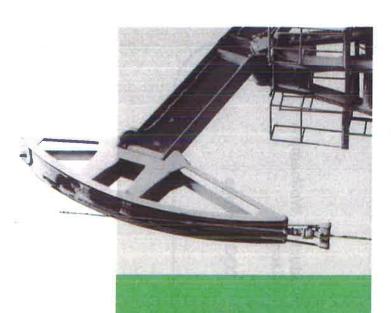


COG OPERATING LLC

Way South State Com 706H, 709H & 710H

Section 19, 30 & 31-T26S-28E

Eddy County, New Mexico



BEFORE THE OIL CONSERVATION DIVISION EXAMINER HEARING MAY 2, 2019

CASE NO. 20419



STATE OF NEW MEXICO DEPARTMENT OF ENERGY, MINERALS AND NATURAL RESOURCES OIL CONSERVATION DIVISION

APPLICATION OF COG OPERATING LLC FOR COMPULSORY POOLING, EDDY COUNTY, NEW MEXICO.

CASE NO. 20419

AFFIDAVIT OF TRAVIS MACHA

Travis Macha, of lawful age and being first duly sworn, declares as follows:

- 1. My name is Travis Macha. I work for COG Operating LLC ("COG") as a Landman.
- 2. I have previously testified before the New Mexico Oil Conservation Division as an expert witness in petroleum land matters. My credentials as a petroleum landman have been accepted by the Division and made a matter of record.
- 3. I am familiar with the applications filed by COG in these matters and familiar with the status of the lands in the subject areas.
- 4. None of the parties proposed to be pooled in these cases has indicated opposition, therefore I do not expect any opposition at the hearing.
- 5. COG seeks an order pooling all uncommitted interests in the Wolfcamp formation (Purple Sage; Wolfcamp (Gas) Pool) underlying a 768.56-acre, more or less, standard horizontal spacing unit comprised of the W/2 of Sections 19, 30, and 31, Township 26 South, Range 28 East, NMPM, Eddy County, New Mexico. This horizontal spacing unit will be dedicated to the following three proposed initial wells:

- The Way South State Com No. 706H well to be horizontally drilled from a surface location in the SW/4 NE/4 (Unit G) of Section 31 to a bottom hole location in NE/4 NW/4 (Unit C) of Section 19; and
- The Way South State Com No. 709H and Way South State Com No. 710H wells to be horizontally drilled from a surface location in the SW/4 NW/4 (Unit E) of Section 31 to a bottom hole location in the NW/4 NW/4 (Unit D) of Section 19.
- 6. The completed interval for these wells will comply with the setback requirements imposed by the Special Rules for the Purple Sage; Wolfcamp (Gas) Pool.
 - 7. **COG Exhibit No. 1A** contains draft Form C-102s for the proposed wells.
- 8. COG Exhibit No. 1B identifies the tracts of land comprising the proposed spacing and proration unit in this case. This exhibit also identifies the interest ownership by tract and ultimately by spacing unit. COG is seeking to pool only the working interest owners identified under in the exhibit. COG is not seeking to pool any overriding royalty interest owners because COG has reached an agreement with the only overriding royalty interest owner in the spacing unit.
- 9. All interest owners that COG seeks to pool are locatable. COG has conducted a diligent search of all public records in Eddy County, including phone directories and computer databases.
- 10. COG Exhibit No. 1C contains sample well proposal letters along with an AFE provided to the working interest owners COG is seeking to pool. The Way South State Com No. 706H was originally proposed in February 2019 and was timely re-proposed to reflect COG's plans to drill the well in this W/2 spacing unit. In addition to these

letters, COG has made a diligent effort to reach agreement with the parties it is seeking to pool.

- 11. The costs reflected in the AFE are consistent with what other operators have incurred for drilling similar horizontal wells in the area in each of these formations.
- 12. In my opinion, COG has made good faith efforts to reach agreement with the parties it is seeking to pool. If COG reaches an agreement with any of the proposed pool parties before the Division enters an order, I will let the Division know that COG is no longer seeking to pool those parties.
- 13. No ownership depth severances exist within these proposed spacing and proration units, and there are no unleased mineral interests in the subject acreage.
- 14. COG has estimated the overhead and administrative costs for drilling and producing the proposed wells at \$7,000 per month while drilling and \$700 per month while producing. These costs are consistent with what other operators are charging in this area for similar wells.
- 15. I provided the law firm of Holland & Hart LLP a list of names and addresses for the owners that COG seeks to pool and instructed that they be notified of this hearing.
- 16. COG Exhibit Nos. 1A through 1C were either prepared by me or compiled under my direction and supervision.

FURTHER AFFIANT SAYETH NOT.

TRAVIS MACHA

COUNTY OF Milland

SUBSCRIBED and SWORN to before me this 35th day of April 2019 by Travis Macha.



Dandia & Vanuable NOTARY PUBLIC

My Commission Expires:

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

DISTRICT II 811 S. FIRST ST., ARTESIA, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720

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 87605 Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico Energy, Minerals & Natural Resources Department 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

3107.5

3/19/19

17777

□ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT API Number Property Code Property Name Well Number WAY SOUTH STATE COM 706H OGRID No. Operator Name Elevation

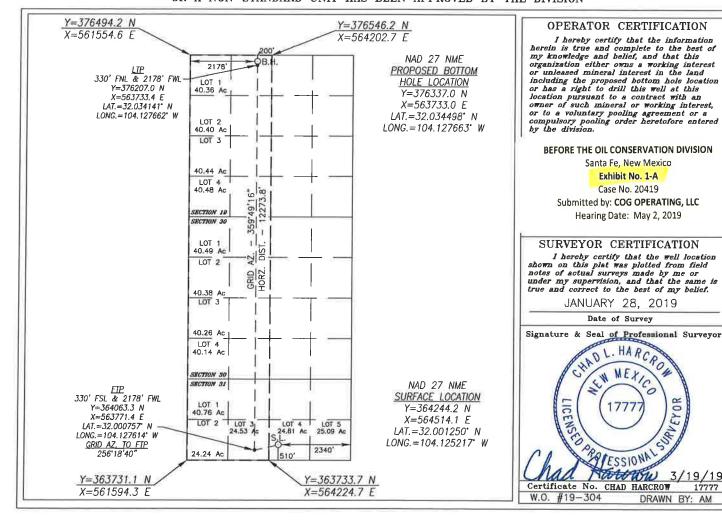
COG OPERATING, LLC Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
4	31	26-S	28-E		510	SOUTH	2340	EAST	EDDY

Bottom Hole Location If Different From Surface

ľ	UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
	С	19	26-S	28-E		200	NORTH	2178	WEST	EDDY
	Dedicated Acres	Joint o	r Infill Co	nsolidation (Code Ore	der No.				

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



DISTRICT I 1625 N. FRENCH DR., HOBBS, NM 88240 Phone: (075) 393-6161 Fax: (575) 398-0720

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1220 SOUTH ST. FRANCIS DR.

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

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

Santa Fe, New Mexico 87505

☐ AMENDED REPORT

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

WELL LOCATION AND ACREAGE DEDICATION PLAT Pool Name API Number Pool Code Well Number Property Code Property Name WAY SOUTH STATE COM 706H Operator Name Elevation OGRID No. COG OPERATING, LLC 3107.5

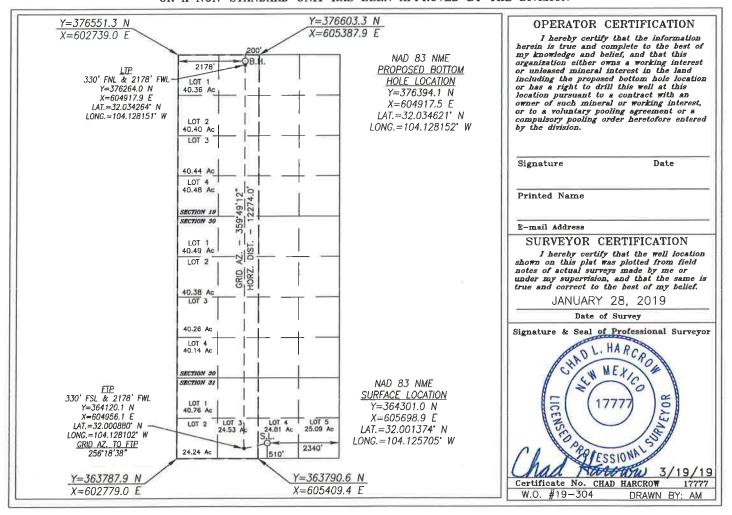
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
4	31	26-S	28-E		510	SOUTH	2340	EAST	EDDY

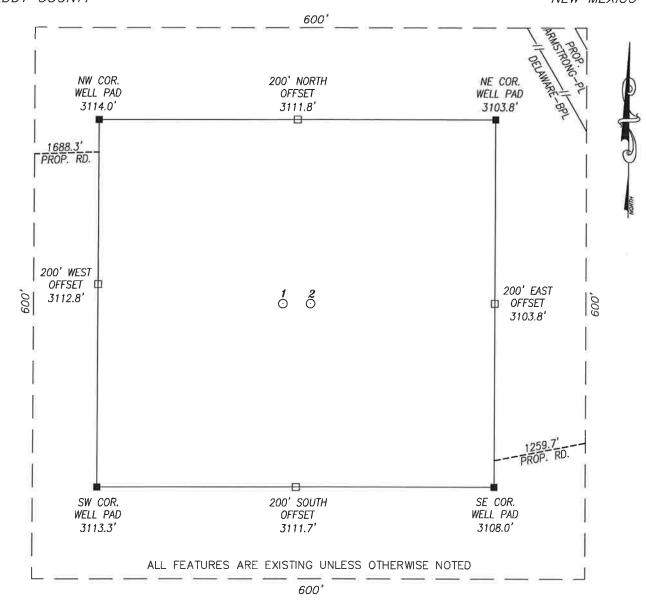
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	19	26-S	28-E		200	NORTH	2178	WEST	EDDY
Dedicated Acres	Joint of	r Infill Co	nsolidation (Code Or	ler No.				

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



SECTION 31, TOWNSHIP 26 SOUTH, RANGE 28 EAST, N.M.P.M., EDDY COUNTY NEW MEXICO



NO.	WELL	FOOTAGE	LAT.	LONG.	ELEV.
1	WAY SOUTH ST COM #706H	510' FSL & 2340' FEL	32.001374° N	104.125705° W	3107.5
2	WAY SOUTH ST COM #705H	510' FSL & 2310' FEL	32.001374° N	104.125608° W	3107.5

DIRECTIONS TO LOCATION

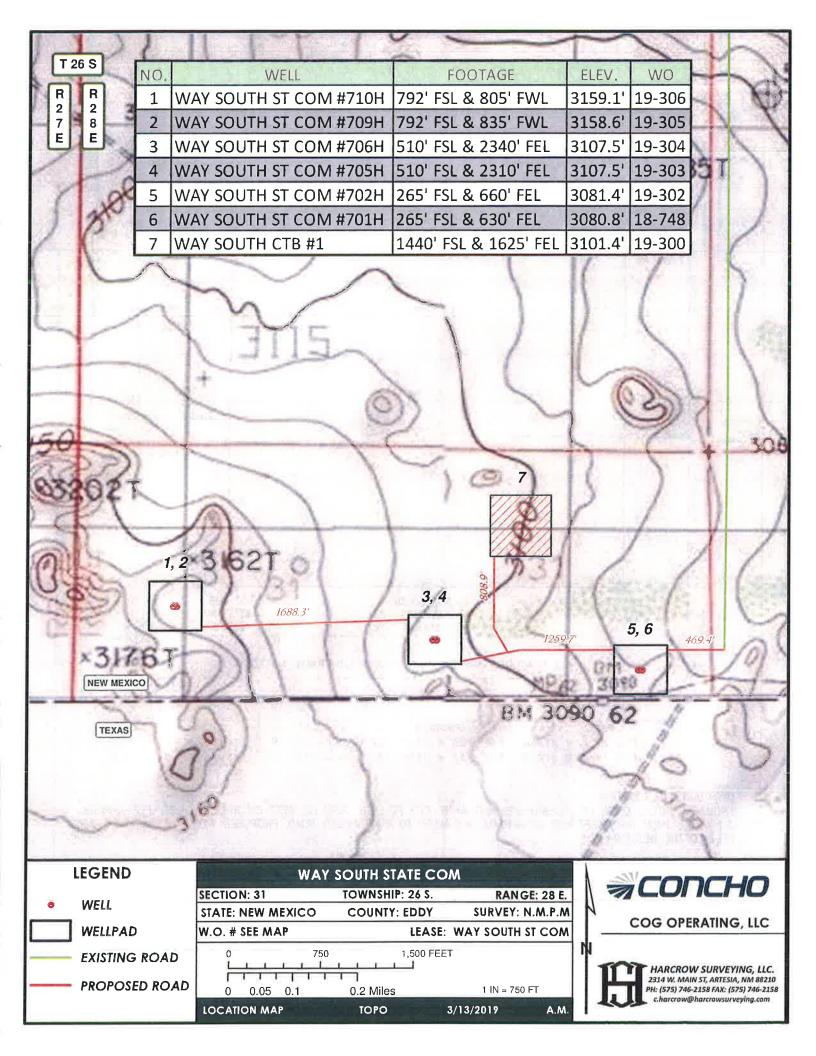
FROM THE INTERSECTION OF HIGHWAY 285 AND WHITE CITY RD. (CR. 724) GO WEST ON WHITE CITY RD. FOR APPROX. 3.1 MILES; THEN TURN LEFT AND GO APPROX. 4.5 MILES TO A PROPOSED ROAD. PROPOSED WELLS LIES APPROX. 2360 FEET TO THE WESTERLY.

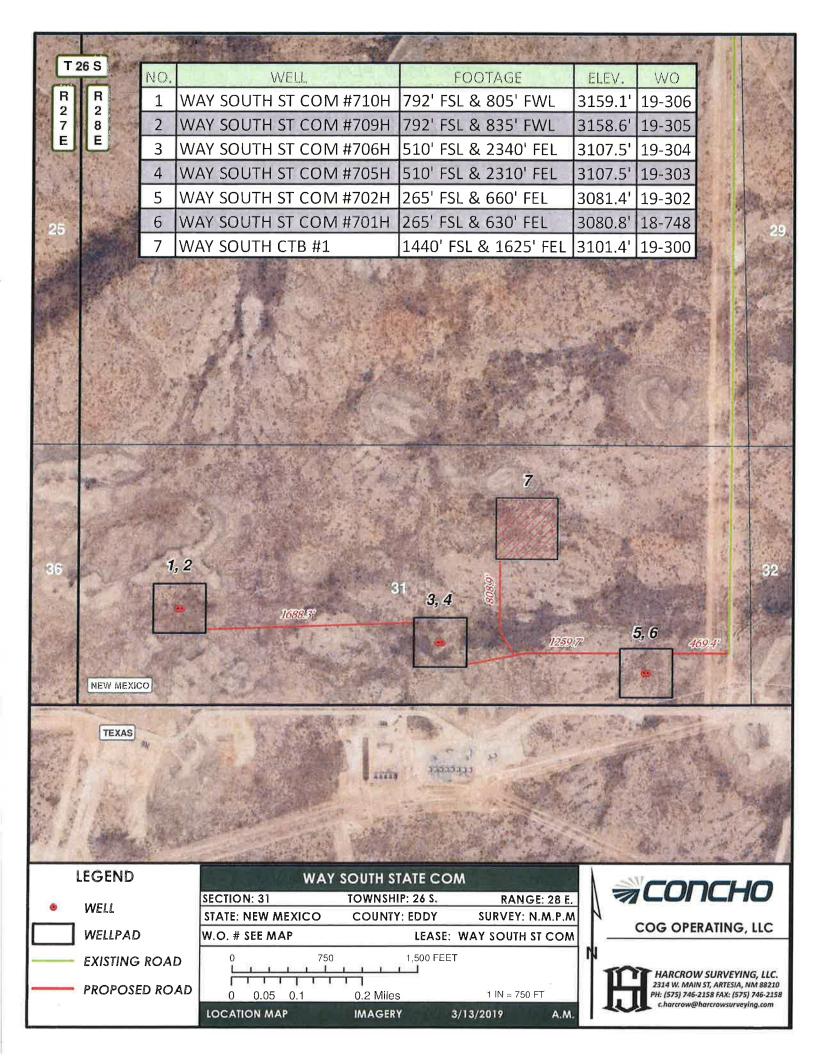
HARCROW SURVEYING, LLC 2314 W. MAIN ST, ARTESIA, N.M. 88210 PH: (575) 746-2158

c.harcrow@harcrowsurveying.com



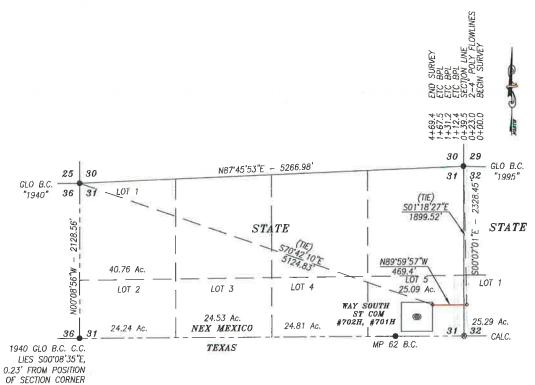
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SURVEY DA	TE: FEBRUARY	25, 2019		600S	
DRAFTING :	DATE: MARCH 1	PAG	E: 10	F 1	
APPROVED	BY: CH DRAWN	BY: AM	FILE:	19-303	-304





A PROPOSED ROAD FROM AN EXISTING ROAD TO THE WAY SOUTH ST COM #702H & #701H IN

SECTIONS 32 & 31, TOWNSHIP 26 SOUTH, RANGE 28 EAST, N.M.P.M., NEW MEXICO. EDDY COUNTY.



DESCRIPTION

A STRIP OF LAND 30.0 FEET WIDE CROSSING STATE OF NEW MEXICO LAND IN SECTIONS 32 & 31, TOWNSHIP 26 SOUTH, RANGE 28 EAST, NMPM, EDDY COUNTY, NEW MEXICO AND BEING 15.0 FEET RIGHT AND 15.0 FEET LEFT OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY:

REGINNING AT A POINT IN THE LOT 1 OF SECTION 32, WHICH LIES S01'18'27"E 1899.52 FEET FROM THE NORTHWEST CORNER; THEN N89°59'57"W 469.4 FEET, TO A POINT IN LOT 5 OF SECTION 31, WHICH LIES S70'42'10"E 5124.83 FEET FROM NORTHWEST CORNER OF SECTION 31.

SAID STRIP OF LAND BEING 469.4 FEET OR 28.45 RODS IN LENGTH, CONTAINING 0.323 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

LOT 1 2.39 RODS OR 0.027 ACRES

LOT 5 26.06 RODS OR 0.296 ACRES

BASIS OF BEARING:

CHAD HARCROW N.M.P.S.

BEARINGS SHOWN HEREON ARE MERCATOR GRID AND CONFORM TO THE NEW MEXICO COORDINATE SYSTEM "NEW MEXICO EAST ZONE" NORTH AMERICAN DATUM 1983. DISTANCES ARE SURFACE VALUES.

CERTIFICATION

I, CHAD HARCROW, A NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THIS SURVEY AND PLAT MEST THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO. HAD L. HARCRO

NO. 17777

EN MEXIC

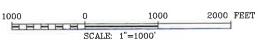
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DATE

HARCROW SURVEYING, LLC 2314 W. MAIN ST, ARTESIA, N.M. 88210 PH: (575) 746-2158

c.harcrow@harcrowsurveying.com

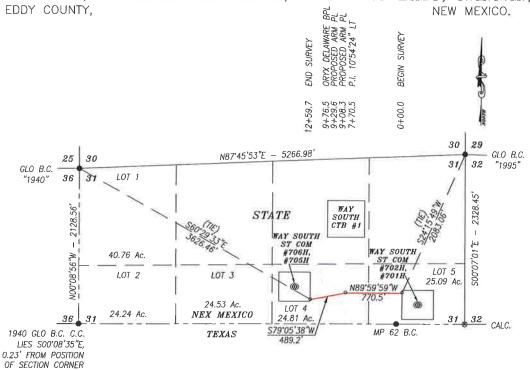


COG OPERATING, LLC

SURVEY DATE: FEBRAURY	7 25, 2019 702H & 701H RD
DRAFTING DATE: MARCH	11, 2019 PAGE 1 OF 1
APPROVED BY: CH DRAW	N BY: AM FILE: 19-301

A PROPOSED ROAD FROM THE WAY SOUTH ST COM #702H & #701H TO THE WAY SOUTH ST COM #706H & #705H IN

SECTION 31, TOWNSHIP 26 SOUTH, RANGE 28 EAST, N.M.P.M.,



DESCRIPTION

A STRIP OF LAND 30.0 FEET WIDE CROSSING STATE OF NEW MEXICO LAND IN SECTION 31, TOWNSHIP 26 SOUTH, RANGE 28 EAST, NMPM, EDDY COUNTY, NEW MEXICO AND BEING 15.0 FEET RIGHT AND 15.0 FEET LEFT OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY:

BEGINNING AT A POINT IN THE LOT 5 OF SAID SECTION, WHICH LIES \$24*15'49"W 2083.06 FEET FROM THE NORTHEAST CORNER; THEN N89*59'59"W 770.5 FEET; THEN \$79*05'38"W 489.2 FEET, TO A POINT IN LOT 4 OF SAID SECTION, WHICH LIES \$60*29'33"E 3626.46 FEET FROM NORTHWEST CORNER.

SAID STRIP OF LAND BEING 1259.7 FEET OR 76.35 RODS IN LENGTH, CONTAINING 0.868 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

LOT 5 27.63 RODS OR 0.314 ACRES

LOT 4 48.72 RODS OR 0.554 ACRES

BASIS OF BEARING:

BEARINGS SHOWN HEREON ARE MERCATOR GRID AND CONFORM TO THE NEW MEXICO COORDINATE SYSTEM "NEW MEXICO EAST ZONE" NORTH AMERICAN DATUM 1983. DISTANCES ARE SURFACE VALUES.

CERTIFICATION

I, CHAD HARCROW, A NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR CERTIFY THAT I DIRECTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO.

Chad Harvard POFESSIONA 3/14/19

CHAD HARCROW N.M.P.S. NO. 177777

CARRESTON OF THE STORY OF THE

HARCROW SURVEYING, LLC 2314 W. MAIN ST, ARTESIA, N.M. 88210 PH: (575) 746-2158 c.harcrow@harcrowsurveying.com



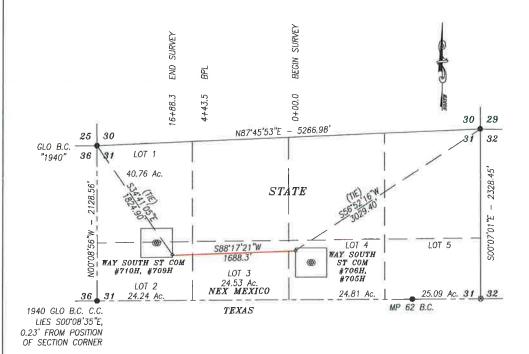
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COG OPERATING, LLC

SURVEY DATE: 1	FEBRAURY 25, 2019	706H & 705H RD
DRAFTING DATE	E: MARCH 11, 2019	PAGE 1 OF 1
APPROVED BY:	CH DRAWN BY: AM	FILE: 19-301

A PROPOSED ROAD FROM THE WAY SOUTH ST COM #706H & #705H TO THE WAY SOUTH ST COM #710H & #709H IN

SECTION 31, TOWNSHIP 26 SOUTH, RANGE 28 EAST, N.M.P.M., NEW MEXICO. EDDY COUNTY,



DESCRIPTION

A STRIP OF LAND 30.0 FEET WIDE CROSSING STATE OF NEW MEXICO LAND IN SECTION 31. TOWNSHIP 26 SOUTH. RANGE 28 EAST, NMPM, EDDY COUNTY, NEW MEXICO AND BEING 15.0 FEET RIGHT AND 15.0 FEET LEFT OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY:

BEGINNING AT A POINT IN THE LOT 4 OF SAID SECTION, WHICH LIES S56°52'16"W 3029.40 FEET FROM THE NORTHEAST CORNER; THEN S88°17'21"W 1688.3 FEET, TO A POINT IN LOT 2 OF SAID SECTION, WHICH LIES S34°41'05"E 1824.90 FEET FROM NORTHWEST CORNER.

SAID STRIP OF LAND BEING 1688.3 FEET OR 102.32 RODS IN LENGTH, CONTAINING 1.163 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

5.54 RODS OR 0.063 ACRES LOT 3 79.77 RODS OR 0.907 ACRES

LOT 2 17.01 RODS OR 0.193 ACRES

BASIS OF BEARING:

CHAD HARCROW N.M.P.S. NO. 17777

BEARINGS SHOWN HEREON ARE MERCATOR GRID AND CONFORM TO THE NEW MEXICO COORDINATE SYSTEM "NEW MEXICO EAST ZONE" NORTH AMERICAN DATUM 1983. DISTANCES ARE SURFACE VALUES.

