BEFORE THE OIL AND GAS CONSERVATION COMMISSION OF THE STATE OF COLORADO

| IN THE MATTER OF THE APPLICATION OF |) | CAUSE NO. 407 |
|--|---|---------------|
| EXTRACTION OIL & GAS, INC., FOR AN ORDER |) | |
| ESTABLISHING AN APPROXIMATE 2,560-ACRE |) | DOCKET NO. |
| DRILLING AND SPACING UNIT FOR SECTIONS 5, 6, |) | |
| 7, AND 8, TOWNSHIP 7 NORTH, RANGE 67 WEST, 6 TH |) | TYPE: Spacing |
| P.M., AND AUTHORIZING THE DRILLING OF |) | |
| FORTY-FOUR HORIZONTAL WELLS WITHIN SAID |) | |
| UNIT, FOR PRODUCTION FROM THE CODELL- |) | |
| NIOBRARA FORMATION, WATTENBERG FIELD, |) | |
| WELD COUNTY, COLORADO |) | |
| | | |

APPLICATION

Extraction Oil & Gas, Inc. ("Extraction" or "Applicant"), Operator #10459, by and through its attorneys, The Shanor Group LLC, respectfully submits this Application to the Oil and Gas Conservation Commission of the State of Colorado ("Commission" or "COGCC") for an order establishing an approximate 2,560-acre drilling and spacing unit for Sections 5, 6, 7, and 8, Township 7 North, Range 67 West, 6th P.M., and authorizing the drilling of 44 horizontal wells within the proposed unit, for the production of oil, gas and associated hydrocarbons from the Codell-Niobrara Formation. In support of this Application ("Application"), Applicant states and alleges as follows:

- 1. Applicant is a corporation duly authorized to conduct business in the State of Colorado, and has registered as an operator with the COGCC.
- 2. Applicant owns substantial leasehold interests in the below-listed lands ("Application Lands"):

Township 7 North, Range 67 West, 6th P.M. Section 5: All Section 6: All Section 7: All Section 8: All

3. On April 27, 1988, the Commission adopted Rule 318A which, among other things, allowed certain drilling locations to be utilized to drill or twin a well, deepen a well or recomplete a well and to commingle any or all Cretaceous Age Formations from the base of the Dakota Formation to the surface. Rule 318A supersedes all prior Commission drilling and spacing orders affecting well location and density requirements of Greater Wattenberg Area ("GWA") wells. On December 5, 2005, Rule 318A was amended, among other things, to allow interior infill and boundary wells to be drilled and wellbore spacing units to be established. On August 8, 2011, Rule 318A was again amended, among other things, to address drilling of horizontal wells. The Application Lands are subject to Rule 318A for the Codell-Niobrara Formation.

- 4. Applicant herein seeks the establishment of an approximate 2,560-acre drilling and spacing unit for the Application Lands, and the authority to drill 44 horizontal wells within the proposed unit, for the production of oil, gas and associated hydrocarbons from the Codell-Niobrara Formation. The Codell and Niobrara Formations underlying the Application Lands are a common source of supply. Further, the establishment of the drilling and spacing unit is not smaller than the area which can be efficiently and economically drained by the drilling of the requested horizontal wells to be drilled within said unit.
- 5. Applicant herein requests the treated intervals of any horizontal well permitted under this Application should be located not less than 460 feet from proposed unit boundaries and not less than 150 feet from any other well producing or drilling from the Codell-Niobrara Formation, without exception being granted by the Director.
- 6. Applicant herein requests any permitted well drilled under this Application should be located: (1) on lands overlying the drilling and spacing unit from either inside a Rule 318A GWA drilling window or lands outside the GWA windows with landowner consent, absent exception granted by the Director, or (2) on lands outside the drilling and spacing unit with landowner consent, absent exception granted by the Director. Further, Applicant requests that permitted wells under this Application should be drilled from no more than eight multi-well pads.
- 7. The granting of this Application is in accord with the Oil and Gas Conservation Act found at §34-60-101, *et seq.*, C.R.S., and the COGCC rules.
- 8. Applicant requests that relief granted as result of this Application should be effective on oral order by the Commission, and Applicant hereby agrees to be bound by the oral order of the Commission.
- 9. That the names and addresses of interested parties (owners within the Application Lands) according to the information and belief of the Applicant are set forth in Exhibit B attached hereto. The Applicant shall submit a certificate of service for the Application within seven days as required by Rule 503.e.

