

January 11, 2021

Attn: Dean McClure NM Oil Conservation Division 1220 South Saint Francis Drive Santa Fe, New Mexico 87505

Re: Application for Administrative Approval of Pool Commingle and Off Lease Measurement

Dear Mr. McClure,

COG Operating LLC respectfully requests approval for pool commingling and Off Lease Measurement for the following wells:

Pitchblend 19 30 Federal 37H API# 30-025-45652 Dogie Draw; Delaware Ut. B, Sec. 19-T25S-R35E Lea County, NM

Pitchblend 19 30 Federal 208H API# 30-025-45656 Dogie Draw; Delaware Ut. A, Sec. 19-T25S-R35E Lea County, NM

Pitchblend 19 30 Federal 457H API# 30-025-45662 Dogie Draw; Delaware Ut. B, Sec. 19-T25S-R35E Lea County, NM Pitchblend 19 30 Federal 38H API# 30-025-45653 Fairview Mills; Bone Spring Ut. A, Sec. 19-T25S-R35E Lea County, NM

Pitchblend 19 30 Federal 358H API# 30-025-45658 Fairview Mills; Bone Spring Ut. A, Sec. 19-T25S-R35E Lea County, NM

Pitchblend 19 30 Federal 607H API# 30-025-45667 Fairview Mills; Bone Spring Ut. B, Sec. 19-T25S-R35E Lea County, NM

Oil Production:

The oil production from all wells will be measured separately on-lease by allocation meter prior to being commingled at the heater treaters at the Central Tank Battery located in lease in Ut. A, Sec 19-T25S-R35E. In addition to the onlease measurement, the oil production from these wells may also be transported by truck to either the Red Hills Offload Station, located in Unit O, Section 4-T26S-R32E, or the Jal Offload Station, located in Unit D, Section 4-T26S-R37E, Lea County in the event the CTB on lease is over capacity or in the case of battery or pipeline repairs. In this case the oil will remain segregated and will be measured by lact meter when offloading at said stations.

ARTESIA WEST OFFICE

One Concho Center | 600 West Illinois Avenue | Midland. Texas 79701 P 432.683 7443 | F 432.683.7441 2208 Main Street | Artesia, New Mexico 88210 P 575.748.6940 | F 575.746.2096



Gas Production:

The gas production from all wells will be measured separately on-lease by allocation meter prior to being commingled and entering a gas flow line to the gas custody transfer meter at the Central Tank Battery located in Ut. A, Sec. 19-T25S-R35E. The ETC gas sales meter # 99013.

All owners are identical. As defined in NMAC 19.15.12.7.B, identical ownership means leases or pools have the same working, royalty and overriding royalty owners in the same percentages. Please see letter from OCD landman.

Please see the enclosed Administrative Application Checklist, C-107B Application for pool commingling, plats for referenced wells, site facility diagram, maps with lease boundaries showing wells and facility locations.

Thank you for your attention to this matter.

Sincerely,

auth Damon

Jeanette Barron Regulatory Technician II

CORPORATE ADDRESS

ARTESIA WEST OFFICE

2208 Main Street | Artesia. New Mexico 88210 P 575.748 6940 | F 575.746.2096 Released to Imaging: 1/22/2021 11:05:18 AM

 One Concho Center | 600 West Illinois Avenue | Midland, Texas 79701
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 P 432.683.7443 | F 432.683.7441
 P 575

| | | | | Revised March 25, 201 |
|---|--|--|------------------------------|---|
| RECEIVED: | REVIEWER: | TYPE: | APP NO: | |
| | | ABOVE THIS TABLE FOR OCD DIVISION | I USE ONLY | |
| | - Geologia | O OIL CONSERVATI al & Engineering Be ancis Drive, Santa F | ureau - | |
| · · · · · | ADMINISTR | ATIVE APPLICATION | CHECKLIST | |
| THIS CH | ECKLIST IS MANDATORY FOR ALI | ADMINISTRATIVE APPLICATION QUIRE PROCESSING AT THE DIVI | NS FOR EXCEPTIONS TO DIVISIO | ON RULES AND |
| plicant: COG Opera | | ····· | OGRID Nu | mber: <u>229137</u> |
| | d 19 30 Federal 37H and five othe | | API: 30-025-450 | 552 |
| OI: Dogie Draw; Delawa | re, Fairview Hills; Bone Spring & | Dogie Draw; Wolfcamp | Pool Code | 97779/96340/17980 |
| A. Location - | ATION: Check those v Spacing Unit – Simulto SL INSP(PRC | aneous Dedication | | |
| [] Comm □[[] Injecti | e only for [1] or [1] ingling – Storage – Me DHC CTB PL on – Disposal – Pressur WFX PMX SW | easurement C III PC DOLS re Increase – Enhanc | | |
| A. Offset o B. Royalty C. Applico D. Notifico E. Notifico F. Surface | of the above, proof of | ters vners, revenue owner d notice nt approval by SLO nt approval by BLM | | FOR OCD ONLY Notice Complete Application Content Complete nd/or, |
| administrative o understand that | I hereby certify that the pproval is accurate a t no action will be take submitted to the Divi | ind complete to the l en on this applicatior | best of my knowledg | ge. I also |
| Note | : Statement must be complete | ed by an individual with mar | agerial and/or supervisory | capacity. |
| anette Barron | | | 1/11/21 | |

Print or Type Name

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<u>Juantte Banjon</u> signature

575-746-6974 Phone Number

jbarron@concho.com e-mail Address District I 1625 N. French Drive, Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St Francis Dr, Santa Fe, NM 87505

State of New Mexico Energy, Minerals and Natural Resources Department Form C-107-B Revised August 1, 2011

OIL CONSERVATION DIVISION 1220 S. St Francis Drive Santa Fe, New Mexico 87505

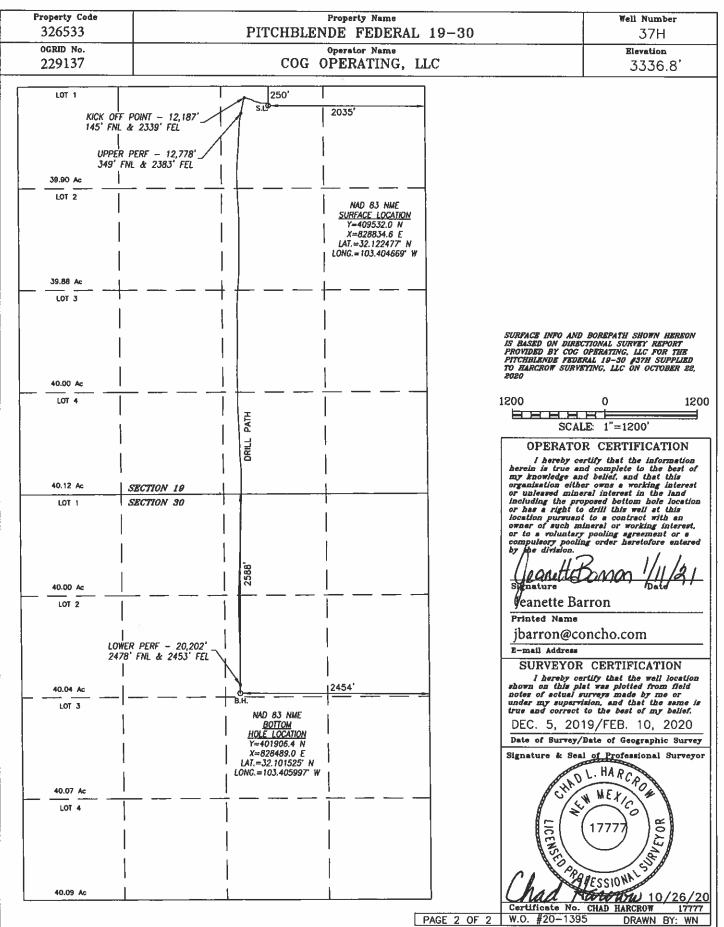
Submit the original application to the Santa Fe office with one copy to the appropriate District Office.

APPLICATION FOR SURFACE COMMINGLING (DIVERSE OWNERSHIP)

| OPERATOR NAME: COG Ope | erating LLC | | - | | |
|--|--|---|-------------------------------|---|---------------|
| OPERATOR ADDRESS: 2208 W M | Main Street, Artesia, N | ew Mexico 88210 | | | |
| APPLICATION TYPE: | | | | | |
| Pool Commingling Lease Comminglin | g Pool and Lease Cor | nmingling Off-Lease | Storage and Measur | ement (Only if not Surface | e Commingled) |
| | State 🛛 Fede | | | | |
| Is this an Amendment to existing Order | ? □Yes ⊠No If | "Yes", please include t | he appropriate O | order No | |
| Have the Bureau of Land Management ⊠Yes □No | (BLM) and State Land | office (SLO) been not | ified in writing o | of the proposed commi | ingling |
| | | L COMMINGLIN s with the following in | | | |
| (1) Pool Names and Codes | Gravities / BTU of Non-Commingled Production | Calculated Gravities / BTU of Commingled Production | | Calculated Value of Commingled Production | Volumes |
| 97779 Doggie Draw, Delaware | 43.37/1368 | 42.7/1376 | | | |
| 96340 Fairview Mills; Bone Spring | 42.03/1382 | | | | |
| | | | | | |
| | | | | | |
| (2) Are any wells producing at top allowal | | | | | |
| (3) Has all interest owners been notified b | y certified mail of the pro Other (Specify) | + | ⊠Yes □No. be why commingli | ng should be approved | |
| | | SE COMMINGLIN s with the following ir | | | |
| Pool Name and Code. Is all production from source of a | | _ | | | |
| (2) Is all production from same source of s(3) Has all interest owners been notified by | | | ∐Yes □N | 0 | |
| (4) Measurement type: Metering | | | | - | |
| | | | | | |
| 18 | | LEASE COMMIN s with the following in | | | |
| (1) Complete Sections A and E. | i icase attach sheet | s with the following in | | | |
| | | | | | |
| (E |) OFF-LEASE ST | ORAGE and MEA ts with the following i | | | |
| (1) Is all production from same source of s | | | | | |
| (2) Include proof of notice to all interest o | | | | | |
| | | | | | |
| (E) AI | DITIONAL INFO Please attach sheet | RMATION (for all s with the following in | | vpes) | |
| (1) A schematic diagram of facility, include | ling legal location. | | | | |
| (2) A plat with lease boundaries showing a | | ons. Include lease numbe | rs if Federal or Sta | te lands are involved. | |
| (3) Lease Names, Lease and Well Number | rs, and API Numbers. | | | | |
| I hereby certify that the information above is | true and complete to the | best of my knowledge an | d belief. | 1 | |
| SIGNATURE: | TI | TLE: <u>Regulatory Technic</u> | ian 11 | | 21 |

E-MAIL ADDRESS: _jbarron@concho.com

| DISTRICT I 1625 N. TRENCH DR., 1 Phone: (676) 388-464 P DISTRICT II Phone:: (678) 748-1825 DISTRICT III 1000 R10 BRAZOS RI Phone: (606) 334-617 DISTRICT IV 1220 S. BT. TRANCIS DI Phone: (505) 476-346 | RTESIA, NM Pax: (575) 74 D., AZTEC, N 5 Fax: (505) | 88210 8-0720 N 57410 334-6170 | С | DIL C | 'ON 1220 | s & Nati SERV SOUTH | ural 1 ATIC ST. F | w Mexico Resources De DN DIVIS RANCIS DR. xico 87505 | epartment SION | Revised A Submit one copy t Distri XI AMEND | ct Office ED REPORT | | | |
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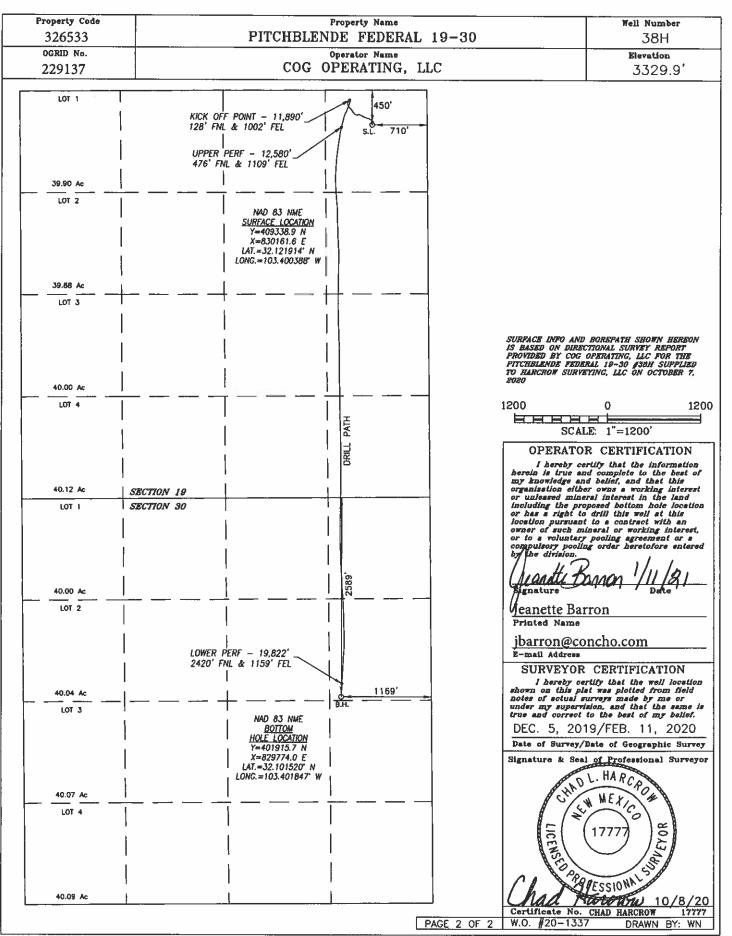


