

RECEIVED: 12/20/2018	REVIEWER: MAN	TYPE: OLM	APP NO: DYNAMI8354 60391
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ABOVE THIS TABLE FOR OCD DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
 - Geological & Engineering Bureau -
 1220 South St. Francis Drive, Santa Fe, NM 87505



ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Applicant: COG OPERATING, LLC	OGRID Number: 229137
Well Name: PUDGE FEDERAL #21H	API: 30-015-45045
Pool: ROCKSPUR; BONE SPRING	Pool Code: 52775

SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED BELOW

- 1) **TYPE OF APPLICATION:** Check those which apply for [A]
- A. Location - Spacing Unit - Simultaneous Dedication
 NSL NSP (PROJECT AREA) NSP (PRORATION UNIT) SD
- B. Check one only for [I] or [II]
- [I] Commingling - Storage - Measurement
 DHC CTB PLC PC OLS OLM
- [II] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
 WFX PMX SWD IPI EOR PPR

OLM-162

- 2) **NOTIFICATION REQUIRED TO:** Check those which apply.
- A. Offset operators or lease holders
 B. Royalty, overriding royalty owners, revenue owners
 C. Application requires published notice
 D. Notification and/or concurrent approval by SLO
 E. Notification and/or concurrent approval by BLM
 F. Surface owner
 G. For all of the above, proof of notification or publication is attached, and/or
 H. No notice required

FOR OCD ONLY	
<input type="checkbox"/>	Notice Complete
<input type="checkbox"/>	Application Content Complete

3) **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate and complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

BOBBIE J GOODLOE

Print or Type Name

Bobbie J Goodloe
Signature

12-20-18
Date

575-748-6952
Phone Number

bgoodloe@concho.com
e-mail Address



December 20, 2018

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

Re: Application for Administrative Approval
Off-lease Measurement – Oil and Gas

Dear Mr. McMillan,

COG Operating, LLC, respectfully requests approval for Off-lease Measurement for both oil and gas for the following well:

Pudge Federal #21H
API #30-015-45045
Rockspur; Bone Spring
SHL 615' FSL 780' FEL, Sec. 31-T25S-R29E
BHL 239' FSL 330' FEL, Sec. 6-T26S-R29E
Eddy County

The oil production from this well may 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. Oil will remain segregated and will be measured by lact meter when offloading at the Offload Stations. Notices have been sent to all interest owners as required.

The gas production from this well is measured by allocation meter prior to leaving its lease and then measured and sold off lease at the ETC sales meter in the NE4/NE4 of Sec 08-T26S-R29E.

Also, please see the attached Administrative Application Checklist, plats for referenced wells, proof of notice to interest owners, diagrams of site facility, maps with lease boundaries showing well and facility locations.

Thank you for your attention to this matter.

Sincerely,

A handwritten signature in black ink that reads "Bobbie Goodloe".

Bobbie Goodloe
Regulatory Analyst
Enclosures

DISTRICT I
1625 N. FRENCH DR., HOBBS, NM 88240
Phone: (575) 963-6151 Fax: (575) 953-9720

DISTRICT II
511 S. FIRST ST., ARTESIA, NM 88210
Phone: (575) 748-1223 Fax: (575) 748-9720

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

DISTRICT IV
1220 S. ST. FRANCIS DR., SANTA FE, NM 87503
Phone: (505) 476-3400 Fax: (505) 476-3463

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

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-45045	Pool Code 52775	Pool Name Rockspur; Bone Spring
Property Code 321562	Property Name PUDGE FEDERAL	Well Number 21H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 2938.6'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	31	25-S	29-E		615	SOUTH	780	EAST	EDDY