WHEREFORE, Applicant respectfully requests this matter be set for hearing, notice be given as required by law, and that upon such hearing the Commission enter its order:

- A. Establishing an approximate 2,560-acre drilling and spacing unit for the Application Lands, and authorizing the drilling of 44 horizontal wells within the proposed unit, for the production of oil, gas and associated hydrocarbons from the Codell-Niobrara Formation, with the treated intervals of any horizontal well permitted under this Application located not less than 460 feet from unit boundaries and not less than 150 feet from any other well producing or drilling from the Codell-Niobrara Formation, without exception being granted by the Director.
- B. Limiting the drilling of any permitted wells under this Application to no more than eight multi-well pads either: (1) on lands overlying the drilling and spacing unit from either inside a Rule 318A GWA drilling window or lands outside the GWA windows with landowner consent, absent exception

granted by the Director, or (2) on lands outside the drilling and spacing unit with landowner consent, absent exception granted by the Director.

C. For such other findings and orders as the Commission may deem proper or advisable given the premises.

DATED this 24th day of May, 2017.

Respectfully submitted,

EXTRACTION OIL & GAS, INC.

By:

Robert A. Willis (Colorado Bar #26308)

The Shanor Group LLC

600 Seventeenth Street, Suite 2800

Denver, CO 80202 (303) 995-5120

Applicant's Address: 370 Seventeenth Street, Suite 5300 Denver, CO 80202

VERIFICATION

| STATE OF COLORADO |) |
|-------------------------|-------|
| CVTV 0 COV |) ss. |
| CITY & COUNTY OF DENVER |) |

Sean Flanagan, Landman for Extraction Oil & Gas, Inc., upon oath deposes and says that he has read the foregoing Application and that the statements contained therein are true to the best of his knowledge, information and belief.

EXTRACTION OIL & GAS, INC.

Sean Flanagan

Subscribed and sworn to before me this 23nd day of May, 2017, by Sean Flanagan, Landman for Extraction Oil & Gas, Inc.

Witness my hand and official seal.

My commission expires: 14/2/

Notary Publi

Exhibit A Application Map

Township 7 North, Range 67 West, 6th P.M.