CERTIFICATION

I, CHAD HARCROW, A NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR I, CHAD HARCHOW, A NEW MEXICO REGISTERED PROFESSIONAL SURVEY, THAT CERTIFY THAT I DIRECTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THIS SURVEY AND PLAT HEET THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO. AND L. HARCA

MEXIC

POFESSIONAL

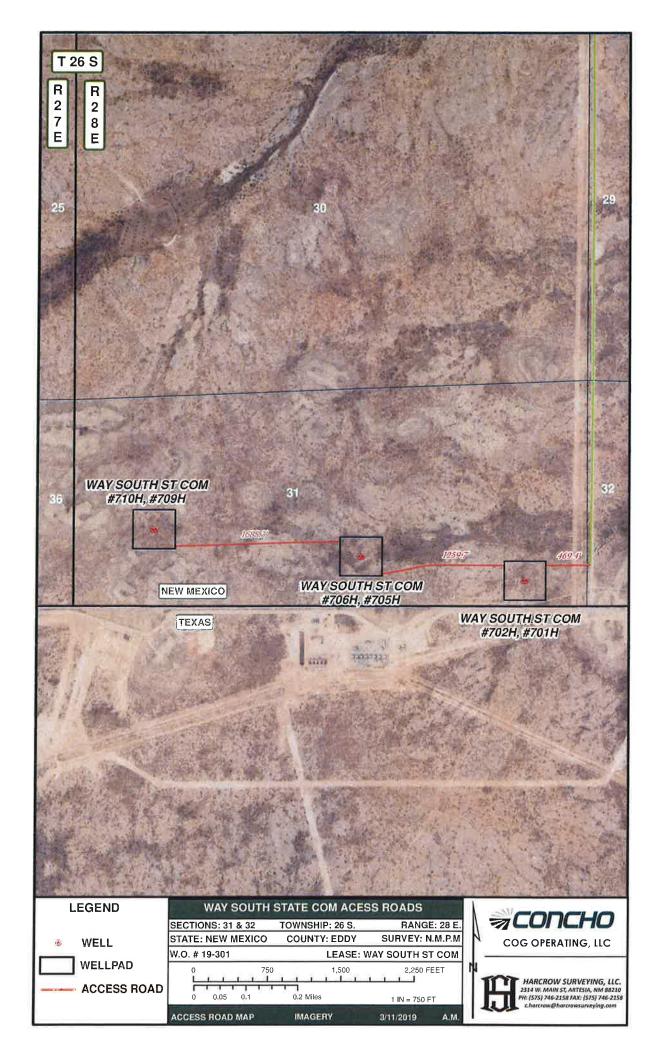
3/14/19

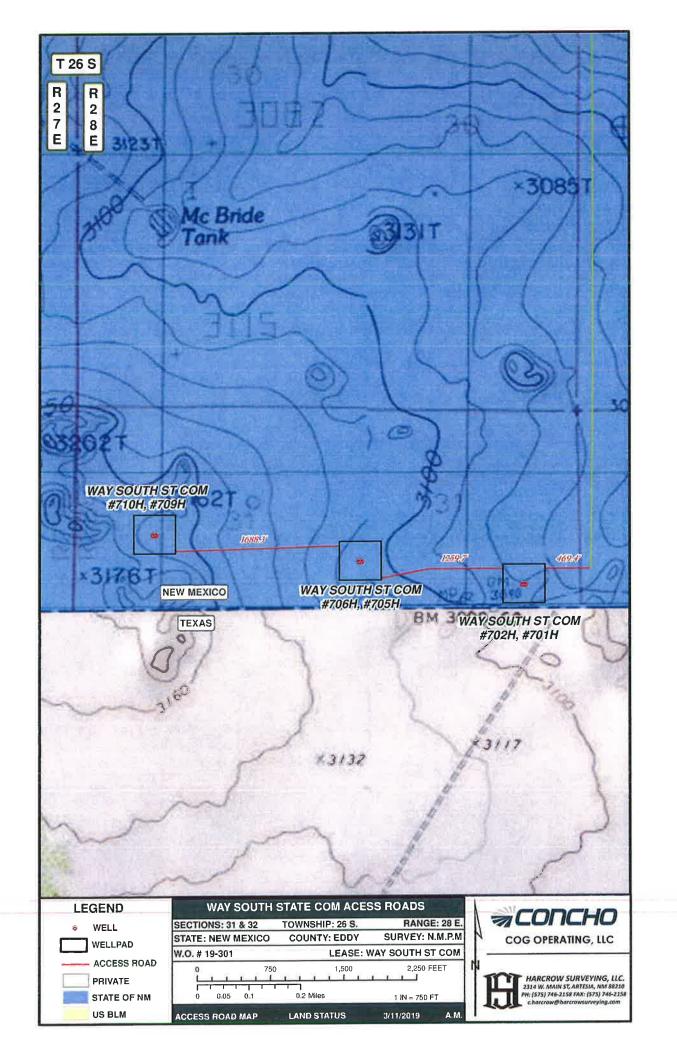
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HARCROW SURVEYING, LLC

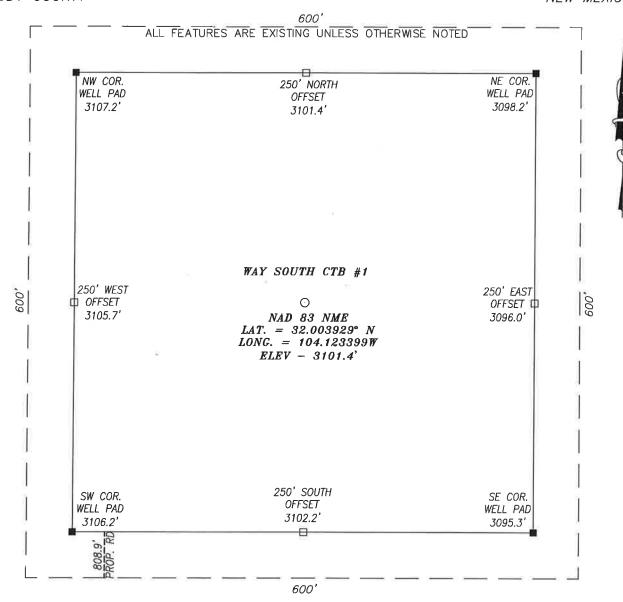
2314 W. MAIN ST, ARTESIA, N.M. 88210 PH: (575) 746-2158 c.harcrow@harcrowsurveying.com

SURVEY DATE: FEB	RAURY 25, 2019	710H & 709H RD
DRAFTING DATE: N		
APPROVED BY: CH	DRAWN BY: AM	FILE: 19-301





SECTION 31, TOWNSHIP 26 SOUTH, RANGE 28 EAST, N.M.P.M., EDDY COUNTY NEW MEXICO



DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF U.S. HWY. 285 & WHITES CITY RD. (CR. 724), GO WESTERLY ON WHITES CITY RD. FOR APPROX. 3.1 MILES; THEN GO LEFT (SOUTH) ON CALICHE ROAD FOR APPROX. 4.4 MILES TO A PROPOSED ROAD FOR WAY SOUTH ST COM #701H & #702H; GO APPROX. 0.3 MILES WESTERLY TO PROPOSED CTB ROAD; THE PROPOSED CTB LIES APPROX. 1030 FEET NORTHWEST.

HARCROW SURVEYING, LLC 2314 W. MAIN ST, ARTESIA, N.M. 88210

PH: (575) 746-2158 c.harcrow@harcrowsurveying.com



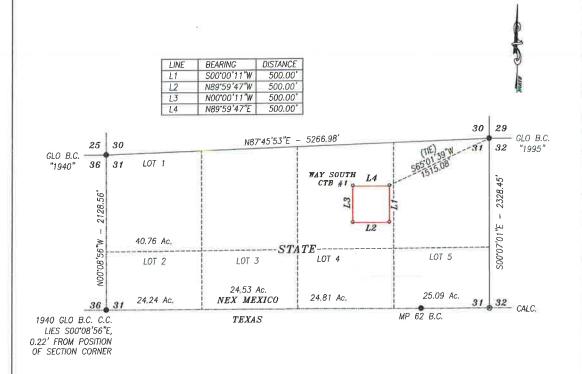
COG OPERATING, LLC

WAY SOUTH CTB #1
LOCATED 1440 FEET FROM THE SOUTH LINE
AND 1625 FEET FROM THE EAST LINE OF SECTION 31,
TOWNSHIP 26 SOUTH, RANGE 28 EAST, N.M.P.M.,
EDDY COUNTY, NEW MEXICO

SURVEY DATE: FEBRUARY 26, 2019	600S
Divid Tinto Billia Milmoli B, 2010	PAGE: 1 OF 1
APPROVED BY: CH DRAWN BY: AM	FILE: 19-300

EXHIBIT A STATE BUSINESS LEASE COG OPERATING, LLC

A PROPOSED CTB KNOWN AS THE "WAY SOUTH CTB #1" IN SECTION 31, TOWNSHIP 26 SOUTH, RANGE 28 EAST, N.M.P.M., EDDY COUNTY, NEW MEXICO.



DESCRIPTION

A PROPOSED CTB LOCATED WITHIN STATE OF NEW MEXICO LAND IN SECTION 31, TOWNSHIP 26 SOUTH, RANGE 28 EAST, NMPM, EDDY COUNTY, NEW MEXICO AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT THE NORTHEAST CORNER OF THE PROPOSED CTB, WHICH LIES S65°01'39"W 1515.08 FEET FROM THE NORTHEAST CORNER OF SAID SECTION; THEN S00°00'11"W 500.00 FEET; THEN N89°59'47"W 500.00 FEET; THEN N00°00'11"W 500.00 FEET; THEN N89°59'47"E 500.00 FEET TO THE POINT OF BEGINNING.

SAID PAD CONTAINS 5.739 ACRES AND LOCATED ENTIRELY IN THE NW/4 NE/4

BASIS OF BEARING:

BEARINGS SHOWN HEREON ARE MERCATOR GRID AND CONFORM TO THE NEW MEXICO COORDINATE SYSTEM "NEW MEXICO EAST ZONE" NORTH AMERICAN DATUM 1983. DISTANCES ARE SURFACE VALUES.

CERTIFICATION

I, CHAD HARCROW, A NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR CERTIFY THAT I DIRECTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO.

POFESSIONAL

3/13/19

1000 0 1000 2000 FEET | SCALE: 1"=1000"

HARCROW SURVEYING, LLC

2314 W. MAIN ST, ARTESIA, N.M. 88210

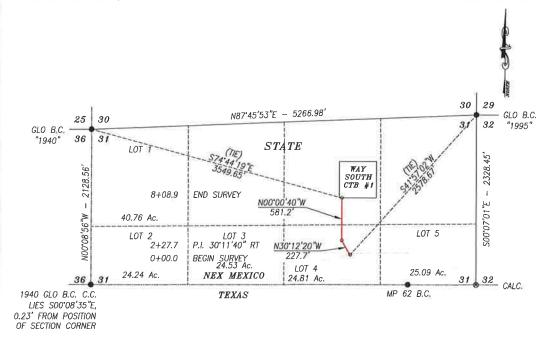
PH: (575) 746-2158 c.barcrow@harcrowsurveying.com

COG OPERATING, LLC

SURVEY DATE: FEBRUARY 26, 2019	SBL EX. A
DRAFTING DATE: MARCH 8, 2019	PAGE 1 OF 1
APPROVED BY: CH DRAWN BY: AM	FILE: 19-300

EXHIBIT B ACCESS ROAD PLAT COG OPERATING, LLC

A PROPOSED ROAD FROM A PROPOSED ROAD TO THE WAY SOUTH CTB #1 IN SECTION 31, TOWNSHIP 26 SOUTH, RANGE 28 EAST, N.M.P.M., EDDY COUNTY, NEW MEXICO.



DESCRIPTION

A STRIP OF LAND 30.0 FEET WIDE CROSSING STATE OF NEW MEXICO LAND IN SECTION 31, TOWNSHIP 26 SOUTH, RANGE 28 EAST, NMPM, EDDY COUNTY, NEW MEXICO AND BEING 15.0 FEET RIGHT AND 15.0 FEET LEFT OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY:

BEGINNING AT A POINT IN THE LOT 4 OF SAID SECTION, WHICH LIES S41°57'02"W 2578.67 FEET FROM THE SOUTHEAST CORNER; THEN N30°12'20"W 227.7 FEET; THEN N00°00'40"W 581.2 FEET, TO A POINT IN THE NW/4 NE/4 OF SAID SECTION, WHICH LIES S74°44'19"E 3549.65 FEET FROM NORTHWEST CORNER.

SAID STRIP OF LAND BEING 808.9 FEET OR 49.02 RODS IN LENGTH, CONTAINING 0.557 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

LOT 1 26.70 RODS OR 0.303 ACRES NW/4 NE/4 22.32 RODS OR 0.254 ACRES

BASIS OF BEARING:

BEARINGS SHOWN HEREON ARE MERCATOR GRID AND CONFORM TO THE NEW MEXICO COORDINATE SYSTEM "NEW MEXICO EAST ZONE" NORTH AMERICAN DATUM 1983. DISTANCES ARE SURFACE VALUES.

CERTIFICATION

I, CHAD HARCROW, A NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR CERTIFY THAT I DIRECTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO.

Chad Harway Profession 3/13/19
Date

HARCROW SURVEYING, LLC 2314 W. MAIN ST, ARTESIA, N.M. 88210 PH: (575) 746-2158 c.harcrow@harcrowsurveying.com

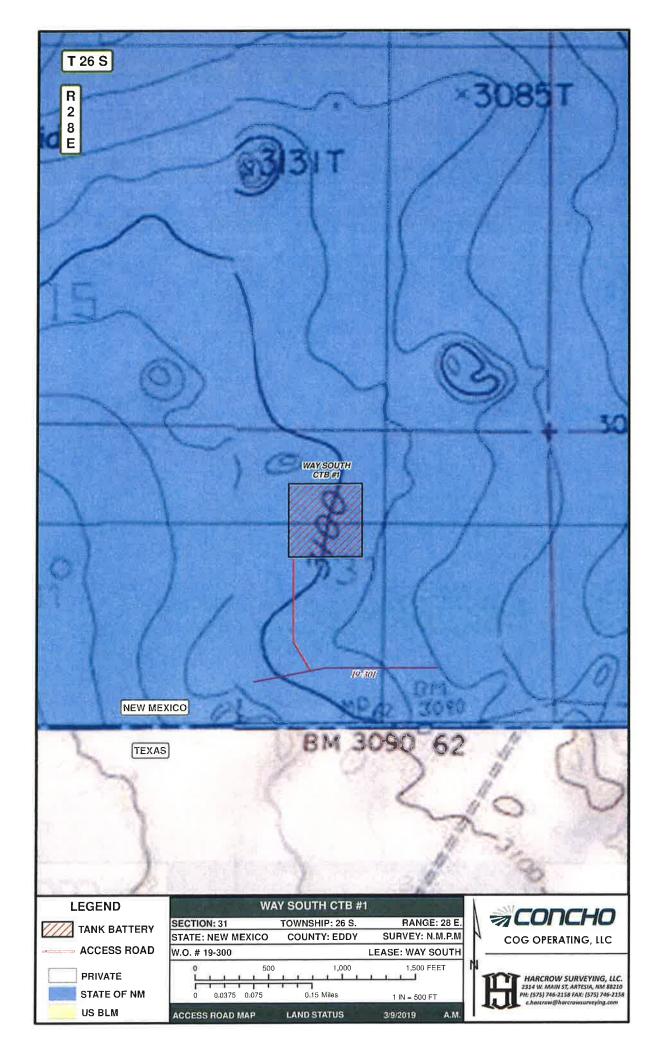


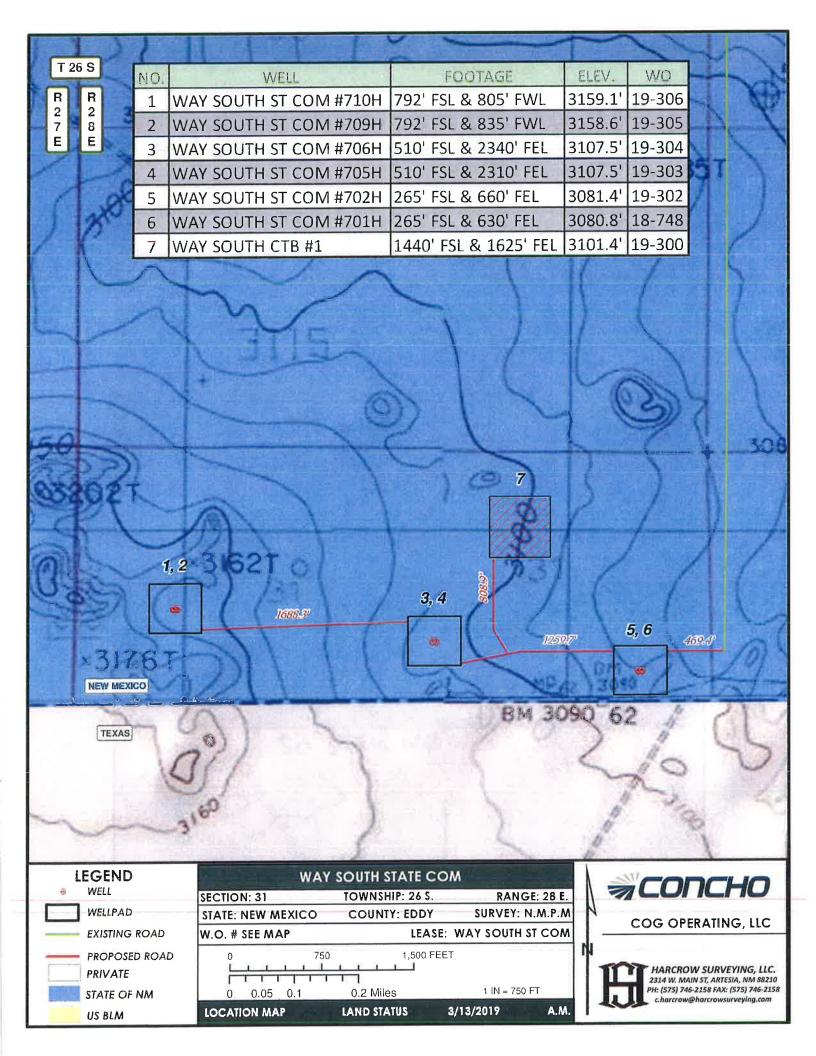
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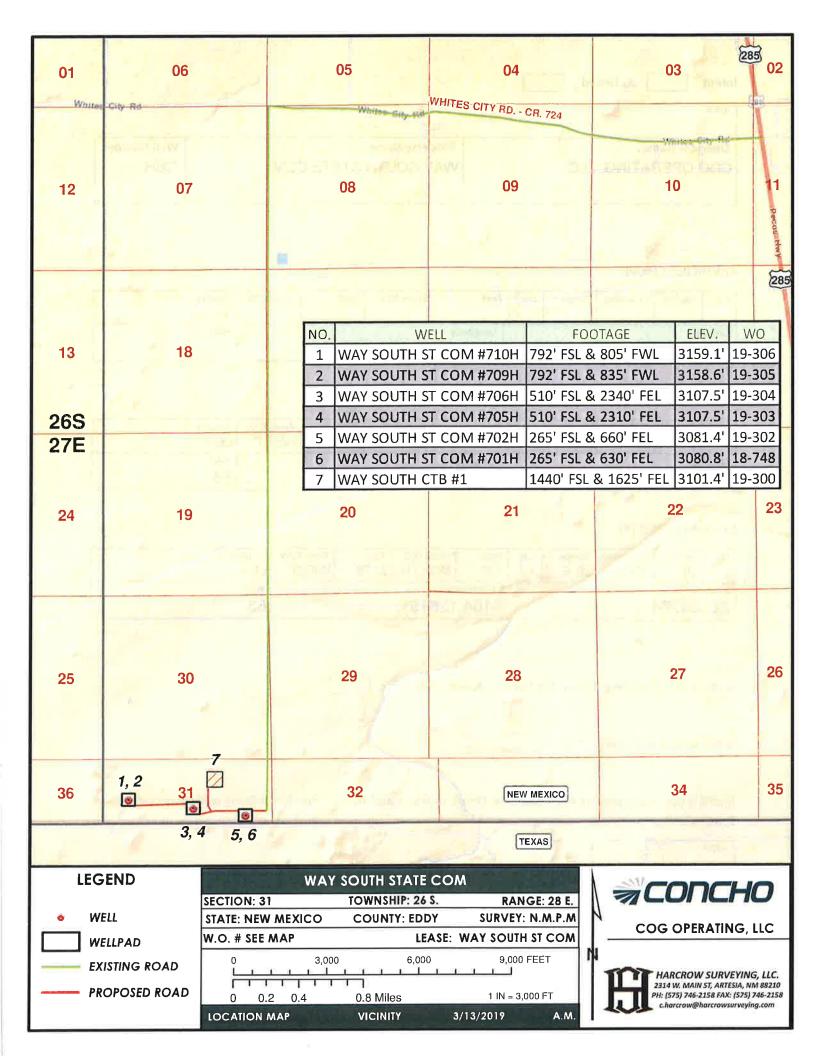
COG OPERATING, LLC

	SURVEY DATE: FEBRUARY 26, 2019	SBL B
į	DRAFTING DATE: MARCH 8, 2019	PAGE 1 OF 1
	APPROVED BY: CH DRAWN BY: AM	FILE: 19-300









Intent	As Drill	ed										
	Operator Name: COG OPERATING, LLC						e: H ST/	ATE C	ОМ			Well Number 706H
Kick Off Point	(KOB)			15								
UL Section	Township	Range	Lot	Feet	Fr	om N/S	Feet	:	From	i E/W	County	
Latitude				Longitu	ıde						NAD	
First Take Poin	et (FTP)											
UL Section 31	Township 26-S	Range 28-E	Lot	Feet 330		om N/S OUTH	Feet 217		From	s E/W	County LEA	
Latitude 32.000880)			Longitu -104	^{ide} .1281()2					NAD 83	
Last Take Poin	t (LTP)	Range	Lot	Feet	From N	I/S Fee	ot .	From	E/W	Count	tv	
C 19	26-S	28-E	LUC	330 Longitu	NOR			WES		LEA NAD	-	
32.034264	ļ			_	.1281	51				83		
s this well the		vell for th	e Horiz	zontal Sp	pacing U	nit?	-					
If infill is yes pl Spacing Unit.	lease provi	de API if a	availab	ile, Opei	rator Na	me and	well n	ıumbeı	r for l	Definii	ng well fo	or Horizontal
API#												
Operator Nar	ne:				Proper	ty Name	e; -					Well Number

KZ 06/29/2018

DISTRICT I 1625 N. FRENCH IR., HOBBS, NM 88240 Phone: (676) 393-6101 Fax: (676) 393-0720 DISTRICT II 811 S. FIRST ST., ARTESIA, NM 86210 Phone: (676) 746-1283 Fax: (676) 746-9720

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

DISTRICT III 1000 RIO BRAZOS RD., AZTEC, NM 87410 Phone: (505) 334-6178 Fax: (505) 334-6170 1220 SOUTH ST. FRANCIS DR. Santa Fe, New Mexico 87505

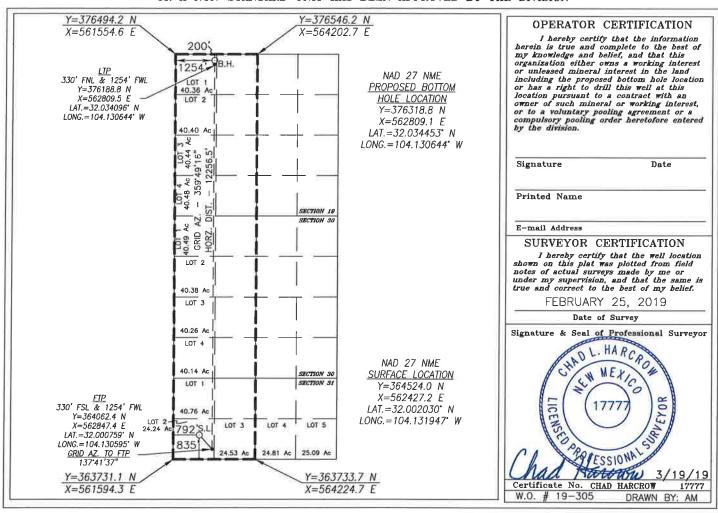
Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

□ AMENDED REPORT

DISTRICT IV
1220 S. ST. FRANCIS DR., SANTA FE, NM 67505

Phone: (505) 476-340	00 FEX: (306)	470-3402	WELL LO	CATION	AND ACREA	AGE DEDICATI	ON PLAT					
API	Number			Pool Code			Pool Name					
Property (Code		1.7		₩ell Nun	nber						
				WAY	SOUTH STA	ATE COM		709	9H			
OGRID No	o.			COC	Operator Nam G OPERATIN			Elevation 3158				
	Surface Location											
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County			
2	31	26-S	28-E		792	SOUTH	835	WEST	EDDY			
			Bottom	Hole Loc	cation If Diffe	erent From Sur	face					
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County			
1	19	26-S	28-E		200	NORTH	1254	WEST	EDDY			
Dedicated Acres Joint or Infill Consolidation Code Order No.												

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



DISTRICT I
1625 N. FERNCH DR., HOBBS, NM 88240
Phone: (675) 363-6161 Fax: (676) 363-6720
DISTRICT II
811 S. FIRST ST., ARTESIA, NM 88210
Phone: (676) 748-1283 Fax: (676) 748-9720

State of New Mexico Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION 1220 SOUTH ST. FRANCIS DR.