Bottom Hole Location If Different From Surface

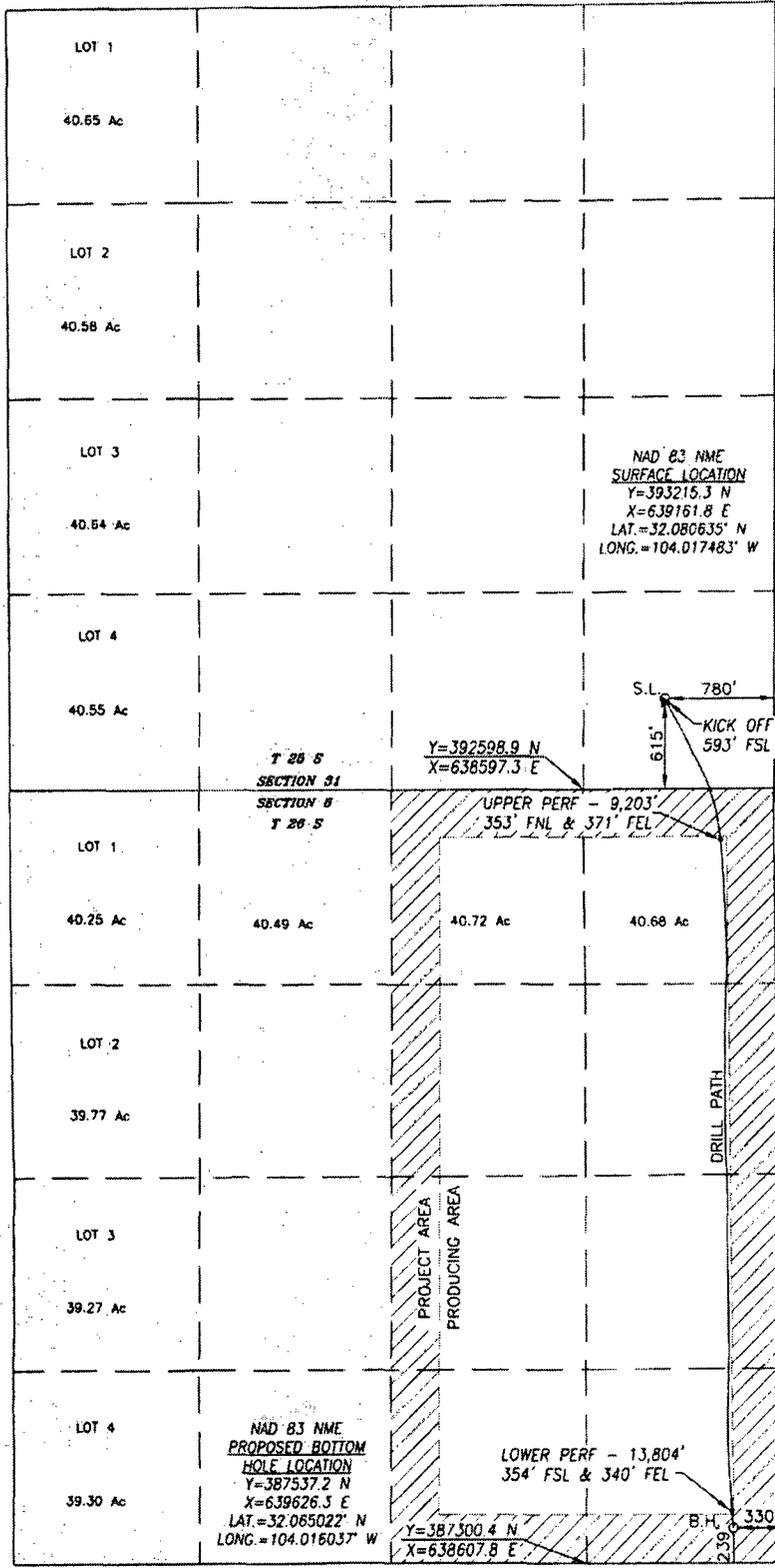
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	6	26-S	29-E		239	SOUTH	330	EAST	EDDY

Dedicated Acres 320	Joint or Infill	Consolidation Code	Order No.
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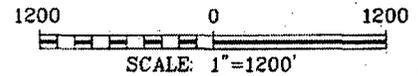
**NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION**

SEE PAGE 2

Property Code	Property Name PUDGE FEDERAL	Well Number 21H
OGRID No.	Operator Name COG OPERATING, LLC	Elevation 2938.6'



BOREPATH SHOWN HEREON IS BASED ON DIRECTIONAL SURVEY REPORT PROVIDED BY * FOR THE * SUPPLIED TO HARGROW SURVEYING, LLC ON MONTH DAY, YEAR