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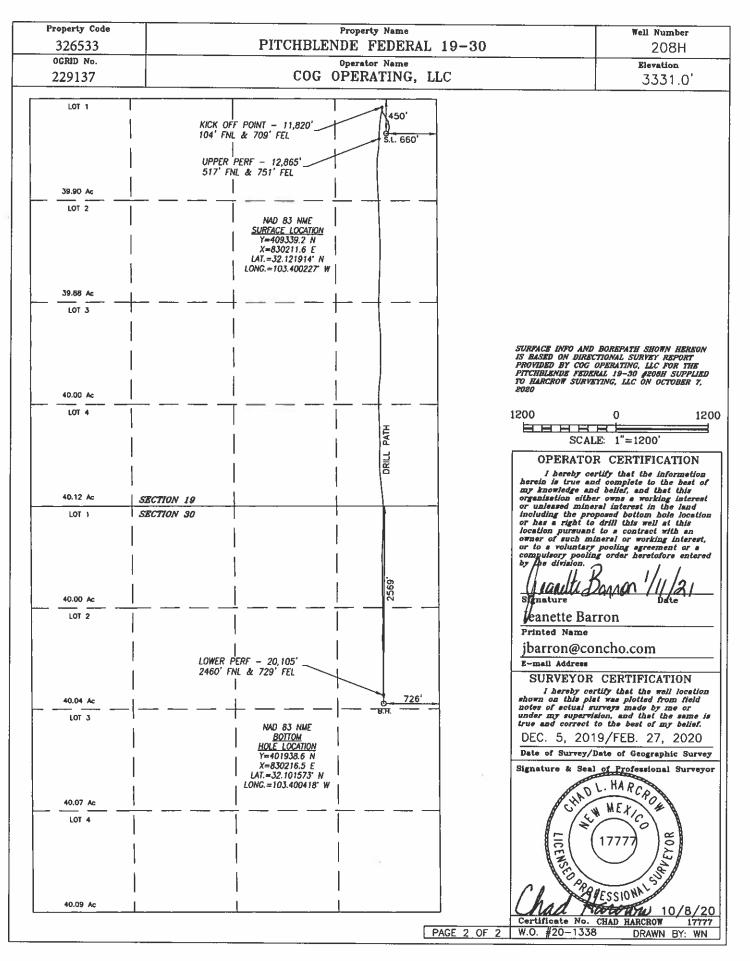
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| DISTRICT I 1055 N. FRENCE DR., H Prome: (575) 595-0161 FM DISTRICT II 511 S. FIRST ST., AR Phone: (576) 748-1253 DISTRICT III DISTRICT III Phone: (506) 334-6176 Phone: (506) 754-6176 | TESLA, NM Fax: (575) 74 ., AZTEC, N Fax: (505) | 88210 8-9720 DN 87410 334-6170 | OIL C | erals (CONS) 1220 S(| & Natura ERVAT OUTH ST. | I R TIC FI | esources De DN DIVIS RANCIS DR. | epartment SION | Revised A Submit one copy t Distri | agust 1, 2011 o appropriate ct Office | | | |
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| DISTRICT IV 1220 S. ST. FRANCIS DE. Phone: (605) 476-3460 | . SANTA FE, Fax: (505) | NM 87505 476-3462 | | | | | | | | | | | |
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State of New Mexico



| DISTRICT I 1625 N. PRENCH DR., HI Phone: (576) 368-6161 Par DISTRICT II. 611 S. PIRST ST., AR Phone: (575) 748-1283 1 DISTRICT III 1000 RIO BRAZOS RD Phone: (506) 334-6176 | TESIA, NM Faz: (575) 74 ., AZTEC, N Faz: (505) | 88210 8-9720 M 87410 334-6170 | OIL | CON 1220 | ls & N NSEF) SOUI | latural VATI H ST. F | w Mexico Resources De ON DIVIS RANCIS DR. Exico 87505 | SION | Revised A Submit one copy t | | | | | | |
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| | | SE | E P | AGI | E 2 | | | W.O. #20-13 | | 1.0F.2 BY: WN | | | | | |

| Property Code 326533 | Property Name PITCHBLENDE FEDERAL 19-30 | Well Number 358H |
|-------------------------|--|--|
| OGRID No. | Operator Name | Elevation |
| 229137 | COG OPERATING, LLC | 3330.4' |
| LOT 1 | KICK OFF POINT - 11,913' 91' FNL & 456' FEL S.L. | |
| | UPPER PERF - 12,580'_/ 486' FNL & 394' FEL | |
| 39.90 Ac | | |
| LOT 2 | NAD 8.3 NME SURFACE LOCATION Y=409339.5 N X=830261.6 E LAT.=32.121913' N LONG.=103.400065' W | |
| | | |
| 39.88 Ac | | |
| LOT 3 | IS BASED ON A PROVIDED BY PITCHBLENDE TO RARCROW S | AND BOREPATH SHOWN HEREON DIRECTIONAL SURVEY REPORT COC OPERATING, LLC FOR THE TEDERAL 19-30 #356H SUPPLIED URVEYING, LLC ON OCTOBER 7, |
| 40.00 Ac | 2020 | |
| LOT 4 | | 0 1200 |
| 40.12 Ac LOT 1 | SECTION 19 SECTION 30 SECTION 50 SECTION 50 SECTIO | CALE: 1"=1200' TOR CERTIFICATION by certify that the information is and complete to the best of e and belief, and that this either owns a working interest minerel interest in the land proposed bottom hole location at to drill this well at this runant to a contract with an h mineral or working interest, neary pooling agreement or a booling order heretofore entered |
| | i i i i i i i i i i i i i i i i i i i | Barron 1/11/21 |
| 40.00 Ac | | Date |
| LOT 2 | LOWER PERF - 19,865' 2480' FNL & 342' FEL | me @concho.com rese (OR CERTIFICATION by certify that the well location |
| 40.04 Ac | BHO | is plat was plotted from field and surveys made by me or |
| LOT 3 | NAD 83 NHE BOITOM DEC. 5, HOLE LOCATION Y=401921.0 N X=830601.2 E IAI = 12 101515" N | perrision, and thei the same is react to the best of my belief. 2019/MAR. 16, 2020 vey/Date of Geographic Survey Seal of Professional Surveyor L. HARCROW |
| 40.07 Ac | | AN WEY OF |
| LOT 4 | | MEXICO WEXICO BROUND CONTROL CONTRO |
| 40.09 Ac | I I I I I I I I I I I I I I I I I I I | Natorio 10/8/20 |
| L | Certificate PAGE 2 OF 2 W.O. #20- | No. CHAD HARCROW 17777 1339 DRAWN BY: WN |

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| ESIA, NM 8 x: (575) 748- AZTEC, NM Pax: (505) 3 | 8210 -9720 1 87410 | DIL C | 'ONS] 1220 S(| ERVAT DUTH ST. | IOI Fra | N DIVIS | SION | Revised A Submit one copy t | Form C-102 agust 1, 2011 o appropriate ct Office |
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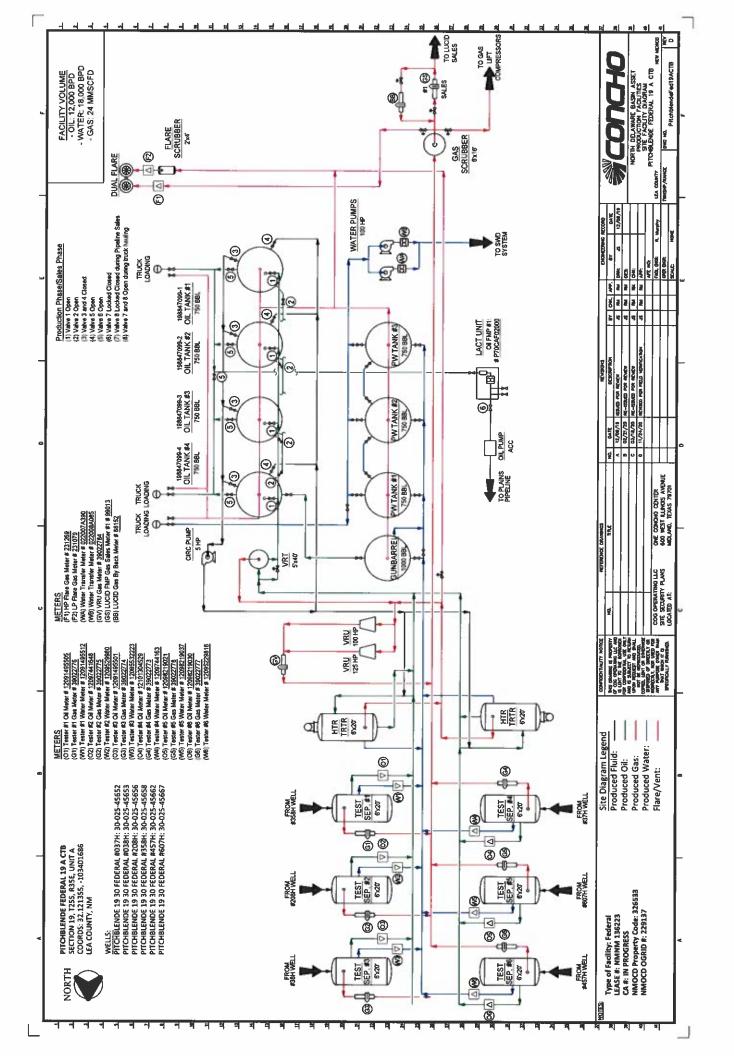
| 326533 | PITCH | Property Name BLENDE FEDERAL 19-30 | Well Number 457H |
|------------|--|---|---|
| OGRID No. | | Operator Name | Elevation |
| 229137 | C | OG OPERATING, LLC | 3337,7' |
| LOT 1 | 250' S.L KICK OFF POINT - 12,095' 88' FNL & 1667' FEL | 1955' | |
| | UPPER PERF - 12,844' | | |
| 39.90 Ac | | | |
| LOT 2 | | NAD 83 NME <u>SURFACE LOCATION</u> Y=409532.4 N X=828914.7 E LAT.=32.122476' N LONG.=103.404410' W | |
| 39.88 Ac 1 | | | |
| LOT 3 | | -+ + | |
| | | IS B PRO PITC TO L | FACE INFO AND BOREPATH SHOWN HEREON MASED ON DIRECTIONAL SURVEY REPORT VIDED BY COG OPERATING, LLC FOR THE HELRIDE FEDERAL 19-30 4457H SUPPLIED MARCROW SURVEYING, LLC ON OCTOBER 22, |
| 40.00 Ac | | 2020 | , , |
| LOT 4 | | DRILL PAT | 0 120 SCALE: 1"=1200' OPERATOR CERTIFICATION I bereby certify that the information rela is true and complete to the best of |
| 40.12 Ac 1 | SECTION 19 | | knowledge and belief, and that this anisation either owns a working interest |
| | SECTION 30 | inc or loc ow ow co by by | unlessed mineral interest in the land Juding the proposed bottom hole location has a right to drill this well at this ation pursuant to a contract with an over of such mineral or working interest, to a voluntary pooling agreement or a apulsory pooling order heretofore entared the division. |
| 40.00 Ac | | 523 | gnature Date |
| LOT 2 | | | eanette Barron |
| | LOWER PERF - 19,991' 2379' FNL & 1567' FEL | Ē- | mail Address SURVEYOR CERTIFICATION |
| 40.04 Ac [| | 1569' #bo | I hereby certify that the well location why on this plat was plotted from field |
| LOT 3 | | B.H. Una | les of actual surveys made by me or ler my supervision, and that the same is |
| | NAD 83 N BOTTOM HOLE LOCA Y=401918. X=829373. LAT.=32.1015 LONG.=103.403 | ME DE DE DE Sign | e and correct to the best of my belief. EC. 5, 2019/MAR. 30, 2020 te of Survey/Date of Geographic Survey nature & Seal of Professional Surveyo D.L. HARCO |
| 40.07 Ac | | | SHADL. HARCAO |
| LOT 4 | | | LICENSED PARESSIONNLS |
| 1 1 | | | |

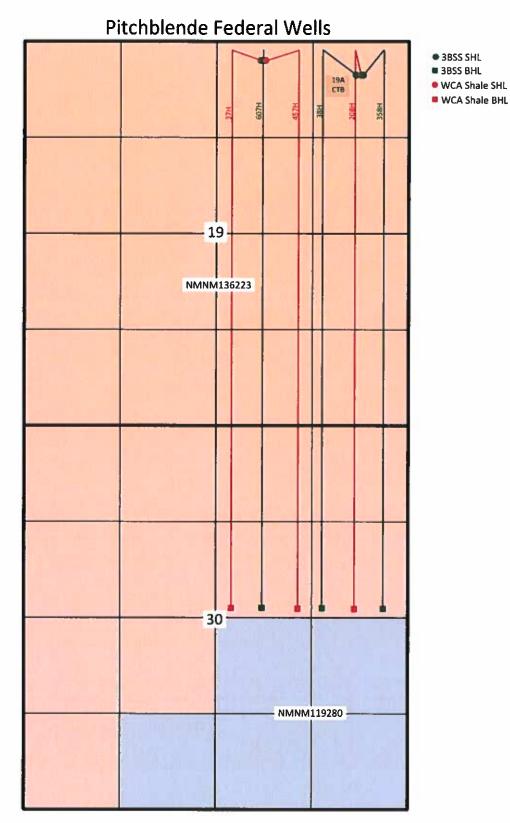
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| DISTRICT I 1950 N. FRENCH DR., F Pacae: (575) 393-6101 F DISTRICT II 811 S. FIRST ST., AI Phone: (575) 748-1283 DISTRICT III 1000 RIO BRAZOS RI Phone: (606) 334-617 | RTESIA, NM Fax: (575) 74 D., AZTEC, N 5 Fax: (505) | 88210 8-9720 M 87410 334-6170 | C | DIL C | ON 1220 | s & Natu SERV SOUTH | ural l ATIC ST. F | w Mexico Resources De DN DIVIS RANCIS DR. xico 87505 | | Revised Av Submit one copy t | form C-102 agust 1, 2011 o appropriate ct Office | | | |
|--|---|--|-----|---------------------|--|---------------------------|-------------------------|--|---------------|---------------------------------|---|--|--|--|
| DISTRICT IV 1820 S. ST. FRANCIS DE Phone: (505) 476-346 | | | | | | | | | | | ED REPORT | | | |
| | | 410-3405 | 1 | | | | ACREA | GE DEDICATI | | As | Drilled | | | |
| | Number -45667 | | | | | | | Fair | | ne Spring | | | | |
| Property C | ode | | 1 | 1 | | Ргор | - | 16 | | | ıber | | | |
| 326533 OGRID No. | | | | | PITCI | | | | | | | | | |
| 229137 | | | | | 5-E 250 NORTH 1955 EAST LEA ttom Hole Location If Different From Surface ange Lot Idn Peet from the North/South line Feet from the East/West line County | | | | | | | | | |
| | | 1 | | | | | | | | | | | | |
| UL or lot No. | Section | Townel | hip | Range | Lot Id | in Feet fre | om the | North/South line | Feet from the | East/West line | County | | | |
| В | 19 | 25- | -S | 35-E | | 25 | 50 | NORTH | 1955 | EAST | LEA | | | |
| | | | | Bottom | Hole | Location 1 | lf Diffe | rent From Sur | face | | | | | |
| UL or lot No. | Section | Townsl | | Range | Lot Id | | | | Feet from the | East/West line | County | | | |
| G | 30 | 25- | | 35-E | | | 90 | NORTH | 1989 | EAST | LEA | | | |
| Dedicated Acres 240 | Joint o | r Infill | Co | nsolidation | Code | Order No. | | | | | | | | |
| | WADIE W | | | SEIGNED | | | | | | | | | | |
| NO ALLO | WADLE (| OR | AN | SSIGNED NON-STAN | IO IN IDARD | UNIT HAS | BEEN | APPROVED BY | THE DIVISION | EEN CONSOLIDA | ATED | | | |
| | | SF | ΕE | PA | GE | 22 | | | | | | | | |

