API NUMBER: 051 24772

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

Approval Date: 03/06/2020
Expiration Date: 09/06/2021

Multi Unit Oil & Gas

			PER	MIT T	O DRILL			
WELL LOCATION:	Section: 32	Township: 7N	Range: 6W C	County: GR	ADY			
SPOT LOCATION: S	SE NW NE	NE FEET FROM 0			ROM EAST	_		
		SECTION	ON LINES: 3	375	940			
Lease Name: C	UNNINGHAM		Well No: 5	5-32-5XHW	Well	will be 375	feet from nearest unit	or lease boundary.
Operator Name: Co	ONTINENTAL RESOL	JRCES INC	Telephone: 4	1052349020	; 4052349000;		OTC/OCC Num	ber: 3186 0
CONTINENTAL	RESOURCES IN	IC						
PO BOX 269000	0				JERRY D. WEAVER &	HELEN WE	AVER	
OKLAHOMA CIT	TY.	OK 73126-90	00		1529 COUNTY ROAD	1400		
	,	010 70120 00			CHICKASHA		OK 73018	
					CHICKAGHA		OK 73016	
Formation(s) (F	Permit Valid for L	isted Formations Or	nly):					
Name		Code	Depth					
1 MISSISSIPPIAN	١	359MSSP	13582					
2 MISSISSIPPI LII	ME	351MSSLM	13978					
3 WOODFORD		319WDFD	14020					
	4268 1556		Location Exception	on Orders:	No Exceptions	lı	ncreased Density Orders:	No Density Orders
Pending CD Numbers:	202000359				_		Special Orders:	No Special Orders
-	202000360							
	202000366							
	202000364							
Total Depth: 2395	50 Ground I	Elevation: 1074	Surface Ca	neina: 1	500	Denth to hase	of Treatable Water-Bearin	na FM: 600

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urface Casing: 1500

Deep surface casing has been approved

Under Federal Jurisdiction: No
Fresh Water Supply Well Drilled: No
Surface Water used to Drill: Yes

Approved Method for disposal of Drilling Fluids:

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

PERMIT NO: 20-37267

H. SEE MEMO

PIT 1 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: WATER BASED

Chlorides Max: 5000 Average: 3000

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 <u>is</u> located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is: ALLUVIAL

Pit Location Formation: ALLUVIUM

PIT 2 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

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 <u>is</u> located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is: ALLUVIAL

Pit Location Formation: ALLUVIUM

MULTI UNIT HOLE 1

Section: 5 Township: 6N Range: 6W Total Length: 10169

County: GRADY Measured Total Depth: 23950

Spot Location of End Point: S2 S2 SE True Vertical Depth: 14357

Feet From: SOUTH 1/4 Section Line: 50 End Point Location from
Feet From: EAST 1/4 Section Line: 1320 Lease,Unit, or Property Line: 50

NOTES:	
Category	Description
DEEP SURFACE CASING	2/24/2020 - GC2 - 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	2/24/2020 - GC2 - OCC 165:10-3-10 REQUIRES:
	1) PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE;
	2) WITH NOTICE ALSO GIVEN 48 HOURS IN ADVANCE OF HYDRAULIC FRACTURING ALL WELLS TO BOTH THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES, USING THE "FRAC NOTICE FORM" FOUND AT THE FOLLOWING LINK: OCCEWEB.COM/OG/OGFORMS.HTML; AND,
	3) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION THE HYDRAULIC FRACTURING OPERATIONS, USING THE FOLLOWING LINK: FRACFOCUS.ORG
MEMO	2/24/2020 - GC2 - CLOSED SYSTEM=STEEL PITS (REQUIRED - WEST FORK OF BITTER CREEK), OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING CD - 202000359	3/6/2020 - G56 - (I.O.) 32-7N-6W & 5-6N-6W ESTABLISH MULTIUNIT HORIZONTAL WELL X204268 MSSLM, WDFD 32-7N-6W X204268 WDFD 5-6N-6W X621556 MSSP 5-6N-6W (MSSLM, MSSP ARE ADJACENT COMMON SOURCES OF SUPPLY TO WDFD) 50% 32-7N-5W 50% 5-6N-6W CONTINENTAL RESOURCES, INC. REC 3/3/2020 (P. PORTER)
PENDING CD - 202000360	3/6/2020 - G56 - (I.O.) 32-7N-6W & 5-6N-6W X204268 MSSLM, WDFD 32-7N-6W X204268 WDFD 5-6N-6W X621556 MSSP 5-6N-6W COMPL INT (32-7N-6W) NCT 150' FNL, NCT 0' FSL, NCT 660' FEL COMPL INT (5-6N-6W) NCT 0' FNL, NCT 150' FSL, NCT 660' FEL CONTINENTAL RESOURCES, INC. REC 3/3/2020 (P. PORTER)
PENDING CD - 202000364	3/6/2020 - G56 - 32-7N-6W X204268 WDFD 5 WELLS NO OP NAMED REC 3/3/2020 (P. PORTER)
PENDING CD - 202000366	3/6/2020 - G56 - 5-6N-6W X621556 WDFD 5 WELLS NO OP NAMED REC 3/3/2020 (P. PORTER)
SPACING - 204268	3/6/2020 - G56 - (640) 32-7N-8W & 5-6N-6W EXT OTHERS EXT 156047 MSSLM, OTHERS EXT 172459 WDFD, OTHERS (VAC MSSLM 5-6N-6W BY 621556)
SPACING - 621556	3/6/2020 - G56 - (640) 5-6N-6W VAC OTHER VAC 204268 MSSLM, OTHERS EXT 610599 MSSP, OTHERS

