

DISTRICT I
1625 N. FRENCH DR., HOBBS, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

DISTRICT II
811 S. FIRST ST., ARTESIA, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-0720

DISTRICT III
1000 RIO BRAZOS RD., AZTEC, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

DISTRICT IV
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | |
|---------------|--|----------------------|
| API Number | Pool Code | Pool Name |
| Property Code | Property Name TIGERCAT FEDERAL COM | Well Number 2H |
| OGRID No. | Operator Name COG OPERATING, LLC | Elevation 3322.3' |

Surface Location

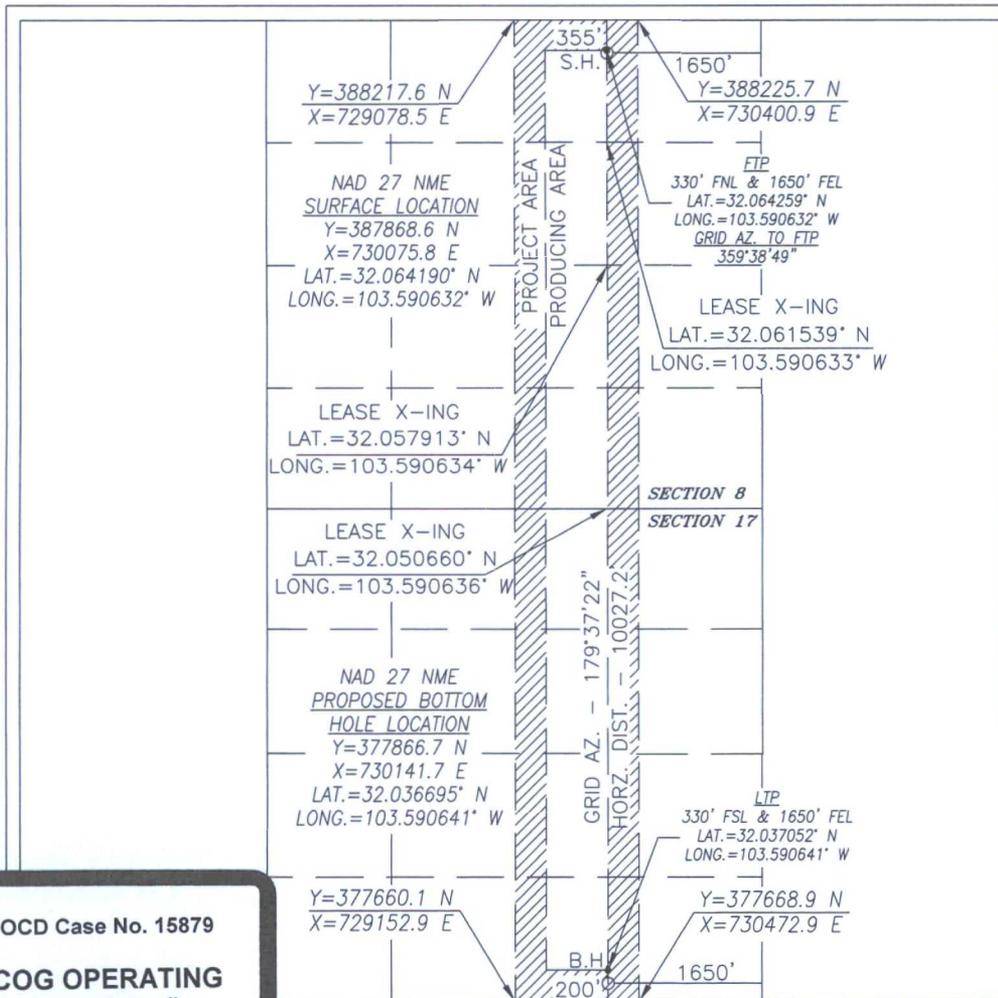
| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| B | 8 | 26-S | 33-E | | 355 | NORTH | 1650 | EAST | LEA |

Bottom Hole Location If Different From Surface

| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| O | 17 | 26-S | 33-E | | 200 | SOUTH | 1650 | EAST | LEA |

| Dedicated Acres | Joint or Infill | Consolidation Code | Order No. |
|-----------------|-----------------|--------------------|-----------|
| | | | |

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



OPERATOR CERTIFICATION

I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature _____ Date _____

Printed Name _____

E-mail Address _____

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

AUGUST 4, 2017

DATE OF SURVEY

Signature & Seal of Professional Surveyor

CHAD L. HARCROW
NEW MEXICO
17777
LICENSED PROFESSIONAL SURVEYOR

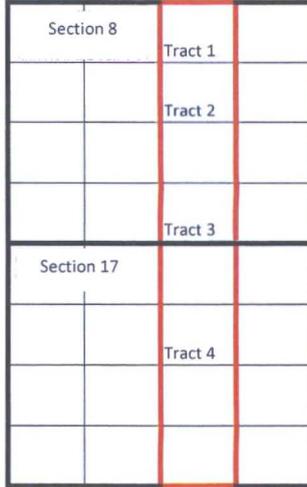
Chad Harcrow 9/13/17

Certificate No. CHAD HARCROW 17777
W.O. #17-1089 DRAWN BY: AI

OCD Case No. 15879
COG OPERATING
Exhibit #1

COG - Tigercat Federal Com 2H

W½E½ Section 8, Township 26 South, Range 33 East, N.M.P.M.
 W½E½ Section 17, Township 26 South, Range 33 East, N.M.P.M.
 Limited in depth to the Bone Spring Formation



| Tract 1: Section 8: NW¼NE¼ (40.0 acres) | |
|--|--------------------|
| COG Operating LLC | 58.471875% |
| Concho Oil & Gas LLC | 19.490625% |
| RSC Resources, L.P. | 10.106250% |
| Bradley S. Bates | 3.850000% |
| Sagerush Interest, LLC | 2.165625% |
| Meco IV, LLC | 2.165625% |
| Tap Rock Resources, LLC | 2.500000% |
| MidCon Land Services, LLC | 1.250000% |
| Total | 100.000000% |

| Unit Working Interest | |
|------------------------------|--------------------|
| COG Operating LLC | 37.683985% |
| Occidental Permian Ltd. | 37.500000% |
| Concho Oil & Gas LLC | 12.561328% |
| RSC Resources, L.P. | 6.513281% |
| Bradley S. Bates | 2.481250% |
| Sagebrush Interests, LLC | 1.395703% |
| Meco IV, LLC | 1.395703% |
| Tap Rock Resources, LLC | 0.312500% |
| MidCon Land Services, LLC | 0.156250% |
| Total | 100.000000% |

| Tract 2: Section 8: SW¼NE¼ (40.0 acres) | |
|--|--------------------|
| Occidental Permian Ltd. | 100.000000% |
| Total | 100.000000% |

| Tract 3: Section 8: W½SE¼ (80.0 acres) | |
|---|--------------------|
| Occidental Permian Ltd. | 100.000000% |
| Total | 100.000000% |

| Tract 4: Section 17: W½E½ (160.0 acres) | |
|--|--------------------|
| COG Operating LLC | 60.750000% |
| Concho Oil & Gas LLC | 20.250000% |
| RSC Resources, L.P. | 10.500000% |
| Bradley S. Bates | 4.000000% |
| Sagerush Interest, LLC | 2.250000% |
| Meco IV, LLC | 2.250000% |
| Total | 100.000000% |

| Record Title Owner Tract 1 | |
|-----------------------------------|--------------------|
| COG Operating LLC | 96.250000% |
| Tap Rock Resources, LLC | 2.500000% |
| MidCon Land Services, LLC | 1.250000% |
| Total | 100.000000% |

| Record Title Owner Tract 2 | |
|-----------------------------------|--------------------|
| Occidental Permian Ltd. | 100.000000% |
| Total | 100.000000% |

| Record Title Owner Tract 3 | |
|-----------------------------------|--------------------|
| Occidental Permian Ltd. | 100.000000% |
| Total | 100.000000% |

| Record Title Owner Tract 4 | |
|-----------------------------------|--------------------|
| COG Operating LLC | 100.000000% |
| Total | 100.000000% |