| Property Code 326533 | PITC | HBLE | Property Name NDE FEDERAI | L 19-30 | Well Number 607H |
|-------------------------|---|---------------------------|--|-------------|---|
| OGRID No. | | | Operator Name | | Elevation |
| 229137 | | COG | OPERATING, I | LLC | 3336.2' |
| | | | | | |
| | | 250' | | | |
| | 78' FNL & 1998' FEL | - | 2005' | | |
| | | | 1 | | |
| | UPPER PERF - 12,605' | | | | |
| | 523' FNL & 1983' FEL | | 1 | | |
| 39.90 Ac | <u> </u> | | <u> </u> | _ | |
| LOT 2 | | | NAD 83 NME | | |
| | | | SURFACE LOCATION Y=409532.2 N | | |
| | | | X=828864.7 E | | |
| | | | LAT.=32.122476' N LONG.=103.404572' W | Y | |
| | | | | | |
| 39.88 Ac | -+ + + | | <u>↓</u> | | |
| LOT 3 | | | 1 | | |
| | | | | | |
| | | | 1 | | SURFACE INFO AND BOREPATH SHOWN HEREON IS BASED ON DIRECTIONAL SURVEY REPORT |
| | 1 1 | | 1 | | PROVIDED BY COG OPERATING, LLC FOR THE PITCHBLENDE FEDERAL 19-30 Ø607H SUPPLIED |
| | | | 1 | | TO HARCROW SURVEYING, LLC ON OCTOBER 22, 2020 |
| 40.00 Ac | <u></u> | | <u> </u> | _ | |
| LOT 4 | | Ŧ | | | |
| | | PATH | 1 | | SCALE: 1"=1200' |
| | 1 1 | ORILL | ł | | OPERATOR CERTIFICATION |
| | | 50 | | | I bereby certify that the information herein is true and complete to the best of |
| 40.12 Ac | | | 1 | | my knowledge and belief, and that this organization either owns a working interest |
| LOT 1 | SECTION 19 SECTION 30 | | + | | or unlessed mineral interest in the land |
| 2011 | | | 1 | | or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, |
| | | | I | | owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entared |
| | 1 1 | | | | compulsory pooling order berelofors entered |
| | 1 | , Og | | | Unite Rouse 1/11/21 |
| 40.00 Ac | | 2590 | | | Signature Date |
| LOT 2 | · · · · · · · · · · · · · · · · · · · | | 1 | | Veanette Barron |
| | ł | | | 25 | Printed Name |
| | | | | | jbarron@concho.com |
| | LOWER PERF - 19,857' 2479' FNL & 1988' FEL | | | | E-mail Address |
| | | | | | SURVEYOR CERTIFICATION I bereby certify that the well location |
| 40.04 Ac | | | 1989' | | shown on this plat was plotted from field notes of actual surveys made by me or |
| LOT 3 | | H. | | | under my supervision, and that the same is true and correct to the best of my belief. |
| | BOT | 3 NME <u>TOM</u> | | | DEC. 5, 2019/MAR. 5, 2020 |
| | | <u>0CATION</u> 108.5 N | 1 | | Date of Survey/Date of Geographic Survey |
| | | 053.5 E 01520° N | | | Signature & Seal of Professional Surveyor |
| | | 404497 W | 88 | | CHID L. HARCRO |
| 40.07 Ac | | | 1 | | CHAR WEXIC |
| LOT 4 | | | | | Let Co |
| | | | | | |
| | | | I | | |
| | | | | | Chad Herson 10/26/20 |
| | | | | | PAESSIONAL |
| 40.09 Ac | | | |] | |
| | | | 1 | PAGE 2 OF 2 | Certificate No. CHAD HARCROW 17777 W.O. #20-1394 DRAWN BY: WN |

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Sec. 19, 30-T25S-R35E Lea County, NM



Pitchblend 19 30 Fed 37H, 38H, 208H, 358H, 457H, 607H õ

Red Hills and Jal Offload Station Map

| Pitchblend 19 30 Fed 3/H, 38H, 208H, 358H, 457H, 607H Lea County, NM | | | 8 8 | | * Kobe | 19 20 20 | | 30 29 28 | 24 23 23 | 70 |
|--|-----|-----------|---------------|------------|--------|----------|------|----------|----------|----|
| iend 19 30 Fed 8H, 358H, 457F Lea County, 1 | | 4 | 6 | F | | 3 | H | * | - 8 | 8 |
| 30 Fed H, 457F unty, f | | | | | | | 1 | | | |
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| 3/H, 3 I, 607H IM | | 2 | 11 | | | 222 | - | 36 | УC | P |
| Ϋ́ | | 1 | 12 | | 13 | 24 | | 3 | 8 | 8 |
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| Red H | | 4 | 2 | 6 | 0 | 50 | | 21 | 38 | Ş |
| Hills Offload Sta Lea County, NM | - | 8 | | 10 | | N SY | 3 | 22 | 27 | i |
| Red Hills Offload Station Lea County, NM | | 2 | * *0 | 11.0 | | Z T | 3 | 23 | 96 | 2 |
| Le la | | 1 | иер на | 12 | | 13 | | 24 | 25 | 24 |
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| le Le | 4 4 | 5 | <u>76 - 1</u> | 8 | TINCO | á | 20 2 | + | 29 2 | |
| Jal Offload Station Lea County, NM | 1 | Frid soad | | 6 | VAL. | | 21 | ł | 28 | |
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| | | 2 | 1 | 7 | 1 K | | 23 | 1 | 56 | k |

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Grant Bohls

Landman COG Operating LLC One Concho Center 600 W. Illinois Avenue Midland, Texas 79701

Main. 432-683-7443 Direct: 432-818-2379 Gbohls@concho.com

12/1/2020

New Mexico Oil Conservation Division 1220 South Saint Francis Drive Santa Fe, New Mexico 87505

RE: Pitchblende 19-30 Fed 37H, 38H, 208H, 358H, 457H, 607H

To whom it concerns:

I am the landman at Concho Resources LLC whose area of responsibility includes Sections 19 and 30 of Township 25 South, Range 35 East, Lea County, New Mexico.

The revenue owners are identical. As defined in NMAC 19.15.12.7.B, identical ownership means leases or pools have the same working, royalty and overriding royalty owners in exactly the same percentages.

Respectfully,

Grant Bohls Landman

January 11, 2021

Attn: Dean McClure NM Oil Conservation Division 1220 South Saint Francis Drive Santa Fe, New Mexico 87505

Re: Application for Administrative Approval of Pool Commingle and Off Lease Measurement

Dear Mr. McClure,

COG Operating LLC respectfully requests approval for pool commingling and Off Lease Measurement for the following wells:

| Pitchblende 19 30 Federal 37H | Pitchblende 19 30 Federal 38H |
|--------------------------------|--------------------------------|
| API# 30-025-45652 | API# 30-025-45653 |
| Dogie Draw; Delaware | Fairview Mills; Bone Spring |
| Ut. B, Sec. 19-T25S-R35E | Ut. A, Sec. 19-T25S-R35E |
| Lea County, NM | Lea County, NM |
| | |
| Pitchblende 19 30 Federal 208H | Pitchblende 19 30 Federal 358H |
| API# 30-025-45656 | API# 30-025-45658 |
| Dogie Draw; Delaware | Fairview Mills; Bone Spring |
| Ut. A, Sec. 19-T25S-R35E | Ut. A, Sec. 19-T25S-R35E |
| Lea County, NM | Lea County, NM |
| | |
| Pitchblende 19 30 Federal 457H | Pitchblende 19 30 Federal 607H |
| API# 30-025-45662 | API# 30-025-45667 |
| Dogie Draw; Delaware | Fairview Mills; Bone Spring |
| Ut. B, Sec. 19-T25S-R35E | Ut. B, Sec. 19-T25S-R35E |
| Lea County, NM | Lea County, NM |
| | |

Oil Production:

The oil production from all wells will be measured separately on-lease by allocation meter prior to being commingled at the heater treaters at the Central Tank Battery located in lease in Ut. A, Sec 19-T25S-R35E. In addition to the on-lease measurement, the oil production from these wells may also be transported by truck to either the Red Hills Offload Station, located in Unit O, Section 4-T26S-R32E, or the Jal Offload Station, located in Unit D, Section 4-T26S-R37E, Lea County in the event the CTB on lease is over capacity or in the case of battery or pipeline repairs. In this case the oil will remain segregated and will be measured by lact meter when offloading at said stations.

Gas Production:

The gas production from all wells will be measured separately on-lease by allocation meter prior to being commingled and entering a gas flow line to the gas custody transfer meter at the Central Tank Battery located in Ut. A, Sec. 19-T25S-R35E. The ETC gas sales meter # 99013.

All owners are identical. As defined in NMAC 19.15.12.7.B, identical ownership means leases or pools have the same working, royalty and overriding royalty owners in the same percentages. Please see letter from OCD landman.

Please see the enclosed Administrative Application Checklist, C-107B Application for pool commingling, plats for referenced wells, site facility diagram, maps with lease boundaries showing wells and facility locations.

Thank you for your attention to this matter.

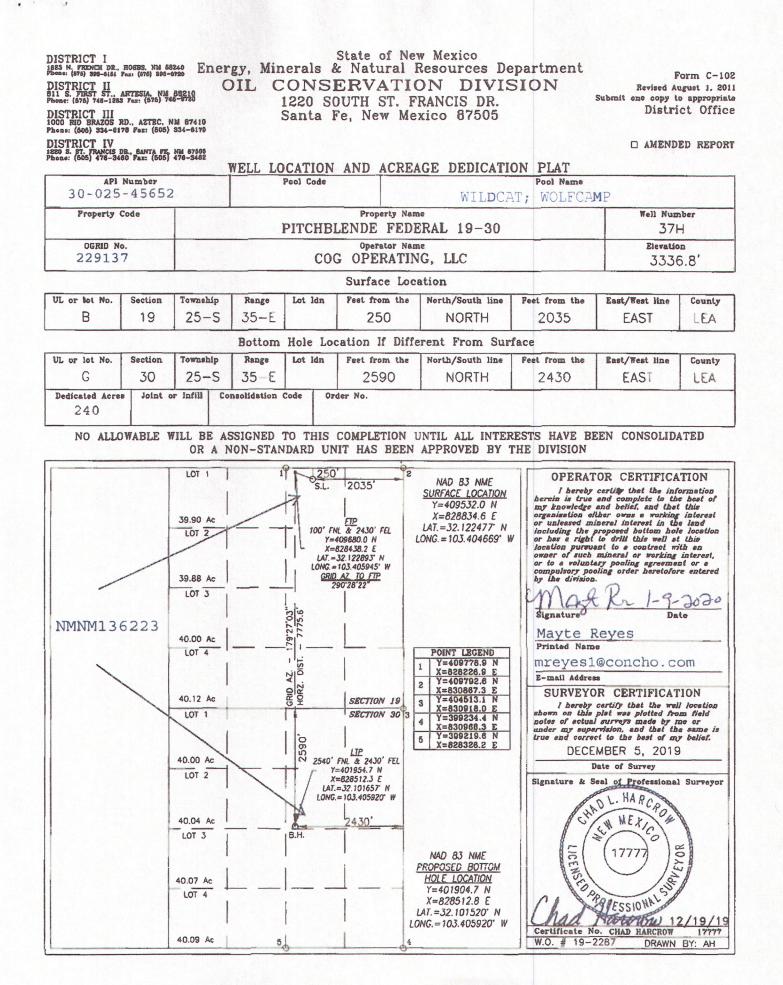
Sincerely,

Jeanette Barron Regulatory Technician II

| | | Pitchblende | nde 19 30 Fed 37H, 38H, 208H, 358H, 457H, 607H PC | 457H, 60 | 7H PC | | | |
|-----------|-------------------------|-------------|---|----------|-------|---------|--------------------------------------|-----------|
| | | | | | State | | | |
| Date Sent | Date Sent Initials Name | Name | Address | City | | ZipCode | ZipCode Certified Return Receipt No. | Delivered |
| 01.14.21 | 8 | BLM | 414 West Tavlor | Hobbs | MN | 88240 | 88240 2017 3040 0000 1206 4692 | |