EXHIBIT: <u>A (2 of 4)</u>

SHEET: 8.5x11

SHL:

32-7N-6W

BHL-5

5-6N-6W

BHL-6

5-6N-6W



## COVER SHEET CONTINUED...

## CONTINENTAL RESOURCES, INC.

P.O. BOX 26900 OKLAHOMA CITY, OK 73126 \* (T) 1-800-256-8955 (F) 405-234-9253

Section $32$ Township $7N$ Range $6W$ I.M.	
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Well: CUNNINGHAM 5-32-5XHW

GRADY\_\_\_\_State\_\_OK\_\_ County \_\_\_\_

Well: CUNNINGHAM 6-32-5XHM

Operator CONTINENTAL RESOURCES, INC.

		NAD-	-27					
POINT	WELL NAME	NORTHING	EASTING	LATITUDE LONGITUDE	LATITUDE LONGITUDE		EXISTING ELEVATION	<b>DESIGN</b> ELEVATION
W5	CUNNINGHAM 5-32-5XHW	622202	2045038	35' 02' 34.71" -97' 50' 58.36"	35.042976 -97.849544	375' FNL / 940' FEL (NE/4 SEC 32)	1072.79'	1074.44'
LP-5	LANDING POINT	622201	2044658	35° 02° 34.71° -97° 51° 02.93°	35.042975 -97.850813	375' FNL / 1320' FEL (NE/4 SEC 32)		
BHL-5	BOTTOM HOLE LOCATION	612032	2044650	35° 00' 54.12" -97' 51' 03.20"	35.015033 -97.850889	50' FSL / 1320' FEL (SE/4 SEC 5)		
W6	CUNNINGHAM 6-32-5XHM	622202	2045068	35° 02' 34.71" -97° 50' 58.00"	35.042976 -97.849444	375' FNL / 910' FEL (NE/4 SEC 32)	1072.93	1074.44'
LP-6	LANDING POINT	622204	2045648	35' 02' 34.72" -97' 50' 51.02"	35.042977 -97.847506	375' FNL / 330' FEL (NE/4 SEC 32)		
BHL6	BOTTOM HOLE LOCATION	612034	2045640	35° 00' 54.12" -97' 50' 51.30"	35.015035 -97.847583	50' FSL / 330' FEL (SE/4 SEC 5)		
X-1	REYNOLDS-BOLES #1-32	619800	2044257	35° 02' 10.97" -97° 51' 07.79"	35.036380 97.852163	32-7N-6W:   TD: 13,100'   2,500' FSL / 1,713' FEL		
X-2	NUNN #1-32H	617498	20 <b>43</b> 651	35' 01' 48.21" -97' 51' 15.12"	35.030057 -97.854201	32-7N-6W:   TD: 17,323'   200' FSL / 2,310' FEL		
X-3	HARTLEY #2-29H	622296	2042144	35° 02' 35.68" -97° 51' 33.16"	35.043244 -97.859210	32-7N-6W:   TD: 18,791'   275' FNL / 1,485' FWL		
X-4	HARTLEY #3-29H	622089	2043503	35° 02' 33.61" -97° 51' 16.82"	35.042670 -97.854673	32-7N-6W:   TD: 18,453'   485' FNL / 2,475' FEL		
X-5	HARTLEY #1-29H	622268	2041089	35' 02' 35.42" -97' 51' 45.84"	35.043172 -97.86273 <b>5</b>	32-7N-6W:   TD: 18,350'   300' FNL / 430' FWL		
X-6	CHESTER #3-32-5XHS	622089	2043703	35° 02° 33.61″ -97° 51° 14.42″	35.042671 97.854005	32-7N-6W:   TD: 23,045'   485' FNL / 2,275' FEL		
X-7	CHESTER #2-32-5XHS	622296	2042143	35° 02° 35.68″ -97° 51° 33.17″	35.043244 -97.859213	32—7N—6W:   TD: 23,004'   275' FNL / 1,484' FWL		
X-8	MISER ET AL UNIT #1	612946	2041883	35° 01' 03.21" -97° 51' 36.46"	35.017557 -97.860127	5-6N-6W:   TD: 13,200'   970' FSL / 1,210' FWL		
X-9	HUMPHREY #1	615939	2041332	35° 01' 32.82" -97° 51' 43.03"	35.025783 -97.861952	5-6N-6W:   TD: 12,988'   1,351' FNL / 660' FWL		
X-10	CUNNINGHAM #1-5H	612199	2043400	35° 00' 55.80" -97° 51' 18.23"	35.015499 97.855064	5-6N-6W:   TD: 19,114'   220' FSL / 2,570' FEL		
X-11	CHESTER #1-32H	616979	2045262	35° 01° 43.05″ -97° 50° 55.76″	35.028624 97.848823	5-6N-6W:   TD: 18,425'   325' FNL / 699' FEL		