Uncommitted Working Interest Owners / Record Title Owners

OCD Case No. 15879
**COG OPERATING
 Exhibit #2**



Luke Bedrick, CPL
 Senior Landman
 COG Operating LLC
 One Concho Center
 600 West Illinois Avenue
 Midland, Texas 79701

Certified Mail
Return Receipt Requested

Main: 432-683-7443
 Direct: 432-686-3000
 LBedrick@concho.com

September 18, 2017

Working Interest Owners – Attached Listing

Re: **Well Proposal – Tigercat Federal Com 2H**
 Section 8: W½E½
 Section 17: W½E½
 Township 26 South, Range 33 East, N.M.P.M.
 SHL: 355' FNL & 1650' FEL, or a legal location in Unit B (Sec. 8)
 BHL: 200' FSL & 1650' FEL, or a legal location in Unit O (Sec. 17)
 Lea County, New Mexico

Gentlemen:

COG Operating LLC (“COG”), as Operator, hereby proposes to drill the Tigercat Federal Com 2H well as a horizontal well at the above-captioned location, or at a legal location as approved by the governing regulatory agency, to a TVD of approximately 10,299’ and a MD of approximately 19,600’ to test the Bone Spring Shale formation (“Operation”). The total cost of the Operation is estimated to be \$10,470,600.00, and a detailed description of the cost is set out in the enclosed Authority for Expenditure (“AFE”).

COG is proposing to drill this well under the terms of the AAPL Form 610-1989 Operating Agreement which is enclosed for your review and approval. The Operating Agreement covers the W½E½ of Section 8 and the W½E½ of Section 17, T26S-R33E, Lea County, New Mexico (“Contract Area”) and contains general provisions:

- 100% / 300% Non-consenting penalty
- \$7,000/\$700 Drilling and Producing rate
- COG Operating LLC named as Operator

Please indicate your participation election in the space provided on page 2, sign and return this letter, along with a signed copy of the enclosed AFE and a copy of your geologic well requirements. A self-addressed, postage paid envelope is enclosed for your convenience. If you do not wish to participate, COG proposes to acquire your interest via term assignment. It has the following general provisions:

- 3 year primary term
- Delivering a 80% NRI, proportionately reduced
- \$750 per net acre bonus consideration

The Term Assignment offer terminates October 30, 2017 and is subject to the approval of COG’s management and verification of title.

OCD Case No. 15879
COG OPERATING
Exhibit #3

If an agreement cannot be reached within 30 days of the date of this letter, COG will apply to the New Mexico Oil Conservation Division for compulsory pooling of your interest into a spacing unit for the proposed well if uncommitted at such time.

If you have any questions, please do not hesitate to contact the undersigned at (432) 686-3000.

Respectfully,
COG Operating LLC



Luke Bedrick
Senior Landman
Northern Delaware Basin – East

LB:lr

Encl.

_____ I/we hereby elect to participate in the Tigercat Federal Com 2H.

_____ I/we hereby elect **not to** participate in the Tigercat Federal Com 2H.

Company or
Individual Name: _____

By: _____

Name: _____

Title: _____

Date: _____

Working Interest Owners

Certified Mail 91 7199 9991 7038 2027 4490

Occidental Permian Ltd.
5 East Greenway Plaza
Houston, Texas 77046

Certified Mail 91 7199 9991 7038 2027 4452

RSC Resources, L.P.
6824 Island Circle
Midland, Texas 79707

Certified Mail 91 7199 9991 7038 2027 4339

Bradley S. Bates
101 Blackberry Court
Midland, Texas 79705

Certified Mail 91 7199 9991 7038 2027 4414

Sagebrush Interests, LLC
2450 Fondren, Suite 112
Houston, Texas 77063

Certified Mail 91 7199 9991 7038 2027 4292

Meco IV, LLC
1200 17th Street, Suite 975
Denver, Colorado 80202

Certified Mail 91 7199 9991 7038 2027 4377

Tap Rock Resources, LLC
602 Park Point Drive, Suite 200
Golden, Colorado 80401

Certified Mail 91 7199 9991 7038 2027 4254

MidCon Land Services LLC
4401 South Lewis Place
Tulsa, Oklahoma 74105

| | | |
|-----------------------|------------------------------------|------------------------------|
| Confirmation Services | Package ID: 9171999991703820274490 | Electronic Certified |
| | Destination ZIP Code: 77046 | Priority Envelope or package |
| | Customer Reference | |
| | Recipient: <u>Occidental</u> | PBP Account #: 41592288 |
| | Address: _____ | Serial #: 1396235 |
| | _____ | SEP 19 2017 2:41 PM |

| SENDER: COMPLETE THIS SECTION | COMPLETE THIS SECTION ON DELIVERY |
|--|--|
| <ul style="list-style-type: none"> ■ Complete items 1, 2, and 3. ■ Print your name and address on the reverse so that we can return the card to you. ■ Attach this card to the back of the mailpiece, or on the front if space permits. | <p>A. Signature <input type="checkbox"/> Agent <input checked="" type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) <u>E. Mendoza</u></p> <p>C. Date of Delivery <u>9-25-17</u></p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If YES, enter delivery address below:</p> |
| <p>1. Article Addressed to:</p> <p>CCIDENTAL PERMIAN LTD. 5 East Greenway Plaza Houston, TX 77046 Tigercat #2H Well Proposal</p> <p>9590 9402 3057 7124 4775 17</p> | <p>Service Type</p> <p><input type="checkbox"/> Adult Signature <input type="checkbox"/> Priority Mail Express®</p> <p><input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail™</p> <p><input type="checkbox"/> Certified Mail® <input type="checkbox"/> Registered Mail Restricted Delivery</p> <p><input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Return Receipt for Merchandise</p> <p><input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation™</p> <p><input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery</p> |
| <p>2. Article Number (Transfer from service label)</p> <p>91 7199 9991 7038 2027 4490</p> | <p>lected Delivery</p> |
| <p>PS Form 3811, July 2015 PSN 7530-02-000-9053</p> | <p>Domestic Return Receipt</p> |

| | | |
|-----------------------|---|------------------------------|
| Confirmation Services | Package ID: 9171999991703820274452 | Electronic Certified |
| | Destination ZIP Code: 79707 | Priority Envelope or package |
| | Customer Reference: <u>RSC Resources LP</u> | PBP Account #: 41592288 |
| | Recipient: <u>RSC Resources LP</u> | Serial #: 1396235 |
| | Address: _____ | SEP 19 2017 2 34 PM |

| SENDER: COMPLETE THIS SECTION | COMPLETE THIS SECTION ON DELIVERY |
|--|---|
| <ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. | <p>A. Signature <u>[Signature]</u> <input type="checkbox"/> Agent <input checked="" type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) <u>Randall [Signature]</u> C. Date of Delivery _____</p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, enter delivery address below: _____</p> |
| <p>1. Article Addressed to:</p> <p>RSC RESOURCES, L.P. 6824 Island Circle Midland, TX 79707 Tigercat #2H Well Proposal</p> | <p>Service Type</p> <input type="checkbox"/> Adult Signature <input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Certified Mail® <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery |
| <p>9590 9402 3057 7124 4775 79</p> <p>2. Article Number (Transfer from service label) <u>91 7199 9991 7038 2027 4452</u></p> | <p>PS Form 3811, July 2015 PSN 7530-02-000-9053</p> <p>Domestic Return Receipt</p> |