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| (June 2015) DE BU | PM UNITED STATES PARTMENT OF THE D JREAU OF LAND MANA NOTICES AND REPO s form for proposals to | Carlso NTERIOR GEMENT | erator | Сору | FORM OMB N Expires: J | APPROVED O. 1004-0137 anuary 31, 2018 | |
|---|---|---|---|---|--|--|--|
| SUNDRY | NOTICES AND REPO | RTS ON WEL | IS | | 5. Lease Serial No. NMNM136223 | | |
| | s form for proposals to I. Use form 3160-3 (AP | | | | 6. If Indian, Allottee of | or Tribe Name | |
| SUBMIT IN 1 | RIPLICATE - Other inst | tructions on pa | ge 2 | | 7. If Unit or CA/Agre | ement, Name and/or No. | |
| 1. Type of Well | er | | | | 8. Well Name and No. PITCHBLENDE F | | |
| 2. Name of Operator COG OPERATING LLC | Contact: E-Mail: mreyes1@ | MAYTE X REY concho.com | ES | | 9. API Well No. 30-025-45652-00-X1 | | |
| ONE CONCHO CENTER 600 W ILLINOIS AVENUE Ph: 575-748 MIDLAND, TX 79701-4287 | | | nclude area code) 6945 | | 10. Field and Pool or Exploratory Area WILDCAT;WOLFCAMP | | |
| 4. Location of Well (Footage, Sec., T. | , R., M., or Survey Description |) | | | 11. County or Parish, | State | |
| Sec 19 T25S R35E 250FNL 20 32.121925 N Lat, 103.404648 | | | | | LEA COUNTY, | NM | |
| 12. CHECK THE AF | PROPRIATE BOX(ES) | TO INDICATI | E NATURE O | F NOTICE, | REPORT, OR OTI | HER DATA | |
| TYPE OF SUBMISSION | | | TYPE OF | F ACTION | | | |
| Notice of Intent | Acidize | Deepe | n | Product | tion (Start/Resume) | □ Water Shut-Off | |
| | Alter Casing | 🗖 Hydra | ulic Fracturing | Reclam | ation | U Well Integrity | |
| Subsequent Report | Casing Repair | — | Construction | 🗖 Recom | | Other Change to Original A | |
| Final Abandonment Notice | Change Plans | Plug a | nd Abandon | Tempor | emporarily Abandon Change to PD | | |
| Describe Proposed or Completed Ope If the proposal is to deepen directiona Attach the Bond under which the wor following completion of the involved testing has been completed. Final Ab | Convert to Injection eration: Clearly state all pertine ally or recomplete horizontally, k will be performed or provide operations. If the operation re andonment Notices must be fi | Plug B nt details, including give subsurface log the Bond No. on fi sults in a multiple of | ack g estimated startin cations and measu le with BLM/BIA completion or reco | Water I g date of any p red and true vo . Required su ompletion in a | proposed work and appro ertical depths of all pertin bsequent reports must be new interval, a Form 316 | nent markers and zones. e filed within 30 days 50-4 must be filed once | |
| 13. Describe Proposed or Completed Open If the proposal is to deepen directiona Attach the Bond under which the wor following completion of the involved testing has been completed. Final Ab determined that the site is ready for fit COG Operating respectfully reAPD. Casing Changes: | Convert to Injection eration: Clearly state all pertine ally or recomplete horizontally, k will be performed or provide operations. If the operation re bandonment Notices must be fin inal inspection. | Plug B nt details, including give subsurface loc the Bond No. on fi sults in a multiple c ed only after all rec | eack g estimated startin cations and measu le with BLM/BIA completion or reco quirements, includ | Water I g date of any p red and true vo . Required su ompletion in a ling reclamatio | proposed work and approproposed work and approproposed work and appropriate and the sequent reports must be new interval, a Form 316 n, have been completed | nent markers and zones. e filed within 30 days 50-4 must be filed once | |
| Describe Proposed or Completed Open If the proposal is to deepen directiona Attach the Bond under which the wor following completion of the involved testing has been completed. Final Ab determined that the site is ready for fin COG Operating respectfully read APD. | Convert to Injection eration: Clearly state all pertine illy or recomplete horizontally, k will be performed or provide operations. If the operation re andonment Notices must be final inspection. | Plug B nt details, including give subsurface loc the Bond No. on fi sults in a multiple c ed only after all rec | eack g estimated startin cations and measu le with BLM/BIA completion or reco quirements, includ | Water I g date of any p red and true vo . Required su ompletion in a ling reclamatio | proposed work and approproposed work and approproposed work and appropriate and the sequent reports must be new interval, a Form 316 n, have been completed | nent markers and zones. e filed within 30 days 50-4 must be filed once | |
| 13. Describe Proposed or Completed Open If the proposal is to deepen directiona Attach the Bond under which the wor following completion of the involved testing has been completed. Final Ab determined that the site is ready for fin COG Operating respectfully re APD. Casing Changes: See attached. Formation Change: From: Doggie Draw; Delawaren To: Wildcat; Wolfcamp C102 attached. 14. 1 hereby certify that the foregoing is | Convert to Injection eration: Clearly state all pertine ally or recomplete horizontally, will be performed or provide operations. If the operation re bandonment Notices must be fin inal inspection. equests approval for the f 997779 | Plug B nt details, including give subsurface loo the Bond No. on fi sults in a multiple ed only after all red ollowing change ollowing change | eack g estimated startin cations and measu le with BLM/BLA/ pompletion or reco puirements, includ es to the origin the origin by the BLM We C, sent to the I | Water I g date of any p red and true ve. Required su impletion in a ling reclamation ally approve | n System | nent markers and zones. e filed within 30 days 50-4 must be filed once | |
| 13. Describe Proposed or Completed Open If the proposal is to deepen directiona Attach the Bond under which the wor following completion of the involved testing has been completed. Final Ab determined that the site is ready for fin COG Operating respectfully re APD. Casing Changes: See attached. Formation Change: From: Doggie Draw; Delawaren To: Wildcat; Wolfcamp C102 attached. 14. 1 hereby certify that the foregoing is | Convert to Injection eration: Clearly state all pertine ally or recomplete horizontally, will be performed or provide operations. If the operation re bandonment Notices must be fin inal inspection. equests approval for the f e 97779 | Plug B nt details, including give subsurface loc the Bond No. on fi sults in a multiple c ed only after all rec ollowing change ollowing change | eack g estimated startin cations and measu le with BLM/BIA completion or reco- quirements, includ es to the origin es to the origin by the BLM We C, sent to the I CLLA PEREZ o | Water I g date of any p red and true ve the required su impletion in a ling reclamation ally approve ally approve | n System | nent markers and zones. e filed within 30 days 50-4 must be filed once | |
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| 13. Describe Proposed or Completed Open If the proposal is to deepen directiona Attach the Bond under which the worfollowing completion of the involved testing has been completed. Final Abdetermined that the site is ready for file COG Operating respectfully reacted apple. Casing Changes: See attached. Formation Change: From: Doggie Draw; Delawaren To: Wildcat; Wolfcamp C102 attached. 14. I hereby certify that the foregoing is Corr Name (Printed/Typed) MAYTE X | Convert to Injection eration: Clearly state all pertine ally or recomplete horizontally, k will be performed or provide operations. If the operation re bandonment Notices must be fin inal inspection. equests approval for the f e 97779 true and correct. Electronic Submission # For COG mitted to AFMSS for proc REYES | Plug B nt details, including give subsurface loo the Bond No. on fi sults in a multiple c ed only after all rec ollowing change ollowing change v499094 verified OPERATING LL essing by PRISC | estimated startin actions and measu le with BLM/BIA completion or reco- puirements, includ es to the origin es to the origin by the BLM We C, sent to the I CILLA PEREZ o Fitle SENIO | Water I g date of any p red and true vo Required su ompletion in a a ling reclamation ally approve ally ally appro | noposed work and appro ertical depths of all pertin bsequent reports must be new interval, a Form 316 n, have been completed ed ad n System (20PP0964SE) TORY ANALYST | nent markers and zones. e filed within 30 days 50-4 must be filed once | |
| 13. Describe Proposed or Completed Open If the proposal is to deepen directiona Attach the Bond under which the worfollowing completion of the involved testing has been completed. Final Abdetermined that the site is ready for file COG Operating respectfully reacted apple. Casing Changes: See attached. Formation Change: From: Doggie Draw; Delawaren To: Wildcat; Wolfcamp C102 attached. 14. I hereby certify that the foregoing is Corr Name (Printed/Typed) MAYTE X | Convert to Injection eration: Clearly state all pertine ally or recomplete horizontally, will be performed or provide operations. If the operation re bandonment Notices must be fi inal inspection. equests approval for the f a 97779 true and correct. Electronic Submission # For COG mitted to AFMSS for proc REYES Submission) THIS SPACE F GO d. Approval of this notice doe uitable title to those rights in th | Plug B nt details, including give subsurface loo the Bond No. on fis- sults in a multiple co- ed only after all reco- ollowing change verified I OPERATING LL essing by PRISC DR FEDERAL | estimated startin actions and measu le with BLM/BIA completion or reco- puirements, includ es to the origin es to the origin by the BLM We C, sent to the I CILLA PEREZ o Fitle SENIO | Water I g date of any p red and true vo Required su ompletion in a a ling reclamation ally approve ally ally approve ally approve ally approve ally ally approve | noposed work and appro ertical depths of all pertin bsequent reports must be new interval, a Form 316 n, have been completed ed ad n System (20PP0964SE) TORY ANALYST | nent markers and zones. e filed within 30 days 50-4 must be filed once | |



| TEC-LOCK FJ 7.625" 29.7 LB/FT (.375" Wall) P110 HC Pipe Body Data Nominal OD: 7.625 Nominal Wall: 0.375 Nominal Weight: 29.70 | |
|---|---|
| P110 HC Pipe Body Data Nominal OD: 7.625 in Nominal Wall: 0.375 in | |
| Pipe Body Data Nominal OD: 7.625 in Nominal Wall: 0.375 in | |
| Nominal OD: 7.625 in Nominal Wall: 0.375 in | |
| Nominal OD: 7.625 in Nominal Wall: 0.375 in | |
| Nominal Wall: 0.375 in | |
| Nominal Weight: 29.70 lb/ft | |
| | and the second second |
| Plain End Weight: 29.22 lb/ft | 18 19 19 19 19 19 19 19 19 19 19 19 19 19 |
| Material Grade: P110 HC | |
| Mill/Specification: BORUSAN MANNESMANN | 111 A.F. () |
| Yield Strength: 110,000 psi | |
| Tensile Strength: 125,000 psi | |
| Nominal ID: 6.875 in | |
| API Drift Diameter: 6.750 in | |
| | |
| Special Drift Diameter: NA in | |
| RBW: 87.5% | |
| Body Yield: 940,000 lbf | |
| Burst: 9,460 psi | |
| Collapse: 7,050 psi | |
| Connection Date | |
| Connection Data | |
| Standard OD: 7.625 in | |
| Pin Bored ID: 6.875 in | |
| Critical Section Area: 6.299 in ² | |
| Tensile Efficiency: 70.0% | |
| Compressive Efficiency: 61.9% | |
| Longitudinal Yield Strength: 658,000 lbf | |
| Compressive Limit: 581,860 lbf | |
| Internal Pressure Rating: 7,570 psi | |
| External Pressure Rating: 7,050 psi | |
| Maximum Bend: 26 °/100ft | |
| Operational Data | |
| | |
| Minimum Makeup Torque: 3,600 ft*lbf | |
| Optimum Makeup Torque: 6,500 ft*lbf | |
| Maximum Makeup Torque: 9,400 ft*lbf | |
| Minimum Yield: 14,500 ft*lbf | States - |
| Makeup Loss: 5.97 in | |
| | |
| Notes Preliminary DataSheet | |
| The Connection ratings are structural | |
| | |
| Generated on Sep 05, 2019 | ΓING |
| | |

Pitchblende Fed Com 19-30 37H

Casing and BOP

| Interval Hole Size | | Casing Interval | | Csg. Size | Weight | Grade | Conn. | BOP | |
|--------------------|-----------|-----------------|--------|-----------|--------|-------------|--------------------------|------------------------|--|
| Interval | Hole Size | From | То | USB. SIZE | (lbs) | Graue | Conn. | BUP | |
| Surface | 14.5" | 0 | 1028 | 10.75" | 45.5 | J55 | BTC | | |
| | 9.875" | 0 | 8500 | 7.625'' | 29.7 | L80 HC | BTC | | |
| Intermediate | 8.75" | 8300* | 12100 | 7.625" | 29.7 | P-110 HC | Tech Lock Flush Joint | 5M | |
| | 6.75" | 0 | 11900 | 5.5" | 23 | P110 | втс | | |
| Production | 6.75'' | 11900 | 20,298 | 5" | 18 | P110 | втс | 10M w/ 5M annular** | |

The Tech Lock Flush Joint by BTC cross over will be 200' above where the bit size changes from 9.875" to 8.75"

5M annular variance requested; 5M annular will be tested to 5000psi

Cement:

Surface

Lead: 300 sx 13.5#; 1.75 cuft/sx; 9.21 H20 Gal/sx; Class C + 4% Gel Tail: 300 sx 14.8#; 1.34 cuft/sx; 6.34 H20 Gal/sx; Class C + 2% CaCl2

Intermediate

Lead: 875 sx 10.3#; 3.6 cuft/sx; 21.87 H20 Gal/sx; NeoCem Tail: 150 sx 16.4#; 1.1 cuft/sx; 6.0 H20 Gal/sx; Class H

Production

Lead: 650 sx; 12.7#; 1.97 cuft/sx; 10.8 H20 Gal/sx; 35:65:6 H Blend Tail: 985 sx; 14.5#; 1.22 cuft.sx; 5.56 H20 Gal/sx; 50:50:2 H Blend

PECOS DISTRICT DRILLING OPERATIONS CONDITIONS OF APPROVAL

| OPERATOR'S NAME: | |
|----------------------------|--------------------------------|
| LEASE NO.: | NMNM136223 |
| WELL NAME & NO.: | Pitchblende Fed 19-30 37H |
| SURFACE HOLE FOOTAGE: | 450' FNL & 2030' FEL |
| BOTTOM HOLE FOOTAGE | 2590' FNL & 2430' FEL |
| LOCATION: | Section 19, T 25S, R 35E, NMPM |
| COUNTY: | Lea County, New Mexico |

| H2S | • Yes | CNO | |
|----------------------|------------------|----------------|--------------|
| Potash | • None | © Secretary | C R-111-P |
| Cave/Karst Potential | • Low | C Medium | (High |
| Variance | None | Flex Hose | C Other |
| Wellhead | Conventional | Multibowl | © Both |
| Other | □ 4 String Area | Capitan Reef | WIPP |
| Other | Fluid Filled | Cement Squeeze | F Pilot Hole |
| Special Requirements | ☐ Water Disposal | I COM | 「 Unit |

A. CASING

- 1. The **10-3/4**" surface casing shall be set at approximately **1028**' (a minimum of 25' into the Rustler Anhydrite and above the salt) and cemented to surface.
 - a. If cement does not circulate to surface, the appropriate BLM office shall be notified and a temperature survey utilizing an electronic type temperature survey with surface log readout will be used or a cement bond log shall be run to verify the top of the cement. Temperature survey will be run a minimum of 6 hours after pumping cement, ideally between 8-10 hours after.
 - b. WOC time for a primary cement job will be a minimum of <u>8 hours</u> or <u>500 psi</u> compressive strength, whichever is greater. This is to include the lead cement.
 - c. If cement falls back, remedial cementing will be done prior to drilling out the shoe.
 - d. WOC time for a remedial job will be a minimum of 4 hours after bringing cement to surface or 500 psi compressive strength, whichever is greater.
- 2. The **7-5/8**" intermediate casing shall be cemented to surface.
 - a. If cement does not circulate to surface, see A.1.a, c & d.
 - b. This casing must be kept at least 1/3 full at all times in order to meet BLM collapse requirements.
- 3. The 5-1/2" and 5" production casing shall be cemented with at least 200' tie-back into the previous casing. Operator shall provide method of verification.

Page 1 of 2

B. PRESSURE CONTROL

- 1. Minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling below the surface casing shoe shall be **5000 (5M)** psi.
- Minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling below the intermediate casing shoe shall be 10,000 (10M) psi. Variance approved to use a 5M annular. When conducting a BOP/BOPE testhe annular shall be tested to 70% of the working pressure.
- 3. Required safety valves, with appropriate wrenches and subs for the drill string being utilized, will be in the open position and accessible on the rig floor.