Certificate of Authorization No. 7318



Prepared By: Petro Land Services South 10400 Vineyard Blvd. Suite C Oklahoma City, OK 73120

CURRENT REV.: 2

PETRO LAND SERVICES SOUTH, LLC
10400 VINEYARD BLVD. SUITE C, OKIA. CITY, OKIA. 73120 \* OFFICE (405) 212-3108
Certificate of Authorization No. 7318

Continental

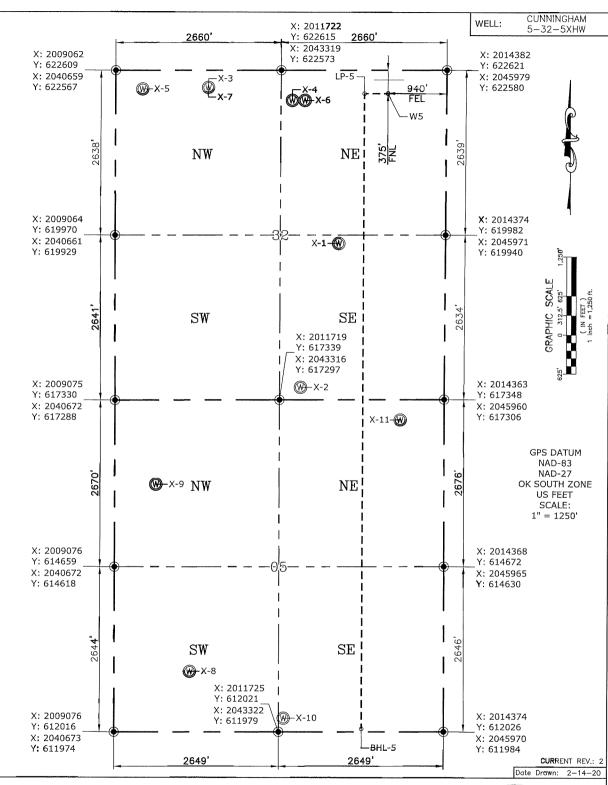
EXHIBIT: <u>A (3 of 4</u>) 8.5x14 SHEET: 32--7N--6W SHL:

BHL-5

5-6N-6W

**GRADY** County Oklahoma 375' FNL-940' FEL Section 7N Range 6W 32 Township \_ I.M.

CONTINENTAL RESOURCES,INC (OPERATOR)



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 PLS promptly if any inconsistency is determined. GPS data is observed from RTK-GPS. 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. 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.

## **CERTIFICATE:**

 $I, \underline{RANDALL} \ J. \ \underline{BILYEU}$  an Oklahoma Licensed Land Surveyor and an authorized agent of Petro Land Services South, LLC, do hereby certify to the information shown herein.