OPERATOR CERTIFICATION

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

Bobbie Goodloe 12/17/18
Signature Date

Bobbie Goodloe
Printed Name

bgoodloe@concho.com
E-mail Address

SURVEYOR CERTIFICATION

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

MAR. 30, 2017/JULY 14, 2018
Date of Survey/Date of Geographic Survey

Signature & Seal of Professional Surveyor



Chad Hargrow 12/4/18
Certificate No. CHAD HARGROW 17777

Pudge Federal #21H

Legend

-  Pudge Fed #21H -
-  Pudge Fed #21H-ETC Gas Sales Meter #57350

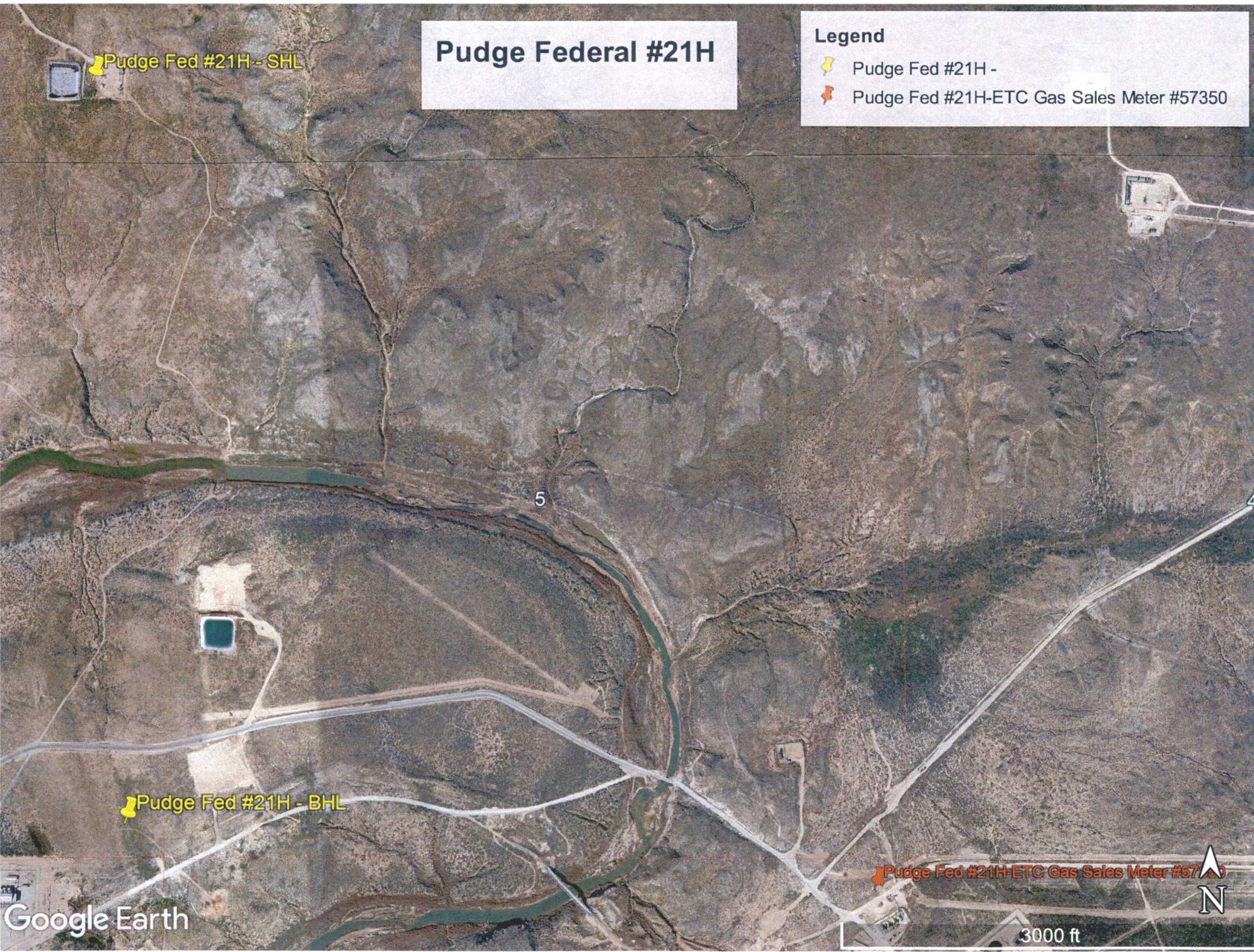
 Pudge Fed #21H - SHL

 Pudge Fed #21H - BHL

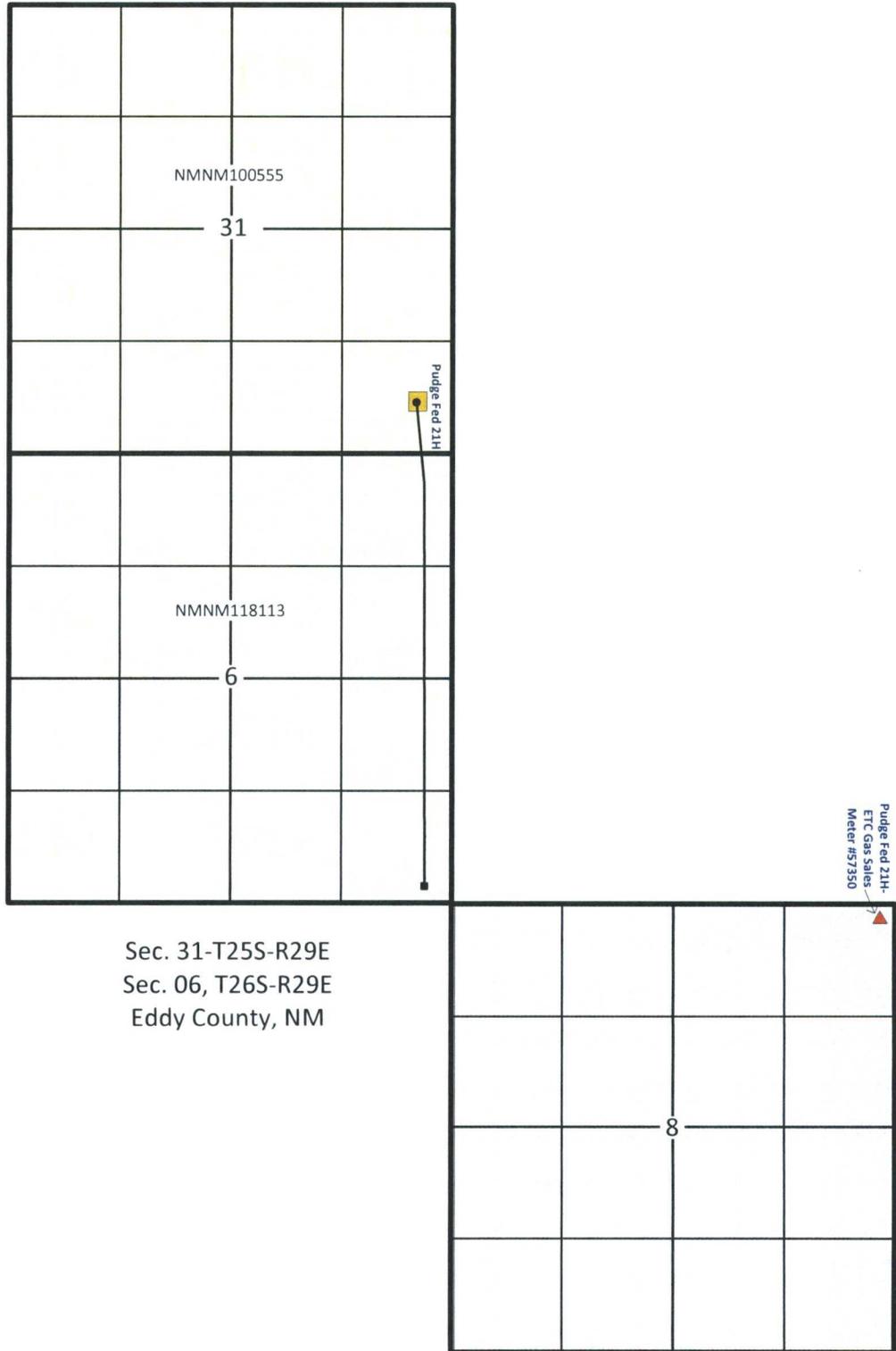
 Pudge Fed #21H-ETC Gas Sales Meter #57350