DR 1/16/2020

| orm 3160-5 une 2015) BU SUNDRY N | PM UNITED STATES PARTMENT OF THE IN JREAU OF LAND MANAG NOTICES AND REPOR IS form for proposals to J. Use form 3160-3 (APL | VTERIOR GEMENT RTS ON WELLS | OMI | 23 | |
|---|--|---|---|---|--|
| SUBMIT IN T | RIPLICATE - Other inst | ructions on page 2 | 7. If Unit or CA/A | greement, Name and/or No. | |
| 1. Type of Well □ Gas Well □ Othe | er | | 8. Well Name and PITCHBLEND | No. E FED 19-30 038H | |
| 2. Name of Operator COG OPERATING LLC | | MAYTE X REYES | 9. API Well No. 30-025-4565 | 9. API Well No. 30-025-45653-00-X1 | |
| 3a. Address ONE CONCHO CENTER 600 MIDLAND, TX 79701-4287 |) W ILLINOIS AVENUE | 3b. Phone No. (include area code Ph: 575-748-6945 | | or Exploratory Area | |
| 4. Location of Well (<i>Footage, Sec., T.,</i> | R., M., or Survey Description) | | 11. County or Pari | ish, State | |
| Sec 19 T25S R35E 450FNL 71 32.121914 N Lat, 103.400383 | | | LEA COUNT | Ύ, NM | |
| 12. CHECK THE AP | PROPRIATE BOX(ES) | TO INDICATE NATURE (| DF NOTICE, REPORT, OR C | OTHER DATA | |
| TYPE OF SUBMISSION | | TYPE C | F ACTION | | |
| ☑ Notice of Intent | □ Acidize | Deepen | Production (Start/Resume) |) 🔲 Water Shut-Off | |
| □ Subsequent Report | □ Alter Casing | Hydraulic Fracturing | _ | U Well Integrity | |
| | □ Casing Repair | □ New Construction | □ Recomplete | Other Change to Origina | |
| ☐ Final Abandonment Notice | Change Plans Convert to Injection | Plug and Abandon Plug Back | Temporarily Abandon Water Disposal | PD | |
| If the proposal is to deepen directional Attach the Bond under which the work following completion of the involved of testing has been completed. Final Abs determined that the site is ready for fin COG Operating respectfully red APD. | k will be performed or provide operations. If the operation res andonment Notices must be file hal inspection. | the Bond No. on file with BLM/BI ults in a multiple completion or rec of only after all requirements, inclu | A. Required subsequent reports mus completion in a new interval, a Form ding reclamation, have been complet | t be filed within 30 days 3160-4 must be filed once | |
| Casing Changes: See attached. Formation Change: From: Doggie Draw; Delaware To: Wildcat; Bone Spring C102 attached. | 97779 | | | | |
| 14. I hereby certify that the foregoing is t | Electronic Submission #4 For COG (| 99079 verified by the BLM W | Hobbs | | |
| | · · · · · | ssing by PRISCILLA PEREZ | on 01/16/2020 (20PP0980SE) R REGULATORY ANALYST | | |
| Com Name(Printed/Typed) MAYTE X I | - | | | | |
| | | | | | |
| | , | Date 01/14/ | | | |
| Name(Printed/Typed) MAYTE X I | , | Date 01/14/ | | | |
| Name(Printed/Typed) MAYTE X I | THIS SPACE FO | R FEDERAL OR STATE | | Date 01/16/2 | |

(Instructions on page 2) ** BLM REVISED **

•

Revisions to Operator-Submitted EC Data for Sundry Notice #499079

| | Operator Submitted | BLM Revised (AFMSS) |
|--------------------------------|---|--|
| Sundry Type: | APDCH NOI | APDCH NOI |
| Lease: | NMNM136223 | NMNM136223 |
| Agreement: | | |
| Operator: | COG OPERATING LLC 2208 WEST MAIN STREET ARTESIA, NM 88210 Ph: 575-748-6940 | COG OPERATING LLC ONE CONCHO CENTER 600 W ILLINOIS AVENUE MIDLAND, TX 79701-4287 Ph: 432.685.4342 |
| Admin Contact: | MAYTE X REYES SENIOR REGULATORY ANALYST E-Mail: mreyes1@concho.com | MAYTE X REYES SENIOR REGULATORY ANALYST E-Mail: mreyes1@concho.com |
| | Ph: 575-748-6945 | Ph: 575-748-6945 |
| Tech Contact: | MAYTE X REYES SENIOR REGULATORY ANALYST E-Mail: mreyes1@concho.com | MAYTE X REYES SENIOR REGULATORY ANALYST E-Mail: mreyes1@concho.com |
| | Ph: 575-748-6945 | Ph: 575-748-6945 |
| Location: State: County: | NM LEA | NM LEA |
| Field/Pool: | WILDCAT;BONE SPRING | WILDCAT BONE SPRING |
| Well/Facility: | PITCHBLENDE FEDERAL 19-30 38H Sec 19 T25S R35E NENE 450FNL 710FEL | PITCHBLENDE FED 19-30 038H Sec 19 T25S R35E 450FNL 710FEL 32.121914 N Lat, 103.400383 W Lon |

PECOS DISTRICT DRILLING OPERATIONS CONDITIONS OF APPROVAL EC499079

| OPERATOR'S NAME: | COG Operating LLC |
|----------------------------|--------------------------------|
| LEASE NO.: | NMNM136223 |
| WELL NAME & NO.: | Pitchblende Fed 19-30 38H |
| SURFACE HOLE FOOTAGE: | 450' FNL & 710' FEL |
| BOTTOM HOLE FOOTAGE | 2590' FNL & 1170' FEL |
| LOCATION: | Section 19, T 25S, R 35E, NMPM |
| COUNTY: | Lea County, New Mexico |

| H2S | • Yes | C No | |
|----------------------|----------------|----------------|------------|
| Potash | • None | C Secretary | C R-111-P |
| Cave/Karst Potential | • Low | C Medium | C High |
| Variance | • None | • Flex Hose | C Other |
| Wellhead | Conventional | Multibowl | C Both |
| Other | □4 String Area | Capitan Reef | □ WIPP |
| Other | Fluid Filled | Cement Squeeze | Pilot Hole |
| Special Requirements | Water Disposal | COM | 🗖 Unit |

A. CASING

- 1. The **10-3/4**" surface casing shall be set at approximately **1010**' (a minimum of 25' into the Rustler Anhydrite and above the salt) and cemented to surface.
 - a. **If cement does not circulate to surface,** the appropriate BLM office shall be notified and a temperature survey utilizing an electronic type temperature survey with surface log readout will be used or a cement bond log shall be run to verify the top of the cement. Temperature survey will be run a minimum of **6 hours** after pumping cement, ideally between 8-10 hours after.
 - b. WOC time for a primary cement job will be a minimum of <u>8 hours or 500 psi</u> compressive strength, whichever is greater. This is to include the lead cement.
 - c. If cement falls back, remedial cementing will be done prior to drilling out the shoe.
 - d. WOC time for a remedial job will be a minimum of 4 hours after bringing cement to surface or 500 psi compressive strength, whichever is greater.
- 2. The **7-5/8''** intermediate casing shall be cemented to surface.
 - a. If cement does not circulate to surface, see A.1.a, c & d.
 - b. This casing must be kept at least 1/3 full at all times in order to meet BLM collapse requirements.
- 3. The **5-1/2'' and 5''** production casing shall be cemented with at least **200' tie-back** into the previous casing. Operator shall provide method of verification.

B. PRESSURE CONTROL

- 1. Minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling below the surface casing shoe shall be **5000** (**5M**) psi.
- Minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling below the intermediate casing shoe shall be 10,000 (10M) psi. Variance approved to use a 5M annular. When conducting a BOP/BOPE testhe annular shall be tested to 70% of the working pressure.
- 3. Required safety valves, with appropriate wrenches and subs for the drill string being utilized, will be in the open position and accessible on the rig floor.

DR 1/16/2020

| BUI SUNDRY N | PM UNITED STATES ARTMENT OF THE IN REAU OF LAND MANAC OTICES AND REPOR form for proposals to a Use form 3160-3 (APD | GEMENT RTS ON WELLS | OMB | 3 | |
|---|---|--|--|--|--|
| SUBMIT IN TF | RIPLICATE - Other instr | ructions on page 2 | 7. If Unit or CA/Ag | greement, Name and/or No. | |
| Type of Well ☑ Oil Well □ Gas Well □ Other | ſ | | 8. Well Name and N PITCHBLENDE | ^{Io.} E FED 19-30 208H | |
| 2. Name of Operator COG OPERATING LLC | Contact: M E-Mail: mreyes1@c | MAYTE X REYES | 9. API Well No. 30-025-45656 | 9. API Well No. 30-025-45656-00-X1 | |
| 3a. Address ONE CONCHO CENTER 600 MIDLAND, TX 79701-4287 | W ILLINOIS AVENUE | 3b. Phone No. (include area code) Ph: 575-748-6945 | 10. Field and Pool WILDCAT;W0 | or Exploratory Area | |
| 4. Location of Well <i>(Footage, Sec., T., I</i> | R., M., or Survey Description) | | 11. County or Paris | h. State | |
| Sec 19 T25S R35E 450FNL 660 32.121914 N Lat, 103.400223 V | OFEL | | LEA COUNTY | | |
| 12. CHECK THE APP | PROPRIATE BOX(ES) | TO INDICATE NATURE O | F NOTICE, REPORT, OR O | THER DATA | |
| TYPE OF SUBMISSION | | TYPE OI | FACTION | | |
| ☑ Notice of Intent | | Deepen | Production (Start/Resume) | □ Water Shut-Off | |
| Subsequent Report | □ Alter Casing | Hydraulic Fracturing | □ Reclamation | Well Integrity | |
| | Casing Repair | □ New Construction | □ Recomplete | Other Change to Original | |
| ☐ Final Abandonment Notice | Change Plans Convert to Injection | Plug and Abandon Plug Back | Temporarily Abandon Water Disposal | PD | |
| If the proposal is to deepen directionally Attach the Bond under which the work following completion of the involved op testing has been completed. Final Abar determined that the site is ready for fina COG Operating respectfully req APD. Casing Changes: See attached. Formation Change: From: Fairview Mills; Bone Sprin To: Wildcat; Wolfcamp C102 attached. | will be performed or provide t perations. If the operation rest indonment Notices must be file al inspection. uests approval for the fo | he Bond No. on file with BLM/BIA Ilts in a multiple completion or recc d only after all requirements, includ | Required subsequent reports must mpletion in a new interval, a Form 3 ling reclamation, have been complete | be filed within 30 days 3160-4 must be filed once | |
| | ue and correct. | 99091 verified by the BLM We PPERATING LLC, sent to the F | lobbs | | |
| | For COG C | ssing by PRISCILLA PEREZ of | | | |
| | For COG C nitted to AFMSS for proce | ssing by PRISCILLA PEREZ of | R REGULATORY ANALYST | | |
| Comm | For COG C nitted to AFMSS for proce REYES | ssing by PRISCILLA PEREZ of | R REGULATORY ANALYST | | |
| Comm Name(Printed/Typed) MAYTE X R | For COG C nitted to AFMSS for proce REYES bmission) | ssing by PRISCILLA PEREZ o Title SENIO | R REGULATORY ANALYST | | |
| Comm Name(Printed/Typed) MAYTE X R | For COG C nitted to AFMSS for proce REYES bmission) THIS SPACE FO | ssing by PRISCILLA PEREZ of Title SENIOF Date 01/14/2 | R REGULATORY ANALYST | Date 01/16/20 | |

(Instructions on page 2) ** BLM REVISED **

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Revisions to Operator-Submitted EC Data for Sundry Notice #499091

| | Operator Submitted | BLM Revised (AFMSS) |
|--------------------------------|---|--|
| Sundry Type: | APDCH NOI | APDCH NOI |
| Lease: | NMNM136223 | NMNM136223 |
| Agreement: | | |
| Operator: | COG OPERATING LLC 2208 WEST MAIN STREET ARTESIA, NM 88210 Ph: 575-748-6940 | COG OPERATING LLC ONE CONCHO CENTER 600 W ILLINOIS AVENUE MIDLAND, TX 79701-4287 Ph: 432.685.4342 |
| Admin Contact: | MAYTE X REYES SENIOR REGULATORY ANALYST E-Mail: mreyes1@concho.com | MAYTE X REYES SENIOR REGULATORY ANALYST E-Mail: mreyes1@concho.com |
| | Ph: 575-748-6945 | Ph: 575-748-6945 |
| Tech Contact: | MAYTE X REYES SENIOR REGULATORY ANALYST E-Mail: mreyes1@concho.com | MAYTE X REYES SENIOR REGULATORY ANALYST E-Mail: mreyes1@concho.com |
| | Ph: 575-748-6945 | Ph: 575-748-6945 |
| Location: State: County: | NM LEA | NM LEA |
| Field/Pool: | WILDCAT; WOLFCAMP | WILDCAT;WOLFCAMP |
| Well/Facility: | PITCHBLENDE FEDERAL 19-30 208H Sec 19 T25S R35E NENE 450FNL 660FEL | PITCHBLENDE FED 19-30 208H Sec 19 T25S R35E 450FNL 660FEL 32.121914 N Lat, 103.400223 W Lon |
| | | |

PECOS DISTRICT DRILLING OPERATIONS CONDITIONS OF APPROVAL EC499091

| OPERATOR'S NAME: | COG Operating LLC |
|----------------------------|--------------------------------|
| LEASE NO.: | NMNM136223 |
| WELL NAME & NO.: | Pitchblende Fed 19-30 208H |
| SURFACE HOLE FOOTAGE: | 450' FNL & 660' FEL |
| BOTTOM HOLE FOOTAGE | 2590' FNL & 750' FEL |
| LOCATION: | Section 19, T 25S, R 35E, NMPM |
| COUNTY: | Lea County, New Mexico |

| H2S | • Yes | C No | |
|----------------------|----------------|----------------|------------|
| Potash | • None | C Secretary | C R-111-P |
| Cave/Karst Potential | • Low | C Medium | C High |
| Variance | • None | • Flex Hose | C Other |
| Wellhead | Conventional | • Multibowl | C Both |
| Other | □4 String Area | Capitan Reef | □ WIPP |
| Other | Fluid Filled | Cement Squeeze | Pilot Hole |
| Special Requirements | Water Disposal | COM | 🗖 Unit |

A. CASING

- 1. The **10-3/4**" surface casing shall be set at approximately **1010**' (a minimum of 25' into the Rustler Anhydrite and above the salt) and cemented to surface.
 - a. **If cement does not circulate to surface,** the appropriate BLM office shall be notified and a temperature survey utilizing an electronic type temperature survey with surface log readout will be used or a cement bond log shall be run to verify the top of the cement. Temperature survey will be run a minimum of **6 hours** after pumping cement, ideally between 8-10 hours after.
 - b. WOC time for a primary cement job will be a minimum of <u>8 hours or 500 psi</u> compressive strength, whichever is greater. This is to include the lead cement.
 - c. If cement falls back, remedial cementing will be done prior to drilling out the shoe.
 - d. WOC time for a remedial job will be a minimum of 4 hours after bringing cement to surface or 500 psi compressive strength, whichever is greater.
- 2. The **7-5/8''** intermediate casing shall be cemented to surface.
 - a. If cement does not circulate to surface, see A.1.a, c & d.
 - b. This casing must be kept at least 1/3 full at all times in order to meet BLM collapse requirements.
- 3. The **5-1/2'' and 5**" production casing shall be cemented with at least **200' tie-back** into the previous casing. Operator shall provide method of verification.

B. PRESSURE CONTROL

- 1. Minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling below the surface casing shoe shall be **5000** (**5M**) psi.
- Minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling below the intermediate casing shoe shall be 10,000 (10M) psi. Variance approved to use a 5M annular. When conducting a BOP/BOPE testhe annular shall be tested to 70% of the working pressure.
- 3. Required safety valves, with appropriate wrenches and subs for the drill string being utilized, will be in the open position and accessible on the rig floor.

