H.L. Sec. 36-1N-5W I.M B.H.L. Sec. 24-1N-5W I.M. STEPHENS COUNTY Operator : CONTINENTAL RESOURCES, INC. NAT. GF DESIGN LEASE NAME SHL LATITUDE LONGITUDE EASTING NORTHING LATITUDE LONGITUDE EASTING NORTHING HH ELEV. ELEV. 97*40'35,14"W 34°31'12 53'N 34*33'01.67"N 97°40'40.97'W OTTONWOOD 495' FNL 2487' FEI 2097468 432049 432091 30' FNL 2310' FW 1125 97'40'36.25 -97.676428 97°40'42.08'V -97.67804733 2096945 2065350 443081 443123 EAST #1-25-24XH 34°31'12.82'h 34.52014587 1128 34 33 01.96 1 34.55046382 2065873 34.52022785 -97.67673637 34,55054486 -97.67835571 BOTTOM HOLE LOC.: 30' FNL - 2310' FWL REDBUD OIL CORP HEFNER 1 \$14' FNL - 1634' FWL X:209463 LAT: 34°32'58.85'W X:209990 Y:443126 X:206831 Y:443167 Y:443099 X:2063040 1 ON 97*40'19 08'W 2. LAT: 34.54967930 @ 11. 6 12. V-443141 LON: -97.68029342 X: 2096270 3.0 676 , 52' 4. 🍘 Y: 442793 5. 🍘 2. REDBUD OIL CORP. BURNS 1 197' FNL - 399' FWL LAT: 34°32'59.98'N **@** 13. 6.0 1000 200 LON: 97*41'03.82"W .AT: 34.54999503 7 🚳 1" = 2000' ON: -97.68439526 X: 2095035 Y: 442904 GPS DATUM NAD 63) @14. 8.60 NAD - 27 3. O'NEAL OIL & GAS SEA PROPERTIES 2-24 511' FNL - 733' FWL LAT: 34"32'58.88"N NAD - 83 OK SOUTH ZONE 10552 ON: 97 40'59.84 W 264 AT: 34.54913383 1. CONOCO PHILLIP LON: -97.68328953 ≷ **@**15. DOYLE FIELD 41WO2 X: 2095368 335' FNL - 2310' FEL LAT: 34'32'58.66'N Y: 442592 ĝ 7: 442592 4. CONOCO PHILLIPS SEA PROPERTIES 1 929'FNL - 644'FWL LAT: 34'32'52,75'N LON: 97'4100,92'W LAT: 34:54798687 LON: 97.68358771 X: 2005280 LAT: 34'32'58.66'N LON: 97'40'33,18'W LAT: 34.54962764 LON: -97.67588367 X: 2097598 Y: 442778 700002 1:437836 1:437836 1:2068326 Y:437819 9. 206304 19766-437878 10.@ 12. OTC/OCC NA DOYLE FIELD 41-01 333' FNL - 979' FEL LAT: 34'32'58.70'N 16.🜚 X: 2095280 Y: 442174 5. O'NEAL OIL & GAS LON: 97*40'17.27"W SEA PROPERTIES 1A 1085' FNL - 287' FWL LAT: 34.54963891 LON: -97.67146399 X: 2098929 AT: 34 3251 20"W LAT: 34'32'51.20'N LON: 97''41'05.18'W LAT: 34.54755506 LON: -97.68477356 X: 2094923 Y: 442016 17.@ Y: 442787 13. CONOCO FHILLIPS DOYLE UNIT 43W01 1635' FNL - 981' FEL LAT. 34'3245.83'N LON: 97'40'17.30'W LAT. 34.54606257 LON: -97.67'147'148 W. 202002 2 5. O'NEAL OIL & GAS POLLARD 3-24 POLLARD 3-24 1752'FNL - 811'FWL LAT: 34'32'44,61'N X: 2098931 LAT: 34°32'44,61'N LON: 97°40'58,94'W LAT: 34,54572502 LON: -97,68303941 X: 2095448 Y: 441351 Y: 441485 14. PHOENIX PETROCOR 14. PHOENIX PETROCOR DOYLE FIELD UNIT 44-1 2346' FSL - 1016' FEL LAT: 34:3232.90'N LON: 97'40'17,72'W LAT: 34.54247146 LON: -97,67158886 V: 200800 200005 C2099954 (:432549 (:2066359 (:432591 :432539 :2063072 7. O'NEAL OIL & GAS POLLARD 1 2140' FNL - 473' FWL LAT: 34*3240.77'N SURFACE HOLE LOC HEEL SLOT.: 15' FNL - 2310' FWL LAT: 34'31'17.28'N 432581 495' FNL - 2487' FEL X: 2098899 ON: 97*4102.99 W ON: 97°40'40,99"W AT: 34"31'17.58"N Y: 440178 LAT: 34.54465726 15. JONES L E 2040 LON: -97.68416401 ON: 97*40'42,10'W BAKER 1 840' FSL - 968' FEL LON: 97 4042,107 LAT: 34,52146796 LON: -97,67805392 LAT: 34,52154989 LON: -97,67836207 X: 2095110 Y: 440962 840° FSL - 968' FEL LAT: 34'32'18.00'N LON: 97*40'17.17'W LAT: 34.53833283 LON: -97.67143474 X: 2098951 Y: 438672 8. ONEAL OIL & GAS POLLARD 2 2297' FSL - 990' FWL LAT: 34'32'32.42'N LON: 97'40'56.83'W LAT: 34.54233906 LAT: 34.54233906 X: 2096977 Y: 432529 2065382 432571 16, OTC/OCC N/A MCKNIGHT 1 LON: -97.68245298 X- 2095628 MCKNIGHT 7 1011' FNL - 308' FEL LAT: 34'31'59.69'N Y: 440120 9. CONTINENTAL EL Y #1-25-36XH 201 F FNL - 780 'FWL LAT: 34'32'07.71'N LON: 97'40'59.39'W LAT: 34.53617486 ON: 97 4009.25W ž AT: 34 53324668 LAN: 34.55524008 LON: -97.66923557 X: 2099619 Y: 436824 Y:427253 X:206307 17. 010024 17. 0TC/OCC NA GREEN ESTATE 1 2336' FNL - 1859' FEL LAT: 34'31'46.58'W LON: 97'40'25.35'W Y:427270 LON: -97.68316455 X: 2095422 (206837) -2654' -2654 Y: 437621 10. HELMERICH & PAYNE Quarter Section distances may be assumed from a Government Survey Plat or assumed at a POLLARD 1 753' FNL - 760' FWL LAT: 34.52960675 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. LON: -97.67370716 753' FNL - 760' FWL LAT: 34'32'02.24'N LON: 97'40'59.63'W LAT: 34.53395633 LON: -97.68322948 X: 2095404 X: 2095404 X-2008277 NOTE: X and Y data shown hereon for Section Corners may NOT have been surveyed on-line-ground, and further, does NOT represent a true Boundary Survey Y: 435495 Press 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 context Arkoma Surveying and Mapping promptly if any inconsistency is determined. GPS data is observed from RTK - GPS. CF.SSIONA, Y: 437068 William SSIONAL ROFESSIONAL 4mb Certification: survey and plat by, Arkoma Surveying and Mapping, PLLC This is to certify that this Well Location Plat represents CENSED SURVEROP LANCE G. P.O. Box 238 Wilburton, OK 74578 Ph. 918-465-5711 Fax 918-465-5030 the results of a survey made on the ground performed MATHIS under the supervision of the undersigned. Certificate of Authorization No. 5348 Expires August 31, 2018 1664 OKLAHOMA

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

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