Google Earth

3000 ft



PUDGE FEDERAL #21H Lease Map



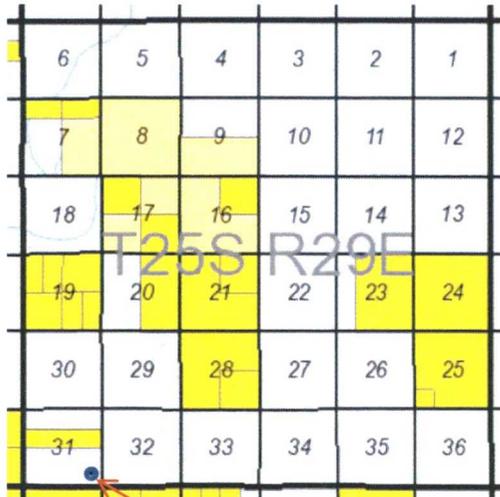
Sec. 31-T25S-R29E
Sec. 06, T26S-R29E
Eddy County, NM

Sec. 08, T26S-R29E
Eddy County, NM

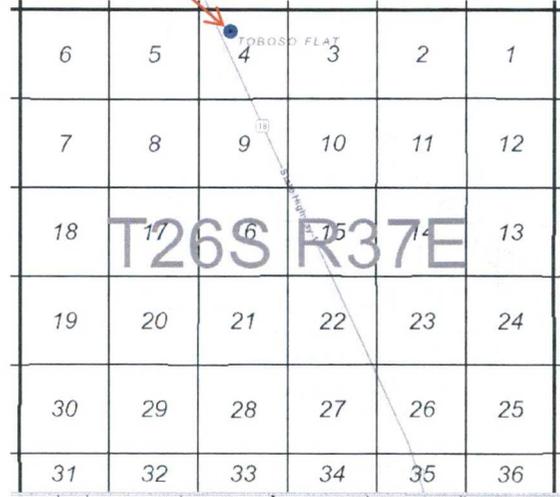
Pudge Federal #21H & Red Hills and Jal Offload Station Map

Red Hills Offload Station
Lea County, NM

Jal Offload Station
Lea County, NM



Pudge Federal #21H
Eddy County, NM



30-015-45045 PUDGE FEDERAL #021H [321562]

General Well Information

Operator: [229137] COG OPERATING LLC
Status: New
Well Type: Gas
Work Type: New
Direction: Horizontal
Multi-Lateral: No
Mineral Owner: Federal
Surface Owner: Federal
Surface Location: P-31-25S-29E 615 FSL 760 FEL
Lat/Long: 32.080635,-104.017483 NAD83
GL Elevation: 2936
KB Elevation:
DF Elevation:
Sing/Mult Compl: Single
Potash Waiver: False

Earliest Production in OCD Records: 9/2018 **Last** 10/2018 [Show All Production](#) [Export to Excel](#)

Time Frame	Production				Injection				
	Oil(BBLS)	Gas(MCF)	Water (BBLS)	Days P/I	Water (BBLS)	Co2(MCF)	Gas(MCF)	Other	Pressure
<input checked="" type="checkbox"/> 2018									
ROCK SPUR;BONE SPRING									
Sep	8947	18712	16604	10	0	0	0	0	0
Oct	36171	71286	41608	31	0	0	0	0	0