| | | |
|-----------------------|---|------------------------------|
| Confirmation Services | Package ID: 9171999991703820274339 | Electronic Certified |
| | Destination ZIP Code: 79705 | Priority Envelope or package |
| | Customer Reference: <u>Bradley S. Bates</u> | PBP Account #: 41592288 |
| | Recipient: <u>Bradley S. Bates</u> | Serial #: 1396235 |
| | Address: _____ | SEP 19 2017 2:35 PM |

| SENDER: COMPLETE THIS SECTION | COMPLETE THIS SECTION ON DELIVERY |
|--|--|
| <ul style="list-style-type: none"> ■ Complete items 1, 2, and 3. ■ Print your name and address on the reverse so that we can return the card to you. ■ Attach this card to the back of the mailpiece, or on the front if space permits. | <p>A. Signature <input checked="" type="checkbox"/> <u>Carol Bates</u> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) <u>Carol Bates</u></p> <p>C. Date of Delivery</p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes or delivery address below: <input type="checkbox"/> No</p> |
| <p>1. Article Addressed to:</p> <p>BRADLEY S. BATES 101 Blackberry Court Midland, TX 79705 Tigercat #2H Well Proposal</p> | |
| <p>9590 9402 3057 7124 4777 91</p> | <input type="checkbox"/> Adult Signature <input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Certified Mail® <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Signature Confirmation Restricted Delivery |
| <p>2. Article Number (Transfer from sender label) <u>91 7199 9991 7038 2027 4339</u></p> | <input type="checkbox"/> Restricted Delivery <input type="checkbox"/> Restricted Delivery (over \$500) |
| <p>PS Form 3811, July 2015 PSN 7530-02-000-9053</p> | <p>Domestic Return Receipt</p> |

| | | |
|--------------------------|--|------------------------------|
| Confirmation Services | Package ID: 9171999991703820274414 | Electronic Certified |
| | Destination ZIP Code: 77063 | Priority Envelope or package |
| | Customer Reference | PBP Account #: 41592288 |
| | Recipient: <u>Sagebush Interests LLC</u> | Serial #: 1396235 |
| | Address: _____ | SEP 19 2017 2:36 PM |

9171999991703820274414

9171999991703820274414



Delivered:

HOUSTON, TX 77063 on September 21, 2017 at 1:28 pm

Expected Delivery on:

Thursday, September 21, 2017 by 8:00pm

| | | |
|-----------------------|------------------------------------|------------------------------|
| Confirmation Services | Package ID: 9171999991703820274292 | Electronic Certified |
| | Destination ZIP Code: 80202 | Priority Envelope or package |
| | Customer Reference: | PBP Account #: 41592288 |
| | Recipient: <u>MECO IV LLC</u> | Serial #: 1396235 |
| | Address: _____ | SEP 19 2017 2:38 PM |

| SENDER: COMPLETE THIS SECTION | COMPLETE THIS SECTION ON DELIVERY | |
|--|---|--|
| <ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. | A. Signature <input checked="" type="checkbox"/> <u>Jason M. Sturms</u> | <input type="checkbox"/> Agent <input type="checkbox"/> Addressee |
| 1. Article Addressed to: _____ | B. Received by (Printed Name) <u>Jason M. Sturms</u> | C. Date of Delivery <u>9/21/17</u> |
| | D. Is delivery address different from item 1? <input type="checkbox"/> Yes delivery address below: <input type="checkbox"/> No | |

MECO IV, LLC
 1200 17th Street, Suite 975
 Denver, Colorado 80202
 Tiercat #2H Well Proposal

| | | |
|--|---|--|
| 9590 9402 3057 7124 4110 14 | <input type="checkbox"/> Adult Signature <input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Certified Mail® <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery | <input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Signature Confirmation Restricted Delivery |
| 2. Article Number (Transfer from carrier label) 91 7199 9991 7038 2027 4292 | Delivery | |
| PS Form 3811, July 2015 PSN 7530-02-000-9053 | | Domestic Return Receipt |

| | | |
|-----------------------|---|--|
| Confirmation Services | Package ID: 9171999991703820274377 | Electronic Certified |
| | Destination ZIP Code: 80401 | Priority Envelope or package |
| | Customer Reference: <u>Top Rock Resources</u> | PBP Account #: 41592288 |
| | Recipient Address: _____ | Serial #: 1396235 SEP 19 2017 2:39 PM |

| SENDER: COMPLETE THIS SECTION | COMPLETE THIS SECTION ON DELIVERY |
|--|---|
| <ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. | <p>A. Signature <u>[Signature]</u></p> <p>B. Received by (Printed Name) <u>[Signature]</u></p> <p>C. Date of Delivery <u>9-22-17</u></p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No enter delivery address below:</p> |

TAP ROCK RESOURCES, LLC
 602 Park Point Drive, Suite 200
 Golden, Colorado 80401
 Tigercat #2H Well Proposal

| | |
|---|---|
| 1. Article Addressed to: 2. Article Number (Transfer from service label) <u>91 7199 9991 7038 2027 4377</u> | Service type <input type="checkbox"/> Adult Signature <input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Certified Mail® <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Signature Confirmation Restricted Delivery |
|---|---|

| | | |
|-----------------------|--|------------------------------|
| Confirmation Services | Package ID: 9171999991703820274254 | Electronic Certified |
| | Destination ZIP Code: 74105 | Priority Envelope or package |
| | Customer Reference: <i>Midcon Land Serv.</i> | PBP Account #: 41592288 |
| | Recipient: _____ | Serial #: 1396235 |
| | Address: _____ | SEP 19 2017 2:40 PM |

| SENDER: COMPLETE THIS SECTION | COMPLETE THIS SECTION ON DELIVERY |
|--|---|
| <ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. | <p>A. Signature <input checked="" type="checkbox"/> Agent <input checked="" type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) <i>DANIEL SHUM</i></p> <p>C. Date of Delivery <i>9/28/17</i></p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Enter delivery address below: _____</p> |

MIDCON LAND SERVICES LLC
4401 South Lewis Place
Tulsa, Oklahoma 74105
Tigercat #2H Well Proposal

9590 9402 3057 7124 4783 41

2. Article Number (Transfer from service label)

91 7199 9991 7038 2027 4254

- Adult Signature
- Adult Signature Restricted Delivery
- Certified Mail®
- Certified Mail Restricted Delivery
- Collect on Delivery
- Collect on Delivery Restricted Delivery
- Priority Mail Express®
- Registered Mail™
- Registered Mail Restricted Delivery
- Return Receipt for Merchandise
- Signature Confirmation™
- Signature Confirmation Restricted Delivery



hinklelawfirm.com

HINKLE SHANOR LLP

ATTORNEYS AT LAW

PO BOX 2068

SANTA FE, NEW MEXICO 87504

505-982-4554 (FAX) 505-982-8623

WRITER:

Gary W. Larson,
Partner

glarson@hinklelawfirm.com

November 8, 2017

VIA CERTIFIED MAIL

Occidental Permian LP
5 East Greenway Plaza, #110
Houston, TX 77046

Re: COG Operating LLC NMOCD Application

Dear Sir or Madam:

Enclosed is a copy of an application for approval of a 320-acre, non-standard spacing and proration unit and compulsory pooling that COG Operating LLC ("COG") has filed with the New Mexico Oil Conservation Division ("the Division"). The proposed non-standard spacing and proration unit is comprised of the W/2 E/2 of Section 8 and the W/2 E/2 of Section 17, Township 26 South, Range 33 East, N.M.P.M., Lea County, New Mexico.