DR 1/16/2020

| | PM | | | Page 39 of 53 |
|--|---|--|--|------------------------------------|
| form 3160-5 June 2015) | UNITED STATES PARTMENT OF THE IN | | OME | M APPROVED 3 NO. 1004-0137 |
| BU | JREAU OF LAND MANAG | GEMENT | 5. Lease Serial No. | |
| SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to re-enter an | | | NMNM136223 | |
| abandoned well | I. Use form 3160-3 (APL |)) for such proposals. | 6. If Indian, Allotte | ee or Tribe Name |
| SUBMIT IN T | RIPLICATE - Other inst | ructions on page 2 | 7. If Unit or CA/A | greement, Name and/or No. |
| 1. Type of Well ☐ Gas Well ☐ Othe | er | | 8. Well Name and I PITCHBLEND | ^{No.} E FED 19-30 457H |
| 2. Name of Operator COG OPERATING LLC | Contact: Contact: E-Mail: mreyes1@c | MAYTE X REYES concho.com | 9. API Well No. 30-025-45662 | 2-00-X1 |
| 3a. Address ONE CONCHO CENTER 600 MIDLAND, TX 79701-4287 |) W ILLINOIS AVENUE | 3b. Phone No. (include area coor Ph: 575-748-6945 | le) 10. Field and Pool WILDCAT;W | or Exploratory Area OLFCAMP |
| 4. Location of Well <i>(Footage, Sec., T.,</i> | , R., M., or Survey Description) | 1 | 11. County or Paris | sh, State |
| Sec 19 T25S R35E 250FNL 19 32.121922 N Lat, 103.404327 | | | LEA COUNT | Y, NM |
| 12. CHECK THE AP | PROPRIATE BOX(ES) | TO INDICATE NATURE | OF NOTICE, REPORT, OR O | THER DATA |
| TYPE OF SUBMISSION | | TYPE | OF ACTION | |
| ☑ Notice of Intent | □ Acidize | Deepen | Production (Start/Resume) | □ Water Shut-Off |
| □ Subsequent Report | ☐ Alter Casing | Hydraulic Fracturin | - | U Well Integrity |
| ☐ Final Abandonment Notice | Casing Repair Change Plans | New Construction Plug and Abandon | Recomplete Temporarily Abandon | Other Change to Original A |
| | Convert to Injection | □ Plug Back | □ Water Disposal | PD |
| Attach the Bond under which the worl following completion of the involved testing has been completed. Final Abd determined that the site is ready for fin COG Operating respectfully rea APD. Casing Changes: See attached. Formation Change: From: Fairview Mills; Bone Spr To: Wildcat; Wolfcamp C102 attached. | operations. If the operation res andonment Notices must be file nal inspection. quests approval for the fo | sults in a multiple completion or re ed only after all requirements, incl | ecompletion in a new interval, a Form a uding reclamation, have been complete | 3160-4 must be filed once |
| | | | | |
| 14. I hereby certify that the foregoing is | true and correct. | | | |
| 14. I hereby certify that the foregoing is | Electronic Submission #4 For COG (| 199109 verified by the BLM W OPERATING LLC, sent to the Sing by PRISCILLA PEREZ | e Hobbs | |
| 14. I hereby certify that the foregoing is | Electronic Submission #4 For COG (mitted to AFMSS for proce | OPERATING LLC, sent to the essing by PRISCILLA PEREZ | Vell Information System e Hobbs on 01/15/2020 (20PP0966SE) OR REGULATORY ANALYST | |
| 14. I hereby certify that the foregoing is Com Name(<i>Printed/Typed</i>) MAYTE X | Electronic Submission #4 For COG (mitted to AFMSS for proce REYES | DPERATING LLC, sent to the essing by PRISCILLA PEREZ Title SENIO | e Hobbs on 01/15/2020 (20PP0966SE) OR REGULATORY ANALYST | |
| 14. I hereby certify that the foregoing is Com | Electronic Submission #4 For COG (mitted to AFMSS for proce REYES ubmission) | DPERATING LLC, sent to the essing by PRISCILLA PEREZ Title SENIO Date 01/14 | Phobbs on 01/15/2020 (20PP0966SE) OR REGULATORY ANALYST /2020 | |
| 14. I hereby certify that the foregoing is Com Name(<i>Printed/Typed</i>) MAYTE X | Electronic Submission #4 For COG (mitted to AFMSS for proce REYES ubmission) | DPERATING LLC, sent to the essing by PRISCILLA PEREZ Title SENIO | Phobbs on 01/15/2020 (20PP0966SE) OR REGULATORY ANALYST /2020 | |
| 14. I hereby certify that the foregoing is Com Name(<i>Printed/Typed</i>) MAYTE X | Electronic Submission #4 For COG (mitted to AFMSS for proce REYES ubmission) THIS SPACE FO | DPERATING LLC, sent to the essing by PRISCILLA PEREZ Title SENIO Date 01/14 DR FEDERAL OR STATI | Phobbs on 01/15/2020 (20PP0966SE) OR REGULATORY ANALYST /2020 | Date 01/16/202 |
| 14. I hereby certify that the foregoing is Com Name(<i>Printed/Typed</i>) MAYTE X Signature (Electronic Su | Electronic Submission #4 For COG 0 mitted to AFMSS for proce REYES ubmission) THIS SPACE FO | DPERATING LLC, sent to the ssing by PRISCILLA PEREZ Title SENIO Date 01/14 Date 01/14 PR FEDERAL OR STATI | e Hobbs on 01/15/2020 (20PP0966SE) OR REGULATORY ANALYST /2020 E OFFICE USE LEUM ENGINEER | Date 01/16/202 |

(Instructions on page 2) ** BLM REVISED **

•

Revisions to Operator-Submitted EC Data for Sundry Notice #499109

| | Operator Submitted | BLM Revised (AFMSS) |
|--------------------------------|---|--|
| Sundry Type: | APDCH NOI | APDCH NOI |
| Lease: | NMNM136223 | NMNM136223 |
| Agreement: | | |
| Operator: | COG OPERATING LLC 2208 WEST MAIN STREET ARTESIA, NM 88210 Ph: 575-748-6940 | COG OPERATING LLC ONE CONCHO CENTER 600 W ILLINOIS AVENUE MIDLAND, TX 79701-4287 Ph: 432.685.4342 |
| Admin Contact: | MAYTE X REYES SENIOR REGULATORY ANALYST E-Mail: mreyes1@concho.com | MAYTE X REYES SENIOR REGULATORY ANALYST E-Mail: mreyes1@concho.com |
| | Ph: 575-748-6945 | Ph: 575-748-6945 |
| Tech Contact: | MAYTE X REYES SENIOR REGULATORY ANALYST E-Mail: mreyes1@concho.com | MAYTE X REYES SENIOR REGULATORY ANALYST E-Mail: mreyes1@concho.com |
| | Ph: 575-748-6945 | Ph: 575-748-6945 |
| Location: State: County: | NM LEA | NM LEA |
| Field/Pool: | FAIRVIEW MILLS; BS | WILDCAT;WOLFCAMP |
| Well/Facility: | PITCHBLENDE FEDERAL 19-30 457H Sec 19 T25S R35E NWNE 250FNL 1955FEL | PITCHBLENDE FED 19-30 457H Sec 19 T25S R35E 250FNL 1955FEL 32.121922 N Lat, 103.404327 W Lon |
| | | |

PECOS DISTRICT DRILLING OPERATIONS CONDITIONS OF APPROVAL EC499109

| OPERATOR'S NAME: | COG Operating LLC |
|----------------------------|--------------------------------|
| LEASE NO.: | NMNM136223 |
| WELL NAME & NO.: | Pitchblende Fed 19-30 457H |
| SURFACE HOLE FOOTAGE: | 250' FNL & 1955' FEL |
| BOTTOM HOLE FOOTAGE | 2590' FNL & 1590' FEL |
| LOCATION: | Section 19, T 25S, R 35E, NMPM |
| COUNTY: | Lea County, New Mexico |

| H2S | • Yes | C No | |
|----------------------|----------------|----------------|------------|
| Potash | None | C Secretary | C R-111-P |
| Cave/Karst Potential | • Low | C Medium | C High |
| Variance | • None | • Flex Hose | C Other |
| Wellhead | Conventional | Multibowl | C Both |
| Other | □4 String Area | Capitan Reef | □ WIPP |
| Other | Fluid Filled | Cement Squeeze | Pilot Hole |
| Special Requirements | Water Disposal | COM | 🗖 Unit |

A. CASING

- 1. The **10-3/4**" surface casing shall be set at approximately **1028**' (a minimum of 25' into the Rustler Anhydrite and above the salt) and cemented to surface.
 - a. **If cement does not circulate to surface,** the appropriate BLM office shall be notified and a temperature survey utilizing an electronic type temperature survey with surface log readout will be used or a cement bond log shall be run to verify the top of the cement. Temperature survey will be run a minimum of **6 hours** after pumping cement, ideally between 8-10 hours after.
 - b. WOC time for a primary cement job will be a minimum of <u>8 hours or 500 psi</u> compressive strength, whichever is greater. This is to include the lead cement.
 - c. If cement falls back, remedial cementing will be done prior to drilling out the shoe.
 - d. WOC time for a remedial job will be a minimum of 4 hours after bringing cement to surface or 500 psi compressive strength, whichever is greater.
- 2. The **7-5/8**" intermediate casing shall be cemented to surface.
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 - b. This casing must be kept at least 1/3 full at all times in order to meet BLM collapse requirements.
- 3. The **5-1/2'' and 5''** production casing shall be cemented with at least **200' tie-back** into the previous casing. Operator shall provide method of verification.

B. PRESSURE CONTROL

- 1. Minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling below the surface casing shoe shall be **5000** (**5M**) psi.
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- 3. Required safety valves, with appropriate wrenches and subs for the drill string being utilized, will be in the open position and accessible on the rig floor.