PUDGE FEDERAL #21H BATTERY
SECTION 31, T25S, R29E, UNIT P
COORDS: 32.080635, -104.017483
EDDY COUNTY, NM

WELLS:
PUDGE FEDERAL #021H: 30-015-45045

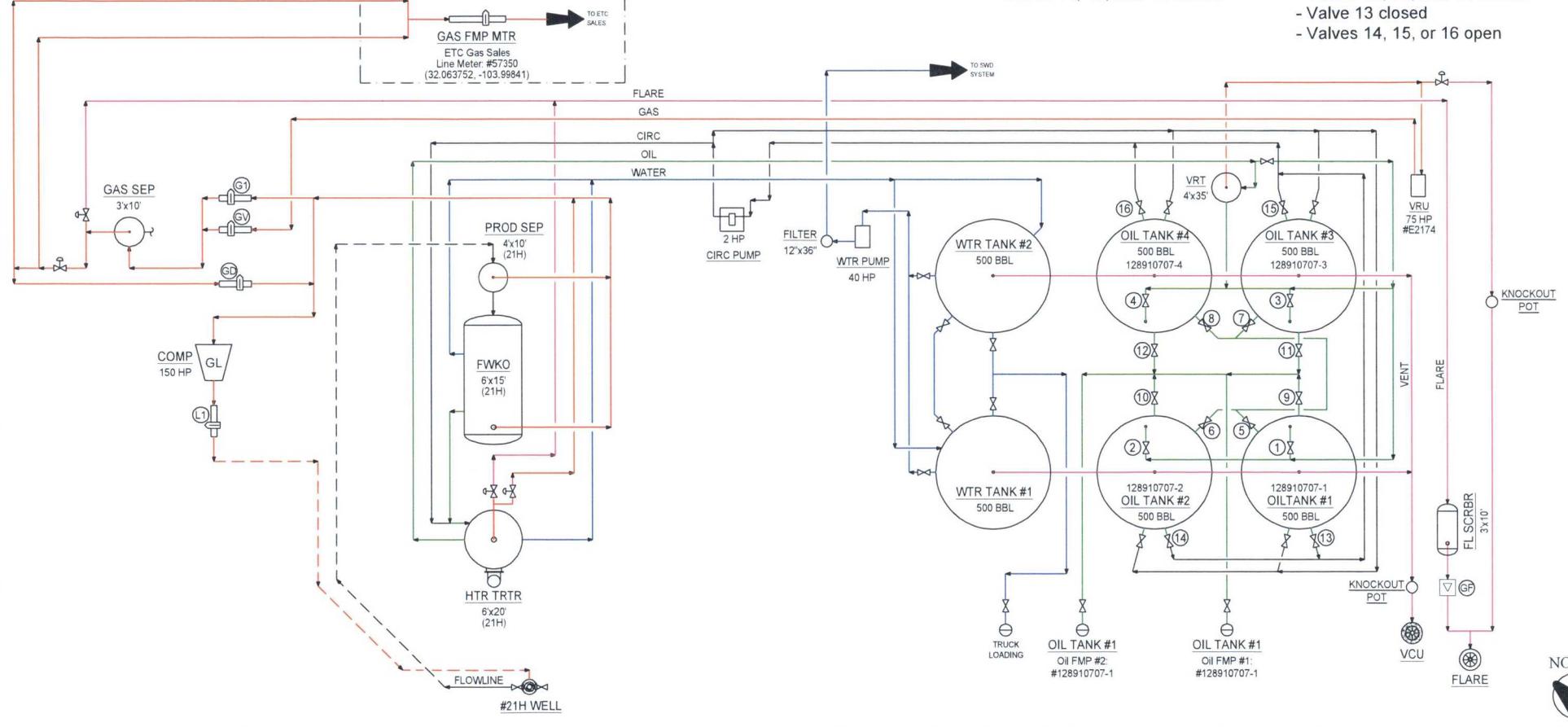


GAS METERS
VRU Gas Meters:
(GV): #88522356
Deduct Gas Meter
(GD): #88522357
Flare Gas Meter:
(GF): #
#21H Gas Lift Meter:
(L1): #88522358

ALLOCATION MTRS
#21H Meters:
GAS (G1): #88522355

Production Phase - Oil Tank #1
- Valve 1 open
- Valves 2, 3, and 4 closed
- Valves 5, 6, 7, and 8 open
- Valves 9, 10, 11, and 12 closed
- Valve 13 open
- Valves 14, 15, and 16 closed

Sales Phase - Oil Tank #1
- Valve 1 closed
- Valves 2, 3, or 4 open
- Valve 5 closed
- Valves 6, 7, and 8 open
- Valve 9 open
- Valves 10, 11, and 12 closed
- Valve 13 closed
- Valves 14, 15, or 16 open



NOTES:
Type of Lease: Federal
Federal Lease #:
Property Code: 321562
OGRID #: 229137

Ledger for Site Diagram
Produced Fluid: —
Produced Oil: —
Produced Gas: —
Produced Water: —
Flare/Vent: —

CONFIDENTIALITY NOTICE
THIS DRAWING IS PROPERTY OF COG OPERATING LLC AND IS LENT TO THE BORROWER FOR CONFIDENTIAL USE ONLY AND IS SUBJECT TO RETURN UPON REQUEST AND SHALL NOT BE REPRODUCED, COPIED, LENT OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY, NOR USED FOR ANY PURPOSE OTHER THAN THAT WHICH IT IS SPECIFICALLY FURNISHED.