DISTRICT III 1000 RIO BRAZOS RD., AZTEC, NM 87410 Phone: (505) 334-6178 Fax: (505) 334-6170 Santa Fe, New Mexico 87505

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

☐ AMENDED REPORT

Phone: (505) 334-6170 Fax: (505) 334-6170
DISTRICT IV
1220 S. St. FRANCIS DR., SANTA FE, NM 67505
Phone: (505) 476-3460 Fax: (505) 476-3462

WELL LOCATION AND ACREAGE DEDICATION PLAT

Pool Code

Property Code

Property Name
Well Number

Way South State Com

Operator Name
COG OPERATING, LLC

3158.6'

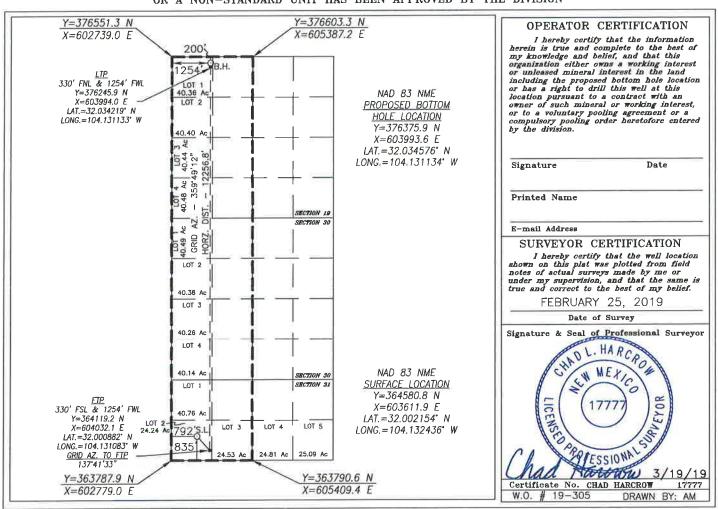
Surface Location

ĺ	UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
	2	31	26-S	28-E		792	SOUTH	835	WEST	EDDY

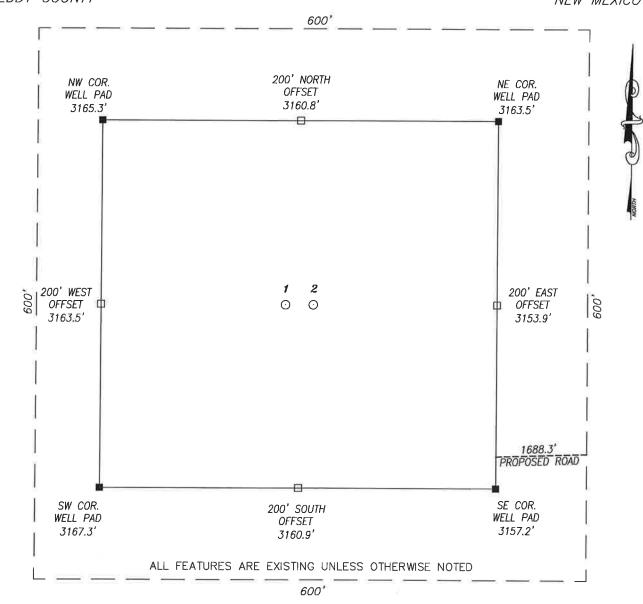
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	19	26-S	28-E		200	NORTH	1254	WEST	EDDY
Dedicated Acres	Joint o	r Infill C	onsolidation	Code Ore	der No.				

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



SECTION 31, TOWNSHIP 26 SOUTH, RANGE 28 EAST, N.M.P.M., EDDY COUNTY NEW MEXICO



NO.	WELL			FOOTAGE			LAT.		LONG.		ELEV.				
1	WAY	SOUTH	ST	COM	#710H	792'	FSL	æ	805'	FWL	32.002154°	N	104.132533°	W	3159.1
2	WAY	SOUTH	ST	COM	#709H	792'	FSL	&	835'	FWL	32.002154°	N	104.132436°	W	3158.6

DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF HIGHWAY 285 AND WHITE CITY RD. (CR. 724) GO EAST ON WHITE CITY RD. FOR APPROX. 3.1 MILES; THEN TURN LEFT AND GO APPROX. 4.5 MILES TO A PROPOSED ROAD. PROPOSED WELLS LIES APPROX. 4480 FEET TO THE WESTERLY.

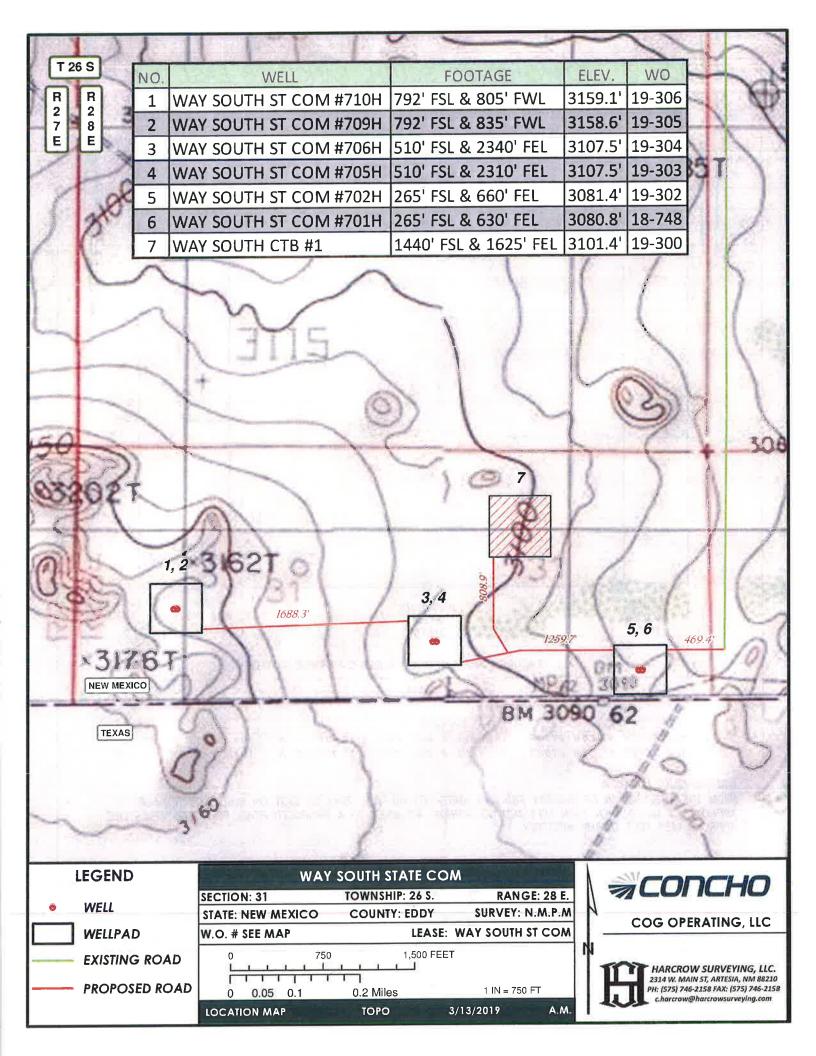
HARCROW SURVEYING, LLC 2314 W. MAIN ST, ARTESIA, N.M. 88210

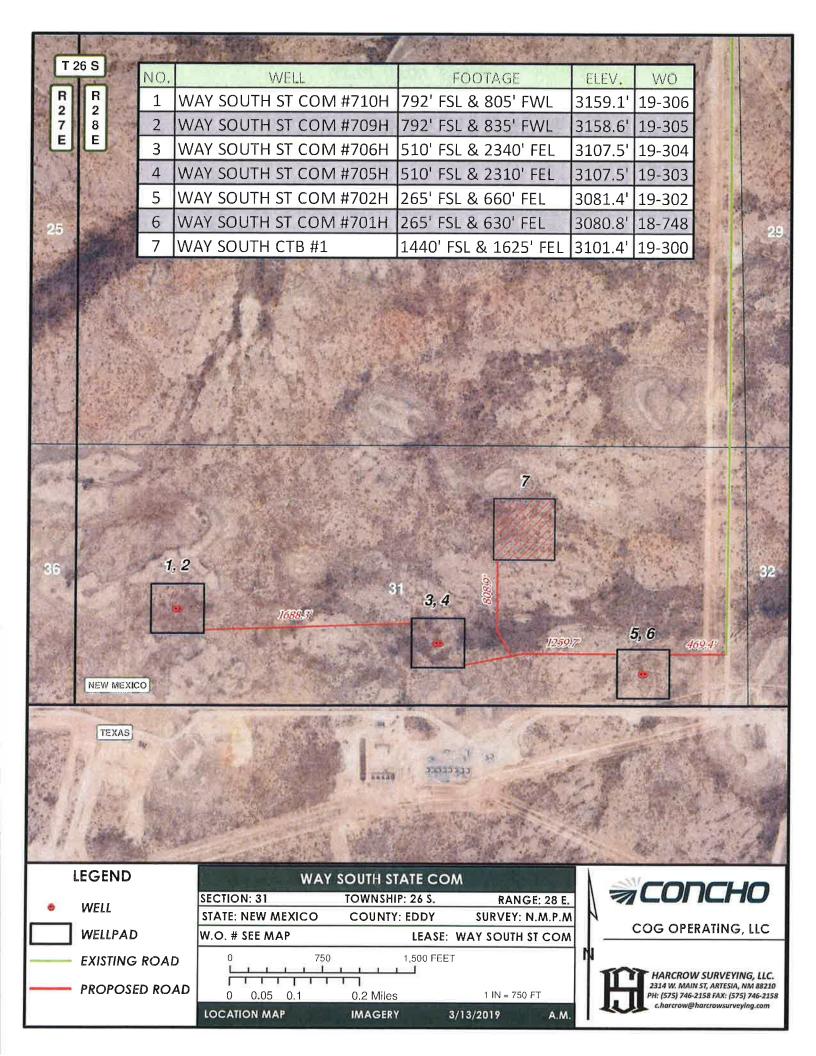
PH: (575) 746-2158 c.harcrow@harcrowsurveying.com



100	0	100)	20	00 Fe	eet				
	Scale: 1	<i>"=100"</i>								
C	COG OPERATING, LLC									
SURVEY DA	ATE: FEBRUARY	6	00S							
DRAFTING	DATE: MARCH	2019	PAGE:	1	OF	1				

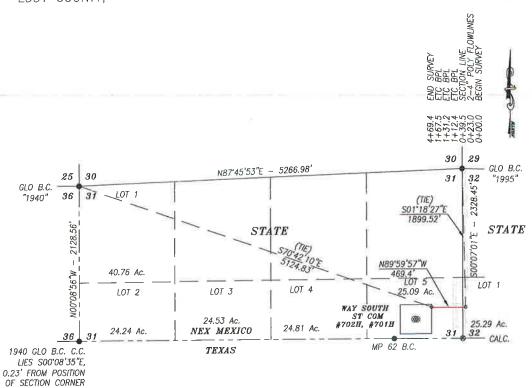
APPROVED BY: CH DRAWN BY: AM FILE: 19-305-306





A PROPOSED ROAD FROM AN EXISTING ROAD TO THE WAY SOUTH ST COM #702H & #701H IN

SECTIONS 32 & 31, TOWNSHIP 26 SOUTH, RANGE 28 EAST, N.M.P.M., NEW MEXICO. EDDY COUNTY.



DESCRIPTION

A STRIP OF LAND 30.0 FEET WIDE CROSSING STATE OF NEW MEXICO LAND IN SECTIONS 32 & 31, TOWNSHIP 26 SOUTH, RANGE 28 EAST, NMPM, EDDY COUNTY, NEW MEXICO AND BEING 15.0 FEET RIGHT AND 15.0 FEET LEFT OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY:

BEGINNING AT A POINT IN THE LOT 1 OF SECTION 32, WHICH LIES S01*18'27"E 1899.52 FEET FROM THE NORTHWEST CORNER; THEN N89'59'57"W 469.4 FEET, TO A POINT IN LOT 5 OF SECTION 31, WHICH LIES S70°42'10"E 5124.83 FEET FROM NORTHWEST CORNER OF SECTION 31.

SAID STRIP OF LAND BEING 469.4 FEET OR 28.45 RODS IN LENGTH, CONTAINING 0.323 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

LOT 1 2.39 RODS OR 0.027 ACRES

SECTION 31 LOT 5 26.06 RODS OR 0.296 ACRES

BASIS OF BEARING:

BEARINGS SHOWN HEREON ARE MERCATOR GRID AND CONFORM TO THE NEW MEXICO COORDINATE SYSTEM "NEW MEXICO EAST ZONE" NORTH AMERICAN DATUM 1983. DISTANCES ARE SURFACE VALUES.

CERTIFICATION

L CHAD HARCROW, A NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR CERTIFY THAT I DIRECTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THIS SURVEY AND PLAT HEET THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO.

HAD L. HARCAG MEXIC POFESSIONAL 3/14/19 HARCROW SURVEYING, LLC 2314 W. MAIN ST, ARTESIA, N.M. 88210 PH: (575) 746-2158

c,harcrow@harcrowsurveying.com



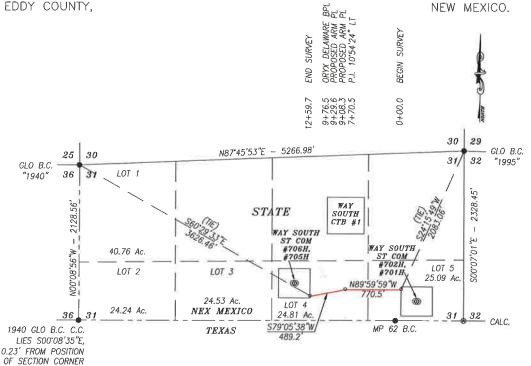
1000 1000 HHHHH SCALE: 1"=1000'

COG OPERATING. LLC

	SURVEY DATE: FEBRAURY 25, 2019					
ĝ	DRAFTING DATE: MARCH 11, 2019	PAGE 1 OF 1				
	APPROVED BY: CH DRAWN BY: AM	FILE: 19-301				

A PROPOSED ROAD FROM THE WAY SOUTH ST COM #702H & #701H TO THE WAY SOUTH ST COM #706H & #705H IN

SECTION 31, TOWNSHIP 26 SOUTH, RANGE 28 EAST, N.M.P.M.,



DESCRIPTION

A STRIP OF LAND 30.0 FEET WIDE CROSSING STATE OF NEW MEXICO LAND IN SECTION 31, TOWNSHIP 26 SOUTH, RANGE 28 EAST, NMPM, EDDY COUNTY, NEW MEXICO AND BEING 15.0 FEET RIGHT AND 15.0 FEET LEFT OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY:

BEGINNING AT A POINT IN THE LOT 5 OF SAID SECTION, WHICH LIES \$24°15'49"W 2083.06 FEET FROM THE NORTHEAST CORNER; THEN N89°59'59"W 770.5 FEET; THEN S79°05'38"W 489.2 FEET. TO A POINT IN LOT 4 OF SAID SECTION, WHICH LIES S60°29'33"E 3626.46 FEET FROM NORTHWEST CORNER.

SAID STRIP OF LAND BEING 1259.7 FEET OR 76.35 RODS IN LENGTH, CONTAINING 0.868 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

LOT 5 27.63 RODS OR 0.314 ACRES

LOT 4 48.72 RODS OR 0.554 ACRES

BASIS OF BEARING:

BEARINGS SHOWN HEREON ARE MERCATOR GRID AND CONFORM TO THE NEW MEXICO COORDINATE SYSTEM "NEW MEXICO EAST ZONE" NORTH AMERICAN DATUM 1983, DISTANCES ARE SURFACE VALUES.

CERTIFICATION

I, CHAD HARCROW, A NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR CERTIFY THAT I DIRECTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THIS SURVEY AND PLAT WEST THE MINIMUM STANDARDS



HARCROW SURVEYING, LLC 2314 W. MAIN ST, ARTESIA, N.M. 88210 PH: (575) 746-2158



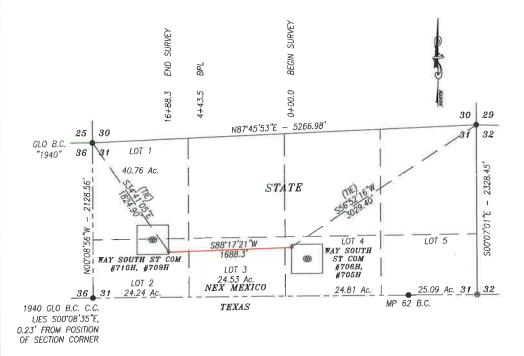
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COG OPERATING. LLC

SURVEY DATE: FE	BRAURY 25, 2019	706H & 705H RD
DRAFTING DATE:	MARCH 11, 2019	PAGE 1 OF 1
APPROVED BY: CH	DRAWN BY: AM	FILE: 19-301

A PROPOSED ROAD FROM THE WAY SOUTH ST COM #706H & #705H TO THE WAY SOUTH ST COM #710H & #709H IN

SECTION 31, TOWNSHIP 26 SOUTH, RANGE 28 EAST, N.M.P.M., EDDY COUNTY, NEW MEXICO.



DESCRIPTION

A STRIP OF LAND 30.0 FEET WIDE CROSSING STATE OF NEW MEXICO LAND IN SECTION 31, TOWNSHIP 26 SOUTH, RANGE 28 EAST, NMPM, EDDY COUNTY, NEW MEXICO AND BEING 15.0 FEET RIGHT AND 15.0 FEET LEFT OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY:

BEGINNING AT A POINT IN THE LOT 4 OF SAID SECTION, WHICH LIES \$56*52'16"W 3029.40 FEET FROM THE NORTHEAST CORNER; THEN \$88*17'21"W 1688.3 FEET, TO A POINT IN LOT 2 OF SAID SECTION, WHICH LIES \$34*41'05"E 1824.90 FEET FROM NORTHWEST CORNER.

SAID STRIP OF LAND BEING 1688.3 FEET OR 102.32 RODS IN LENGTH, CONTAINING 1.163 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

LOT 4 5.54 RODS OR 0.063 ACRES LOT 3 79.77 RODS OR 0.907 ACRES LOT 2 17.01 RODS OR 0.193 ACRES

BASIS OF BEARING:

BEARINGS SHOWN HEREON ARE MERCATOR GRID AND CONFORM TO THE NEW MEXICO COORDINATE SYSTEM "NEW MEXICO EAST ZONE" NORTH AMERICAN DATUM 1983. DISTANCES ARE SURFACE VALUES.

CERTIFICATION

I, CHAD HARCROW, A NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR CERTIFY THAT I DIRECTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS

Chad Harrow Professions 3/14/19

Chad Harrow Professions 3/14/19

Date

HARCROW SURVEYING, LLC 2314 W. MAIN ST, ARTESIA, N.M. 88210 PH: (575) 746-2158

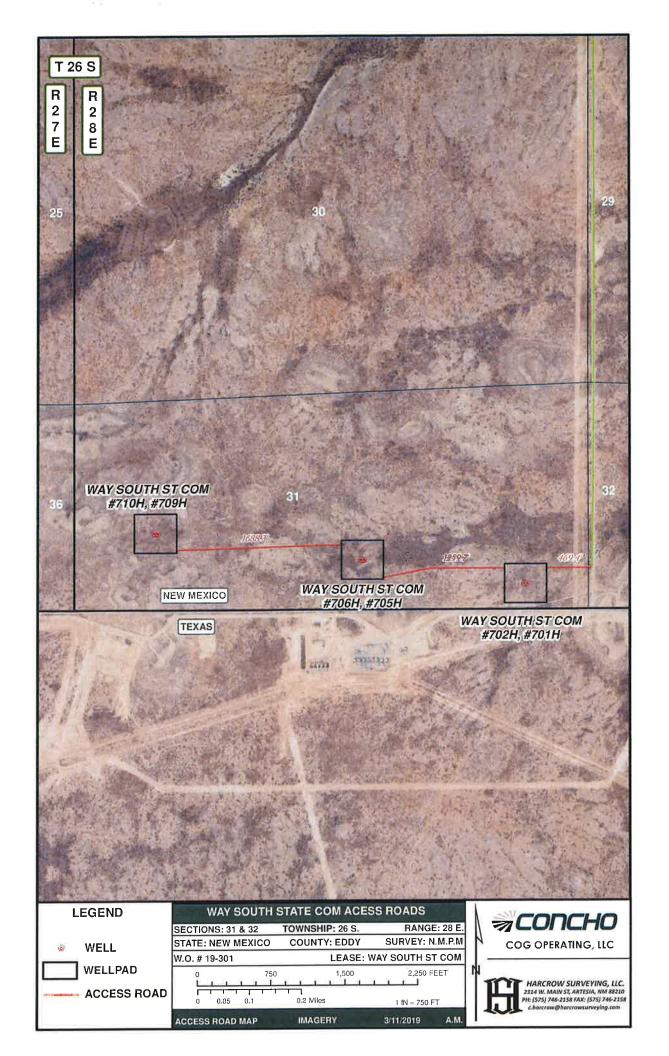
c.harcrow@harcrowsurveying.com

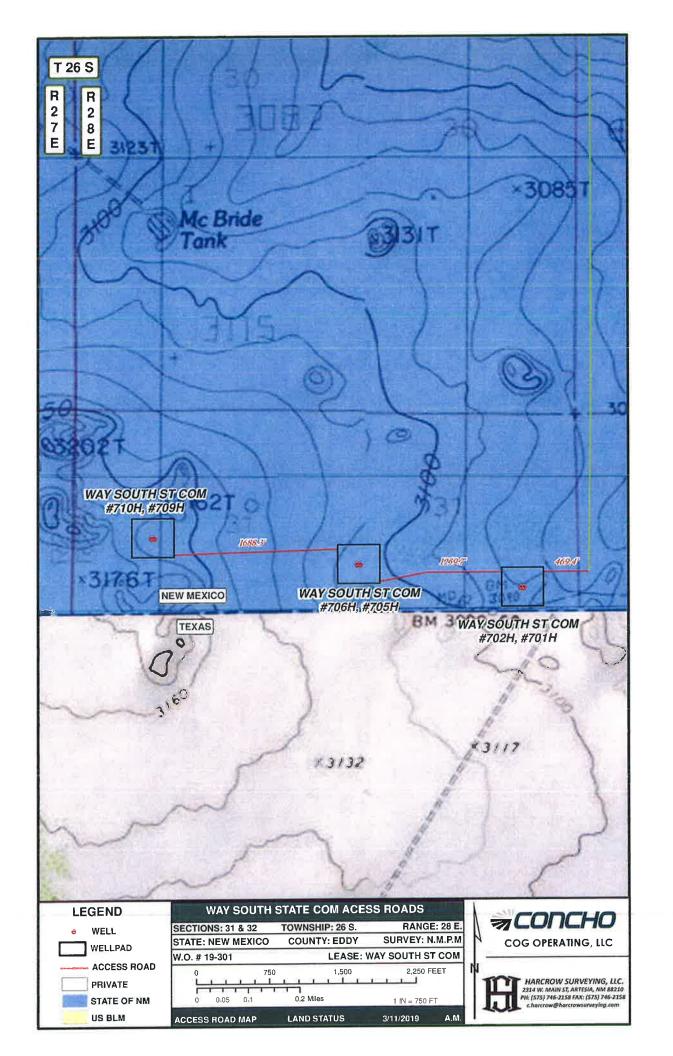


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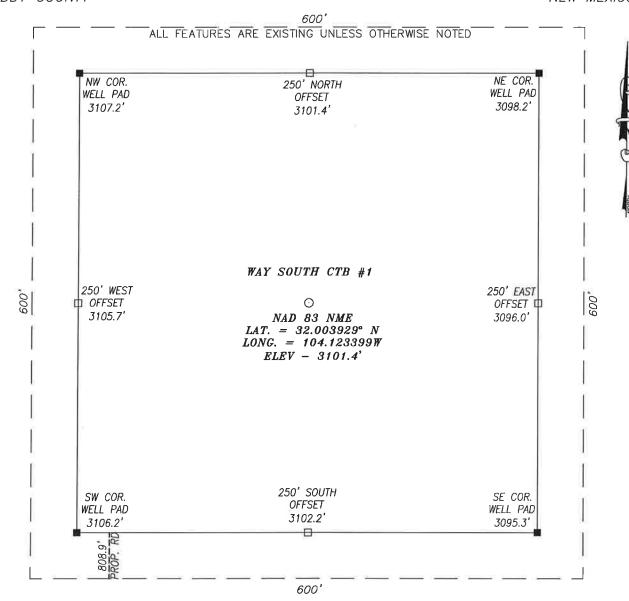
COG OPERATING, LLC

	SURVEY DATE: FEBRAURY 25, 2019	710H & 709H RD
I	DRAFTING DATE: MARCH 11, 2019	PAGE 1 OF 1
	APPROVED BY: CH DRAWN BY: AM	FILE: 19-301





SECTION 31, TOWNSHIP 26 SOUTH, RANGE 28 EAST, N.M.P.M., EDDY COUNTY NEW MEXICO



DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF U.S. HWY. 285 & WHITES CITY RD. (CR. 724), GO WESTERLY ON WHITES CITY RD. FOR APPROX. 3.1 MILES; THEN GO LEFT (SOUTH) ON CALICHE ROAD FOR APPROX. 4.4 MILES TO A PROPOSED ROAD FOR WAY SOUTH ST COM #701H & #702H; GO APPROX. 0.3 MILES WESTERLY TO PROPOSED CTB ROAD; THE PROPOSED CTB LIES APPROX. 1030 FEET NORTHWEST.

HARCROW SURVEYING, LLC 2314 W. MAIN ST, ARTESIA, N.M. 88210 PH: (575) 746-2158

c.harcrow@harcrowsurveying.com



100	0	100	200 Feet
н н н	Scale:	1"=100'	

COG OPERATING, LLC

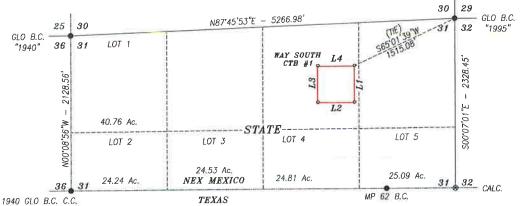
WAY SOUTH CTB #1
LOCATED 1440 FEET FROM THE SOUTH LINE
AND 1625 FEET FROM THE EAST LINE OF SECTION 31,
TOWNSHIP 26 SOUTH, RANGE 28 EAST, N.M.P.M.,
EDDY COUNTY, NEW MEXICO

SURVEY DATE: FEBR	600S	
DRAFTING DATE: MAI	PAGE: 1 OF	1
APPROVED BY: CH	FILE: 19-300	

EXHIBIT A STATE BUSINESS LEASE COG OPERATING, LLC

A PROPOSED CTB KNOWN AS THE "WAY SOUTH CTB #1" IN SECTION 31, TOWNSHIP 26 SOUTH, RANGE 28 EAST, N.M.P.M., NEW MEXICO. EDDY COUNTY,





LIES S00°08'56"E, 0.22' FROM POSITION OF SECTION CORNER

DESCRIPTION

A PROPOSED CTB LOCATED WITHIN STATE OF NEW MEXICO LAND IN SECTION 31, TOWNSHIP 26 SOUTH, RANGE 28 EAST, NMPM, EDDY COUNTY, NEW MEXICO AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT THE NORTHEAST CORNER OF THE PROPOSED CTB, WHICH LIES S65°01'39"W 1515.08 FEET FROM THE NORTHEAST CORNER OF SAID SECTION; THEN S00°00'11"W 500.00 FEET; THEN N89°59'47"W 500.00 FEET; THEN N00°00'11"W 500.00 FEET; THEN N89°59'47"E 500.00 FEET TO THE POINT OF BEGINNING.