This matter (Case No. 15879) is scheduled for hearing at 8:15 a.m. on Thursday, November 30, 2017 in Porter Hall at the Division's offices located at 1220 South St. Francis Drive, Santa Fe, New Mexico 87505. Occidental Permian LP ("Occidental") is not required to attend this hearing, but as an owner of an interest that may be affected by COG's application, it may appear at the hearing and present testimony. If Occidental does not appear at that time and become a party of record, it will be precluded from contesting the matter at a later date.

A party appearing in a Division case is required by the Division's Rules to file a Pre-Hearing Statement, which in this matter must be filed no later than Wednesday, November 22, 2017. The Pre-Hearing Statement must be filed with the Division's Santa Fe office at the address above, and should include: the name of the party and the party's attorney; a concise statement of the case; the name(s) of the witness(es) the party will call to testify at the hearing; the approximate amount of time the party will need to present the party's case; and an identification of any procedural matters that need to be resolved prior to the hearing. The Pre-Hearing Statement must also be provided to me.

Thank you for your attention to this matter.

Very truly yours,

Gary W. Larson

GWL:sm
Enclosure

OCD Case No. 15879

**COG OPERATING
Exhibit #4**

PO BOX 10
ROSWELL, NEW MEXICO 88202
575-622-6510
(FAX) 575-623-9332

PO BOX 1720
ARTESIA, NEW MEXICO 88210
575-622-6510
(FAX) 575-746-6316

PO BOX 2068
SANTA FE, NEW MEXICO 87504
505-982-4554
(FAX) 505-982-8623

Tigercat Federal Com 2H
Offset Operators

| Owner | Address | City | State | Zip |
|--|----------------------------------|----------------|-------|-------|
| Occidental Permian LP | 5 East Greenway Plaza, #110 | Houston | TX | 77046 |
| AE & J Royalties LLC | 460 St. Michael's Dr., Bldg. 300 | Santa Fe | NM | 87505 |
| Amoco Corp. | P.O. Box 301092 | Houston | TX | 77001 |
| Bradley S. Bates | 101 Blackberry Court | Midland | TX | 79705 |
| Charlotte W. Schuman and Karlyn S. Dole, Co-Trustees of the Charlotte W. Schuman Living Trust dated 10-5-1988 | 2121 Yorktown, #305 | Tulsa | OK | 74114 |
| Cimarex Energy Co. | 1700 Lincoln Street Suite 1800 | Denver | CO | 80203 |
| Cowhouse Crude, L.P. | 101 Blackberry Ct. | Midland | TX | 79705 |
| Daniel P. Schuman and Vida K. Schuman, Co-Trustees of the Daniel P. and Vida K. Schuman Revocable Trust dated April 16, 2014 | 4401 South Lewis Place | Tulsa | OK | 74105 |
| Elanor Coulter and Jean Coulter Clark Revocable Trust | 406 North Church Street | Fayette | MO | 65248 |
| EnCana Oil & Gas (USA) Inc. | 370 17th Street, #1700 | Denver | CO | 80202 |
| EnCana Oil & Gas (USA) Inc. | 370 17th Street, #1700 | Denver | CO | 80202 |
| Endeavor Energy Resources, L.P. | 110 N. Marienfield, Suite 200 | Midland | TX | 79701 |
| EOG Resources Inc. | P.O. Box 2267 | Midland | TX | 79702 |
| Estate of Elizabeth R. Sharp | P.O. Box 51470 | Midland | TX | 79710 |
| GGM Exploration, Inc. | P.O. Box 123610 | Fort Worth | TX | 76121 |
| HAP Land LLC | 5810 Wilson Road, Suite 270 | Humble | TX | 77396 |
| Liessa Schuman Wright | 5777 Carell Ave | Agoura Hills | CA | 91301 |
| Magnum Hunter Production | 600 North Marienfeld | Midland | TX | 79701 |
| Magnum Hunter Production, Inc. | 202 S. Cheyenne Ave. Suite 1000 | Tulsa | OK | 74103 |
| Marc Schuman | 10627 Pictured Rocks Dr. | Peyton | CO | 80831 |
| Matthew Schuman | 789 Horatio Blvd | Buffalo Grove | IL | 60089 |
| Meco IV, LLC | 1200 17th Street, Suite 975 | Denver | CO | 80202 |
| Mickey Resources LLC | 500 N. Shoreline Blvd, Suite 322 | Corpus Christi | TX | 78401 |
| MidCon Land Services, LLC | P.O. Box 31773 | Edmond | OK | 73003 |
| Muleshoe Crude L P | 101 Blackberry Court | Midland | TX | 79705 |

Tigercat Federal Com 2H
Offset Operators

| Owner | Address | City | State | Zip |
|------------------------------|----------------------------------|----------------|--------------|------------|
| Muleshoe Crude, L.P. | 101 Blackberry Ct. | Midland | TX | 79705 |
| Newkumet Exploration, Inc. | P.O. Box 11330 | Midland | TX | 79702 |
| Petras Energy, L.P. | P.O. Box 4127 | Midland | TX | 79704 |
| R&R Royalty Ltd. | 500 N. Shoreline Blvd, Suite 322 | Corpus Christi | TX | 78401 |
| RSC Resources, LP | 6824 Island Circle | Midland | TX | 79707 |
| Sagebrush Interests, LLC | 2450 Fondren, Suite 112 | Houston | TX | 77063 |
| Tap Rock Resources, LLC | 602 Park Point Drive, Suite 200 | Golden | CO | 80401 |
| Tilden Capital Minerals, LLC | P.O. Box 470857 | Fort Worth | TX | 76147 |
| WBA Resources, Ltd. | 110 W. Louisiana, Suite 300 | Midland | TX | 79701 |



HINKLE SHANOR LLP
ATTORNEYS AT LAW
PO BOX 2068
SANTA FE, NEW MEXICO 87504
505-982-4554 (FAX) 505-982-8623

WRITER:
Gary W. Larson,
Partner
glarson@hinklelawfirm.com

November 8, 2017

VIA CERTIFIED MAIL

AE & J Royalties LLC
460 St. Michael's Dr., Bldg. 300
Santa Fe, NM 87505

Re: COG Operating LLC NMOCD Application

Dear Sir or Madam:

Enclosed is a copy of an application for approval of a 320-acre, non-standard spacing and proration unit and compulsory pooling that COG Operating LLC ("COG") has filed with the New Mexico Oil Conservation Division ("the Division").

The proposed non-standard spacing and proration unit is comprised of the W/2 E/2 of Section 8 and the W/2 E/2 of Section 17, Township 26 South, Range 33 East, NMPM, Lea County, New Mexico. The location of the proposed project area is orthodox. AE & J Royalties LLC's ("AE & J") interests are not being pooled, but as the owner of an interest in an offsetting tract, it is entitled to receive notice of COG's application.

This matter (Case No. 15879) is scheduled for hearing at 8:15 a.m. on Thursday, November 30, 2017 in Porter Hall at the Division's offices located at 1220 South St. Francis Drive, Santa Fe, New Mexico 87505. AE & J is not required to attend this hearing, but as an owner of an interest in an offset tract, it has the right to appear at the hearing and present testimony. If AE & J does not appear at the hearing it will be precluded from contesting the matter at a later date.

A party appearing in the case is required by the Division's Rules to file a Pre-Hearing Statement, which in this matter must be filed no later than Wednesday, November 22, 2017. The Pre-Hearing Statement must be filed with the Division's Santa Fe office at the address above, and should include: the name of the party and the party's attorney; a concise statement of the case; the name(s) of the witness(es) the party will call to testify at the hearing; the approximate amount of time the party will need to present the party's case; and an identification of any procedural matters that need to be resolved prior to the hearing. The Pre-Hearing Statement must also be provided to me.

Thank you for your attention to this matter.