REFERENCE DRAWINGS		REVISIONS			ENGINEERING RECORD		
NO.	TITLE	NO.	DATE	DESCRIPTION	BY	CHK.	APP.
A			10/08/18	ISSUED FOR REVIEW	JS	GP	
COG OPERATING LLC SITE SECURITY PLANS LOCATED AT:		ONE CONCHO CENTER 600 WEST ILLINOIS AVENUE MIDLAND, TEXAS 79701			DRN: JS DES: JS CHK: APP: APE NO: FAOL ENR: OPER ENR: VARIES SCALE: NONE		

CONCHO
NORTHERN DELAWARE BASIN ASSET
PRODUCTION FACILITIES
SITE FACILITY DIAGRAM
PUDGE FEDERAL #21H BATTERY
EDDY COUNTY NEW MEXICO
TOWNSHIP/RANGE
MULTIPLE
DWG NO. D-1700-81-005
REV A



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
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.

SUBMIT IN TRIPLICATE - Other instructions on page 2		5. Lease Serial No. NMNM100555
		6. If Indian, Allottee or Tribe Name
		7. If Unit or CA/Agreement, Name and/or No.
1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	8. Well Name and No. PUDGE FEDERAL 21H	
2. Name of Operator COG OPERATING LLC	Contact: BOBBIE GOODLOE E-Mail: bgoodloe@concho.com	9. API Well No. 30-015-45045
3a. Address ONE CONCHO CENTER 600 W ILLINOIS AVENUE MIDLAND, TX 79701-4287	3b. Phone No. (include area code) Ph: 575-748-6952	10. Field and Pool or Exploratory Area ROCKSPUR; BONE SPRING
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 31 T25S R29E SESE 625FSL 780FEL 32.080635 N Lat, 104.017483 W Lon		11. County or Parish, State EDDY COUNTY, NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomple 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/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomple in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices 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 LLC respectfully requests to designate tank #128910707-1 as the official facility measurement point (FMP) for oil produced from this well (Please see attached site facility diagram.) *Please note that a flare meter will be installed where designated on attached diagram.

Measurement will be in compliance with all federal requirements and regulations.

14. I hereby certify that the foregoing is true and correct. Electronic Submission #448691 verified by the BLM Well Information System For COG OPERATING LLC, sent to the Carlsbad	
Name (Printed/Typed) BOBBIE GOODLOE	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 12/20/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____	Title _____	Date _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify 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 _____

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018

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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. NMNM100555
6. If Indian, Allottee or Tribe Name
7. If Unit or CA/Agreement, Name and/or No.
8. Well Name and No. PUDGE FEDERAL 21H
9. API Well No. 30-015-45045
10. Field and Pool or Exploratory Area ROCKSPUR; BONE SPRING
11. County or Parish, State EDDY COUNTY, NM

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	
2. Name of Operator COG OPERATING LLC Contact: BOBBIE GOODLOE E-Mail: bgoodloe@concho.com	
3a. Address ONE CONCHO CENTER 600 W ILLINOIS AVENUE MIDLAND, TX 79701-4287	3b. Phone No. (include area code) Ph: 575-748-6952
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 31 T25S R29E SESE 625FSL 780FEL 32.080635 N Lat, 104.017483 W Lon	

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat 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/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices 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 LLC respectfully requests to designate Meter #88522355 as the official facility measurement point (FMP) for gas produced from this well. (Please see attached site facility diagram.) Meter meets API and AGA standards and will measure and be calibrated in compliance with all federal requirements and regulations.

14. I hereby certify that the foregoing is true and correct. Electronic Submission #448695 verified by the BLM Well Information System For COG OPERATING LLC, sent to the Carlsbad	
Name (Printed/Typed) BOBBIE GOODLOE	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 12/20/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____	Title _____	Date _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify 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 _____