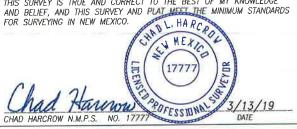
SAID PAD CONTAINS 5.739 ACRES AND LOCATED ENTIRELY IN THE NW/4 NE/4

BASIS OF BEARING:

BEARINGS SHOWN HEREON ARE MERCATOR GRID AND CONFORM TO THE NEW MEXICO COORDINATE SYSTEM "NEW MEXICO EAST ZONE" NORTH AMERICAN DATUM 1983. DISTANCES ARE SURFACE VALUES.

CERTIFICATION

CENTIFICATION 1, CHAD HARCROW, A NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR CERTIFY THAT I DIRECTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE



HARCROW SURVEYING, LLC 2314 W. MAIN ST, ARTESIA, N.M. 88210

PH: (575) 746-2158 c.harcrow@harcrowsurveying.com



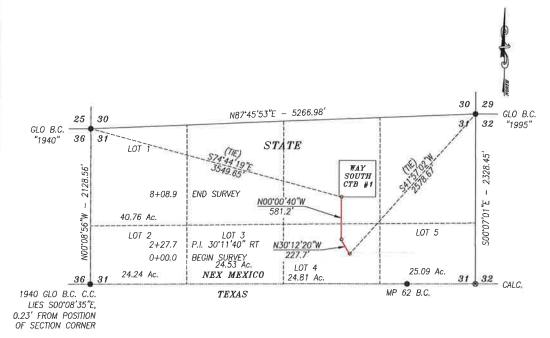
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COG OPERATING, LLC

SURVEY DATE: FEBRUARY 26, 2019	SBL EX. A
DRAFTING DATE: MARCH 8, 2019	PAGE 1 OF 1
APPROVED BY: CH DRAWN BY: AM	FILE: 19-300

EXHIBIT B ACCESS ROAD PLAT COG OPERATING, LLC

A PROPOSED ROAD FROM A PROPOSED ROAD TO THE WAY SOUTH CTB #1 IN SECTION 31, TOWNSHIP 26 SOUTH, RANGE 28 EAST, N.M.P.M., EDDY COUNTY, NEW MEXICO.



DESCRIPTION

A STRIP OF LAND 30.0 FEET WIDE CROSSING STATE OF NEW MEXICO LAND IN SECTION 31, TOWNSHIP 26 SOUTH, RANGE 28 EAST, NMPM, EDDY COUNTY, NEW MEXICO AND BEING 15.0 FEET RIGHT AND 15.0 FEET LEFT OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY:

BEGINNING AT A POINT IN THE LOT 4 OF SAID SECTION, WHICH LIES S41°57'02"W 2578.67 FEET FROM THE SOUTHEAST CORNER; THEN N30°12'20"W 227.7 FEET; THEN N00°00'40"W 581.2 FEET, TO A POINT IN THE NW/4 NE/4 OF SAID SECTION, WHICH LIES S74°44'19"E 3549.65 FEET FROM NORTHWEST CORNER.

SAID STRIP OF LAND BEING 808.9 FEET OR 49.02 RODS IN LENGTH, CONTAINING 0.557 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

LOT 1 26.70 RODS OR 0.303 ACRES NW/4 NE/4 22.32 RODS OR 0.254 ACRES

BASIS OF BEARING:

BEARINGS SHOWN HEREON ARE MERCATOR GRID AND CONFORM TO THE NEW MEXICO COORDINATE SYSTEM "NEW MEXICO EAST ZONE" NORTH AMERICAN DATUM 1983. DISTANCES ARE SURFACE VALUES.

CERTIFICATION

I, CHAD HARCROW, A NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR CERTIFY THAT I DIRECTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THIS SURVEY AND PLAT MEST THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO.



HARCROW SURVEYING, LLC 2314 W. MAIN ST, ARTESIA, N.M. 88210 PH: (575) 746-2158 c.harcrow@harcrowsurveying.com

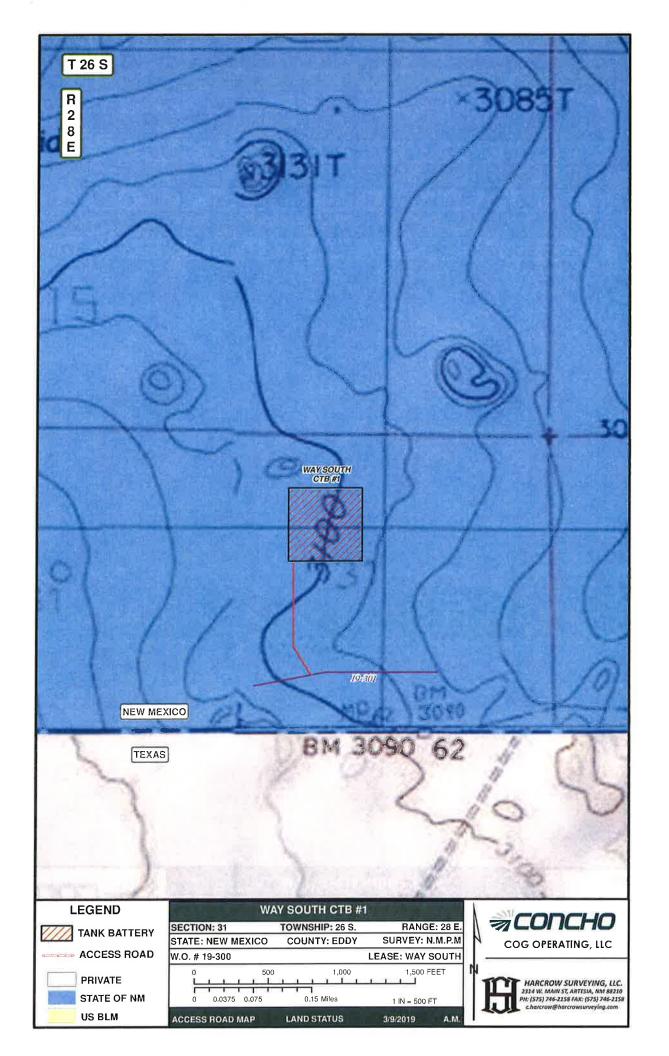


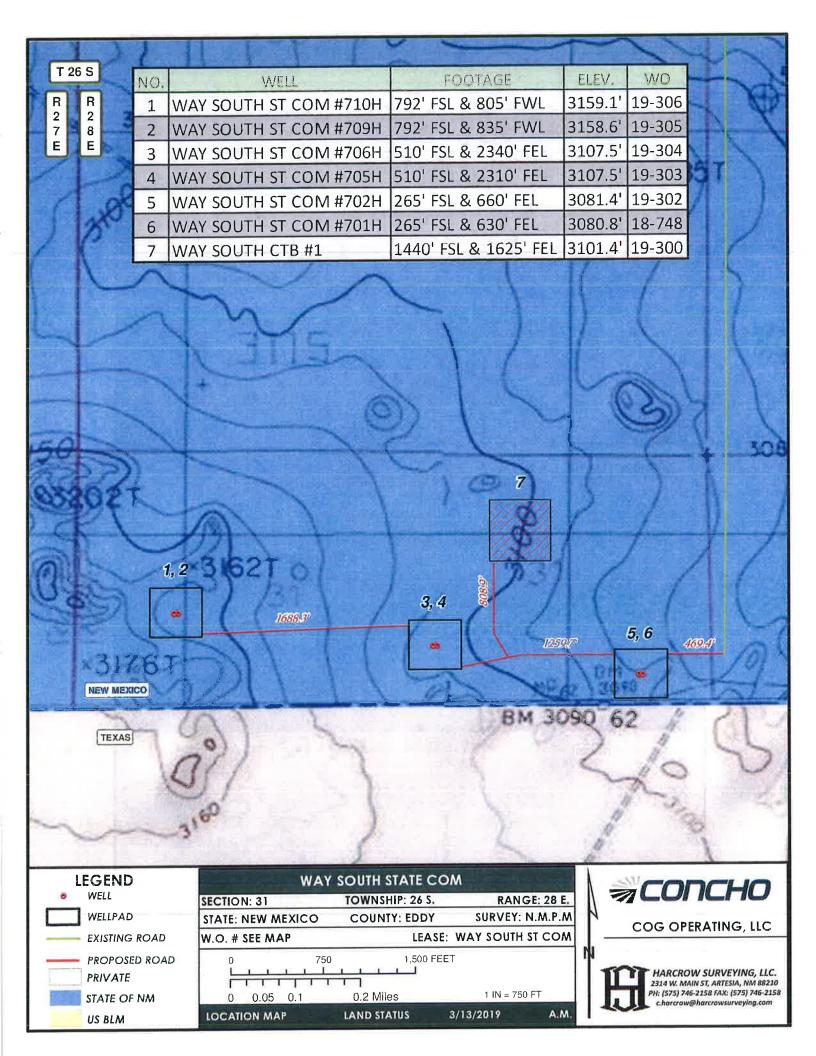
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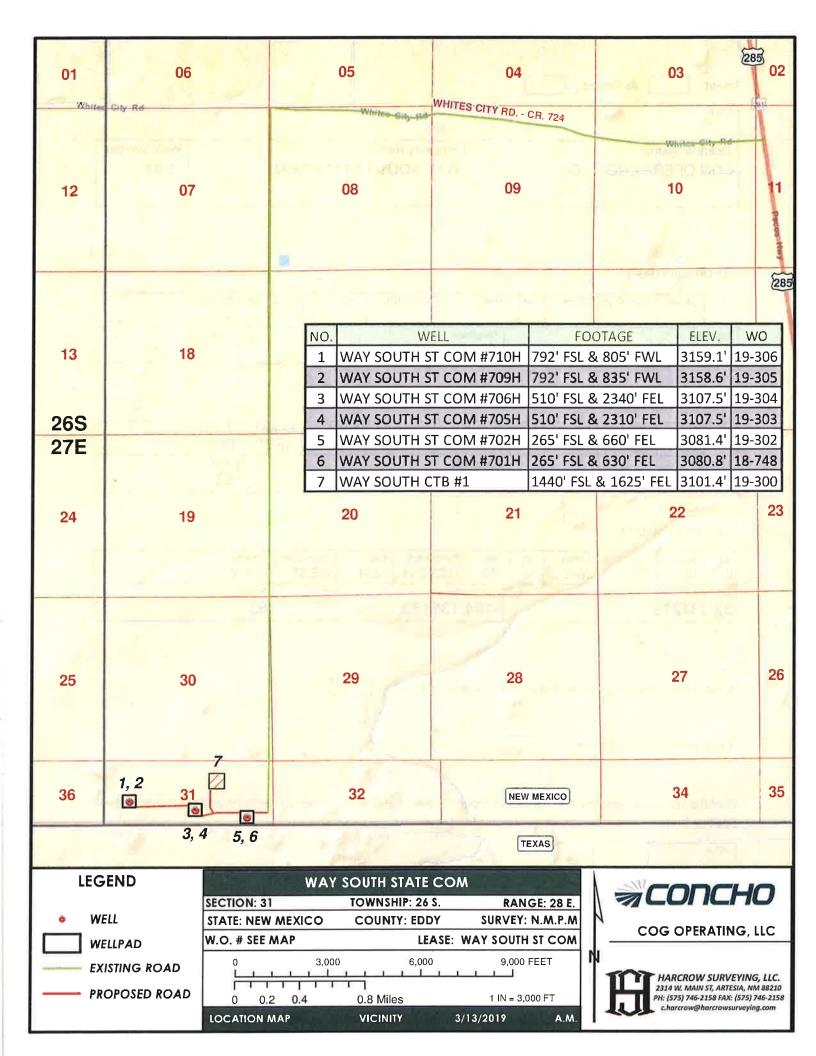
COG OPERATING, LLC

	SURVEY DATE: FEBRUARY 26, 2019		2019	SBL B	
1	DRAFTING D	ATE: M	MARCH 8,	2019	PAGE 1 OF 1
	APPROVED B	Y: CH	DRAWN B	Y: AM	FILE: 19-300









Inten		As Dril	led									
API#												
1	Operator Name: COG OPERATING, LLC						perty Name: Y SOUTH		COM	1		Well Number 709H
Kick (Off Point	(KOP)										
UL	Section	Township	Range	Lot	Feet		From N/S	Feet	Fron	n E/W	County	
Latit	ude				Longitu	ide					NAD	
					1,						L	
First ⁻	Take Poir	it (FTP)										
UL 2	Section 31	Township 26-S	Range 28-E	Lot	Feet 330		From N/S SOUTH	Feet 1254	From	n E/W ST	County EDDY	
Latitu		2			Longitu		083		· ·		NAD 83	
l act T	Take Poin	+ /I TP\									•	
UL	Section	Township	Range	Lot	Feet		m N/S Feet PRTH 125			Count		
Latitu		26-S	28-E		Longitu	ide		4 VVE3) I	NAD 83	T	
32.0	034219)			-104	. 131	133			03		
			vell for th	e Horiz	ontal Sp	oacin	g Unit?					
Is this	s well an	infill well?	,		J							
Spaci	ng Unit.	lease provi	ide API if a	availab	ile, Opei	rator	Name and v	vell numbe	er for	Definir	ng well fo	r Horizontal
API#												
Ope	rator Nai	ne:				Pro	perty Name:					Well Number

KZ 06/29/2018

DISTRICT I 1625 N. FRENCH DR., HOBBS, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720 State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION

DISTRICT II 811 S. FIRST ST., ARTESIA, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720

1220 SOUTH ST. FRANCIS DR. Santa Fe, New Mexico 87505

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

DISTRICT III
1000 RIO BRAZOS RD., AZTEC, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
DISTRICT IV
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505
Phone: (505) 478-3460 Fax: (505) 478-3462

 \square AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name			
Property Code		pperty Name TH STATE COM	Well Number 710H		
OGRID No.		erator Name ERATING, LLC	Elevation 3159.1		

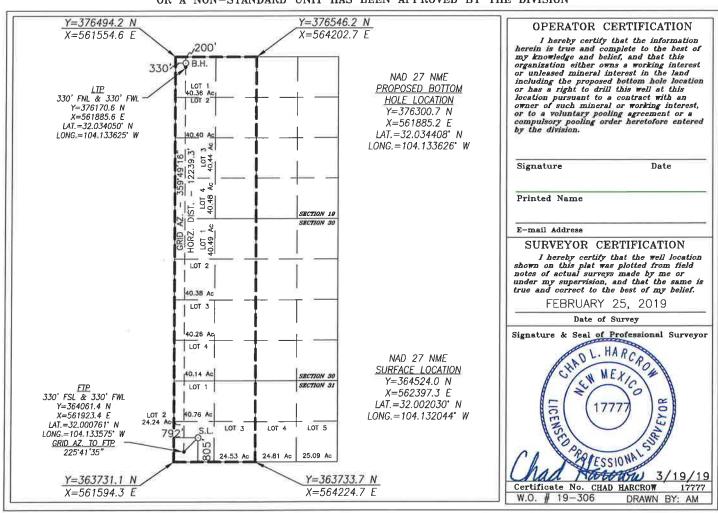
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
2	31	26-S	28-E		792	SOUTH	805	WEST	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
1	19	26-S	28-E		200	NORTH	330	WEST	EDDY
Dedicated Acres Joint or Infill Consolidation Code				Code Ore	ler No.				

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



DISTRICT I 1525 N. FRENCH DR., HOBBS, NM 88240 Phone: (575) 393-0161 Fax: (576) 393-0720 DISTRICT II 811 S. FIRST ST., ARTESIA, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-0720

State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION

1220 SOUTH ST. FRANCIS DR. Santa Fe, New Mexico 87505

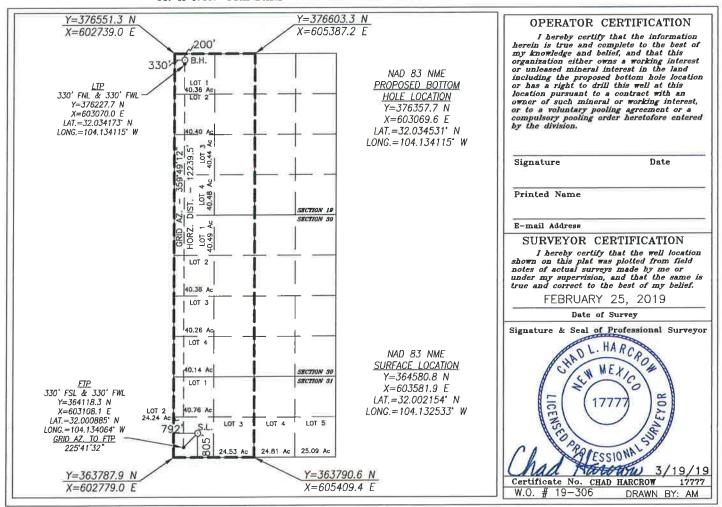
Form C-102 Revised August 1, 2011 Submit one copy to appropriate District Office

DISTRICT III 1000 RIO BRAZOS RD., AZTEC, NM 67410 Phone: (505) 334-6178 Fax: (505) 334-6170

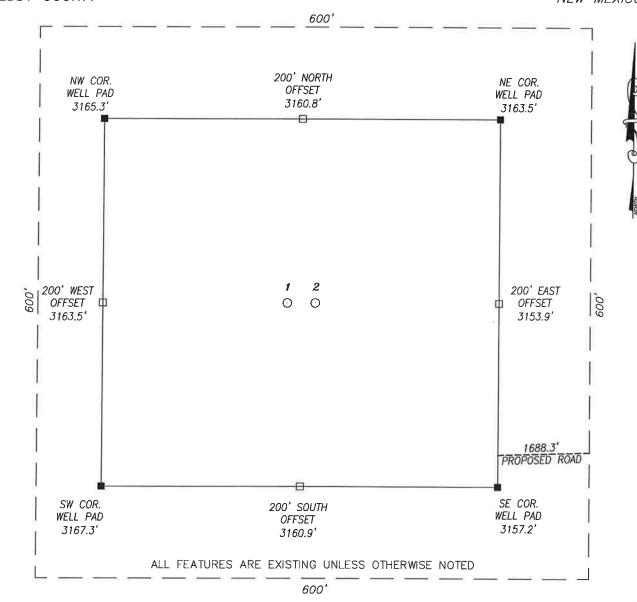
- AMENDED DEDODE

API Number			:	Pool Code		ACREAGE DEDICATION PLAT Pool Name				
Property Code			Property Name WAY SOUTH STATE COM						Well Number 710H	
ogrid n	ο,			Operator Name COG OPERATING, LLC					Elevation 3159.1'	
Surface Location										
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County	
2	31	26-S	28-E		792	SOUTH	805	WEST	EDDY	
			Bottom	Hole Loc	ation If Diff	erent From Sur	face			
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County	
1	19	26-S	28-E		200	NORTH	330	WEST	EDDY	
Dedicated Acre	Joint o	r Infill Con	nsolidation (Code Or	der No.					

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



SECTION 31, TOWNSHIP 26 SOUTH, RANGE 28 EAST, N.M.P.M., EDDY COUNTY NEW MEXICO



 NO.
 WELL
 FOOTAGE
 LAT.
 LONG.
 ELEV.

 1
 WAY SOUTH ST COM #710H
 792' FSL & 805' FWL
 32.002154° N
 104.132533° W
 3159.1'

 2
 WAY SOUTH ST COM #709H
 792' FSL & 835' FWL
 32.002154° N
 104.132436° W
 3158.6'

DIRECTIONS TO LOCATION

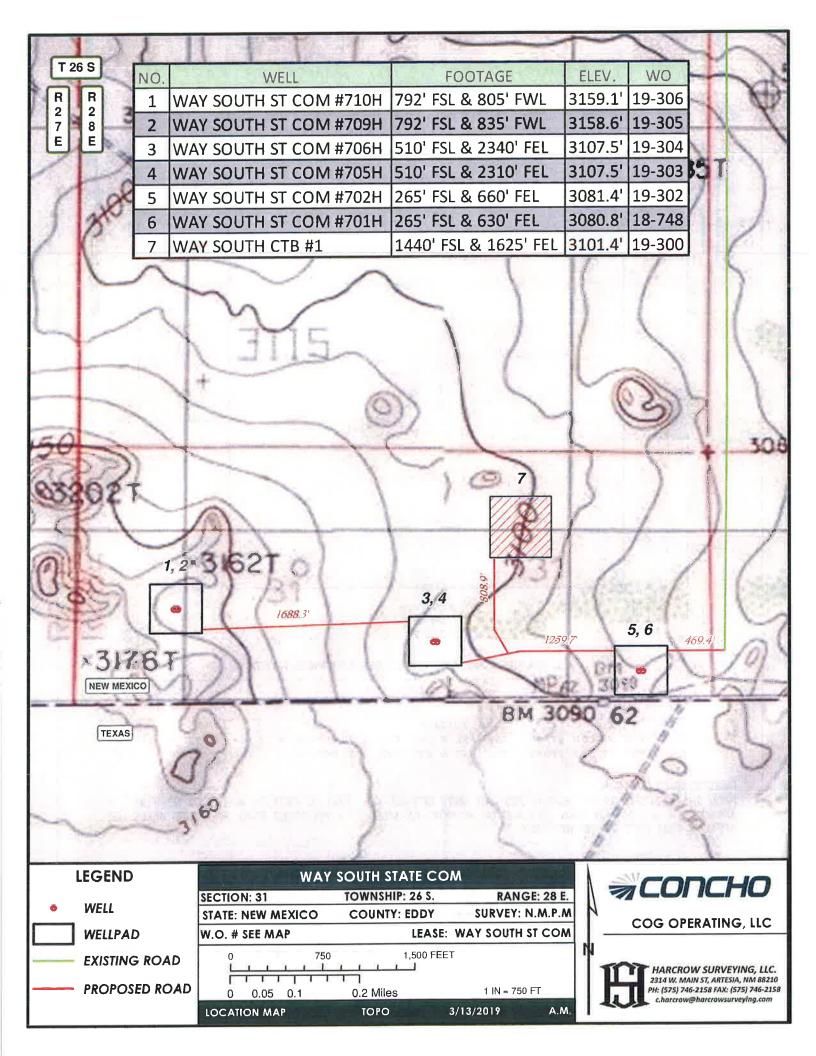
FROM THE INTERSECTION OF HIGHWAY 285 AND WHITE CITY RD. (CR. 724) GO EAST ON WHITE CITY RD. FOR APPROX. 3.1 MILES; THEN TURN LEFT AND GO APPROX. 4.5 MILES TO A PROPOSED ROAD. PROPOSED WELLS LIES APPROX. 4480 FEET TO THE WESTERLY.

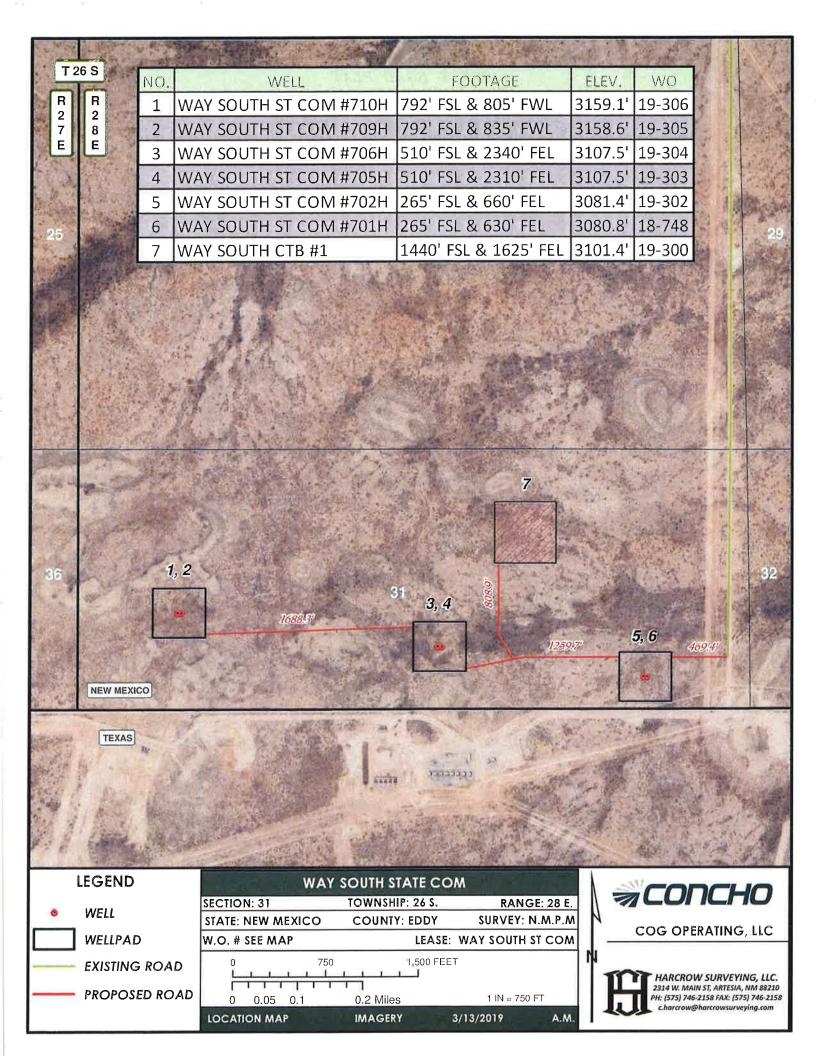
HARCROW SURVEYING, LLC 2314 W. MAIN ST, ARTESIA, N.M. 88210 PH: (575) 746-2158

c.harcrow@harcrowsurveying.com



100	<i>O</i>	100	200	Feet
	Scale:1"=100'			
COG	OPERAT	Ίľ	IG, LLC	
SURVEY DATE: FE	BRUARY 25, 20	019	600S	
DRAFTING DATE:			PAGE: 1 O	
APPROVED BY: CH	DRAWN BY:	AM	FILE: 19-305	-306

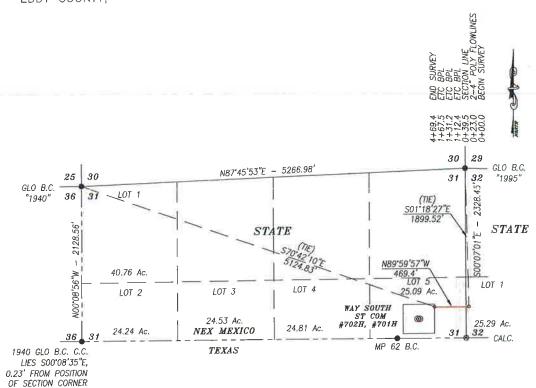




ACCESS ROAD PLAT COG OPERATING, LLC

A PROPOSED ROAD FROM AN EXISTING ROAD TO THE WAY SOUTH ST COM #702H & #701H IN

SECTIONS 32 & 31, TOWNSHIP 26 SOUTH, RANGE 28 EAST, N.M.P.M.,
EDDY COUNTY,
NEW MEXICO.