Very truly yours,

Gary W. Larson

OCD Case No. 15879
**COG OPERATING
Exhibit #6**

GWL:sm
Enclosure
PO BOX 1720
ROSWELL, NEW MEXICO 88202
575-622-6510
(FAX) 575-623-9332

PO BOX 1720
ARTESIA, NEW MEXICO 88211
575-622-6510
(FAX) 575-746-6316

PO BOX 2068
SANTA FE, NEW MEXICO 87504
505-982-4554
(FAX) 505-982-8623

7601 JEFFERSON ST NE · SUITE 180
ALBUQUERQUE, NEW MEXICO 87109
505-858-8320
(FAX) 505-858-8321

Affidavit of Publication

STATE OF NEW MEXICO
COUNTY OF LEA

I, Gussie Black, Business Manager of the Hobbs News-Sun, a newspaper published at Hobbs, New Mexico, solemnly swear that the clipping attached hereto was published in the regular and entire issue of said newspaper, and not a supplement thereof for a period of 1 issue(s).

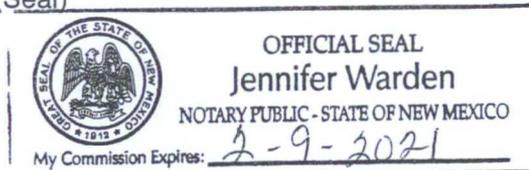
Beginning with the issue dated
November 09, 2017
and ending with the issue dated
November 09, 2017.

Gussie Black
Business Manager

Sworn and subscribed to before me this
9th day of November 2017.

Jennifer Warden
Administrative Coordinator

My commission expires
February 09, 2021
(Seal)



This newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Laws of 1937 and payment of fees for said

LEGAL NOTICE November 9, 2017

This is to notify all interested parties, including Occidental Permian LP, AE & J Royalties LLC, Amoco Corp., Bradley S. Bates, Charlotte W. Schuman and Karlyn S. Dole, Co-Trustees of the Charlotte W. Schuman Living Trust dated 10-5-1988, Cimarex Energy Co., Cowhouse Crude, L.P., Daniel P. Schuman and Vida K. Schuman, Co-Trustees of the Daniel P. and Vida K. Schuman Revocable Trust dated April 16, 2014, Elanor Coulter and Jean Coulter Clark Revocable Trust, EnCana Oil & Gas (USA) Inc., Endeavor Energy Resources, L.P., EOG Resources Inc., Estate of Elizabeth R. Sharp, GGM Exploration, Inc., HAP Land LLC, Liessa Schuman Wright, Magnum Hunter Production, Magnum Hunter Production, Inc., Marc Schuman, Matthew Schuman, Meco IV, LLC, Mickey Resources LLC, MidCon Land Services, LLC, Muleshoe Crude, L.P., Newkumet Exploration, Inc., Petras Energy, L.P., R&R Royalty Ltd., RSC-Resources, LP, Sagebrush Interests, LLC, Tap Rock Resources, LLC, Tilden Capital Minerals, LLC, WBA Resources, Ltd. and their successors and assigns, that the New Mexico Oil Conservation Division will conduct a hearing on an application submitted by COG Operating LLC (Case No. 15879) at 8:15 a.m. on November 30, 2017 in Porter Hall at 1220 South St. Francis Drive, Santa Fe, New Mexico. COG Operating LLC seeks an order (i) creating a 320-acre, non-standard oil spacing and proration unit (project area) comprised of the W/2 E/2 of Section 8 and the W/2 E/2 of Section 17, Township 26 South, Range 33 East, NMPM, in Lea County, and (ii) pooling all uncommitted mineral interests in the Bone Spring formation underlying this acreage. The project area is to be dedicated to the Tigercat Federal Com #2H horizontal well, which will have a surface location in Unit B of Section 8 and a bottom hole location in Unit O of Section 17, Township 26 South, Range 33 East. The completed interval for the well will be within the 330-foot standard offset required by the Division's rules. Also to be considered will be the cost of drilling and completing the well and the allocation of the cost, the designation of COG Operating LLC as the operator of the well, and a 200% charge for the risk involved in drilling and completing the well. The proposed project area is located approximately twenty-two (22) miles west of Jal, New Mexico.
#32228

02107475

00202431

HINKLE, HENSLEY, SHANOR & MARTIN, LLP
PO BOX 2068
SANTA FE, NM 87504

OCD Case No. 15879
COG OPERATING
Exhibit #7

**COG OPERATING LLC
AUTHORITY FOR EXPENDITURE
DRILLING**

| | |
|-------------------------------------|---------------------------------|
| WELL NAME: TIGERCAT FEDERAL COM #2H | PROSPECT NAME: Bulldog 2633 |
| SHL: 355 FNL & 1650 FEL (Sec. 8) | STATE & COUNTY: New Mexico, Lea |
| BHL: 200 FSL & 1650 FEL (Sec. 17) | OBJECTIVE: Drill and Complete |
| FORMATION: 1st Bone Spring Shale | DEPTH: 19,600 |
| LEGAL: Sec. 8 & 17, T26S- R33E | TVD: 10,299 |