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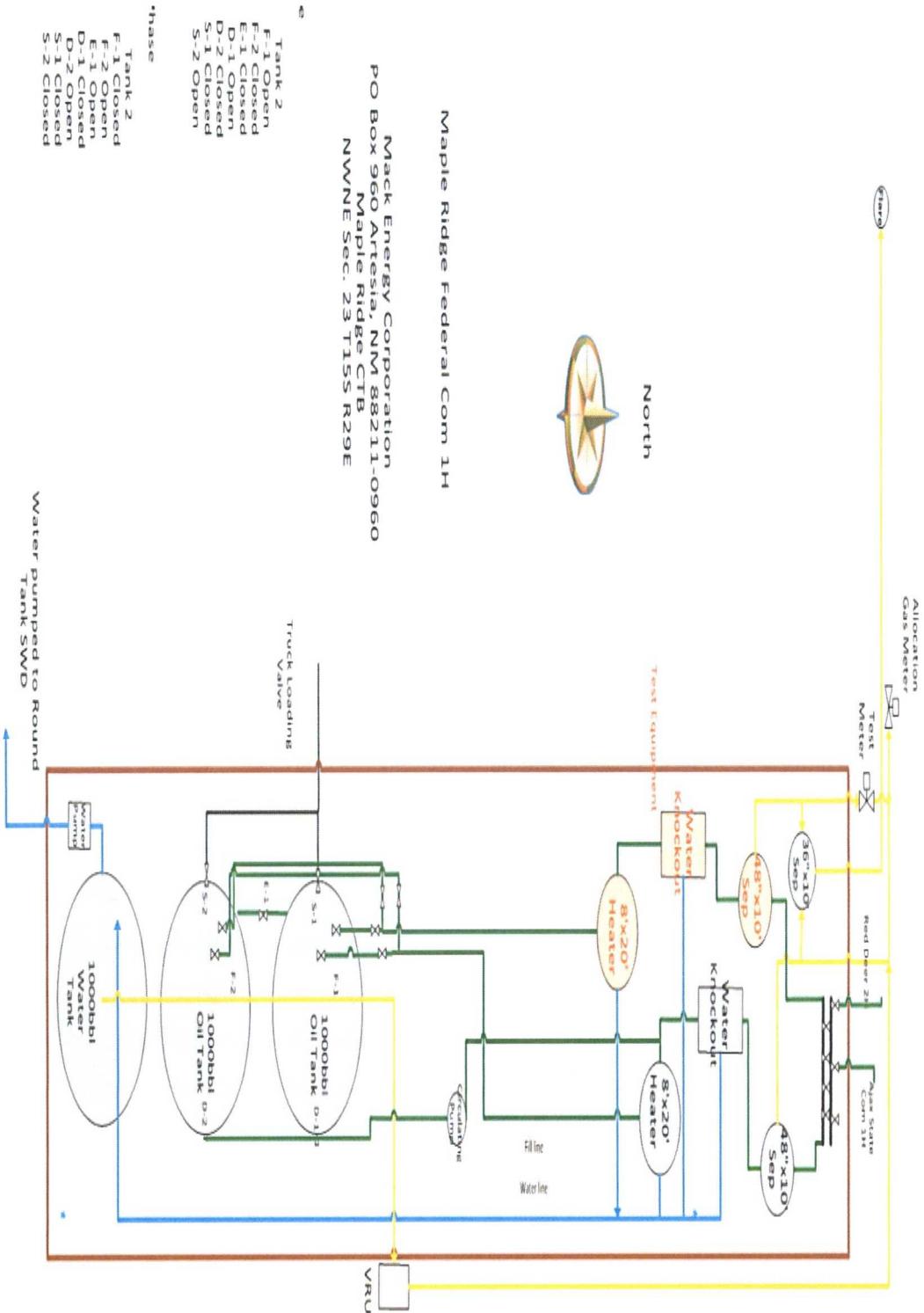
(Instructions on page 2)

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

Pudge Federal #21H 30-015-45045
Application for Off Lease Measurement - Gas Sales & Oil Offloads
Notification List

<i>Date Sent</i>	<i>Initials</i>	<i>Sent Certified Return Receipt to:</i>	<i>Receipt No.</i>	<i>Rec'd</i>
12/20/2018	bjg	Devon Energy Production Co LP, PO Box 843559, Dallas, TX 75284-3559	7017-3040-0000-1206-1417	
12/20/2018	bjg	BLM, 620 E Greene St., Carlsbad, NM 88220	7017-3040-0000-1206-1424	
12/20/2018	bjg	Nestegg Energy Corp., 2308 Sierra Vista Rd., Artesia, NM 88210	7017-3040-0000-1206-1431	
12/20/2018	bjg	Vanguard Operating LLC, 5847 San Felipe #3000, Houston, TX 77057	7017-3040-0000-1206-1448	

Mailed by
Bobbie J Goodloe



Mack Energy Corporation
 PO Box 960 Artesia, NM 88211-0960
 Maple Ridge CTB
 NWNE Sec. 23 T15S R29E

Maple Ridge Federal Com 1H



- Tank 2
- F-1 Closed
- F-2 Open
- E-1 Open
- D-1 Closed
- D-2 Closed
- S-1 Closed
- S-2 Closed