DESCRIPTION

A STRIP OF LAND 30.0 FEET WIDE CROSSING STATE OF NEW MEXICO LAND IN SECTIONS 32 & 31, TOWNSHIP 26 SOUTH, RANGE 28 EAST, NMPM, EDDY COUNTY, NEW MEXICO AND BEING 15.0 FEET RIGHT AND 15.0 FEET LEFT OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY:

BEGINNING AT A POINT IN THE LOT 1 OF SECTION 32, WHICH LIES S01°18'27"E 1899.52 FEET FROM THE NORTHWEST CORNER; THEN N89°59'57"W 469.4 FEET, TO A POINT IN LOT 5 OF SECTION 31, WHICH LIES S70°42'10"E 5124.83 FEET FROM NORTHWEST CORNER OF SECTION 31.

SAID STRIP OF LAND BEING 469.4 FEET OR 28.45 RODS IN LENGTH, CONTAINING 0.323 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

SECTION 32 LOT 1 2.39 RODS OR 0.027 ACRES SECTION 31 LOT 5 26.06 RODS OR 0.296 ACRES

BASIS OF BEARING: BEARINGS SHOWN HEREON ARE MERCATOR GRID AND CONFORM TO THE NEW MEXICO COORDINATE SYSTEM "NEW MEXICO EAST ZONE" NORTH AMERICAN DATUM 1983. DISTANCES ARE SURFACE VALUES.

CERTIFICATION

I, CHAD HARCROW, A NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR
CERTIFY THAT I DIRECTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT
THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE
AND BELIEF, AND THIS SURVEY AND PLAT HEET THE MINIMUM STANDARDS



HARCROW SURVEYING, LLC 2314 W. MAIN ST, ARTESIA, N.M. 88210 PH: (575) 746-2158 c.harcrow@harcrowsurveying.com



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	SCALE:	1"=1000'		ki.

COG OPERATING, LLC

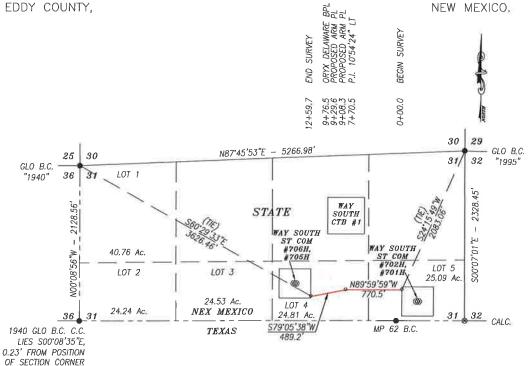
SURVEY OF A PROPOSED ACCESS ROAD LOCATED IN SECTIONS 32 & 31, TOWNSHIP 26 SOUTH, RANGE 28 EAST, NMPM, EDDY COUNTY, NEW MEXICO

SURVEY DATE: FEBRAURY 25, 2019	702H & 701H RD
DRAFTING DATE: MARCH 11, 2019	
APPROVED BY: CH DRAWN BY: AM	FILE: 19-301

ACCESS ROAD PLAT COG OPERATING, LLC

A PROPOSED ROAD FROM THE WAY SOUTH ST COM #702H & #701H TO THE WAY SOUTH ST COM #706H & #705H IN

SECTION 31, TOWNSHIP 26 SOUTH, RANGE 28 EAST, N.M.P.M.,



DESCRIPTION

A STRIP OF LAND 30.0 FEET WIDE CROSSING STATE OF NEW MEXICO LAND IN SECTION 31, TOWNSHIP 26 SOUTH, RANGE 28 EAST, NMPM, EDDY COUNTY, NEW MEXICO AND BEING 15.0 FEET RIGHT AND 15.0 FEET LEFT OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY:

BEGINNING AT A POINT IN THE LOT 5 OF SAID SECTION, WHICH LIES \$24*15'49"W 2083.06 FEET FROM THE NORTHEAST CORNER; THEN N89*59'59"W 770.5 FEET; THEN \$79*05'38"W 489.2 FEET, TO A POINT IN LOT 4 OF SAID SECTION, WHICH LIES \$60*29'33"E 3626.46 FEET FROM NORTHWEST CORNER.

SAID STRIP OF LAND BEING 1259.7 FEET OR 76.35 RODS IN LENGTH, CONTAINING 0.868 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

LOT 5 27.63 RODS OR 0.314 ACRES

LOT 4 48.72 RODS OR 0.554 ACRES

BASIS OF BEARING:

CHAD HARCROW N.M.P.S.

BEARINGS SHOWN HEREON ARE MERCATOR GRID AND CONFORM TO THE NEW MEXICO COORDINATE SYSTEM "NEW MEXICO EAST ZONE" NORTH AMERICAN DATUM 1983. DISTANCES ARE SURFACE VALUES.

CERTIFICATION

I, CHAD HARCROW, A NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR CERTIFY THAT I DIRECTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO.

MEXIC

DATE

2314 W. MAIN ST, ARTESIA, N.M. 88210 PH: (575) 746-2158 c.harcrow@harcrowsurveying.com

HARCROW SURVEYING, LLC



1000	0	10	2000	FEET	
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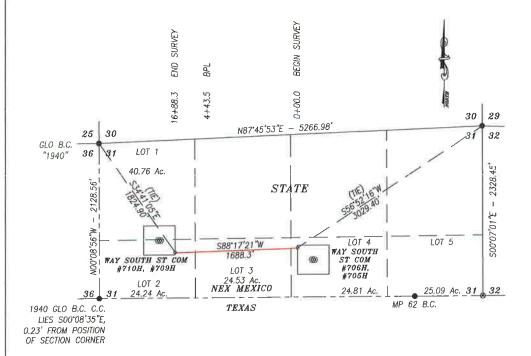
COG OPERATING, LLC

SURVEY OF A PROPOSED ACCESS ROAD LOCATED IN SECTION 31, TOWNSHIP 26 SOUTH, RANGE 28 EAST, NMPM, EDDY COUNTY, NEW MEXICO

SURVEY DATE: FEB	RAURY 25, 2019	706H & 705H RD
DRAFTING DATE: N	MARCH 11, 2019	PAGE 1 OF 1
APPROVED BY: CH	DRAWN BY: AM	FILE: 19-301

ACCESS ROAD PLAT COG OPERATING, LLC

A PROPOSED ROAD FROM THE WAY SOUTH ST COM #706H & #705H TO THE WAY SOUTH ST COM #710H & #709H IN SECTION 31. TOWNSHIP 26 SOUTH, RANGE 28 EAST, N.M.P.M., NEW MEXICO. EDDY COUNTY,



DESCRIPTION

A STRIP OF LAND 30.0 FEET WIDE CROSSING STATE OF NEW MEXICO LAND IN SECTION 31, TOWNSHIP 26 SOUTH, RANGE 28 EAST, NMPM, EDDY COUNTY, NEW MEXICO AND BEING 15.0 FEET RIGHT AND 15.0 FEET LEFT OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY:

BEGINNING AT A POINT IN THE LOT 4 OF SAID SECTION, WHICH LIES S56°52'16"W 3029.40 FEET FROM THE NORTHEAST CORNER; THEN S88°17'21"W 1688.3 FEET, TO A POINT IN LOT 2 OF SAID SECTION, WHICH LIES S34°41'05"E 1824.90 FEET FROM NORTHWEST CORNER.

SAID STRIP OF LAND BEING 1688.3 FEET OR 102.32 RODS IN LENGTH, CONTAINING 1.163 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

5.54 RODS OR 0.063 ACRES 10T 4 LOT 3 79.77 RODS OR 0.907 ACRES

LOT 2 17.01 RODS OR 0.193 ACRES

BASIS OF BEARING:

BEARINGS SHOWN HEREON ARE MERCATOR GRID AND CONFORM TO THE NEW MEXICO COORDINATE SYSTEM "NEW MEXICO EAST ZONE" NORTH AMERICAN DATUM 1983, DISTANCES ARE SURFACE VALUES.

CERTIFICATION

I, CHAD HARCROW, A NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR CERTIFY THAT I DIRECTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS

FOR SURVEYING IN NEW MEXICO. AD L. HARCRO MEXIC POLESSIONAL 3/14/19

HARCROW SURVEYING, LLC 2314 W. MAIN ST, ARTESIA, N.M. 88210 PH: (575) 746-2158

c.harcrow@harcrowsurveying.com

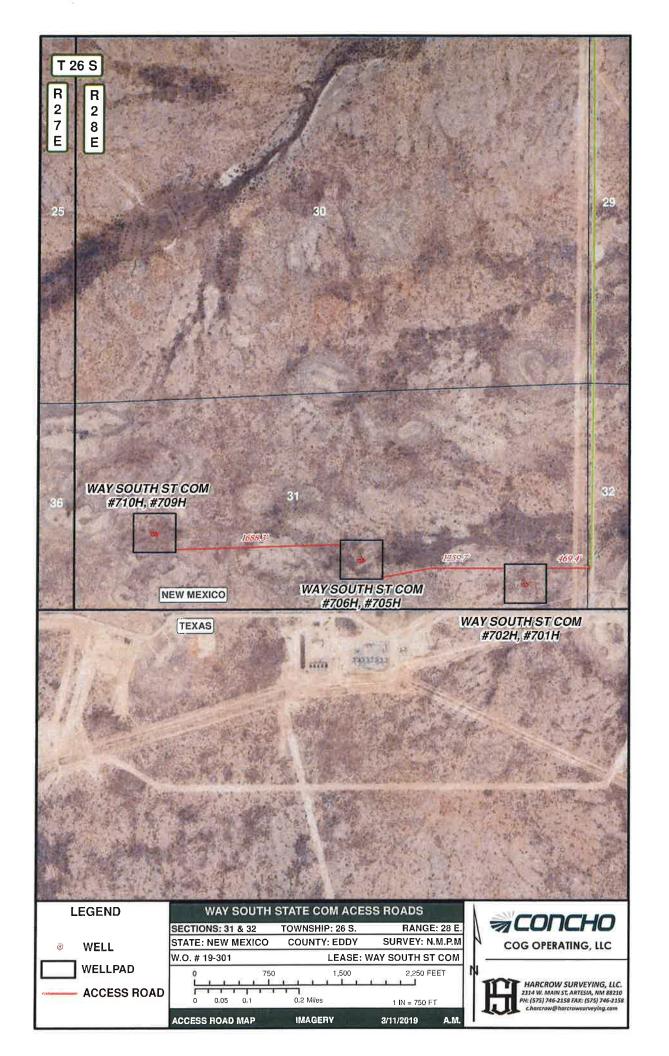


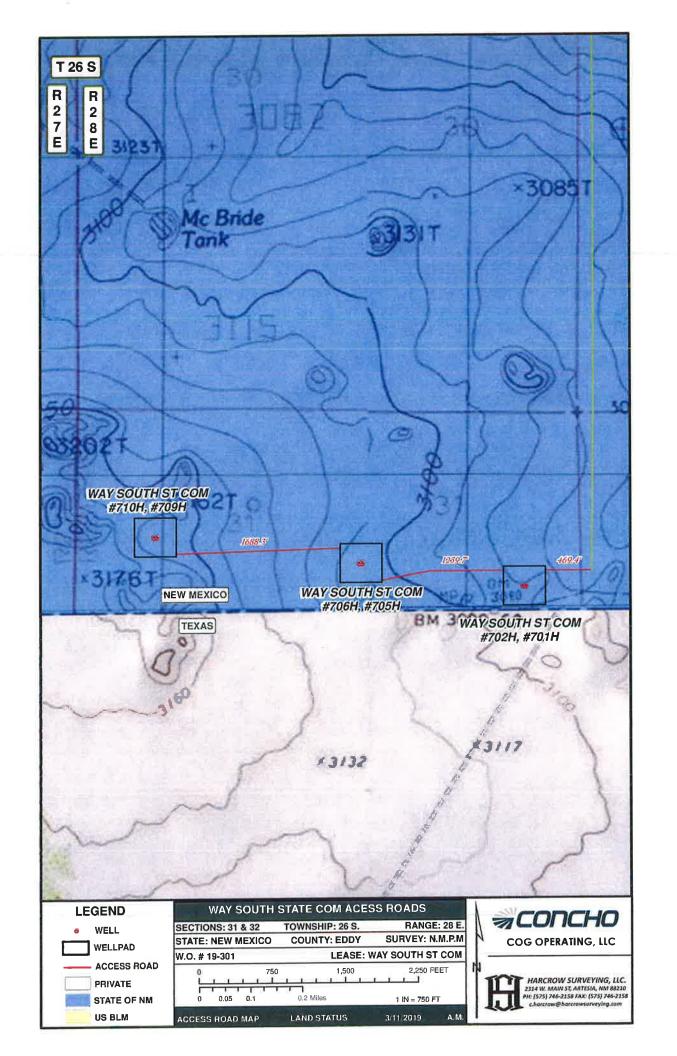
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COG OPERATING, LLC

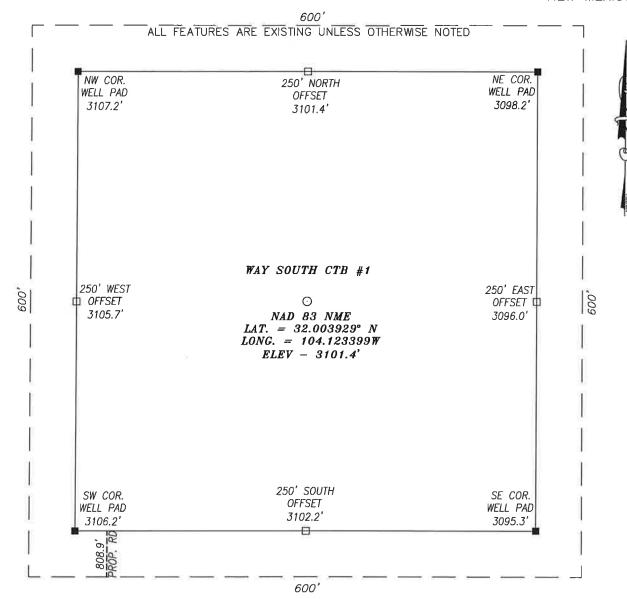
SURVEY OF A PROPOSED ACCESS ROAD LOCATED IN SECTION 31, TOWNSHIP 26 SOUTH, RANGE 28 EAST, NMPM, EDDY COUNTY, NEW MEXICO

SURVEY I	DATE:	FEBI	RAURY	25,	2019	710H	80	709H	RD
DRAFTIN	G DAT	E: M	IARCH	11, 2	019	PA	GE	1 OF	1
APPROVE	D BY:	CH	DRAW	√ BY	: AM	FII	E:	19-30)1





SECTION 31, TOWNSHIP 26 SOUTH, RANGE 28 EAST, N.M.P.M., EDDY COUNTY NEW MEXICO



DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF U.S. HWY. 285 & WHITES CITY RD. (CR. 724), GO WESTERLY ON WHITES CITY RD. FOR APPROX. 3.1 MILES; THEN GO LEFT (SOUTH) ON CALICHE ROAD FOR APPROX. 4.4 MILES TO A PROPOSED ROAD FOR WAY SOUTH ST COM #701H & #702H; GO APPROX. 0.3 MILES WESTERLY TO PROPOSED CTB ROAD; THE PROPOSED CTB LIES APPROX. 1030 FEET NORTHWEST.

HARCROW SURVEYING, LLC 2314 W. MAIN ST, ARTESIA, N.M. 88210 PH: (575) 746-2158

c.harcrow@harcrowsurveying.com



100	0	100	200 Feet
ннн	Scale:1	"=100'	

COG OPERATING, LLC

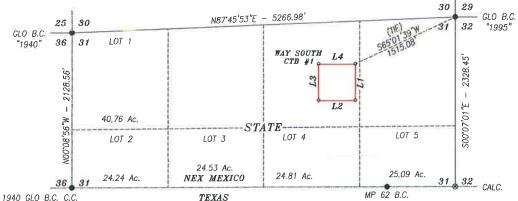
WAY SOUTH CTB #1
LOCATED 1440 FEET FROM THE SOUTH LINE
AND 1625 FEET FROM THE EAST LINE OF SECTION 31,
TOWNSHIP 26 SOUTH, RANGE 28 EAST, N.M.P.M.,
EDDY COUNTY, NEW MEXICO

SURVEY DATE: FEBRUARY	26, 20)19	600S				
DRAFTING DATE: MARCH 8,	2019		PAGE:	1	OF	1	
APPROVED BY: CH DRAW	N BY:	AM	FILE: 1	9-3	00		

EXHIBIT A STATE BUSINESS LEASE COG OPERATING, LLC

A PROPOSED CTB KNOWN AS THE "WAY SOUTH CTB #1" IN SECTION 31, TOWNSHIP 26 SOUTH, RANGE 28 EAST, N.M.P.M., EDDY COUNTY, NEW MEXICO.





LIES S00'08'56"E, 0.22' FROM POSITION OF SECTION CORNER

DESCRIPTION

A PROPOSED CTB LOCATED WITHIN STATE OF NEW MEXICO LAND IN SECTION 31, TOWNSHIP 26 SOUTH, RANGE 28 EAST, NMPM, EDDY COUNTY, NEW MEXICO AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT THE NORTHEAST CORNER OF THE PROPOSED CTB, WHICH LIES S65°01'39"W 1515.08 FEET FROM THE NORTHEAST CORNER OF SAID SECTION; THEN S00°00'11"W 500.00 FEET; THEN N89°59'47"W 500.00 FEET; THEN N00°00'11"W 500.00 FEET; THEN N89°59'47"E 500.00 FEET TO THE POINT OF BEGINNING.

SAID PAD CONTAINS 5.739 ACRES AND LOCATED ENTIRELY IN THE NW/4 NE/4

BASIS OF BEARING:

BEARINGS SHOWN HEREON ARE MERCATOR GRID AND CONFORM TO THE NEW MEXICO COORDINATE SYSTEM "NEW MEXICO EAST ZONE" NORTH AMERICAN DATUM 1983. DISTANCES ARE SURFACE VALUES.

CERTIFICATION

I, CHAD HARCROW, A NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR CERTIFY THAT I DIRECTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO.

POFESSIONAL

3/13/19___

HARCROW SURVEYING, LLC 2314 W. MAIN ST, ARTESIA, N.M. 88210

14 W. MAIN ST, ARTESIA, N.M. 8821 PH: (575) 746-2158 c.harcrow@harcrowsurveying.com



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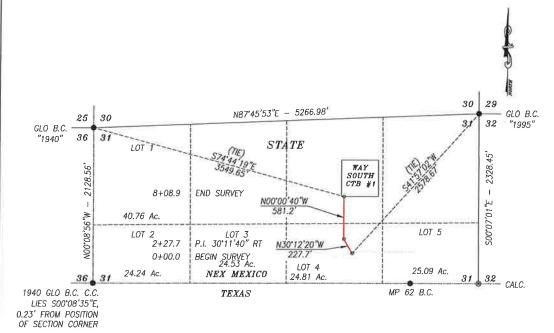
COG OPERATING, LLC

SURVEY OF A PROPOSED CTB LOCATED IN SECTION 31, TOWNSHIP 26 SOUTH, RANGE 28 EAST, NMPM, EDDY COUNTY, NEW MEXICO

	SURVEY DATE: FEBRUARY 26, 2019	SBL EX A
Ì	DRAFTING DATE: MARCH 8, 2019	PAGE 1 OF 1
	APPROVED BY: CH DRAWN BY: AM	FILE: 19-300

EXHIBIT B ACCESS ROAD PLAT COG OPERATING, LLC

A PROPOSED ROAD FROM A PROPOSED ROAD TO THE WAY SOUTH CTB #1 IN SECTION 31, TOWNSHIP 26 SOUTH, RANGE 28 EAST, N.M.P.M., EDDY COUNTY, NEW MEXICO.



DESCRIPTION

A STRIP OF LAND 30.0 FEET WIDE CROSSING STATE OF NEW MEXICO LAND IN SECTION 31, TOWNSHIP 26 SOUTH, RANGE 28 EAST, NMPM, EDDY COUNTY, NEW MEXICO AND BEING 15.0 FEET RIGHT AND 15.0 FEET LEFT OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY:

BEGINNING AT A POINT IN THE LOT 4 OF SAID SECTION, WHICH LIES S41°57'02"W 2578.67 FEET FROM THE SOUTHEAST CORNER; THEN N30°12'20"W 227.7 FEET; THEN N00°00'40"W 581.2 FEET, TO A POINT IN THE NW/4 NE/4 OF SAID SECTION, WHICH LIES S74°44'19"E 3549.65 FEET FROM NORTHWEST CORNER.

SAID STRIP OF LAND BEING 808.9 FEET OR 49.02 RODS IN LENGTH, CONTAINING 0.557 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

LOT 1 26.70 RODS OR 0.303 ACRES NW/4 NE/4 22.32 RODS OR 0.254 ACRES

3/13/19

BASIS OF BEARING:

BEARINGS SHOWN HEREON ARE MERCATOR GRID AND CONFORM TO THE NEW MEXICO COORDINATE SYSTEM "NEW MEXICO EAST ZONE" NORTH AMERICAN DATUM 1983. DISTANCES ARE SURFACE VALUES.

CERTIFICATION

I, CHAD HARCROW, A NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR CERTIFY THAT I DIRECTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO.

