| | OIL & GAS (I OKLAHOI (E County: CUSTE | ORTH FROM WEST | SION | Approval Date: Expiration Date: | 10/07/2016 04/07/2017 | |
|---|--|---------------------------|--------------------------|------------------------------------|----------------------------|--|
| Lease Name: KAISER VAUGH | Well No: 1 | -35-2XH | Well will be | 215 feet from neare | st unit or lease boundary. | |
| Operator CONTINENTAL RESOURCES INC Name: | | Telephone: 4052349020; 40 | 052349 | OTC/OCC Number: | 3186 0 | |
| CONTINENTAL RESOURCES INC PO BOX 269000 OKLAHOMA CITY, OK 7 | 3126-9000 | ZTR, 22850 CORE |) E. 1210 ROAD | | 3632 | |
| Formation(s) (Permit Valid for Listed Form Name 1 WOODFORD 2 3 4 | ations Only): Depth 13962 | Name 6 7 8 9 | 3 | Dept | h | |
| 5 | | 10 | | | | |
| Spacing Orders: No Spacing | Location Exception Or | ders: | - | ncreased Density Orders: | | |
| Pending CD Numbers: 201602253 201602251 201604084 201604085 201604085 Total Depth: 24052 Ground Elevation: 1714 | Surface Ca | nsing: 1500 | | Special Orders: | r-Bearing FM: 260 | |
| Under Federal Jurisdiction: No | Fresh Water S | upply Well Drilled: No | | Surface Water | ised to Drill: No | |
| PIT 1 INFORMATION | | | d for disposal of Drilli | | | |
| Type of Pit System: ON SITE | | | dewater and backfillir | - | | |
| Type of Mud System: WATER BASED | | | | | | |
| Chlorides Max: 8000 Average: 5000 Is depth to top of ground water greater than 10ft below base | H. SEE MEMO | | | | | |
| Within 1 mile of municipal water well? N Wellhead Protection Area? N | | E. Haul to Com | mercial pit facility: Se | c. 31 Twn. 12N Rng. 8W C | nty. 17 Order No: 587498 | |
| Pit is located in a Hydrologically Sensitive Area. | | | | | | |
| Category of Pit: 1B | | | | | | |
| Liner required for Category: 1B | | | | | | |
| Pit Location is AP/TE DEPOSIT | | | | | | |
| Pit Location Formation: TERRACE | | | | | | |

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 AP/TE DEPOSIT Pit Location Formation: TERRACE

HORIZONTAL HOLE 1

| Sec | 02 | Twp | 14N | Rge | 14W | С | ounty | CUSTER |
|---|-------|-----|-----|---------|---------|------|-------|--------|
| Spot Location of End Point: S2 SW SW SW | | | | | | SW | | |
| Feet I | From: | SOL | JTH | 1/4 Seo | ction L | ine: | 50 | |
| Feet I | From: | WES | ST | 1/4 Se | ction L | ine: | 33 | 0 |
| Depth of Deviation: 13485 | | | | | | | | |
| Radius of Turn: 750 | | | | | | | | |
| Direction: 180 | | | | | | | | |
| Total Length: 9389 | | | | | | | | |
| Measured Total Depth: 24052 | | | | | | | | |
| True Vertical Depth: 13962 | | | | | | | | |
| End Point Location from Lease, | | | | | | | | |
| Unit, or Property Line: 50 | | | | | | | | |
| | | | | | | | | |

| Notes: | |
|------------------------|---|
| Category | Description |
| DEEP SURFACE CASING | 10/6/2016 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY FOR ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON CONDUCTOR OR SURFACE CASING |
| HYDRAULIC FRACTURING | 10/6/2016 - 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. |
| INTERMEDIATE CASING | 10/6/2016 - G71 - DUE TO THE KNOWN POTENTIAL RISK OF ENCOUNTERING AN OVER- PRESSURED ZONE IN THE MORROW SERIES IN THIS AREA, THE TECHNICAL MANAGER RECOMMENDS SETTING AN INTERMEDIATE STRING OF CASING IMMEDIATELY ABOVE THE MORROW SERIES |
| MEMO | 10/6/2016 - G71 - PIT 1 & 2 - CONCRETE-LINED PIT PER OPERATOR REQUEST; PIT 2 - OBM TO VENDOR, OBM CUTTINGS PER DISTRICT |
| PENDING CD - 201602251 | 10/6/2016 - G75 - (E.O.)(640) 2-14N-14W VAC OTHER EXT 645749 WDFD, OTHERS CONTINENTAL RESOURCES, INC. REC 10-4-2016 (LEAVITT) |
| PENDING CD - 201602253 | 10/6/2016 - G75 - (E.O.)(640) 35-15N-14W VAC OTHER EXT 645749 WDFD, OTHERS CONTINENTAL RESOURCES, INC. REC 10-4-2016 (LEAVITT) |

| Category | Description |
|------------------------|---|
| PENDING CD - 201604084 | 10/6/2016 - G75 - (E.O.) 35-15N-14W & 2-14N-14W EST MULTIUNIT HORIZONTAL WELL X201602253 WDFD, OTHERS 35-15N-14W X201602251 WDFD, OTHERS 2-14N-14W 50% 35-15N-14W 50% 2-14N-14W CONTINENTAL RESOURCES, INC. REC 10-4-2016 (LEAVITT) |
| PENDING CD - 201604085 | 10/6/2016 - G75 - (E.O.) 35-15N-14W & 2-14N-14W X201602253 WDFD, OTHERS 35-15N-14W X201602251 WDFD, OTHERS 2-14N-14W SHL (35-15N-14W) NW4 COMPL. INT. (35-15N-14W) NCT 150' FNL, NCT 0' FSL, NCT 330' FWL COMPL. INT. (2-14N-14W) NCT 0' FNL, NCT 150' FSL, NCT 330' FWL CONTINENTAL RESOURCES, INC. REC 10-4-2016 (LEAVITT) |
| SURFACE CASING | 10/6/2016 - G71 - MIN. 500' PER ORDER # 42589 |