DR 1/16/2020

| Unite 2015) DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT OMB NO. 1004-0137 Expires: January 31, 2018 SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals. 5. Lease Serial No. NMMM136223 SUBMIT IN TRIPLICATE - Other instructions on page 2 7. If Unit or CA/Agreement, Name and/or N 1. Type of Well 8. Well] Other 8. Well Name and No. PITCHBLENDE FED 19-30 607H 2. Name of Operator COG OPERATING LLC Contact: MAYTE X REYES E-Mail: mreyes1@concho.com 9. API Well No. 30-025-458667-00-X1 3a. Address ONE CONCHO CENTER 600 W ILLINOIS AVENUE MIDLAND, TX 79701-4287 3b. Phone No. (include area code) Ph: 575-748-6945 10. Field and Pool or Exploratory Area WILDCAT;WOLFCAMP 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 11. County or Parish, State LEA COUNTY, NM 32.122475 N Lat, 103.404564 W Lon 12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION 20 Notice of Intent Checidize Deepen Production (Start/Resume) Water Shut-Or | ved by OCD: 1/11/2021 4:02:2 orm 3160-5 | <i>1 PM</i> UNITED STATES | | FOR | Page 43 of A MAPPROVED |
|---|--|---|--|---|--|
| SUNDER VIDTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to re-enter an abandroner wirk lives from 3005 (APD) for success. SUBMIT IN TRIPLEATE - Other instructions on page 2 The or Angement, Name and Ven SUBMIT IN TRIPLEATE - Other instructions on page 2 The or Angement, Name and Ven SUBMIT IN TRIPLEATE - Other instructions on page 2 The or Angement, Name and Ven SUBMIT IN TRIPLEATE - Other instructions on page 2 The or Angement, Name and Ven SUBMIT IN TRIPLEATE - Other instructions on page 2 The or Angement, Name and Ven SUBMIT IN TRIPLEATE - Other instructions on page 2 The or Angement, Name and Ven SUBMIT IN TRIPLEATE - Other instructions on page 2 The or Angement, Name and Ven SUBMIT IN TRIPLEATE - Other instructions on page 2 The or Angement, Name and Ven SUBMIT IN TRIPLEATE - Other instructions on page 2 The or Angement, Name and Ven SUBMIT IN TRIPLEATE - Other instructions on page 2 The or Angement, Name and Ven SUBMIT IN TRIPLEATE - Other instructions on page 2 The or Angement, Name and Ven Submet I page 4 | | EPARTMENT OF THE IN | | OMB | NO. 1004-0137 |
| SUBMIT IN TRIPLICATE - Other Instructions on page 2 7. If Unit or CA/Agreement, Name and/or N 1. Type of Well Go Well Gas Well Other 8. Well Name and/or N 30 OUI Vell Gas Well Other 6. Well Name and/or N 9. Aff Well No. 3. Adhres: Contact: MAYTE X REYES 9. Aff Well No. 30-0255667-00-X1 3. Adhres: Max TypTo1-1287 10. Field and Well | | | | 5. Lease Serial No. | • · · |
| Subsequent Report | | | 6. If Indian, Allotte | 6. If Indian, Allottee or Tribe Name | |
| 9 Otivall Cost Wall Cost Wall PTCHELINDE FED 19-30 607H 2 OGG OPERATING LLC E-Mail: mereyes 18 concents: MAYTE X REYES 9 APR Woll No. 30. Address Source of Coperation 10. Faid and Pool or Explanatory Area WILDLAND, IX YAPOL-4287 III. Cost YAPOL-4287 10. Faid and Pool or Explanatory Area WILDLAND, IX YAPOL-4287 III. Cost YAPOL-4287 11. Cost YAPOL-4287 4. Location of Well (Footage, Sec. T. K. M. or Survey Description) 11. Cost YAPOL-4287 4. Location of Well (Footage, Sec. T. K. M. or Survey Description) 11. Cost YAPOL-4287 32. 122475 N LLI, 103 404564 W Lon TYPE OF ACTION ILEA COUNTY, NM 22. 12475 N LLI, 103 404564 W Lon TYPE OF ACTION Water Shut-O B Notice of Intent Alter Casing Hydraulic Fracturing Reclanation B Notice of Intent Alter Casing Hydraulic Fracturing Reclanation B Notice of Completed Operation: Charly state all pertinent details, including estimated stating, date of any proposed work and approximate duration there Oticitie 10 origit PD 3. Beache Proposed or Completed Operation: Charly state all pertinent details, including estimated stating, date of any stores any for final inspection. The Babe Mon Andres Pool Andres Andres Pool And | SUBMIT IN | TRIPLICATE - Other instru | uctions on page 2 | 7. If Unit or CA/Ag | reement, Name and/or No |
| 2. Name of Operator COG OPERATING LLC E-Mail: mrwpes1 @ Contact: MAYTE X REYES 9. A Well No. 2006 OPERATING LLC E-Mail: mrwpes1 @ Contacts 0. A Addres. COG OPERATING LLC E-Mail: mrwpes1 @ Contacts 0. A Addres. 0. | •• | her | | | |
| ONE CONCHO CENTER 600 WILLINOIS AVENUE [Ph: 575-748-6945 WILDCAT;WOLFCAMP [*] 4. Location of Well (Fordage, Sec. T, R. M., <i>av. Survey Description</i>) 11. County or Parish, State Sec 19 72SS R35E 250FNL 2005FEL 21.122475 M. LEA COUNTY, NM 22.122475 N. Lat, 103.040564 W Lon LEA COUNTY, NM 12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION Subsequent Report Casing Repair New Construction Reclamation Will frequency I had bandonment Notice Change Plans Plug and Abandon Temporarily Abandon Change to Origit P10 3. Describe Proposed or Completed Operation: Clarby state all performed testics, including estimated stating due of any proposed what and approximate duration there were completed. The Machine Machine W Notice must be filed only outer all requirements, including state adverses, and measured and there were completed in the duration there were completed. The Machine Machine W Notice must be filed only outer all requirements, including estimated stating table of any proposed and completed. The Machine Machine W Notice must be filed only outer all requirements, including estimated stating of Change 1 and the operator in the duration there is a statistic of final inspection. Coc Operating respectfully requests approval for the following changes to the originally approved APD. Casing Changes: Sea attached. ForcaGO OPERATING LL | 2. Name of Operator | Contact: N | IAYTE X REYES | | ′-00-X1 |
| 4. Location of Well (Footage, Sec. T, R, M, or Survey Description) See 19 T2SS R35E 250FNL 2005FEL 32.122475 N Lat, 103.044564 W Lon 12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION 12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION 13. Describe Proposed or Completed Operation: Clearly area all performed featily, including estimated starting data of any proposed work and approximate duration thereo If the proposal is to deepen directionally or recomplete horizontally, give subsariate locations and treasared and the work and approximate duration thereo If the proposal is to deepen directionally or recomplete horizontally, give subsariate locations and neareared and the work and approximate duration thereo If the proposal is to deepen directionally or recomplete horizontally, give subsariate locations and neareared and the work and approximate duration thereo If the proposal is to deepen directionally or recomplete horizontally, give subsariate locations and neareared and the work and approximate duration thereo If the proposal is to deepen directionally or recomplete horizontally, give subsariate locations and neareared and the work and approximate duration thereo If the proposal is to deepen directionally or recomplete horizontally, give subsariate locations and neareared and the work and approximate failed within the site is ready of find inspection. COG Operating respectfully requests approval for the following changes to the originally approved APD. Casing Changes: See attached. Formation Change: From: Doggie Draw, Wolfcamp 17980 To: Wildodat Deepee Defendence Defendence Defendence Defendence Defendence Date of Production Changes Signature (Electronic Submission #499990 verified by the BLM Well Information System From: Doggie Draw, Wolfcamp 17980 To: Wildodat Deepeedence Date of Production Changes Signature (Electronic Submission #499990 verified by the BLM Well Information System From: Doggie D | ONE CONCHO CENTER 60 | 00 W ILLINOIS AVENUE | | | or Exploratory Area |
| 32.122475 N Lat, 103.404564 W Lon 12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF SUBMISSION Activation Activativation Activation Activat | | <i>F., R., M., or Survey Description)</i> | | 11. County or Paris | h, State |
| TYPE OF SUBMISSION TYPE OF ACTION State of Intent Acidize Deepen Production (Start/Resume) Water Shut-O Subsequent Report Casing Repair New Construction Recomplete Well Integrity Final Abandonment Notice Change Plans Plug and Abandon Temporarily Abandon Well Integrity 3. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated stating date of any proposed work and approximate duration thereo The proposal is to deepen directionally or recomplete horizontally, give substrate locations and measured and the vertical depts of all pertinent markers and zones Attach the Bound under which here work will be pertations. Clearly state all pertinent markers and zones The operations. The vork will be pertation in a new interval, a Form 3160-4 must be filed one determined that the site is ready for final inspection. COG Operating respectfully requests approval for the following changes to the originally approved APD. Casing Changes: See attached. Formation Change: See attached. Form: Degle Draw: Wolfcamp 17980 Tale To: WildCat; Bone Spring Cold PERATING by the BLM Well Information System For Cool Operations in a set in the holds Form 200 OPERATING by the BLM Well Information System For Cool Operations in a set in the holds Date 01/14/2020 <td></td> <td></td> <td></td> <td>LEA COUNTY</td> <td>ζ, NM</td> | | | | LEA COUNTY | ζ, NM |
| Acidize Deepen Production (Start/Resume) Water Shut-O Subsequent Report Casing Production (Start/Resume) Water Shut-O Casing Repair New Construction Recomplete Change Plans Plug and Abandon Temporarily Abandon Pung Back Complete Change Plans Plug and Abandon Temporarily Abandon PD Sobserver to Injection Plug Back Complete Change Vata all pertinent details, including estimated starting date of any proposed work and approximate duration thereo If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and nucler which the work will be performed or provide the Bond No. on file with BLMRURA. Required subsequent reports must be filed once testing has been completed. Therai Abandoment Notices must be filed only after all requirements, including reclamation, have been completed and the operator. COG Operating respectfully requests approval for the following changes to the originally approved APD. Casing Changes: See attached. Formation Change: From: Doggie Draw: Wolfcamp 17980 To: WidCat; Bone Spring Committed to AFMSS for processing by PRI SciLLA PEREZ on 01/15/2020 (20PP0962SE)) Name(Printed/Typed) MAYTE X REYES Title SENIOR REGULATORY ANALYST Signature (Electronic Submission #499090 verified by the BLM Well Information System For COG OPERATING LLC; sent to the Hobbs Committed to AFMSS for processing by PRI SciLLA PEREZ on 01/15/2020 (20PP0962SE)) Name(Printed/Typed) MAYTE X REYES Title SENIOR REGULATORY ANALYST Signature (Electronic Submission #499090 verified by the BLM Well Information System For OCO OPERATING LLC; sent to the Hobbs Committed to AFMSS for processing by PRI SciLLA PEREZ on 01/15/2020 (20PP0962SE)) Name(Printed/Typed) MAYTE X REYES Title SENIOR REGULATORY ANALYST Signature (Electronic Submission) Date 01/14/2020 THIS SPACE FOR FEDERAL OR STATE OFFICE USE Apgroved May_or attached, Approved | 12. CHECK THE A | PPROPRIATE BOX(ES) T | O INDICATE NATURE O | F NOTICE, REPORT, OR O | THER DATA |
| Notice of Intent Alter Casing Hydraulic Fracturing Reclamation Well Integrity Subsequent Report Casing Repair New Construction Recomplete Gother Final Abandonment Notice Change Plans Plug and Abandon Temporarily Abandon Proposed work and approximate duration thereo 13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereo The performed or provide the food No. on file with BLMBLA. Required subsequent reports must be file during atternation in a new interval, a Form 3160-4 must be file during of the work will be performed or provide the food No. on file with BLMBLA. Required subsequent reports must be filed only after all requirements, including reclamation, have been completed. How only will be performed or provide the food No. on file with BLMBLA. Required subsequent reports must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection. COG Operating respectfully requests approval for the following changes to the originally approved APD. Casing Changes: See attached. Formation Change: For COG OPERATING LLC, sent to the Hobbs Committed to AFMSS for processing by PR SCILLA PEREZ on 01/15/2020 (20PP0962SE) Name(Printed/Typed) Name (Printed/Typed) MAYTE X REYES Title SENIOR REGULATORY ANALYST Signature (Electronic S | TYPE OF SUBMISSION | | TYPE OF | FACTION | |
| Image: Subsequent Report Image: Subseque | Notice of Intent | □ Acidize | Deepen | □ Production (Start/Resume) | U Water Shut-Of |
| Casing repair Change Plans Plug and Abandon Temporarily Abandon Convert to Injection Plug and Abandon Temporarily Abandon Temporarily Abandon Temporarily Abandon Change Plans Plug and Abandon Temporarily Abandon Temp | — | - | _ ; ¢ | _ | U Well Integrity |
| Charge Prans Convert to Injection Plug Back Water Disposal Convert to Injection Convert to Injection Plug Back Water Disposal Convert to Injection Charge Prans Convert to Injection Plug Back Water Disposal Convert to Injection Convert to Injection Plug Back Water Disposal Convert to Injection Convert to Injection Plug Back Water Disposal Convert to Injection Plug Back Water Disposal Convert to Injection Convet | | | — | - 1 | |
| If the proposit is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones Attach the bond under which the work will be performed or provide the Bond No. on file with BLM/BLA. Required subsequent reports must be filed vinitin 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed vinitin 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed viniting determined that the site is ready for final inspection. COG Operating respectfully requests approval for the following changes to the originally approved APD. Casing Changes: See attached. Formation Change: From: Doggie Draw; Wolfcarmp 17980 To: Wildcat; Bone Spring C102 attached. 14. 1 hereby certify that the foregoing is true and correct. Electronic Submission #499090 verified by the BLM Well Information System For COG OPERATING LC, sent to the Hobbs Committed to AFMSS for processing by PRSCILLA PEREZ on 01/15/2020 (20PP0962SE) Name (<i>PrintedTyped</i>) MAYTE X REYES Title SENCOR FEDERAL OR STATE OFFICE USE Approved By_DYLAN ROSSMANGQ Title to this source and on the subject lease hich would entitle the applicant to conduct operations thereon. Office Hobbss | ☐ Final Abandonment Notice | | - | | |
| Casing Changes: See attached. Formation Change: From: Doggie Draw; Wolfcamp 17980 To: Wildcat; Bone Spring C102 attached. 14. I hereby certify that the foregoing is true and correct. Electronic Submission #499090 verified by the BLM Well Information System For COG OPERATING LC, sent to the Hobbs Committed to AFMSS for processing by PR SCILLA PEREZ on 01/15/2020 (20PP0962SE) Name(Printed/Typed) MAYTE X REYES Signature (Electronic Submission) Date 01/14/2020 THIS SPACE FOR FEDERAL OR STATE OFFICE USE Approved By_DYLAN_RQSSMANGQ Title_PETROLEUM ENGINEER Date 01/16/ Onditions of approval, if any, are attached. Approval of this notice does not warrant or rithy that the applicant holds legal or equitable title to those rights in the subject lease thet would entitle the applicant to conduct operations thereon. | Attach the Bond under which the wo following completion of the involved testing has been completed. Final Al determined that the site is ready for f COG Operating respectfully re | rk will be performed or provide th l operations. If the operation resu bandonment Notices must be filed inal inspection. | e Bond No. on file with BLM/BIA Its in a multiple completion or recc only after all requirements, includ | Required subsequent reports must mpletion in a new interval, a Form 3 ing reclamation, have been complete | be filed within 30 days 160-4 must be filed once |
| See attached. Formation Change: From: Doggie Draw; Wolfcamp 17980 To: Wildcat; Bone Spring C102 attached. 14. Thereby certify that the foregoing is true and correct. Electronic Submission #499090 verified by the BLM Well Information System For COG OPERATING LLC; sent to the Hobbs Committed to AFMSS for processing by PRSCILLA PEREZ on 01/15/2020 (20PP0962SE) Name(Printed/Typed) MAYTE X REYES Signature (Electronic Submission) Date 01/14/2020 Title SENIOR REGULATORY ANALYST Signature (Electronic Submission) Date Other State OFFICE USE Title PETROLEUM ENGINEER Date 01/16/ Orditions of approval, if any, are attached. Approval of this notice does not warrant or ritry that the applicant holds legal or equitable title to those rights in the subject lease thich would entitle the applicant to conduct operations thereon. Office Hobbs | | | | | |
| From: Doggie Draw; Wolfcamp 17980 To: Wildcat; Bone Spring C102 attached. 14. I hereby certify that the foregoing is true and correct. Electronic Submission #499090 verified by the BLM Well Information System For COG OPERATING LLC, sent to the Hobbs Committed to AFMSS for processing by PR SCILLA PEREZ on 01/15/2020 (20PP0962SE) Name (Printed/Typed) MAYTE X REYES Title SENIOR REGULATORY ANALYST Signature (Electronic Submission) Date 01/14/2020 THIS SPACE FOR FEDERAL OR STATE OFFICE USE Approved By_DYLAN ROSSMANGO TitlePETROLEUM ENGINEER Date 01/16/ Onditions of approval, if any, are attached. Approval of this notice does not warrant or rifly that the applicant holds legal or equitable title to those rights in the subject lease hich would entitle the applicant to conduct operations thereon. Date Office Hobbs | Casing Changes: See attached. | | | | |
| Electronic Submission #499090 verified by the BLM Well Information System For COG OPERATING LC, sent to the Hobbs Committed to AFMSS for processing by PRISCILLA PEREZ on 01/15/2020 (20PP0962SE) Name (Printed/Typed) MAYTE X REYES Title SENIOR REGULATORY ANALYST Signature (Electronic Submission) Date 01/14/2020 THIS SPACE FOR FEDERAL OR STATE OFFICE USE Approved By_DYLAN ROSSMANGQ TitlePETROLEUM ENGINEER Date 01/16/ Conditions of approval, if any, are attached. Approval of this notice does not warrant or ertify that the applicant holds legal or equitable title to those rights in the subject lease thich would entitle the applicant to conduct operations thereon. Office Hobbs | From: Doggie Draw; Wolfcam To: Wildcat; Bone Spring | p 17980 | | | |
| Electronic Submission #499090 verified by the BLM Well Information System For COG OPERATING LC, sent to the Hobbs Committed to AFMSS for processing by PRISCILLA PEREZ on 01/15/2020 (20PP0962SE) Name (Printed/Typed) MAYTE X REYES Title SENIOR REGULATORY ANALYST Signature (Electronic Submission) Date 01/14/2020 THIS SPACE FOR FEDERAL OR STATE OFFICE USE Approved By_DYLAN ROSSMANGQ TitlePETROLEUM ENGINEER Date 01/16/ Conditions of approval, if any, are attached. Approval of this notice does not warrant or ertify that the applicant holds legal or equitable title to those rights in the subject lease thich would entitle the applicant to conduct operations thereon. Office Hobbs | 14. I hereby certify that the foregoing i | s true and correct | | | |
| Name (Printed/Typed) MAYTE X REYES Title SENIOR REGULATORY ANALYST Signature (Electronic Submission) Date 01/14/2020 THIS SPACE FOR FEDERAL OR STATE OFFICE USE Approved By_DYLAN ROSSMANGO TitlePETROLEUM ENGINEER Date 01/16/ Onditions of approval, if any, are attached. Approval of this notice does not warrant or ertify that the applicant holds legal or equitable title to those rights in the subject lease hich would entitle the applicant to conduct operations thereon. Office Hobbs | | Electronic Submission #49 For COG O | PERATING LLC, sent to the H | lobbs | |
| THIS SPACE FOR FEDERAL OR STATE OFFICE USE Approved By_DYLAN ROSSMANGO TitlePETROLEUM ENGINEER Date 01/16/ Conditions of approval, if any, are attached. Approval of this notice does not warrant or ertify that the applicant holds legal or equitable title to those rights in the subject lease thich would entitle the applicant to conduct operations thereon. Office Hobbs | | · · · · · | | · · · | |
| THIS SPACE FOR FEDERAL OR STATE OFFICE USE Approved By_DYLAN ROSSMANGO TitlePETROLEUM ENGINEER Date 01/16/ Conditions of approval, if any, are attached. Approval of this notice does not warrant or ertify that the applicant holds legal or equitable title to those rights in the subject lease thich would entitle the applicant to conduct operations thereon. Office Hobbs | Signature (Electronic) | Submission) | Date 01/14/2 | 020 | |
| conditions of approval, if any, are attached. Approval of this notice does not warrant or ertify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. Office Hobbs | | , | | | |
| conditions of approval, if any, are attached. Approval of this notice does not warrant or ertify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. Office Hobbs | | 60 | | | Date 01/16/ |
| Thich would entitle the applicant to conduct operations thereon. Office Hobbs | Conditions of approval, if any, are attached | ed. Approval of this notice does n | ot warrant or | | Date 01/10/ |
| | ertify that the applicant holds legal or equ | uitable title to those rights in the s | ubject lease | | |