POFESSIONAL



HARCROW SURVEYING, LLC 2314 W. MAIN ST, ARTESIA, N.M. 88210 PH: (575) 746-2158 c.harcrow@harcrowsurveying.com



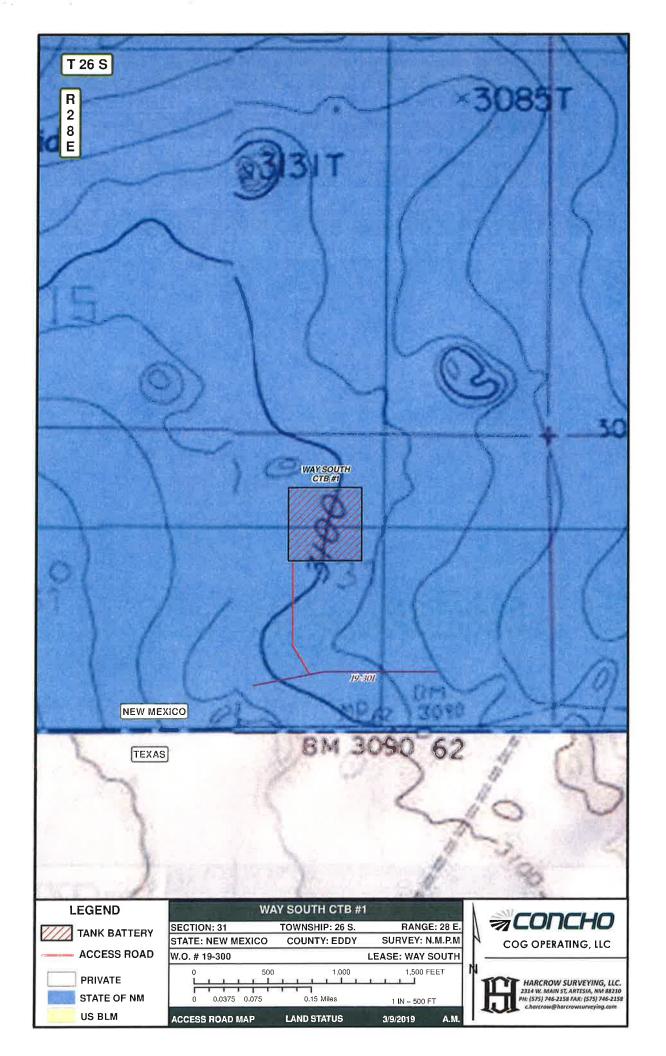
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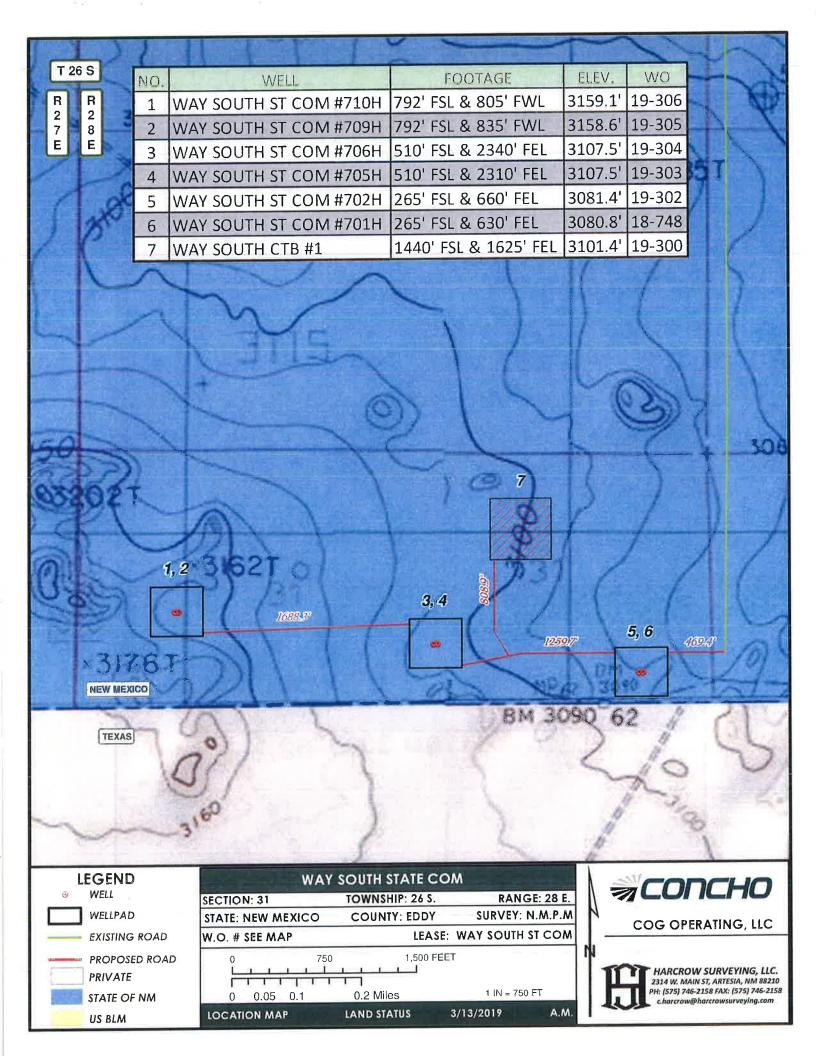
COG OPERATING, LLC

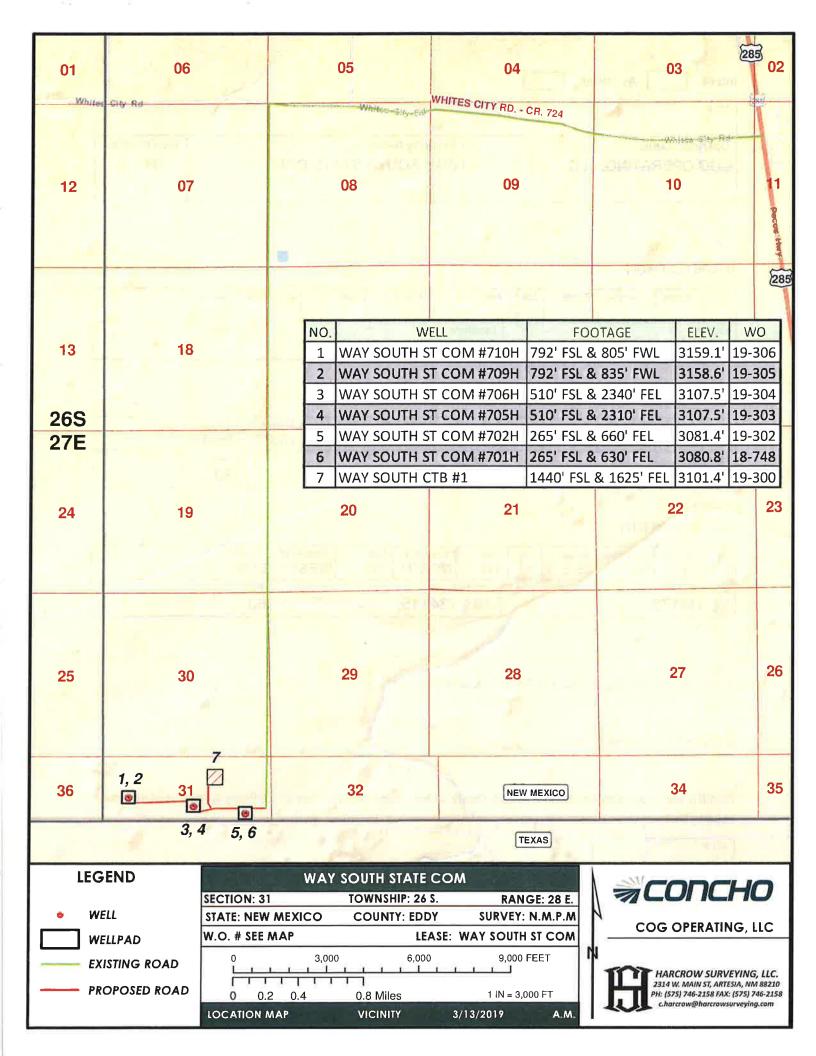
SURVEY OF A PROPOSED ACCESS ROAD LOCATED IN SECTION 31, TOWNSHIP 26 SOUTH, RANGE 28 EAST, NMPM, EDDY COUNTY, NEW MEXICO

SURVEY DATE: FEB	RUARY 26, 2019	SBL B
DRAFTING DATE: 1		PAGE 1 OF 1
APPROVED BY: CH	DRAWN BY: AM	FILE: 19-300



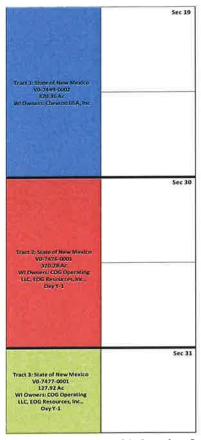


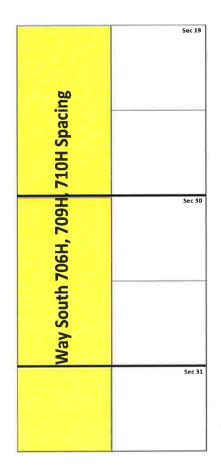




Inten		As Dril	ed											
Operator Name: COG OPERATING, LLC						1	oerty N Y SO			ATE (COM			Well Number 710H
Kick (Off Point ((KOP)												
UL	Section	Township	Range	Lot	Feet		From N	I/S	Feet		From	ı E/W	County	
Latitu	ıde				Longitu	ide							NAD	
								_						-
First 7	Гаке Poin	t (FTP)			٠									
UL	Section	Township	Range	Lot	Feet		From N		Feet			ı E/W	County	
2 Latitu	31 Ide	26-S	28-E		330 Longitu	ıde	SOUT	I H	330		WE	51	EDDY	
	000885	j			-104		064						83	
Last T	ake Poin	t (LTP)												
UL 1	Section 19	Township 26-S	Range 28-E	Lot	Feet 330		m N/S PRTH	330		From WES		Count EDD		
Latitu	ode 034173	\			Longitu		115	7				NAD 83		
52.0	004170	,			1.0,									
ls this	well the	defining v	vell for th	e Hori:	zontal S	pacin	g Unit?	. []				
	n													
ls this	well an	infill well?												
	ll is yes p ng Unit.	lease prov	ide API if	availat	ole, Ope	rator	Name	and v	well n	umbe	r for	Defini	ng well fo	r Horizontal
API#			1											
Ope	rator Na	me:	L			Pro	perty N	lame	:					Well Number

KZ 06/29/2018





Proposal	Sent	WI Parties:	
JOA	Sent	COG Operating LLC	X
COM	Sent	Concho Oil & Gas LLC	X
DPU	Sent	EOG Resources, LLC	No info received
		Chevron U.S.A., Inc.	Consented, Signed COM, OA
ORRI Parties:		Oxy Y-1 Company	Consented, haven't signed OA
Nestegg Energy	No Pooling Req.		
			Pooling

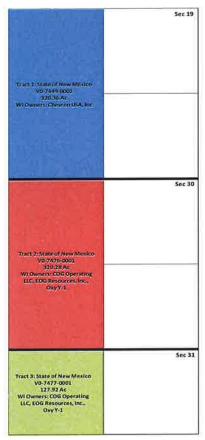
Leasehold Ownership									
COG WI Concho WI EOG WI Chevron WI O									
Tract 1 - Sec 19: W2	0.00%	0.00%	0.00%	100.00%	0.00%				
Tract 2 - Sec 30: W2	47.50%	2.50%	37.50%	0.00%	12.50%				
Tract 3 - Sec 31: NW	47.50%	2.50%	37.50%	0.00%	12.50%				

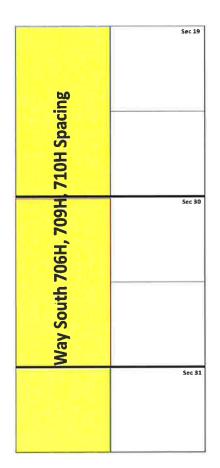
Notes - Oxy Y-1 has indicated that they will be fully participating in the wells and Operating Agreement, they just have yet to push it through management for approval. New OA is overlapping 2 older ones further spreading interest of WI parties. COG currently holds a contractual interest in every tract.

Unit Recapitulation

Owner	Working Interest
	•
COG Operating LLC	47.488869%
Concho Oil & Gas LLC	2.499414%
EOG Resources, Inc.	26.242584%
Chevron U.S.A., Inc.	20.853291%
Oxy Y-1 Company	2.915843%

Hearing Date: May 2, 2019



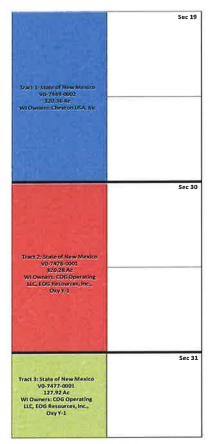


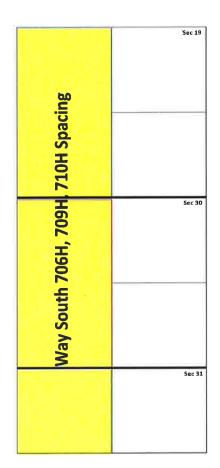
Proposal	Sent	WI Parties:	
JOA	Sent	COG Operating LLC	X
сом	Sent	Concho Oil & Gas LLC	X
DPU	Sent	EOG Resources, LLC	No info received
		Chevron U.S.A., Inc.	Consented, Signed COM, OA
ORRI Parties:		Oxy Y-1 Company	Consented, haven't signed OA
Nestegg Energy	No Pooling Req.		
			Pooling

Leasehold Ownership									
	cog wi	Concho WI	EOG WI	Chevron WI	Oxy WI				
Tract 1 - Sec 19: W2	0.00%	0.00%	0.00%	100.00%	0.00%				
Tract 2 - Sec 30: W2	47.50%	2.50%	37.50%	0.00%	12.50%				
Tract 3 - Sec 31: NW	47.50%	2.50%	37.50%	0.00%	12.50%				

Notes - Oxy Y-1 has indicated that they will be fully participating in the wells and Operating Agreement, they just have yet to push it through management for approval. New OA is overlapping 2 older ones further spreading interest of WI parties. COG currently holds a contractual interest in every tract.

Owner	Working Interest
COG Operating LLC	47.488869%
Concho Oil & Gas LLC	2.499414%
EOG Resources, Inc.	26.242584%
Chevron U.S.A., Inc.	20.853291%
Oxy Y-1 Company	2.915843%



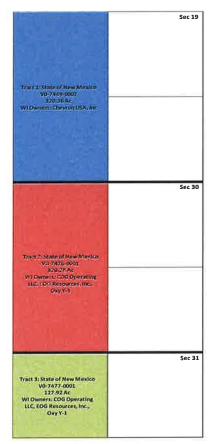


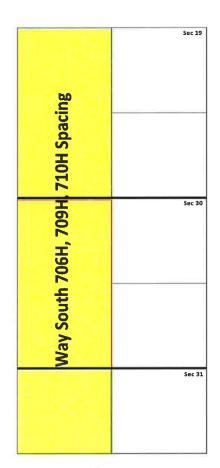
Proposal	Sent	WI Parties:	
JOA	Sent	COG Operating LLC	X
COM	Sent	Concho Oil & Gas LLC	X
DPU	Sent	EOG Resources, LLC	No info received
		Chevron U.S.A., Inc.	Consented, Signed COM, OA
ORRI Parties:		Oxy Y-1 Company	Consented, haven't signed OA
Nestegg Energy	No Pooling Req.		
			Pooling

Leasehold Ownership					
COG WI Concho WI EOG WI Chevron WI Oxy WI					
Tract 1 - Sec 19: W2	0.00%	0.00%	0.00%	100.00%	0.00%
Tract 2 - Sec 30: W2	47.50%	2.50%	37.50%	0.00%	12.50%
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Working Interest
47.488869%
2.499414%
26.242584%
20.853291%
2.915843%



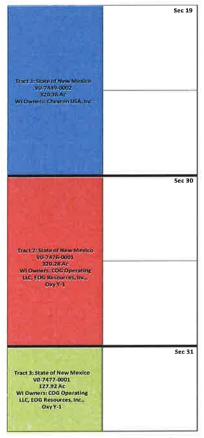


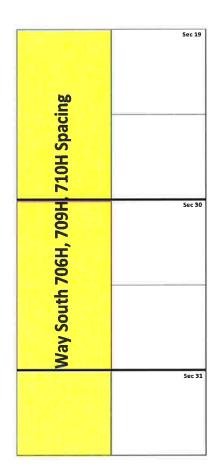
WI Parties: Proposal Sent JOA Sent **COG Operating LLC** X COM Sent Concho Oil & Gas LLC X **EOG Resources, LLC** No info received DPU Sent Chevron U.S.A., Inc. Consented, Signed COM, OA Oxy Y-1 Company Consented, haven't signed OA **ORRI Parties:** No Pooling Req. **Nestegg Energy** Pooling

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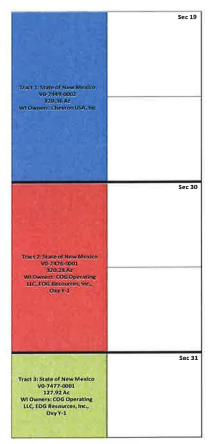


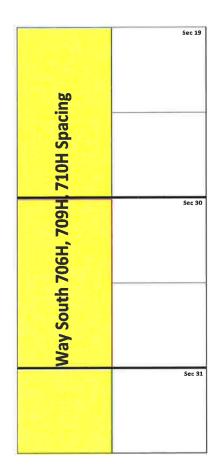
Proposal	Sent	WI Parties:	
JOA	Sent	COG Operating LLC	X
COM	Sent	Concho Oil & Gas LLC	X
DPU	Sent	EOG Resources, LLC	No info received
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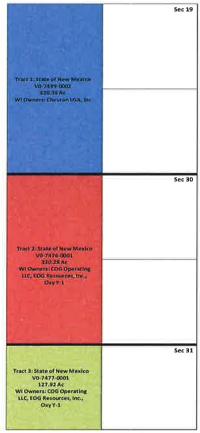


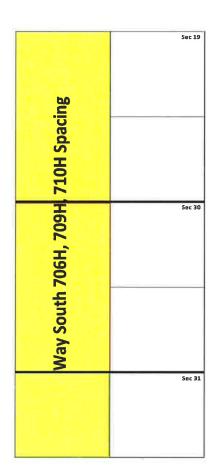
Proposal	Sent	WI Parties:	
JOA	Sent	COG Operating LLC	X.
COM	Sent	Concho Oil & Gas LLC	X
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Way South State Com 706H, 709H, 710H - Compulsory Pooling Info

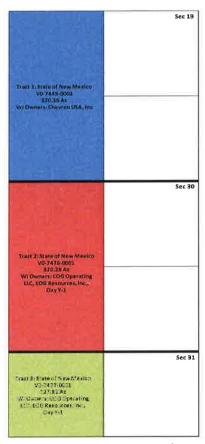
Sec 19: Lots 1-4, E2W2, Sec 30: Lots 1-4, E2W2, Sec 31: Lots 1-3, NENW

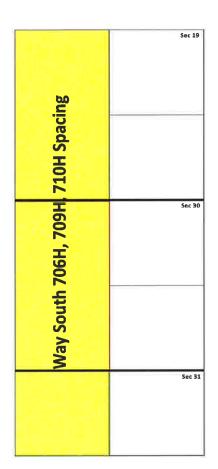
Proposai	sent	vvi Parties:	
JOA	Sent	COG Operating LLC	X
СОМ	Sent	Concho Oil & Gas LLC	X
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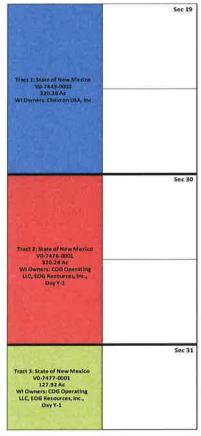


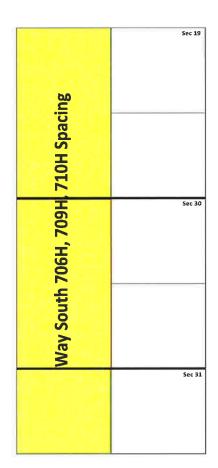
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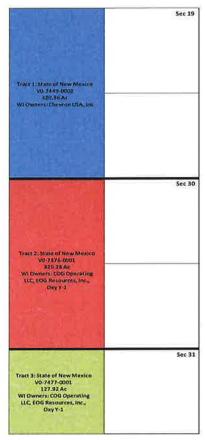


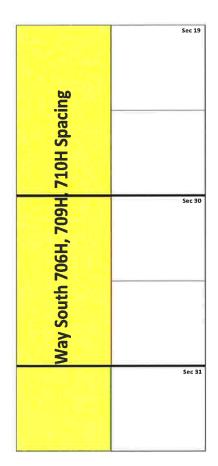
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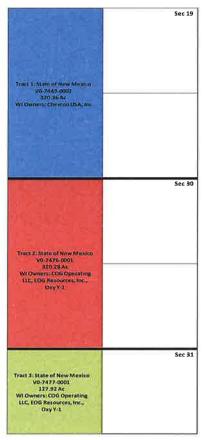


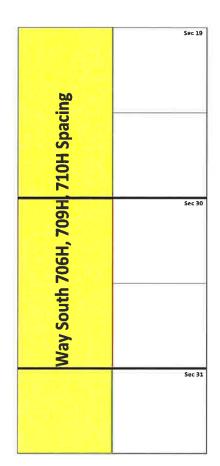
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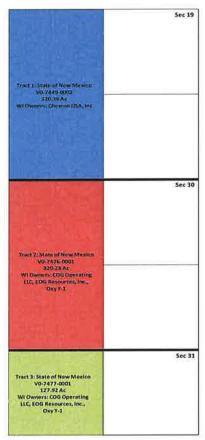


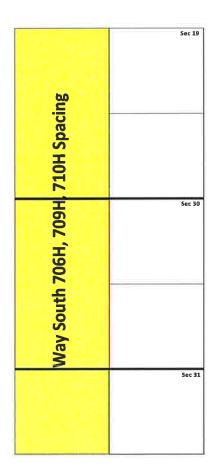
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January 24, 2019

Via Certified Mail, Return Receipt Requested
WORKING INTEREST OWNERS ON ATTACHED EXHIBIT "A"

Re:

Way South State Com 706H

W/2 of Sections 19, 30, 31, T26S-R28E Eddy County, New Mexico

Dear Sir or Madam:

COG Operating, LLC ("COG") re-proposes the drilling of the following horizontal well with a productive lateral located in the W/2 of Sections 19, 30, & 31, T26S-R28E, Eddy County, New Mexico. The surface pad location will be located in Unit G of Section 31, T26S-R28E (subject to change). COG is rescinding the previous proposal of the below-referenced well only; the Way South State Com 701H, 702H, 703H, 704H, and 705H are not being rescinded and are still located in an E/2 spacing unit.

• Way South State Com 706H, to be drilled to a depth sufficient to test the WFMP B Shale formation at a total measured depth of 20,900'. The surface location for this well is proposed at a legal location in Unit G of Section 31, and a bottom hole location at a legal location in Unit C of Section 19. The dedicated project area with be the W/2 of Sections 19, 30, and 31, T26S-R28E, Eddy County, New Mexico. The total estimated cost to drill and complete said well is \$12,220,000, as shown on the attached AFE.

COG is proposing this well under the terms of an Operating Agreement dated October 1, 2018, which was revised and sent January 8, 2019.

If we do not reach an agreement within 30 days of the date of this letter, COG will apply to the New Mexico Oil Conservation Division for compulsory pooling of your interest into a spacing unit for the proposed well.

Please indicate your participation elections in the space provided below, sign and return this letter, along with a signed copy of the enclosed AFEs and a copy of your geologic requirements, to my attention at the letterhead address or by email to tmacha@concho.com. Should you have any questions, please do not hesitate to contact me at 432.221.0452.

BEFORE THE OIL CONSERVATION DIVISION

Santa Fe, New Mexico
Exhibit No. 1-C
Case No. 20419
Submitted by: COG OPERATING, LLC

Hearing Date: May 2, 2019

January 24, 2019 Way South State	
Sincerely,	
COG Operating	шс
Travis Macha Landman	
TM:bh Enc	
	I/We hereby elect to participate in the drilling and completion of the Way South State Com 706H.
	I/We hereby elect <u>not</u> to participate in the drilling and completion of the Way South State Com 706H.
Ву:	
Name:	
Date:	

January 23, 2019 – Page 3 Way South State Com 703H, 704H, 706H

EXHIBIT "A" WORKING INTEREST OWNERS

Via Certified Mail, Return Receipt Requested No. 91 7199 9991 7038 7766 6422 Chevron U.S.A. Inc. 6301 Deauville Midland, TX 79706 Attn: Kristen Hunter

Via Certified Mail, Return Receipt Requested No. 91 7199 9991 7038 7766 6415
EOG Y Resources Inc.
EOG M Resources Inc.
5509 Champions Drive
Midland, TX 79706
Attn: Land Manager

Via Certified Mail, Return Receipt Requested No. 91 7199 9991 7038 7766 6408 OXY Y-1 Company 5 Greenway Plaza, Suite 110 Houston, TX 77046 Attn: Jeremy Murphrey



February 7, 2019

Via Federal Express
EOG Resources Inc.
5509 Champions Drive
Midland, TX 79706
Attn: Land Manager

Re:

Way South State Com 706H

W/2 of Sections 19, 30, 31, T26S-R28E

Eddy County, New Mexico

Dear Sir or Madam:

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This letter was previously mailed to EOG Y Resources, Inc., EOG M Resources, Inc., and EOG A Resources, Inc. on January 24, 2019, but we have recently received notification of a merger of these entities into EOG Resources, Inc., and are notifying said entity accordingly.