| | Drig - Rig Release(D) | Completion(C) | Tank Btty Constrctn(TB) | Pmpg Equipment(PEQ) | TOTAL |
|---------------------------------------|--------------------------|------------------|----------------------------|------------------------|-------------------|
| INTANGIBLE COSTS | | | | | |
| Title/Curative/Permit | 201 11,000 | 302 | | | 11,000 |
| Insurance | 202 4,000 | 302 | | | 4,000 |
| Damages/Right of Way | 203 5,000 | 303 | 351 | | 5,000 |
| Survey/Stake Location | 204 8,000 | | 352 | | 8,000 |
| Location/Pits/Road Expense | 205 120,000 | 305 10,000 | 353 43,000 | 366 | 173,000 |
| Drilling / Completion Overhead | 206 10,200 | 306 | | | 10,200 |
| Turkey Contract | 207 0 | | | | 0 |
| Footage Contract | 208 0 | | | | 0 |
| Daywork Contract | 209 646,000 | | | | 646,000 |
| Directional Drilling Services | 210 206,000 | | | | 206,000 |
| Frac Equipment | | 307 1,393,000 | | | 1,393,000 |
| Frac Chemicals | | 308 505,000 | | | 505,000 |
| Frac Proppant | | 309 1,114,000 | | | 1,114,000 |
| Frac Proppant Transportation | | 310 141,000 | | | 141,000 |
| Fuel & Power | 211 123,000 | 311 5,000 | 354 | 367 | 128,000 |
| Water | 212 105,000 | 312 780,000 | | 368 | 885,000 |
| Bits | 213 92,000 | 313 12,000 | | 369 | 104,000 |
| Mud & Chemicals | 214 85,000 | 314 20,000 | | 370 | 105,000 |
| Drill Stem Test | 215 0 | 315 | | | 0 |
| Coring & Analysis | 216 0 | | | | 0 |
| Cement Surface | 217 37,000 | | | | 37,000 |
| Cement Intermediate | 218 60,000 | | | | 60,000 |
| Cement 2nd Intermediate/Production | 219 130,000 | | | | 130,000 |
| Cement Squeeze & Other (Kickoff Plug) | 220 0 | | | 371 | 0 |
| Float Equipment & Centralizers | 221 50,000 | | | | 50,000 |
| Casing Crews & Equipment | 222 47,000 | | | | 47,000 |
| Fishing Tools & Service | 223 0 | 323 | | 372 | 0 |
| Geologic/Engineering | 224 0 | 324 | 355 | 373 | 0 |
| Contract Labor | 225 6,500 | 325 8,200 | 356 | 374 6,500 | 81,800 |
| Company Supervision | 226 81,200 | 326 30,000 | 357 | 375 | 91,200 |
| Contract Supervision | 227 100,000 | 327 129,000 | 358 | 376 5,000 | 234,000 |
| Testing Casing/Tubing | 228 20,000 | 328 10,000 | | 377 | 30,000 |
| Mud Logging Unit | 229 39,000 | 329 | | | 39,000 |
| Logging | 230 0 | | | 378 | 0 |
| Perforating/Wireline Services | 231 4,000 | 331 457,000 | | 379 | 461,000 |
| Stimulation/Treating | | 332 310,000 | | 380 | 310,000 |
| Completion Unit | | 333 138,000 | | 381 8,800 | 146,800 |
| Swabbing Unit | | 334 | | 382 | 0 |
| Rentals-Surface | 235 140,000 | 335 275,000 | 359 | 383 7,000 | 422,000 |
| Rentals-Subsurface | 236 135,000 | 336 22,500 | | 384 | 157,500 |
| Trucking/Forklift/Rig Mobilization | 237 190,000 | 337 40,000 | 360 | 385 3,000 | 193,000 |
| Welding Services | 238 4,000 | 338 5,000 | 361 | 386 | 9,000 |
| Water Disposal | 239 0 | 339 60,000 | 362 | 387 135,000 | 195,000 |
| Plug to Abandon | 240 0 | 340 | | | 0 |
| Seismic Analysis | 241 0 | 341 | | | 0 |
| Miscellaneous | 242 0 | 342 | | 389 | 0 |
| Contingency | 243 48,100 | 343 250,000 | 363 | 390 | 298,100 |
| Closed Loop & Environmental | 244 250,000 | 344 5,000 | 364 | 388 | 255,000 |
| Dyed Diesel | 245 345 | 345 397,000 | | | 397,000 |
| Coil Tubing | | 346 55,000 | | | 55,000 |
| Flowback Crews & Equip | | 347 98,000 | | | 98,000 |
| Offset Directional/Frac | 248 | 348 | | 391 | 0 |
| TOTAL INTANGIBLES | 2,695,000 | 6,269,700 | 218,400 | 30,300 | 9,213,400 |
| TANGIBLE COSTS | | | | | |
| Surface Casing | 401 54,000 | | | | 54,000 |
| Intermediate Casing | 402 141,000 | | | | 141,000 |
| Production Casing/Liner | 403 314,000 | | | | 314,000 |
| Tubing | | 504 47,300 | | 530 5,000 | 52,300 |
| Wellhead Equipment | 405 35,000 | 505 22,000 | | 531 3,000 | 60,000 |
| Pumping Unit | | | | 506 96,000 | 96,000 |
| Prime Mover | | | | 507 0 | 0 |
| Rods | | | | 508 55,000 | 55,000 |
| Pumps-Sub Surface (BH) | | 509 | | 532 5,000 | 5,000 |
| Tanks | | | 510 27,600 | | 27,600 |
| Flowlines | | | 511 63,200 | | 63,200 |
| Heater Treater/Separator | | | 512 105,000 | | 105,000 |
| Electrical System | | | 513 51,500 | 533 15,000 | 66,500 |
| Packers/Anchors/Hangers | 414 514 | 6,000 | | 534 2,000 | 8,000 |
| Couplings/Fittings/Valves | 415 | | 515 92,000 | | 92,000 |
| Dehydration | | | 517 | | 0 |
| Injection Plant/CO2 Equipment | | | 518 | | 0 |
| Pumps-Surface | | | 521 9,200 | | 9,200 |
| Instrumentation/SCADA/POC | | | 522 | 529 7,000 | 7,000 |
| Miscellaneous | 419 519 | | 523 | 535 3,000 | 3,000 |
| Contingency | 420 520 | | 524 | 536 | 0 |
| Meters/LACT | | | 525 30,000 | | 30,000 |
| Flares/Combustors/Emission | | | 526 18,400 | | 18,400 |
| Gas Lift/Compression | | 527 15,000 | 516 35,000 | 528 | 50,000 |
| TOTAL TANGIBLES | 544,000 | 90,300 | 431,900 | 191,000 | 1,257,200 |
| TOTAL WELL COSTS | 3,239,000 | 6,360,000 | 650,300 | 221,300 | 10,470,600 |

COG Operating LLC % of Total Well Cost 31% 61% 6% 2%

Date Prepared: _____

COG Operating LLC

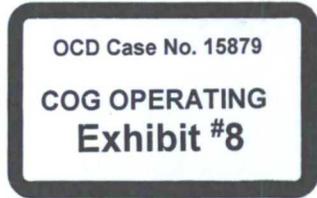
By: _____

We approve: _____
% Working Interest

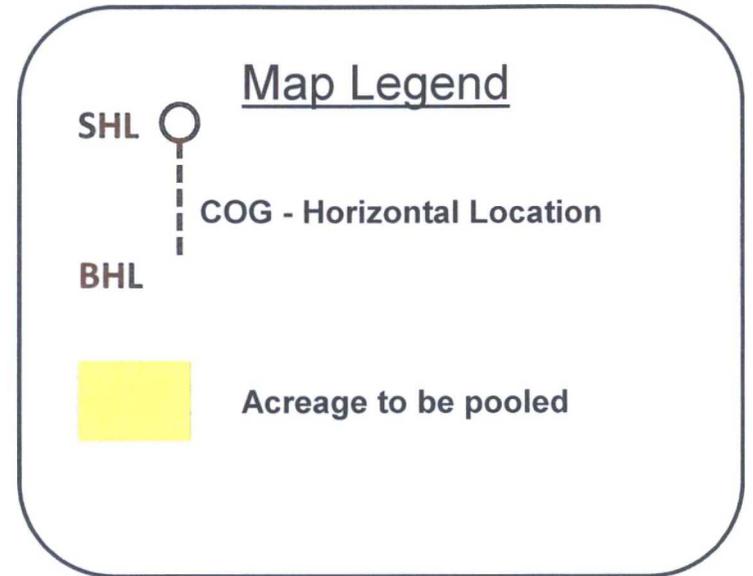
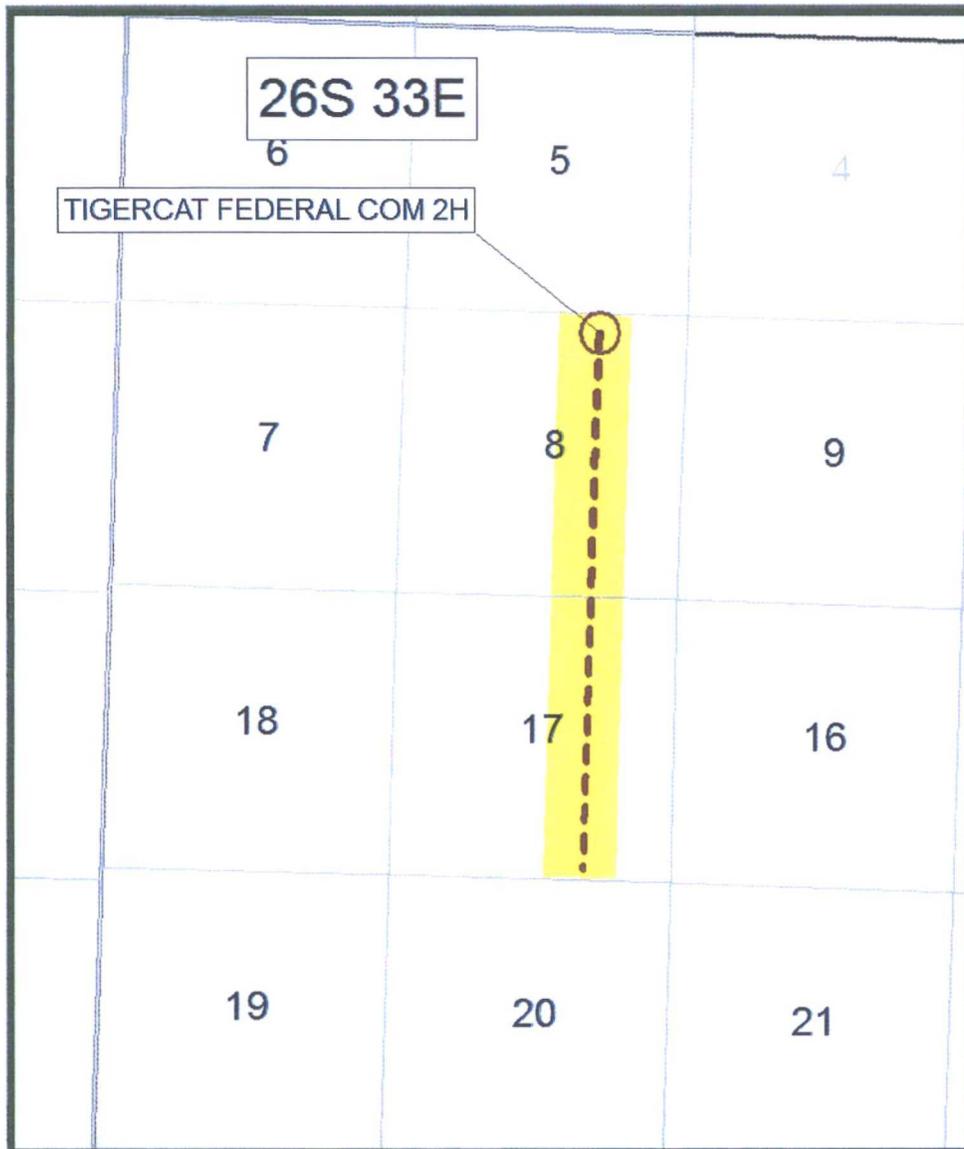
Company: Occidental Permian Ltd.
By: _____