- Application Lands

31 30 9 7 WL9-N8 WZ9-NZ W89-N8 W89-NZ 36 12

EXHIBIT B

INTERESTED PARTIES

| Robert Willis, Esq. The Shanor Group 600 17 th Street, Suite 2800 Denver, CO 80202 | Extraction Oil & Gas, LLC Attn: Sean Flanagan 370 17 th Street, Suite 5300 Denver, CO 80202 | Troy Swain Weld County Dep't of Planning Services 1555 North 17 th Ave. Greeley, CO 80631 |
|--|--|---|
| Kent Kuster | Colo. Parks & Wildlife | Kerr-McGee Oil and Gas |
| CDPHE | Attn: Brandon Marette | Onshore LP |
| 4300 Cherry Creek Dr. South | 6060 Broadway | 1099 18th St., Suite 1800 |
| Denver, CO 80246-1530 | Denver, CO 80216 | Denver, CO 80202 |
| Connie J. Schneider and Patrick J. Micolichek 41678 WCR 13 Ft. Collins, CO 80524 | Bill H. and Louise Maria Cheng 6514 County Rd. 86 Ft. Collins, CO 80524 | Sheila M. and Jerry R. Roth 41285 County Rd. 15 Ft. Collins, CO 80524 |
| Kenneth J. and Sue K. Kerchenfaut 41490 WCR 13 Ft. Collins, CO 80524 | North Weld County Water District, A Political Subdivision of the State of Colorado P.O. Box 56 Lucerne, CO 80646 | Ted V. and Jamie M. Simmons 41494 County Rd. 13 Ft. Collins, CO 80524 |
| Lisa Brough 6176 Pheasant Crest Drive Ft. Collins, CO 80524 | Douglas and Denise Nagle 6158 Pheasant Crest Drive Ft. Collins, CO 80524 | Bolton Family Trust; Barry A. and Sheryll L. Bolton, Trustees 19943 Weld County Rd. 15 Johnstown, CO 80534 |
| Robert and Barbara Winick | Randy and Sandra Fiscus | Roger and Kay Dechairo |
| 6622 Weld County Rd 84 | 40701 Remington Rd | 601 Gait Cr. |
| Ft. Collins, CO 80524 | Ft. Collins, CO 80524 | Ft. Collins, CO 80524 |
| Dyecrest Dairy LLC | GBP, LLC | Extraction Oil & Gas LLC |
| 1137 North County Rd 1 | PO Box 1986 | 1888 Sherman St., Suite 200 |
| Ft. Collins, CO 80524 | Ft. Collins, CO 80522 | Denver, CO 80203 |
| Land Energy Inc. | DJ Resources, LLC | HRM Resources II, LLC 410 |
| 1615 California St | 1600 Broadway, Suite 1960 | 17th Street, Suite 1100 |
| Denver, CO 80202 | Denver, CO 80202 | Denver, CO 80202 |
| Poudre Valley Rural Electric | Stacy A. Temples and | Stephen A. Nisbet |
| Association, Inc. | Howard S. Ramsdell | P.O. Box 4110 |
| P.O. Box 272550 | P.O. Box 2490 | 1298 Main Street |
| Ft. Collins, CO 80527 | Ft. Collins, CO 80522 | Windsor, CO 80550 |

William D. Fell, Jr. 7880 County Road 84 Ft. Collins, CO 80524 Glenn Edwin Jr. and Carolee W. Parker 7880 County Road 84 Ft. Collins, CO 80524 The Evelyn M. Clarke Trust dated 4/20/1991, with Evenlyn M. Clarke as Trustee 1401 Lindenwood Dr. Ft. Collins, CO 80524

The Department of Highways, State of Colorado 4201 E. Arkansas Ave. Denver, CO 80222 The Water Supply and Storage Company P.O. Box 1584 Ft. Collins, CO 80521 Elizabeth Bullard 3202 Hearthfire Dr. Ft. Collins, CO 80524

Aleta Miller 40610 County Rd 15 Ft. Collins, CO 80524 Note Acquisitions Inc. 24211 Weld County Rd 44 LaSalle, CO 80645

Shawn A. and Tracie W. Wotowey 7496 Weld County Rd 84 Ft. Collins, CO 80524

Barbara J. Douglas Trust 7392 Weld County Rd 84 Ft. Collins, CO 80524

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| |) | |
| WELD COUNTY, COLORADO |) | |
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CERTIFICATE OF MAILING

I, Kara Konstanty, hereby certify that on or before the 30th day of May, 2017, I caused a copy of the Application in the above referenced caption to be deposited in the United States Mail, postage prepaid, addressed to the parties listed on Exhibit B of the Application.

DATED this 24th day of May, 2017.

Kara Konstanty

The Shanor Group LLC 600 17th Street, Suite 2800

Denver, CO 80202

BEFORE THE OIL AND GAS CONSERVATION COMMISSION OF THE STATE OF COLORADO

| IN THE MATTER OF THE APPLICATION OF |) | CAUSE NO. 407 |
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| NIOBRARA FORMATION, WATTENBERG FIELD, |) | |
| WELD COUNTY, COLORADO |) | |

SUPPLEMENTAL CERTIFICATE OF MAILING

I, Kara Konstanty, hereby certify that on the 6th day of June, 2017, I caused a copy of the Application in the above referenced Docket Number to be deposited in the United States Mail, postage prepaid, addressed to the following additional Interested Party:

Synergy Resources Corp. 1675 Broadway, Suite 2600 Denver, CO 80202

DATED this 6th day of June, 2017.

Kara Konstanty

The Shanor Group LLC 600 17th Street, Suite 2800

Denver, CO 80202