February 7, 201 Way South State	
Sincerely,	
COG Operating	g LLC
Travis Macha Landman	
TM:bh Enc	
20.	
	I/We hereby elect to participate in the drilling and completion of the Way South State Com 706H.
	I/We hereby elect <u>not</u> to participate in the drilling and completion of the Way South State Com 706H.
Ву:	
Name:	
Title:	
Date:	

COG OPERATING LLC AUTHORITY FOR EXPENDITURE Drill & Complete

Well Name WAY SOUTH STATE COM 706H
SHL: 510 FSL & 2340 FEL (OR UNIT G), SEC. 31
BHL: 200 FNL & 2335 FWL (OR UNIT C), SEC. 19
FORMANDO, WOLL FOARD S

Prospect State & County Objective

Alias 2028 NEW MEXICO, EDDY COUNTY Drill & Complete

AFE Numbers Cost Description Translate Costs D-Surface Casing D-Intermed Casing D-Production Casing/Liner D-Wellhead Equip C-Tubing C-Wellhead Equip PEG-Pumping Unit PEG-Rods IB-Tenks IB-Coupings/Fillings/Valves IB-Gas Litt/Compression D-Miscellansous IB-Pumps-Surface IB-Meters/Lacts IB-Herers/Lacts IB-Herers/Lacts IB-Herers/Lacts IB-Herers/Lacts IB-Tenks/Combusters/Emission D-Gas Litt/Compression D-Gas Litt/Compression D-EQ-Instrumentation/SCADA/POC IB-Critical System IB-Q-Welfread Equipment IB-Q-Welfread Equipment IB-Q-Welfread Equipment IB-Q-Pumps IB-Q-Blocking/Anchoru/Hangera IB-Teller/Permis Interpretion Interpreti	401 402 403 405 504 505 508 510 511 512 513 514 815 526 527 629 530 531 525 530 531 542 543 550 550 550 550 550 550 550 550 550 55	\$46,000.00 \$376,000.00 \$405,000.00 \$405,000.00 \$40,000.00 \$40,000.00 \$477,000.00 \$477,000.00 \$477,000.00 \$477,000.00 \$477,000.00 \$477,000.00 \$477,000.00 \$477,000.00 \$477,000.00 \$477,000.00 \$477,000.00 \$477,000.00 \$477,000.00 \$477,000.00 \$477,000.00 \$477,000.00 \$477,000.00 \$477,000.00 \$477,000.00 \$477,000.00 \$477,000.00 \$477,000.00 \$477,000.00 \$477,000.00 \$477,000.00 \$477,000.00 \$477,000.00 \$477,000.00 \$477,000.00 \$477,000.00 \$477,000.00 \$477,000.00 \$477,000.00	Revision	\$48.000 \$376.000 \$40.000 \$47.500 \$47.500 \$47.300 \$47.300 \$47.300 \$48.000 \$48.000 \$48.000 \$48.000 \$48.000 \$48.000 \$48.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.0000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$49.000 \$40.000 \$40.000 \$40.000 \$40.
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#EQ-Pumping Unit #EQ-Rads B-Tanke B-Franke B-Finwlines/Pipellines B-Hin Trin/Seprir B-Electrical System/Equipment B-Electrical System/Equipment B-Couplings/Fillings/Valves B-Gas Litt/Compression -Miscellaneous B-Weisrs/Lacts B-Pumps-Surfaco B-Meisrs/Lacts B-Hires/Combusters/Emission -Gas Litt/Compression EQ-Instrumentation/ScADA/POC EQ-Tubing EQ-Weishead Equipment EQ-Packers/Anchors/Hangers EQ-Packers/Anchors/Hangers EQ-Packers/Anchors/Hangers EQ-Miscellaneous otal Trapible Costs **Inter/Permits -Insurance -I-Damages/ROW	506 508 510 611 512 513 514 815 516 516 525 526 527 529 520 531 532 533 634 535	\$96,000 00 \$35,000 00 \$45,000 00 \$117,000 00 \$88,000 00 \$185,000 00 \$185,000 00 \$195,000 00 \$195,000 00 \$195,000 00 \$195,000 00 \$10,000 00 \$10,	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 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B-FlowInas/Pipelinas (B-Hir Trit/Seprir B-Elactrical System/Equipment B-Elactrical System/Equipment B-Couplings/Fillings/Valves B-Gas Litt/Compression Miscellanaeous B-Pumps-Burface B-Meters/Lacts B-Flores/Combusters/Emission G-Sas Lift/Compression Construentation/SCADA/POC EQ-Tubing EQ-Pumps EQ-Pumps EQ-Pumps EQ-Pumps EQ-Pumps EQ-Packers/Anchors/Hangers EQ-Packers/Anchors/Hangers EQ-Packers/Anchors/Hangers EQ-Model Tengible Costs S-Title/Pemis -Insurance -Insurance -Insurance -Io-Damages/ROW	510 511 512 513 514 815 518 519 525 526 527 529 530 531 532 533 534 535	\$95,000,00 \$117,000,00 \$81000,00 \$85,000,00 \$165,000,00 \$15,000,00 \$10,000,00 \$10,000,00 \$11,000,00 \$11,000,00 \$11,000,00 \$11,000,00 \$11,000,00 \$11,000,00 \$11,000,00 \$11,000,00 \$11,000,00 \$11,000,00 \$11,000,00 \$11,000,00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 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B-Hir Trid/Septr B-Electrical System/Equipment -Pckrs/Anchors/Hgrs B-Coupings/Fillings/valves B-Coupings/Fillings/valves B-Coupings/Fillings/valves B-Coupings/Fillings/valves B-Pumps-Surfaco B-Meters/Lactb B-Pumps-Surfaco B-Meters/Lactb B-Pirers/Combusters/Emission -Casa Lift/Compression Col-Instrumentation/SCADA/POC EQ-Tubing EQ-Vibring E	512 513 514 615 516 521 525 526 527 527 529 530 531 532 533 534 535	\$117,000,00 \$88,000,00 \$185,000,00 \$185,000,00 \$180,000,00 \$10,000,00 \$11,000,00 \$11,000,00 \$11,000,00 \$15,000,00 \$15,000,00 \$15,000,00 \$15,000,00 \$15,000,00 \$15,000,00 \$15,000,00 \$15,000,00 \$15,000,00 \$15,000,00 \$15,000,00 \$15,000,00 \$15,000,00 \$15,000,00 \$15,000,00 \$15,000,00 \$15,000,00 \$15,000,00 \$15,000,00 \$15,000,00 \$15,000,00 \$15,000,00 \$15,000,00 \$15,000,00 \$15,000,00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$117.00 \$88,00 \$186,00 \$165,00 \$165,00 \$180,00 \$180,00 \$180,00 \$180,00 \$180,00 \$180,00 \$180,00 \$180,00 \$180,00 \$180,00 \$180,00 \$180,00 \$180,00 \$180,00 \$180,00 \$180,00 \$180,00 \$180,00 \$180,00 \$180,00 \$180,00 \$180,00 \$180,00 \$180,00 \$180,00 \$180,00 \$180,00 \$180,00
R-Electrical System/EquipmentPickrs/Anchors/Hgrs B-Couplings/Fillings/Valves B-Gas Lit/CompressionMiscellaneous B-Pumps-Surface B-Melers/Lacks B-Fleres/Combusters/EmissionGas Lit/CompressionGas Lit/CompressionGas Lit/CompressionGas Lit/CompressionGas Lit/CompressionGas Lit/CompressionGas Lit/Compression	513 514 515 516 519 521 525 527 529 530 531 532 533 534 535	\$88 000 00 \$86 000 00 \$165 000 00 \$35 000 00 \$30 000 00 \$31,000 00 \$32 000 00 \$31,000 00 \$5,000	00 07 00 08 00 08 00 08 00 08 00 08 00 09 00 00 00 00 00 00 00 00 00 00 00 00 00	\$88.00 \$195.00 \$155.00 \$155.00 \$150.00 \$130.00 \$31.00 \$150.00 \$7.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.0
-P.ckrs/Anchors/Hyrs B-Cuplings/Fillings/Valves B-Gas Lift/Compression -Misceflanaous B-Purpas-Surfaco B-Meters/Lacts B-Pirarsy/Combuslers/Emission -Gas Lift/Compression EO-Instrumentation/SCADA/POC EO-Tubring EO-Welhead Equipmen EO-Welhead Equipmen EO-Purpas EO-Electrical System EO-Packers/Anchors/Hangers EO-Misceflanaous EO-M	514 515 518 519 521 525 526 527 629 530 531 532 533 534 535	\$86,000.00 \$185,000.00 \$39,000.00 \$40,000.00 \$18,000.00 \$11,000.00 \$31,000.00 \$11,000.00 \$47,000.00 \$5,000.00 \$5,000.00 \$5,000.00 \$5,000.00 \$5,000.00 \$5,000.00 \$5,000.00 \$5,000.00 \$5,000.00 \$5,000.00 \$5,000.00 \$5,000.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 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\$0.00 \$0.00 \$0.00	\$69.00 \$165.00 \$185.00 \$180.00 \$180.00 \$32,00 \$15.00 \$7.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 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B-Couplings/Fillings/Valves B-Gas Lift/Compression -Miscellanaous B-Heras/Combusters/Emission -das Lift/Compression G-Instrumentation/ScADA/POC EO-Tubing EO-Wishlead Equipment EO-Profits EO-Ecircial System EO-Packars/Anchors/Hangers EO-Miscellanaous EO-Miscellanaous tangible Costs ttangible Costs ttangible Costs -Instruments S-Title/Permits -Instruments	515 518 519 521 525 526 527 529 530 531 532 533 534 535	\$165,000 00 \$39,000 00 \$40,000 00 \$16,000 00 \$32,000 00 \$31,000 00 \$15,000 00 \$5,000 00 \$5,000 00 \$5,000 00 \$5,000 00 \$1,000 00 \$1,000 00 \$1,000 00 \$1,000 00 \$1,000 00	50 00 50	\$105,00 \$150,00 \$150,00 \$160,00 \$178,00 \$131,00 \$131,00 \$17,00 \$53,00 \$53,00 \$155,00 \$22,00 \$33,00 \$35,00 \$35,00 \$35,00 \$35,00 \$35,00 \$35,00 \$35,00 \$35,00 \$35,00 \$35,00 \$35,00 \$35,00
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9-Meters/Lacts P-Fleres/Combusters/Emission -Gas LtM/Compression -Gas LtM/Compression EQ-Instrumentation/SCADA/POC EQ-Tubing EQ-Withlead Equipment EQ-Pumps EQ-Electrical System EQ-Packers/Anchors/Hangers EQ-Miscellangous 100-Title/Pempt Langible Costs 5-Title/Pempt -Instrumce -D-Amages/ROW	525 526 527 529 530 531 532 533 534 535 201 202 203 204	\$32,000.00 \$31,000.00 \$15,000.00 \$7,000.00 \$5,000.00 \$5,000.00 \$5,000.00 \$1,500.00 \$1,500.00 \$1,900.00 \$3,000.00 \$3,000.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$32,00 \$31,00 \$15,00 \$7,00 \$5,00 \$3,00 \$16,00 \$2,00 \$3,00
B-FlarayCombustera/Emission -Gas Lift/Compression EQ-Instrumentation/SCADA/POC EQ-Tubing EQ-Ivuling EQ-Pumps EQ-Pumps EQ-Packers/Anchors/Hangera EQ-Maccelaneous dol Trangible Costs 5-Title/Permis Instrumes 5-Title/Permis	526 527 529 530 531 532 533 534 535 201 202 203 204	\$31,000,000 \$15,000,000 \$7,000,000 \$5,000,000 \$5,000,000 \$5,000,000 \$16,000,000 \$2,000,000 \$1,000,000 \$1,000,000 \$1,000,000 \$11,000,000	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$31,00 \$15,00 \$7,00 \$5,00 \$3,00 \$5,00 \$15,00 \$2,00 \$3,00
EQ-Instrumentation/SCADA/POC EQ-Tubing EQ-Weithead Equipment EQ-Pumps EQ-Electrical System EQ-Packers/Anchors/Hangers EQ-Miscenteneous EQ-Misc	529 530 531 532 533 634 535 201 202 203 204	\$7,000.00 \$5,000.00 \$3,000.00 \$5,000.00 \$15,000.00 \$2,000.00 \$3,000.00 \$1,934,800.00	00.00 00.00 00.00 00.00 00.00 00.00 00.00 00.00	\$18,00 \$7,00 \$5,00 \$3,00 \$5,00 \$16,00 \$2,00 \$3,00
EQ-Tubing EQ-Yudinad Equipment EQ-Pumps EQ-Pumps EQ-Electrical System EQ-Packers/Anchors/Hangera EQ-Macchaneous old Tengible Costs ttangible Costs 5-Title/Pemits -Insurance -Insurance	550 531 532 533 534 535 201 202 203 204	\$5,000.00 \$3,000.00 \$5,000.00 \$16,000.00 \$2,000.00 \$3,000.00 \$1,934,800.00 \$11,000.00	\$0,00 \$0,00 \$0,00 \$0,00 \$0,00 \$0,00	\$5,00 \$3,00 \$5,00 \$16,00 \$2,00 \$3,00
EG-Weithead Equipment EG-Pumps EG-Eilectrical System EG-Packers/Anchors/Hangers EG-Packers/Anchors/Hangers EG-Miscelaneous otal Tengible Costs tangible Costs S-Title/Permits -insurance -S-Damages/ROW	531 532 533 534 535 201 202 203 204	\$3,000.00 \$5,000.00 \$15,000.00 \$2,000.00 \$3,000.00 \$1,934,800.00	\$0,00 \$0,00 \$0,00 \$0,00 \$0,00 \$0,00	\$3,00 \$5,00 \$15,00 \$2,00 \$3,00
EG-Pumps EG-Islocifical System EQ-Packers/Anchors/Hangers EG-Maccelaneous doil Tengible Coets tangible Costs 6-Title/Pemils Insurance	532 533 634 535 201 202 203 204	\$5 000 00 \$15 000 00 \$2,000 00 \$3,000 00 \$1,834,800.00 \$11,000 00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$5,00 \$15,00 \$2,00 \$3,00
EQ-Packers/Anchors/Hangers EQ-Miscetaneous 60-Miscetaneous 61-Title/Permis 6-Title/Permis Insurance 6-Damages/ROW	201 202 203 204	\$2,000.00 \$3,000.00 \$1,934,860.00 \$11,000.00	\$0.00 \$0.00 \$0.00	\$15,00 \$2,00 \$3,00
EQ-Miscelaneous otal Tengble Coets Itangible Costs 5-Titler/Permits -Insurance -O-Damages/ROW	201 202 203 204	\$3,000.00 \$1,934,800.00 \$11,000.00	\$0.00	\$3,00
otal Tengibie Costs itangibie Costs 5-Tite/Permis -insulance -Chamages/ROW	201 202 203 204	\$1,934,800.00		
5-Title/Permits -Ineurance S-Damages/ROW	202 203 204			
Ineurance S-Damages/ROW	202 203 204		Commence of the Commence of th	
S-Damages/ROW	203 204	AND LEGAL CALL	\$0.00	\$11,00
	204	\$5,000.00	\$0.00 \$0.00	\$4,900
		\$0,000,00	\$0.00	\$6,00
-Lctn/Pits/Roads	205	\$112,000.00	\$0.00	\$112,00
-Drilling Overhead	206	\$9,000,00	20.00	29,00
-Daywork Contract -Directional Drig Services	209	\$600,000.00 \$280,000.00	\$0.00	\$660,000
Fuel & Power	211	\$150,000.00	\$0.00	\$280.000
-Water	212	\$55,000.00	\$0.00	\$55,00
Bits	213	\$104,000.00	\$0.00	\$104,000
-Mud & Chemicals -Cement Surface	214 217	\$245,000,00 \$30,000,00	\$0.00 \$0.00	\$245,000 \$30,000
Cement Intermed	218	\$80,000.00	\$0.00	\$80,000
-Prod-2nd Int Crnt	219	\$105,000.00	\$0.00	\$105,000
Float Equipment & Centralizers	221	\$40,000.00	\$0,00	\$40,000
-Ceg Crewe & Equip -Confred Labor	222 225	\$50,000.00	\$0.00 \$0.00	\$50,000 \$6,500
Company Sprvan	226	\$72,000.00	\$0.00	\$72,000
Contract Sprysn	227	\$110,000.00	\$0.00	\$110,000
Tstg Csg/Tbg	228	\$30,000.00	\$0.00	\$30,000
Mud Logging Unit Parf/Wiraline Svo	229	\$40,000,00	\$0.00 \$0.00	\$40,000
Renlais-Surface	235	\$170,000,00	\$0.00	\$170.000
Rentals-Subsrfc	238	\$170,000,00	\$0.00	\$170.00
Trucking/Forklift/Rig Mob	237	\$140,000.00	\$0.00	\$140,000
Welding Services Contingency	238 243	\$3,500.00 \$44,000.00	\$0.00 \$0.00	\$3,500 \$44,000
Enymmtl/Clad Loop	244	\$285,000.00	\$0.00	\$265.000
Lctr/Pits/Roads	305	\$10,000.00	\$0.00	\$10,000
Frac Equipment	307	\$1,482,000.00	\$0.00	\$1,482.00
Frac Chemicals	308	\$1,150,000.00	\$0.00	\$776,00
Frac Proppart Frac Proppart Transportation	310	\$148,000.00	\$0.00 \$0.00	\$1,150,000 \$146,000
Fuel & Power	311	\$5,000.00	\$0.00	\$5,00
Water	312	\$930,000.00	\$0.00	5930.00
Bits	313	\$9,000.00	\$0.00	\$9,000
Mud & Chemicals Contract Labor	314	\$25,000.00 \$8,200.00	30 00 30 00	\$25,000
Company Sprysn	326	\$15,000.00	\$0.00	\$15,000
Contract Sprvsn	327	\$134,000.00	\$0.00	\$134,000
Tstg Csg/Tbg	328	\$5,000.00	\$0.00	\$5,000
Perf/Wireline Svc Stimulation/Treating	331	\$500,000,00 \$12,000,00	\$0.00	\$600,000 \$12,000
Completion Unit	333	\$60,000,00	\$0.00	\$60,000
Rentals-Surface	335	\$290,000.00	\$0.00	\$296,000
Rentals-Subsific	336	\$85,000 00	\$0.00	\$65,000
Trucking/Forklift/Rlg Mob Welding Services	337	\$22,500 00 \$5,000 00	50 00	\$22.500 \$5,000
water Disposal	339	\$60.000 00	\$0.00	\$80,000
Conlingency	343	\$250,000 00	\$0.00	\$250,000
Envmmll/Clsd Loop	344	\$5,000.00	\$0.00	\$5,000
Dyed Diesel	345 348	\$435,000 00 \$422,000 00	\$0.00 \$0.00	\$435,000
Coil Tubing Flowback Crews & Equip	347	\$48,000.00	00.00	\$422,000 \$48,000
-Location/Pits/Roads	353	\$73,000.00	\$0,00	\$73,000
-Contract Labor	356	\$89,000.00	\$0.00	\$59,000
-Weier Disposal	362	\$135,000 00 \$6,500 00	\$0.00	\$135,000
Q-Contract Lebor Q-Contract Supervision	374	\$5,000.00	\$0.00	\$6,500 \$5,000
Q-Completion Unit	381	\$8,000 00	\$0.00	\$8,000
Q-Rentals-Surface	383	\$7,000 00	\$0.00	\$7.000
Q-Trixg/Forkitt/Rig Mobilization tal Intangible Coats	385	\$3,000.00	\$0.00	\$3,000 \$10,285,200
	= ;			
tal Gross Cost No: The obove costs are estimates only. Actual costs will be be	Med us in	\$12,220,000.00 curred	\$0.00	\$12,220,000

COG Operating LLC We approve:

** Working Interest Company: By: Printed Name: Title: Date: This AFE is only an estimate. By signing you agree to pay your share of the actual costs incurred

__ Page 1 of 1



February 20, 2019

Via Certified Mail, Return Receipt Requested
WORKING INTEREST OWNERS ON ATTACHED EXHIBIT "A"

Re: Way South State Com 709H & 710H

W/2 of Sections 19, 30, 31, T26S-R28E

Eddy County, New Mexico

Dear Sir or Madam:

COG Operating, LLC ("COG") proposes the drilling of the following horizontal well with a productive lateral located in the W/2 of Sections 19, 30, & 31, T26S-R28E, Eddy County, New Mexico. The surface pad location will be located in Unit E of Section 31, T26S-R28E (subject to change).

- Way South State Com 709H, to be drilled to a depth sufficient to test the WFMP A Shale formation at a total measured depth of 20,700'. The surface location for this well is proposed at a legal location in Unit E of Section 31, and a bottom hole location at a legal location in Unit D of Section 19. The dedicated project area with be the W/2 of Sections 19, 30, and 31, T26S-R28E, Eddy County, New Mexico. The total estimated cost to drill and complete said well is \$12,220,000, as shown on the attached AFE.
- Way South State Com 710H, to be drilled to a depth sufficient to test the WFMP A Shale formation at a total measured depth of 20,700'. The surface location for this well is proposed at a legal location in Unit E of Section 31, and a bottom hole location at a legal location in Unit D of Section 19. The dedicated project area with be the W/2 of Sections 19, 30, and 31, T26S-R28E, Eddy County, New Mexico. The total estimated cost to drill and complete said well is \$12,220,000, as shown on the attached AFE.

COG is proposing this well under the terms of an Operating Agreement dated October 1, 2018, which was revised and sent January 8, 2019.

If we do not reach an agreement within 30 days of the date of this letter, COG will apply to the New Mexico Oil Conservation Division for compulsory pooling of your interest into a spacing unit for the proposed well.

Please indicate your participation elections in the space provided below, sign and return this letter, along with a signed copy of the enclosed AFEs and a copy of your geologic requirements, to my attention at the letterhead address or by email to tmacha@concho.com. Should you have any questions, please do not hesitate to contact me at 432.221.0452.

Sincerely,	
COG Operating	g LLC
Travis Macha Landman	
TM:bh Enc	
	I/We hereby elect to participate in the drilling and completion of the Way South State Com 709H.
	I/We hereby elect <u>not</u> to participate in the drilling and completion of the Way South State Com 709H.
	I/We hereby elect to participate in the drilling and completion of the Way South State Com 710H.
	I/We hereby elect not to participate in the drilling and completion of the Way South State Com 710H.
Date:	

February 20, 2019 - Page 2 Way South State Com 709H, 710H

EXHIBIT "A" WORKING INTEREST OWNERS

Via Certified Mail, Return Receipt Requested No. 91 7199 9991 7039 1752 4200 Chevron U.S.A. Inc. 6301 Deauville Midland, TX 79706 Attn: Kristen Hunter

Via Certified Mail, Return Receipt Requested No. 91 7199 9991 7039 1752 4194 EOG Resources, Inc. 5509 Champions Drive Midland, TX 79706 Attn: Land Manager

Via Certified Mail, Return Receipt Requested No. 91 7199 9991 7039 1752 4187 OXY Y-1 Company 5 Greenway Plaza, Suite 110 Houston, TX 77046 Attn: Jeremy Murphrey

COG OPERATING LLC AUTHORITY FOR EXPENDITURE Drill & Complete

Well Name WAY SOUTH STATE COM 709H
SHL: 792 FSL & 835 FVVL (OR UNIT E), SEC. 31
BHL: 200 FNL & 1284 FVVL (OR UNIT D), SEC. 19
Formation WOLFCAMP A SHALE
Legal 19, 30, 31, 728S-R29E
AFE Numbers

Prospect State & County Objective Depth TVD Allas 2628 NEW MEXICO, EDDY COUNTY Drill & Complete 20,700 9,115

AFE Numbers

Cost Description
Tanglish Costs

B-Surtsee Casing
D-Production Casing/Liner
D-Weilhead Equip
C-Weilhead Equip
C-Weilhead Equip
PEG-Pumping Unit
PEG-Rods
TB-Tanks
TB-Flowines/Pipslines
TB-Ht Trit/Saprr
TB-Electrical System/Equipment
C-Pekrs/Anchonat/ligs
TB-Couplings/Filtings/Valves
TB-Cass Lift/Compression
C-Miscellaneous Revision Total Code Cost \$48,000 00 \$376,000 00 \$405,000 00 \$40,000 00 \$47,300 00 \$27,500 00 \$36,000 00 \$35,000 00 \$35,000 00 \$117,000 00 \$117,000 00 \$48,000 00 dD1 \$46,000.00 \$376,500.00 \$40,000.00 \$40,000.00 \$40,000.00 \$40,000.00 \$40,000.00 \$40,000.00 \$525,500.00 \$525,500.00 \$525,500.00 \$535,000.00 \$535,000.00 \$535,000.00 \$535,000.00 \$535,000.00 \$535,000.00 \$535,000.00 \$535,000.00 \$535,000.00 \$535,000.00 \$535,000.00 \$535,000.00 \$535,000.00 \$535,000.00 \$535,000.00 \$535,000.00 \$535,000.00 \$535,000.00 \$535,000.00 \$535,000.00 \$535,000.00 \$535,000.00 \$535,000.00 \$535,000.00 \$535,000.00 \$535,000.00 \$535,000.00 \$535,000.00 \$535,000.00 \$535,000.00 \$535,000.00 \$535,000.00 \$535,000.00 \$535,000.00 \$535,000.00 \$535,000.00 \$535,000.00 402 403 405 504 505 506 510 512 513 514 515 515 521 525 527 530 531 532 533 534 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$89,000 00 \$66,000 00 \$165,000 00 \$30,000 00 \$18,000 00 \$18,000 00 \$31,000 00 \$31,000 00 \$7,000 00 \$5,000 00 \$5,000 00 \$5,000 00 \$5,000 00 \$15,000 00 \$15,000 00 \$15,000 00 \$15,000 00 \$15,000 00 TB-Gas Lift/Compression
C-Miscellaneous
TB-Methers/Lacle
TB-Heters/Lacle
TB-Heres/Combusters/Emission
C-Gas Lift/Compression
PEQ-Instrumentation/SCADA/POC
PEQ-Tubing
PEQ-Wellhead Equipment
PEQ-D-Puring PEQ-Wellhead Equipment
PEQ-Pumps
PEQ-Electrical System
PEQ-Packers/Anchors/Hangers
PEQ-Miscolaneous
Total Tangible Costs 535 \$1,934,800.00 \$0.00 \$1,934,800.00

Total Gross Coet		\$12,220,000.00	\$0.00	\$12,220,000.0
otal Intangible Costs		\$10,285,200.00	\$0.00	\$10,285,200.0
EQ-Toky/Forkit/Rig Mobilization	365	\$3,000 00	\$0.00	\$3,000 0
EQ-Completion Unit EQ-Rentals-Surface	383	\$7,000.00	\$0.00	\$7,000 0
EQ-Contract Supervision	376	\$5,000.00	\$0.00 \$0.00	\$5,000,0 \$6,000,0
EQ-Contract Labor	374	\$6,500.00	\$0.00	\$5,500.0
D-Waler Disposal	362	\$135,000 00	\$0.00	\$135,000.0
B-Contract Labor	356	\$69,000,00	\$0.00	\$89,000 0
3-Location/Pits/Roads	363	\$73,000.00	\$0.00	\$73,000.0
Flowback Crews & Equip	347	\$48,000,00	60.03	\$48,000.0
Coll Tubing	340	\$422,000.00	\$0.00	\$422,000.0
Dyed Diesel	345	\$435,000.00	\$0.00	\$435,000,0
Enymm(I/Cled Loop	344	\$5,000.00	\$0.00	\$5,000
vvaler Disposal Contingency	343	\$250,000.00	\$0.00	\$250,000
Walding Services Water Disposal	339	\$80,000.00	\$0.00	\$6,000
Trucking/Forklift/Rig Mob	337 338	\$22,500.00 \$5,000.00	50.00	\$22,500
Rentals-Subsric	336	\$65,000.00	\$0.00 \$0.00	\$85,000
Renlate-Surface	335	\$296,000.00	\$0.00	\$296,000
Completion Unit	333	500,000 00	\$0.00	\$00,000
Sumulation/Treating	332	\$12,000.00	\$0.00	\$12,000
Perf/Wireline Svc	331	\$600,000,00	\$0.00	\$600,000
stg Cag/Tbg	328	\$5,000.00	\$0.00	\$5,000
Contract Sprvsn	327	\$134,000.00	\$0.00	\$134,000
Company Sprvsn	326	\$15,000.00	\$0.00	\$15,000
Contract Labor	325	\$8.200.00	\$0.00	\$8.200
Mud & Chemicals	314	\$25,000.00	\$0.00	\$25,000
evaluer Bils	313	\$9,000.00	\$0.00	\$9,000
Valer	312	\$930,000,00	00 00 00 02	\$5,000
Fuel & Power	311	\$5,000.00	\$0.00	\$148,000 \$5,000
Frac Proppant Frac Proppant Transportation	309	\$1,150,090,00 \$148,000,00	\$0.00 \$0.00	\$1,150,000
Frac Chemicals	308	\$776,000.00	\$0.00	\$776,000
Frac Equipment	307	\$1,482,000.00	\$0.00	\$1,482,000
.ctn/Pits/Roads	305	\$10,000.00	\$0.00	\$10,000
Envrnmtl/Clsd Loop	244	\$265,000.00	\$0.00	\$265,000
Contingency	243	\$44,000.00	\$0.00	\$44,000
Volding Services	238	\$3.500,00	\$0.00	\$3,500
rucking/Forkliff/Rig Mob	237	\$140,000.00	\$0.00	\$140,000
Rentals-Subsric	236	\$170,000.00	\$0.00	\$170,000
Rentals-Surface	235	\$170,000.00	\$0.00	\$170,000
Perf/Wireline Svc	231	\$4,000.00	\$0.00	\$4,000
Mud Logging Unil	229	\$40,000.00	\$0.00	\$40,000
Tatp Csg/Tog	228	\$30,000,00	\$0.00	\$30,000
Contract Sprvsn	227	\$110,000.00	\$0.00	\$110,000
Company Sprven	226	\$72,000.00	\$0.00	\$72,000
Contract Labor	225	\$6,500.00	\$0.00	\$5,500
Cag Crews & Equip	221	\$40,000,00 \$50,000,00	\$0.00	\$49,000 \$50,000
Prod-2nd Int Cmt Float Equipment & Centralizers	219	\$105,000.00	\$0.00	\$105,000
Cernent Intermed	218	\$80,000,00	\$0.00	\$80,000
Cement Surface	217	\$30,000,00	\$0.00	\$30,000
Mud & Chemicais	214	\$245,000.00	\$0.00	\$245,000
Bits	213	\$104,000.00	\$0.00	\$104.000
Water	212	\$55,000,00	\$0.00	\$55,000
Fuel & Power	211	\$150,000.00	\$0.00	\$150,000
Directional Drig Services	210	\$280,000.00	\$0.00	\$280,000
-Daywork Contract	209	\$660,000.00	\$0.00	\$660,000
-Drilling Overhead	205	\$9,000.00	\$0.00	\$112,000 \$9,000
S-Survey/Stake Lotn -Lotn/Pila/Roads	204	\$6,000.00	00.02 00.02	\$6,000
S-Damages/ROW	203	55,000,00	\$0.00	\$5,000
Insurance	202	\$4,000.00	50 00	\$4,000
		\$11,000.00		\$11,000

COG Operating LLC

By:

We approve:

St. Working interest

Corporative

By:

Corporative

By:

This AFE is only an astimate. By signing you agree to pay your share of the actioal copta incurred.