Printed Name: _____
Title: _____
Date: _____

This AFE is only an estimate. By signing you agree to pay your share of the actual costs incurred.

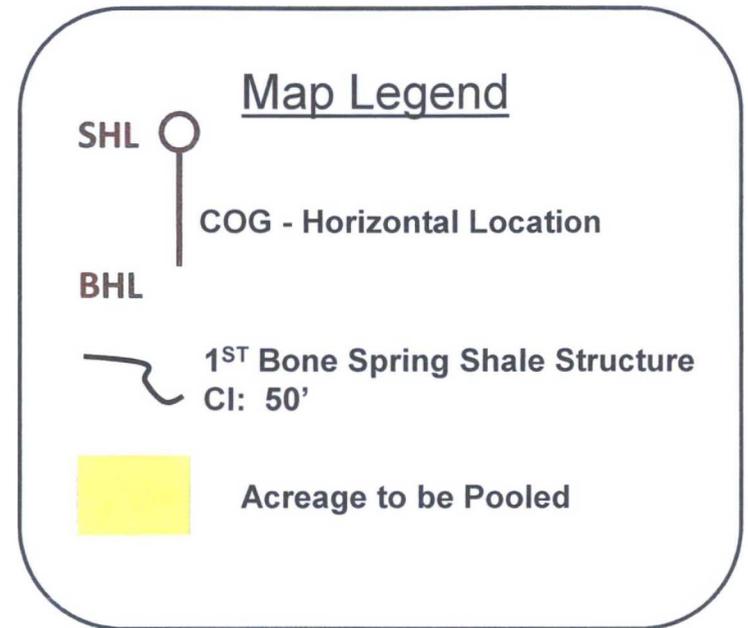
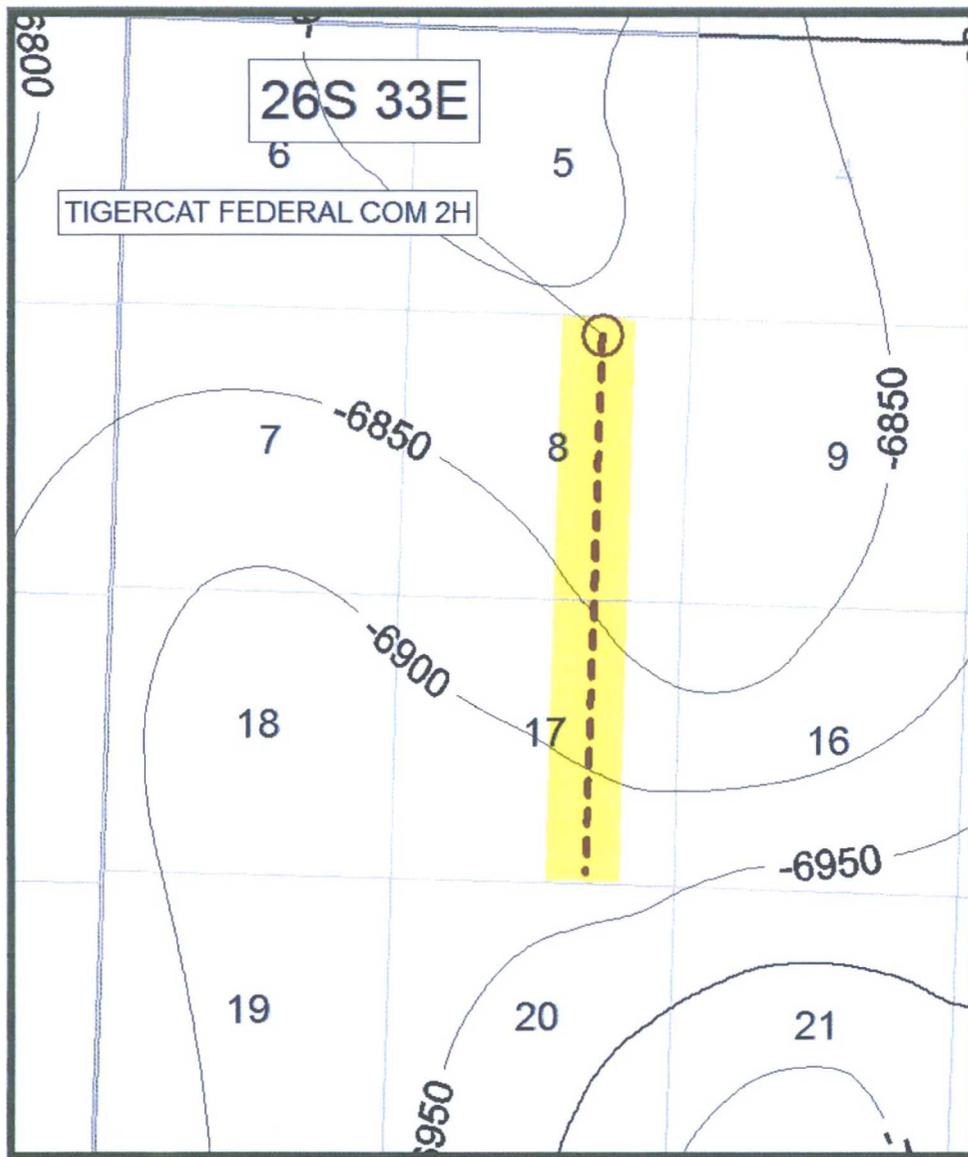