(Instructions on page 2) ** BLM REVISED **

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Revisions to Operator-Submitted EC Data for Sundry Notice #499090

| | Operator Submitted | BLM Revised (AFMSS) |
|--------------------------------|---|--|
| Sundry Type: | APDCH NOI | APDCH NOI |
| Lease: | NMNM136223 | NMNM136223 |
| Agreement: | | |
| Operator: | COG OPERATING LLC 2208 WEST MAIN STREET ARTESIA, NM 88210 Ph: 575-748-6940 | COG OPERATING LLC ONE CONCHO CENTER 600 W ILLINOIS AVENUE MIDLAND, TX 79701-4287 Ph: 432.685.4342 |
| Admin Contact: | MAYTE X REYES SENIOR REGULATORY ANALYST E-Mail: mreyes1@concho.com | MAYTE X REYES SENIOR REGULATORY ANALYST E-Mail: mreyes1@concho.com |
| | Ph: 575-748-6945 | Ph: 575-748-6945 |
| Tech Contact: | MAYTE X REYES SENIOR REGULATORY ANALYST E-Mail: mreyes1@concho.com | MAYTE X REYES SENIOR REGULATORY ANALYST E-Mail: mreyes1@concho.com |
| | Ph: 575-748-6945 | Ph: 575-748-6945 |
| Location: State: County: | NM LEA | NM LEA |
| Field/Pool: | WILDCAT; BONE SPRING | WILDCAT;WOLFCAMP |
| Well/Facility: | PITCHBLENDE FEDERAL 19-30 607H Sec 19 T25S R35E NWNE 250FNL 2005FEL | PITCHBLENDE FED 19-30 607H Sec 19 T25S R35E 250FNL 2005FEL 32.122475 N Lat, 103.404564 W Lon |
| | | |

PECOS DISTRICT DRILLING OPERATIONS CONDITIONS OF APPROVAL EC499090

| OPERATOR'S NAME: | COG Operating LLC |
|----------------------------|--------------------------------|
| LEASE NO.: | NMNM136223 |
| WELL NAME & NO.: | Pitchblende Fed 19-30 607H |
| SURFACE HOLE FOOTAGE: | 250' FNL & 2005' FEL |
| BOTTOM HOLE FOOTAGE | 2590' FNL & 2010' FEL |
| LOCATION: | Section 19, T 25S, R 35E, NMPM |
| COUNTY: | Lea County, New Mexico |

| H2S | • Yes | C No | |
|----------------------|----------------|----------------|------------|
| Potash | None | C Secretary | C R-111-P |
| Cave/Karst Potential | • Low | C Medium | C High |
| Variance | • None | • Flex Hose | C Other |
| Wellhead | Conventional | Multibowl | C Both |
| Other | □4 String Area | Capitan Reef | □ WIPP |
| Other | Fluid Filled | Cement Squeeze | Pilot Hole |
| Special Requirements | Water Disposal | COM | 🗖 Unit |

A. CASING

- 1. The **10-3/4**" surface casing shall be set at approximately **1028**' (a minimum of 25' into the Rustler Anhydrite and above the salt) and cemented to surface.
 - a. **If cement does not circulate to surface,** the appropriate BLM office shall be notified and a temperature survey utilizing an electronic type temperature survey with surface log readout will be used or a cement bond log shall be run to verify the top of the cement. Temperature survey will be run a minimum of **6 hours** after pumping cement, ideally between 8-10 hours after.
 - b. WOC time for a primary cement job will be a minimum of <u>8 hours or 500 psi</u> compressive strength, whichever is greater. This is to include the lead cement.
 - c. If cement falls back, remedial cementing will be done prior to drilling out the shoe.
 - d. WOC time for a remedial job will be a minimum of 4 hours after bringing cement to surface or 500 psi compressive strength, whichever is greater.
- 2. The **7-5/8''** intermediate casing shall be cemented to surface.
 - a. If cement does not circulate to surface, see A.1.a, c & d.
 - b. This casing must be kept at least 1/3 full at all times in order to meet BLM collapse requirements.
- 3. The **5-1/2'' and 5''** production casing shall be cemented with at least **200' tie-back** into the previous casing. Operator shall provide method of verification.

B. PRESSURE CONTROL

- 1. Minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling below the surface casing shoe shall be **5000** (**5M**) psi.
- Minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling below the intermediate casing shoe shall be 10,000 (10M) psi. Variance approved to use a 5M annular. When conducting a BOP/BOPE testhe annular shall be tested to 70% of the working pressure.
- 3. Required safety valves, with appropriate wrenches and subs for the drill string being utilized, will be in the open position and accessible on the rig floor.

DR 1/16/2020

| From: | Engineer, OCD, EMNRD |
|--------------|--|
| To: | Jeanette Barron |
| Cc: | <u>McClure, Dean, EMNRD; Bratcher, Mike, EMNRD; Kautz, Paul, EMNRD; lisa@rwbyram.com; Glover, James;</u> kparadis@blm.gov; Walls, Christopher |
| Subject: | Approved Administrative Order PC-1389 |
| Date: | Friday, January 22, 2021 10:54:42 AM |
| Attachments: | PC1389 Order.pdf |

NMOCD has issued Administrative Order PC-1389 which authorizes COG Operating, LLC (229137) to surface commingle or off-lease measure, as applicable, the following wells:

| Well API | Well Name | Location (NMPM) | Pool Code |
|--------------|---------------------------------|-----------------|-----------|
| 30-025-45652 | Pitchblende 19 30 Federal #37H | B-19-25S-35E | 17980 |
| 30-025-45653 | Pitchblende 19 30 Federal #38H | A-19-25S-35E | 96340 |
| 30-025-45656 | Pitchblende 19 30 Federal #208H | A-19-25S-35E | 17980 |
| 30-025-45658 | Pitchblende 19 30 Federal #358H | A-19-25S-35E | 96340 |
| 30-025-45662 | Pitchblende 19 30 Federal #457H | B-19-25S-35E | 17980 |
| 30-025-45667 | Pitchblende 19 30 Federal #607H | B-19-25S-35E | 96340 |

The administrative order is attached to this email and can also be found online at OCD Imaging.

Please review the content of the order to ensure you are familiar with the authorities granted and any conditions of approval.

Dean McClure Petroleum Engineer, Oil Conservation Division New Mexico Energy, Minerals and Natural Resources Department (505) 469-8211

| | | tural Resources Department | | | |
|-----------------------|-------------------|---|---------------------|--|--|
| | | otice | | | |
| | Order: PC- | | | | |
| | | G Operating, LLC (229137) | | | |
| | Publication Date: | 4/2024 | | | |
| | Date Sent: 1/1 | | | | |
| Data | | d Persons | | | |
| Date 1/15/2021 BLM | Person | Certified Tracking Number 7017 3040 0000 1206 4692 | Status Delivered | | |
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STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION

APPLICATION FOR SURFACE COMMINGLING SUBMITTED BY COG OPERATING, LLC

ORDER NO. PC-1389

ORDER

The Director of the New Mexico Oil Conservation Division ("OCD"), having considered the application and the recommendation of the OCD Engineering Bureau, issues the following Order.

FINDINGS OF FACT

- 1. COG Operating, LLC ("Operator") submitted a complete application to surface commingle and off-lease measure the oil and gas production ("Application") from the pools, leases, and wells identified in Exhibit A.
- 2. To the extent that ownership is identical, Operator submitted a certification by a licensed attorney or qualified petroleum landman that the ownership in the pools, leases, and wells to be commingled is identical as defined in 19.15.12.7(B) NMAC.
- 3. Operator proposed a method to allocate the oil and gas production to the pools, leases, and wells to be commingled.
- 4. To the extent that ownership is diverse, Operator provided notice of the Application to all persons owning an interest in the oil and gas production to be commingled, including the owners of royalty and overriding royalty interests, regardless of whether they have a right or option to take their interests in kind, and those persons either submitted a written waiver or did not file an objection to the Application.
- 5. Operator provided notice of the Application to the Bureau of Land Management ("BLM") or New Mexico State Land Office ("NMSLO"), as applicable.
- 6. Operator certified the commingling of oil and gas production from the pools, leases, and wells will not in reasonable probability reduce the value of the oil and gas production to less than if it had remained segregated.

CONCLUSIONS OF LAW

- 7. OCD has jurisdiction to issue this Order pursuant to the Oil and Gas Act, NMSA 1978, §§ 70-2-6, 70-2-11, 70-2-12, 70-2-16, and 70-2-17, and 19.15.12 NMAC.
- 8. Operator satisfied the notice requirements for the Application in accordance with 19.15.12.10(A)(2), (C)(4)(c), and (C)(4)(e) NMAC, as applicable.
- 9. Operator's proposed method of allocation, as modified herein, complies with 19.15.12.10(B)(1) or (C)(1) NMAC, as applicable.

Order No. PC-1389

- 10. Commingling of oil and gas production from state, federal, or tribal leases shall not commence until approved by the BLM or NMSLO, as applicable, in accordance with 19.15.12.10(B)(3) and (C)(4)(h) NMAC.
- 11. By granting the Application with the conditions specified below, this Order prevents waste and protects correlative rights, public health, and the environment.

ORDER

- 1. Operator is authorized to surface commingle and off-lease measure oil and gas production from the pools, leases, and wells identified in Exhibit A.
- 2. The oil and gas production for each well identified in Exhibit A shall be separated and metered prior to commingling.
- 3. Operator shall measure the commingled oil at a central tank battery described in Exhibit A in accordance with 19.15.18.15 NMAC or 19.15.23.8 NMAC.
- 4. Operator shall measure the commingled gas at a central delivery point or central tank battery described in Exhibit A in accordance with 19.15.19.9 NMAC, provided however that if the gas is flared, and regardless of whether OCD has granted an exception pursuant to 19.15.18.12(B) NMAC, Operator shall report the gas in accordance with 19.15.18.12(F) NMAC.
- 5. Operator shall calibrate the meters used to measure or allocate oil and gas production in accordance with 19.15.12.10(C)(2) NMAC.
- 6. If the commingling of oil and gas production from any pool, lease, or well reduces the value of the commingled oil and gas production to less than if it had remained segregated, no later than sixty (60) days after the decrease in value has occurred Operator shall submit a new surface commingling application to OCD to amend this Order to remove the pool, lease, or well whose oil and gas production caused the decrease in value. If Operator fails to submit a new application, this Order shall terminate on the following day, and if OCD denies the application, this Order shall terminate on the date of such action.
- 7. Operator shall not commence commingling oil or gas production from state, federal, or tribal leases until approved by the BLM or NMSLO, as applicable.
- 8. OCD retains jurisdiction and reserves the right to modify or revoke this Order as it deems necessary to prevent waste or protect correlative rights, public health, or the environment.

Order No. PC-1389

STATE OF NEW MEXICO OIL CONSERVATION DIVISION

ADRIENN SANDOVAL

DATE: 1/20/2021

AS/dm

DIRECTOR

Order No. PC-1389

.

State of New Mexico Energy, Minerals and Natural Resources Department

Exhibit A

Order: PC-1389

Operator: COG Operating, LLC (229137)

Central Tank Battery: Pitchblende Federal 19 A Central Tank Battery

Central Tank Battery Location (NMPM): Unit A, Section 19, Township 25 South, Range 35 East

Central Tank Battery: Red Hills Offload Station

Central Tank Battery Location (NMPM): Unit O, Section 4, Township 26 South, Range 32 East Central Tank Battery: Jal Offload Station

Central Tank Battery Location (NMPM): Unit D, Section 4, Township 26 South, Range 37 East

Gas Custody Transfer Meter Location (NMPM): Unit A, Section 19, Township 25 South, Range 35 East

| Pool Code | |
|-----------|-------|
| 96340 | |
| 17980 | |
| | 96340 |

| Leases as defined in 19.15.12.7(C) NMAC | | | | |
|---|-------------------------|-----------|--|--|
| Lease | Location (NMPM) | | | |
| NMNM 136223 | E/2 Sec 19, NE/4 Sec 30 | T25S-R35E | | |
| | | | | |
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| Wells | | | |
|--------------|---------------------------------|-----------------|-----------|
| Well API | Well Name | Location (NMPM) | Pool Code |
| 30-025-45652 | Pitchblende 19 30 Federal #37H | B-19-25S-35E | 17980 |
| 30-025-45653 | Pitchblende 19 30 Federal #38H | A-19-25S-35E | 96340 |
| 30-025-45656 | Pitchblende 19 30 Federal #208H | A-19-25S-35E | 17980 |
| 30-025-45658 | Pitchblende 19 30 Federal #358H | A-19-25S-35E | 96340 |
| 30-025-45662 | Pitchblende 19 30 Federal #457H | B-19-25S-35E | 17980 |
| 30-025-45667 | Pitchblende 19 30 Federal #607H | B-19-25S-35E | 96340 |

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District I 1625 N. French Dr., Hobbs, NM 88240

District II

District IV

Phone:(575) 393-6161 Fax:(575) 393-0720

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

District III 1000 Rio Brazos Rd., Aztec, NM 87410

| CONDITIO | NS |
|----------|----|

Action 14439

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

CONDITIONS OF APPROVAL

| Operator: | | | | OGRID: | Action Number: | Action Type: |
|--------------|---------------------|-----------------------------------|--|---------------------------------|----------------|--------------|
| COG OPE | ERATING LLC | 600 W Illinois Ave | Midland, TX79701 | 229137 | 14439 | C-107B |
| | | | | | | |
| OCD Reviewer | Condition | | | | | |
| dmcclure | Please review the c | content of the order to ensure vo | ou are familiar with the authorities granted | and any conditions of approval. | | |