Note: The above costs are estimates only. Actual costs will be billed as incurred.

COG OPERATING LLC AUTHORITY FOR EXPENDITURE Drill & Complete

Well Name WAY SOUTH STATE COM 710H SHL: 792 FSL & 805 FWL (OR UNIT E), SEC. 31 BHL: 200 FNL & 330 FWL (OR UNIT D), SEC. 18 Formation WOLFCAMP A shale

Prospect State & County Objective Depth Atlas 2626 NEW MEXICO, EDDY COUNTY Drill & Complete 20,700

Chemend Cap	BHL: 200 FNL & 330 FWL (OR UNIT D), SEC. 18 Formation WOLFCAMP A shale Legal 19, 30, 31, T26S-R28E			Objective Depth TVD	Drill & Complete 20,700 9,115
Targible Cores		Code	Cost	Redsloo	T
December Cap 400 3176,000 00 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,000 3176,00	fangible Costs		445-1-27		
Prince Casery Inter 400 \$400,000 \$100 \$450,000 \$100 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000			\$46,000.00		\$48,000
Withhard Ecopy				\$0.00	\$376,000
Tuber 147,300 30 30 30 30 30 30 30					\$40,000
Withhead Equip					\$47,300
General Property 196					\$27,500
C-O-Floods					\$96,000
1- Tentos	EQ-Rods	508			\$35,000
S-Fowless-Pipelines			\$56,000.00		\$58,000
-			\$117,000.00		\$117,000
Petra-Manton-Infrigar - Goss J. M. Couptings-Filing-May-Nava - St. S. 15, 15, 15, 15, 15, 15, 15, 15, 15, 15,					\$117,000
CouplingHillings Valves 915 \$195,000 \$100 \$195,					\$88,000
Figure F				\$0.00	\$68,000
Miscoulinnous 919 \$80,000 \$0.00 \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$30, \$3					\$165,000
Pumps-Sufface					\$35,000
Melerar Lacis					000,082
PiParoutCombusters/Emission 926 \$31,000.00 \$30.00 \$31.	R-Pumps-Surface				\$18.000
Gas LBITCOmpression 927 315,000.00 30.00 \$15,000.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3	-Meters/Lacts		\$32,000.00		\$32,000
SchastumenalistorSCADAPOC 929 \$7,000.00 80.00 157.					\$31,000
Ci-Tubing September Sept					
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Co-Pumps					\$5,000
Collection System 533 \$1,000 00 \$0,00 \$15.00					\$3,000
SQ Peckensk/Incritors/Hangers SA				\$0.00	\$5,000
Section Sect					\$15,000
Sea Tangglis Costs Sea	O-Miscelaneous		\$3,000,00		\$2,000
FilestPresents 201 \$11,000.00 \$40.00 \$131.00 \$10.00 \$14.00 \$14.00 \$14.00 \$14.00 \$14.00 \$14.00 \$14.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00		-500			\$1,934,800
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Survey Spring Survey Spring Survey Spring Survey Spring Survey Spring Survey					\$4,000
Contribut Cont	-Demay85/KUVV	203			\$5,000
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Daywork Contract					\$112,000
Directions Drig Services 210 \$280,000.00 \$60,00 \$120.00 Vieter 212 \$55,000.00 \$50,00 \$150.00 Vieter 212 \$55,000.00 \$50,00 \$50,00 Signature 213 \$150,000.00 \$50,00 \$50,00 Signature 214 \$245,000.00 \$50,00 \$100.00 Signature 217 \$100,000.00 \$50,00 \$30,00 Signature 218 \$20,000.00 \$50,00 \$30,00 Signature 219 \$20,000.00 \$50,00 \$30,00 Signature 219 \$20,000.00 \$50,00 \$30,00 Signature 219 \$40,000.00 \$50,00 \$30,00 Signature 220 \$40,000.00 \$50,00 \$30,00 Signature 221 \$40,000.00 \$50,00 \$30,00 Signature 222 \$40,000.00 \$50,00 \$30,00 Signature 223 \$40,000.00 \$50,00 \$30,00 Signature 224 \$40,000.00 \$50,00 \$30,00 Signature 225 \$40,000.00 \$50,00 \$30,00 Signature 226 \$50,000.00 \$50,00 \$50,00 Signature 226 \$50,000.00 \$50,00 Signature					\$5,000
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Procedure 19	Cemeni Intermed				\$80,000
September Centralizers 22					\$105,000
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Company Sprvsn 226 \$72,000 0 \$30,00 \$3720	Csg Crews & Equip	222	\$50,000.00	\$0.00	\$50,000
Dentract Spriver 228 \$310,000,00 \$30,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,00 \$310,0					\$6,500
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Function Provided					
Velding Services 238					
Emminic Company Comp			\$3,500,00		
Emminic Company Comp			\$44,000,00		
cit/Pits/Roads 305 \$10,000 00 \$9,00 \$10.00 frac Chamiculs 307 \$1,482,000 00 \$9,00 \$1,482,000 00 \$9,00 \$1,692,000 00 \$9,00 \$1,776,000 00 \$9,00 \$1,776,000 00 \$9,00 \$1,692,000 00 \$1,150,000 00 \$1,150,000 00 \$1,150,000 00 \$1,150,000 00 \$1,150,000 00 \$1,150,000 00 \$1,150,000 00 \$1,150,000 00 \$1,150,000 00 \$1,150,000 00 \$1,150,000 00 \$1,150,000 00 \$3,00 \$3,00 \$1,150,000 00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00			\$288,000.00		
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Confract Labor 366 \$99,000 00 \$0.00 \$89,00 Waler Disposal 392 \$135,000 00 \$0.00 \$136,00 0-Contract Labor 374 \$5,900 00 \$0.00 \$5.50 0-Contract Supervision 376 \$6,000 00 \$0.00 \$5.00 Completion Unit 381 38,000 00 \$0.00 \$5.00 -Rerolas-Surface 383 \$7,000 00 \$0.00 \$7.0 7-RegForkiNg Mobization 385 \$3,000 00 \$0.00 \$10,285,200,00 al Intangible Costs \$10,285,200,00 \$0.00 \$10,285,200,00 al Gress Cost \$12,220,000,00 \$0.00 \$12,220,000,00	Location/Pits/Roads	363	\$73,000,00	\$0.00	\$73,000
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2-Contract Supervision 376 \$5,000.00 \$9,00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$5,0 \$0.00 \$			\$6,500.00		\$6,500
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1-Trag/Forkit/Rig Mobilization 385 \$3,000.00 \$0.00 \$3.00 \$1.00 \$3.00 \$1.00 \$10.285,20 \$10 \$10.285,20 \$10 \$10.285,20 \$10 \$10.285,20 \$10 \$10.285,20 \$10 \$10.285,20 \$10 \$10.285,20 \$10 \$10.285,20 \$10 \$10.285,20 \$10 \$10.285,20 \$10 \$10.285,20 \$10 \$10.285,20 \$10 \$10.285,20 \$10 \$10.285,20 \$10 \$10.285,20 \$10 \$10.285,20 \$10 \$10.285,20 \$10 \$10.285,20 \$10 \$10.285,20 \$10 \$10.285,20 \$10 \$10.285,20 \$10 \$10.285,20 \$10 \$10.285,20 \$10 \$10.285,20 \$10 \$10.285,20 \$10 \$10.285,20 \$10 \$10.285,20 \$10 \$10.285,20 \$10 \$10.285,20 \$10.285,20 \$10 \$10.285,20 \$10 \$10.285,20 \$10 \$10.285,20 \$10 \$10.285,20 \$10 \$10.285,20 \$10 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,20 \$10.285,2					\$5,000
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N. 1175 Water addition and the second states and the second states are second s	SHSME COLUMN TO THE SHOP OF THE SHAPE OF THE	Ill be billed as incu		\$0.00	\$12,220,000
			3	Date Prepared: 8 9 18	

Note: The above costs are estimates only. Actual costs will be billed as incurred.

COG Operating LLC

By

Date Prepared: 8.9.18

COG Operating LLC

By

Company:

By:

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

STATE OF NEW MEXICO DEPARTMENT OF ENERGY, MINERALS AND NATURAL RESOURCES OIL CONSERVATION DIVISION

APPLICATION OF COG OPERATING LLC FOR COMPULSORY POOLING, EDDY COUNTY, NEW MEXICO.

CASE NO. 20419

AFFIDAVIT OF MATT FISHER

Matt Fisher, of lawful age and being first duly sworn, declares as follows:

- 1. My name is Matt Fisher. I work for COG Operating LLC ("COG") as a geologist.
- 2. I have previously testified before the New Mexico Oil Conservation Division as an expert witness in petroleum geology. My credentials as a petroleum geology have been accepted by the Division and made a matter of record.
- 3. I am familiar with the applications filed by COG in these cases and I have conducted a geologic study of the targeted Wolfcamp A within the Wolfcamp formation underlying the subject acreage.
- 4. COG is targeting Wolfcamp A within the Wolfcamp formation with its proposed Way South State Com No. 706H, Way South State Com No. 709H, and Way South State Com No. 710H.
- 5. COG Exhibit No. 2A is a project locator map that reflects COG's acreage in yellow. The path of the proposed wells are depicted by dashed pink lines. Existing producing wells in the Wolfcamp A shale are represented by solid pink lines.
- 6. COG Exhibit No. 2B is a subsea structure map that I prepared on the top of the Wolfcamp A that is representative of the targeted intervals within the Wolfcamp formation. The structure map shows that the formation is gently dipping to the east in this area. I do not observe

BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico
Exhibit No. 2
Case No. 20419

Submitted by: COG OPERATING, LLC Hearing Date: May 2, 2019 any faulting, pinchouts, or other geologic impediments to developing the targeted Wolfcamp A with a horizontal well in this area.

- 7. COG Exhibit No. 2C overlays a cross-section line in red consisting of three wells penetrating the Wolfcamp formation that I used to construct a stratigraphic cross-section from A to A'. I consider these wells to be representative of the geology in the area.
- 8. COG Exhibit No. 2D is a cross section using the representative wells depicted on Exhibit 2C. Each well in the cross-section contains gamma ray, resistivity, and porosity logs. The proposed target intervals in the Wolfcamp A are labeled and depicted in green on the exhibit. The cross-section demonstrates that the targeted intervals extend across the proposed spacing and proration unit in all cases.
- 9. In my opinion the stand-up orientation of the proposed wells is the preferred orientation for horizontal well development in this area and is appropriate to efficiently and effectively develop the subject acreage.
- 10. Based on my geologic study, the Wolfcamp formation underlying the subject area, including the targeted Wolfcamp A, is suitable for development by horizontal wells and the acreage comprising the proposed spacing and proration units will contribute more-or-less equally to the production from the wellbores.
- 11. In my opinion, the granting of COG's application will be in the best interest of conservation, the prevention of waste, and protection of correlative rights.

FURTHER AFFIANT SAYETH NOT.

Mar Ligher MATT FISHER

STATE OF TEXAS

COUNTY OF Midland

SUBSCRIBED and SWORN to before me this 25/4 day of April 2019 by Matt

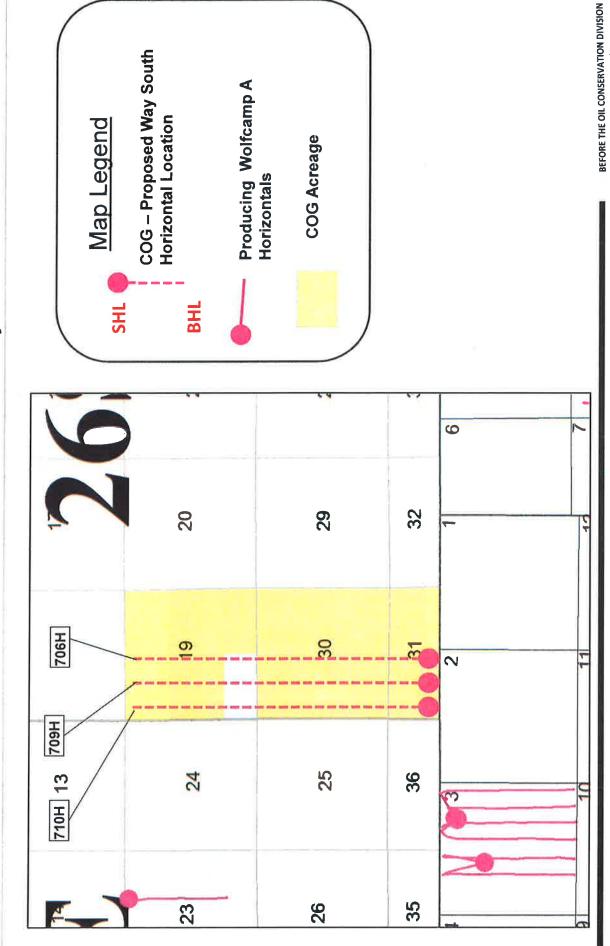
Fisher.



T)untra - Venuels

My Commission Expires:

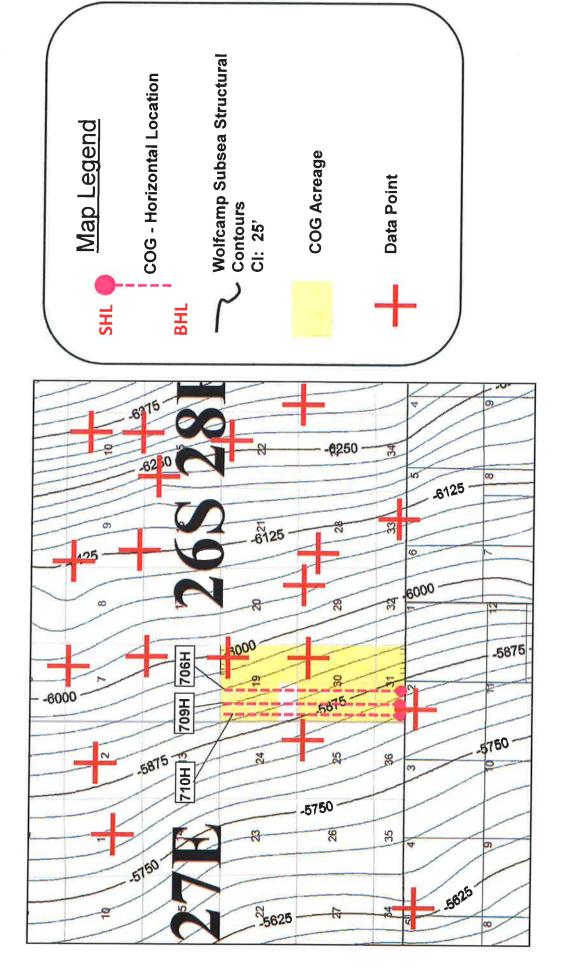
Wolfcamp Pool Way South State Com Locations





BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico
Exhibit No. 2-A
Case No. 20419
Submitted by: COG OPERATING, LLC
Hearing Date: May 2, 2019

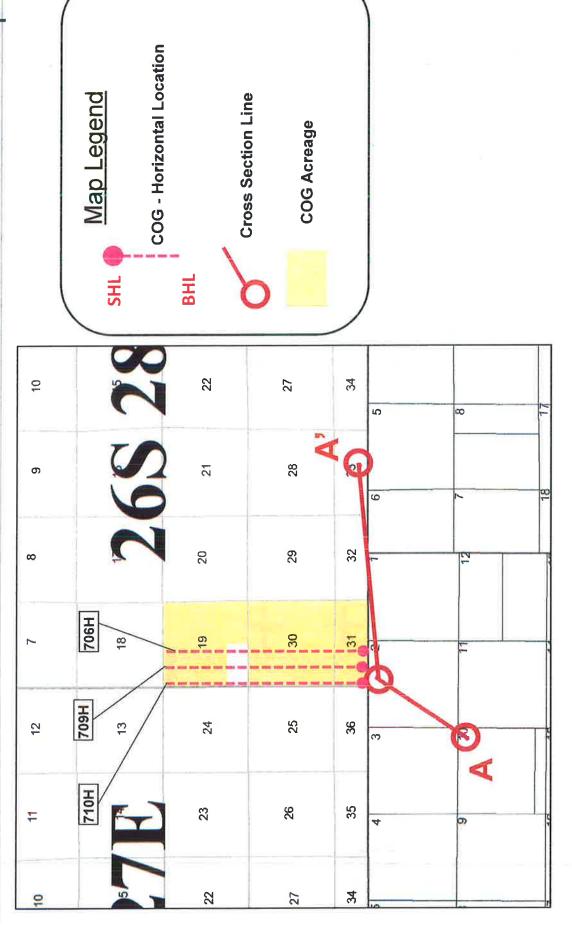
Wolfcamp Subsea Structure Map







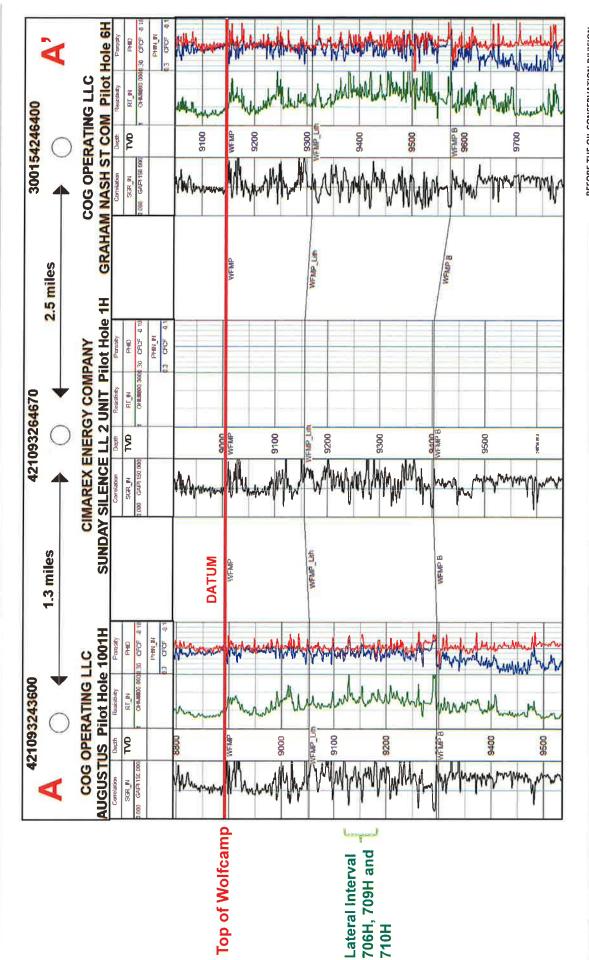
Wolfcamp Pool Cross Section Location Map



BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico
Exhibit No. 2-C
Case No. 20419
Submitted by: COG OPERATING, LLC
Hearing Date: May 2, 2019



Stratigraphic Cross Section A – A'





BEFORE THE OIL CONSERVATION DIVISION Santa Fe, New Mexico Exhibit No. 2-D

Case No. 20419 Submitted by: COG OPERATING, LLC Hearing Date: May 2, 2019

STATE OF NEW MEXICO DEPARTMENT OF ENERGY, MINERALS AND NATURAL RESOURCES OIL CONSERVATION DIVISION

APPLICATION OF COG OPERATING LLC FOR COMPULSORY POOLING, EDDY COUNTY, NEW MEXICO.

CASE NO. 20419

AFFIDAVIT

STATE OF NEW MEXICO)	
):	SS
COUNTY OF SANTA FE)	

Kaitlyn A. Luck, attorney in fact and authorized representative of COG Operating, LLC, the Applicant herein, being first duly sworn, upon oath, states that the above-referenced Application has been provided under the notice letters and proof of receipts attached hereto.

Kaitlyn A. Luck

SUBSCRIBED AND SWORN to before me this day of May 2019 by Kaitlyn A.

Luck.

Notary Public

My Commission

BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico
Exhibit No. 3

Case No. 20419 Submitted by: **COG OPERATING, LLC** Hearing Date: May 2, 2019

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Michael H. Feldewert
Recognized Specialist in the
Area of Natural Resources —
Oil and Gas Law — New Mexico Board
of Legal Specification
mfeldewert@hollandhart.com

April 12, 2019

VIA CERTIFIED MAIL CERTIFIED RECEIPT REQUESTED

TO: ALL INTEREST OWNERS SUBJECT TO POOLING PROCEEDINGS

Re: Application of COG Operating LLC for compulsory pooling,

Eddy County, New Mexico.

Way South State Com 706H, 709H and 710H wells

Ladies & Gentlemen:

This letter is to advise you that COG Operating LLC has filed the enclosed application with the New Mexico Oil Conservation Division. This application requests a hearing before a Division Examiner at 8:15 a.m. on May 2, 2019, and the status of the hearing can be monitored through the Division's website at http://www.emnrd.state.nm.us/ocd/. The hearing will be held in Porter Hall in the Oil Conservation Division's Santa Fe Offices, located at 1220 South Saint Francis Drive, Santa Fe, New Mexico 87505. You are not required to attend this hearing, but as an owner of an interest that may be affected by this application, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from subsequently challenging this matter.

Parties appearing in cases are required by Division Rule 19.15.4.13.B to file a Pre-hearing Statement four business days in advance of a scheduled hearing. This statement must be filed at the Division's Santa Fe office at the above specified address and should include: the names of the parties and their attorneys; a concise statement of the case; the names of all witnesses the party will call to testify at the hearing; the approximate time the party will need to present its case; and identification of any procedural matters that are to be resolved prior to the hearing.

If you have any questions about this matter, please contact Travis Macha at (432) 683-7443 or TMacha@concho.com.

700___

Michael H. Feldewert

ATTORNEY FOR COG OPERATING LLC





Shipment Confirmation Acceptance Notice

Mailer Action

Note to Mailer: The labels and volume associated to this form online, must match the labeled packages being presented to the USPS® employee with this form.

WaySouth 706 - 710 CM# 51500.0010 COG/OCD Shipment Date: 04/09/2019

Shipped From:

Name: HOLLAND & HART LLP

110 N GUADALUPE ST # 1 Address:

City: SANTA FE

State: NM ZIP+4® 87501

Type of Mail	Volume
Priority Mail Express®*	
Priority Mail®	0
First-Class Package Service®	
Returns	
International*	
Other	3
Total	3

^{*}Start time for products with service guarantees will begin when mail arrives at the local Post Office™ and items receive individual processing and acceptance scans.

B. USPS Action

- Note to RSS Clerk:

 1. Home screen > Mailing/Shipping > More
 2. Select Shipment Confirm
 3. Scan or enter the barcode/label number from PS Form 5630
 4. Confirm the volume count message by selecting Yes or No
 5. Select Pay and End Visit to complete transaction

USPS EMPLOYEE: Please scan upon pickup or receipt of mail. Leave form with customer or in customer's mail receptacle.

USPS SCAN AT ACCEPTANCE

9275 0901 1935 6200 0013 7514 31



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Name and Address of Sender Holland & Hart LLP 110 N Guadalupe St # 1 Santa Fe NM 87501 USPS Tracking/Article Number	Check type of mail or service Adult Signature Required Priority Mail Express Adult Signature Restricted Delivery Registered Mail A Certified Mail Restricted Delivery Return Receipt for Certified Mail Restricted Delivery Merchandise Collect on Delivery (COD) Signature Confirmation Insured Mail Signature Confirmation Priority Mail Signature Confirmation Addresses (Name Street Others of Street Others	Affix Ste (if issued certificate additional Postmark	T gray									
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PS Form 3877 , April 2015 (Page 1 of 1) PSN 7530-02-000-9098	Complete in Ink	Privacy Notice: For more information on USPS privacy policies, visit usps.com/privacypolicy.	or more in	ormation or	USPS pri	vacy pol	icies, v	isit us	os.con	ı/priva	cypolic	خا

Barcode Recipient Status
9.21489E+21 Chevron USA Inc PO BOX 200027 Houston TX 77216 Delivered Signature Received
9.21489E+21 EOG Resources Inc 5509 Champions Drive Midland TX 79706 Delivered Signature Received
9.21489E+21 Oxy USA Inc 5 Greenway Plaza Ste 110 Houston TX 77046 Delivered Signature Received