Bone Spring Pool Tigercat Federal Com 2H Location



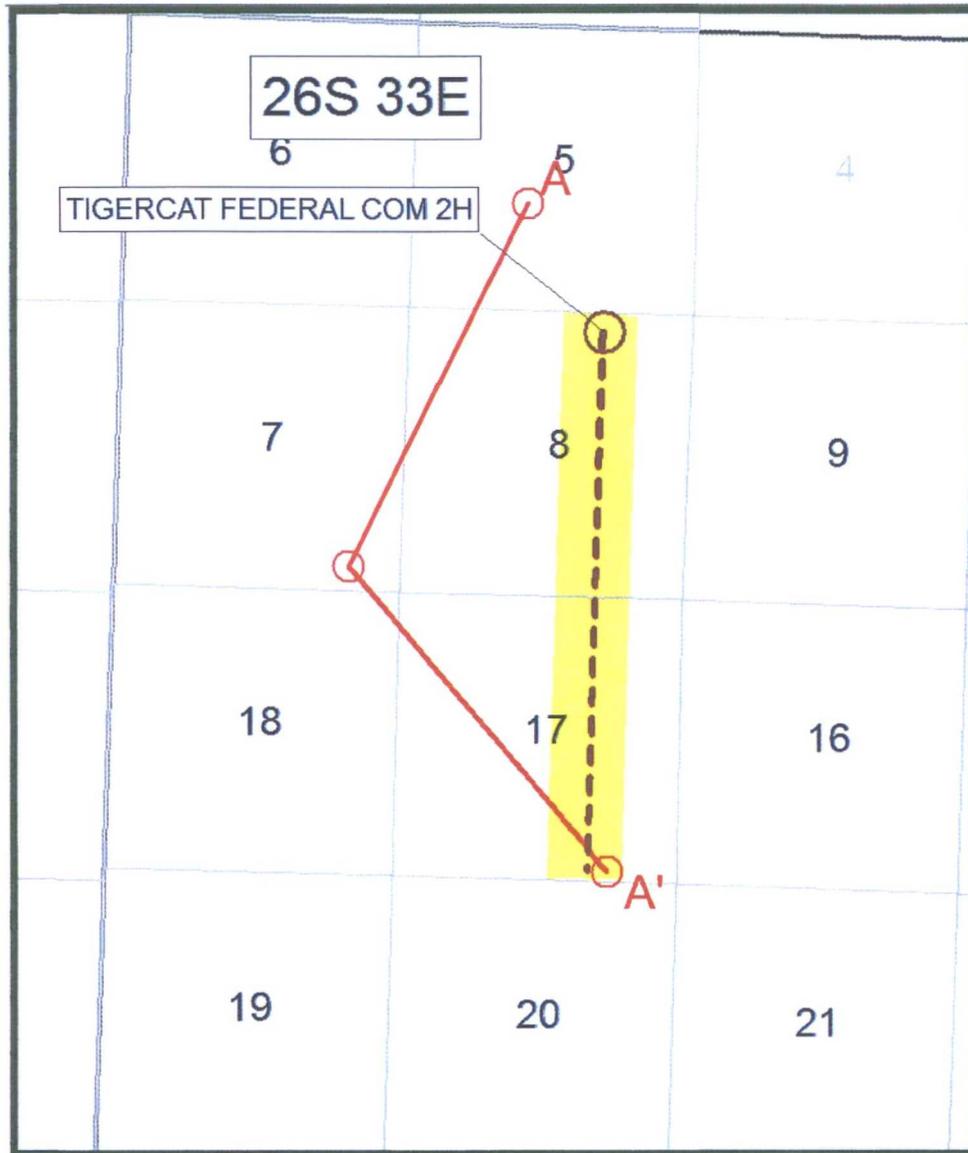
OCD Case No. 15879
COG OPERATING
Exhibit #9

Bone Spring Pool 1ST Bone Spring Shale Structure Map



OCD Case No. 15879
COG OPERATING
Exhibit #10

Bone Spring Pool Cross Section Map

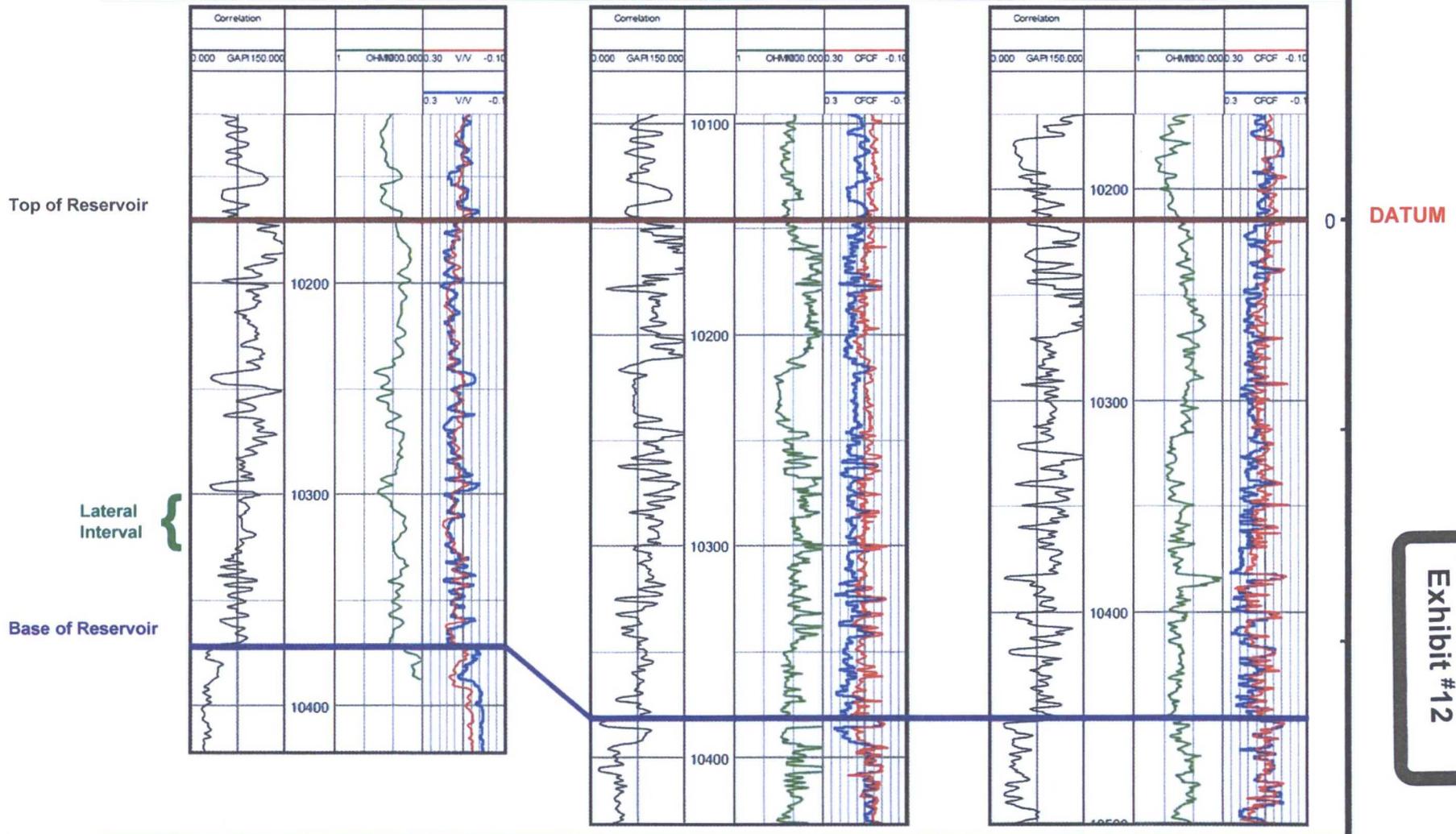


Map Legend

- SHL COG - Horizontal Location
- BHL COG - Horizontal Location
- Cross Section Line
- Acreage to be Pooled

OCD Case No. 15879
COG OPERATING
Exhibit #11

Stratigraphic Cross Section A – A'



OCD Case No. 15879
 COG OPERATING
 Exhibit #12