HOBBS OCD

DISTRICT I

State of New Mexico BIST RICE I 1 1825 N. FRENCH DR., HOBBS, NM 88240 Energy, Minerals & Natural Resources Department

APR 1 8 2016

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

OIL CONSERVATION DIVISION 1220 SOUTH ST. FRANCIS DR.

Form C-102 RECEIVED August 1, 2011

RECEIVED 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) 476-3480 Fax: (505) 478-3482 Santa Fe, New Mexico 87505

☐ AMENDED REPORT

	WELL LOCATION AND	ACREAGE DEDICATION PLAT	
API Number	Pool Code	Pool Name	
30-025- 43145	96553	Ojo Chiso; Bone	Spring
Property Code	Prop	erty Name	Well Number
316103	SQUINTS F	EDERAL COM	6H
OGRID No.	•	ator Name	Elevation
229137	COG OPE	RATING, LLC	3406.8'

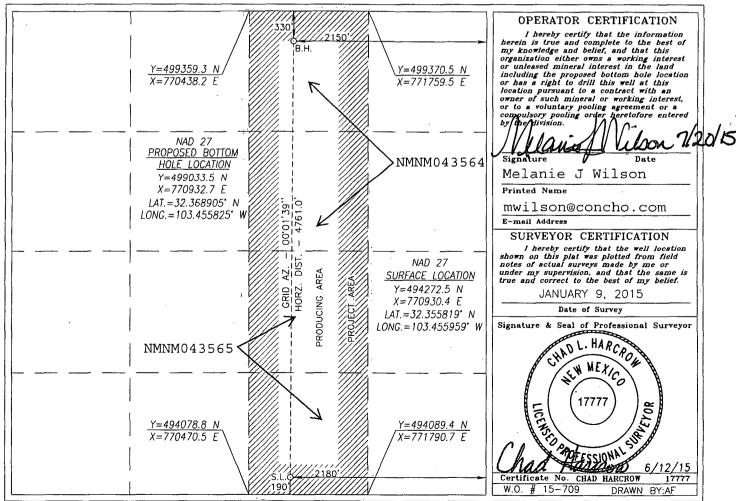
Surface Location

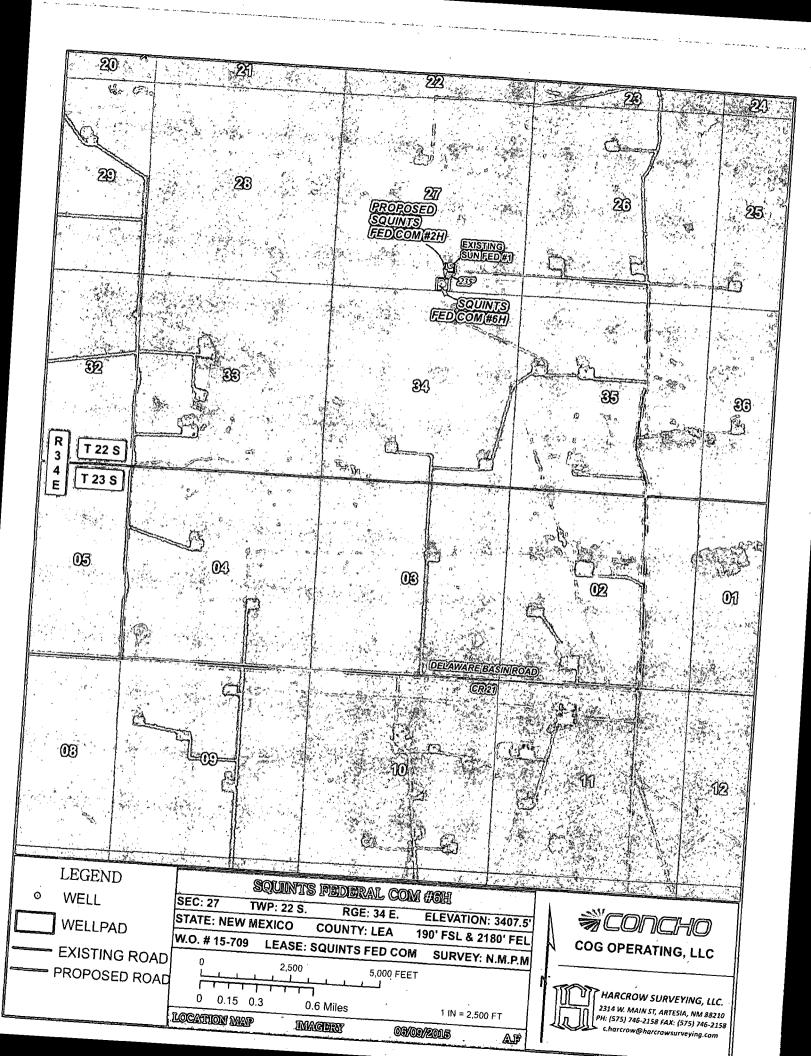
U	L or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
	0	27	22-S	34-E		190	SOUTH	2180	EAST	LEA

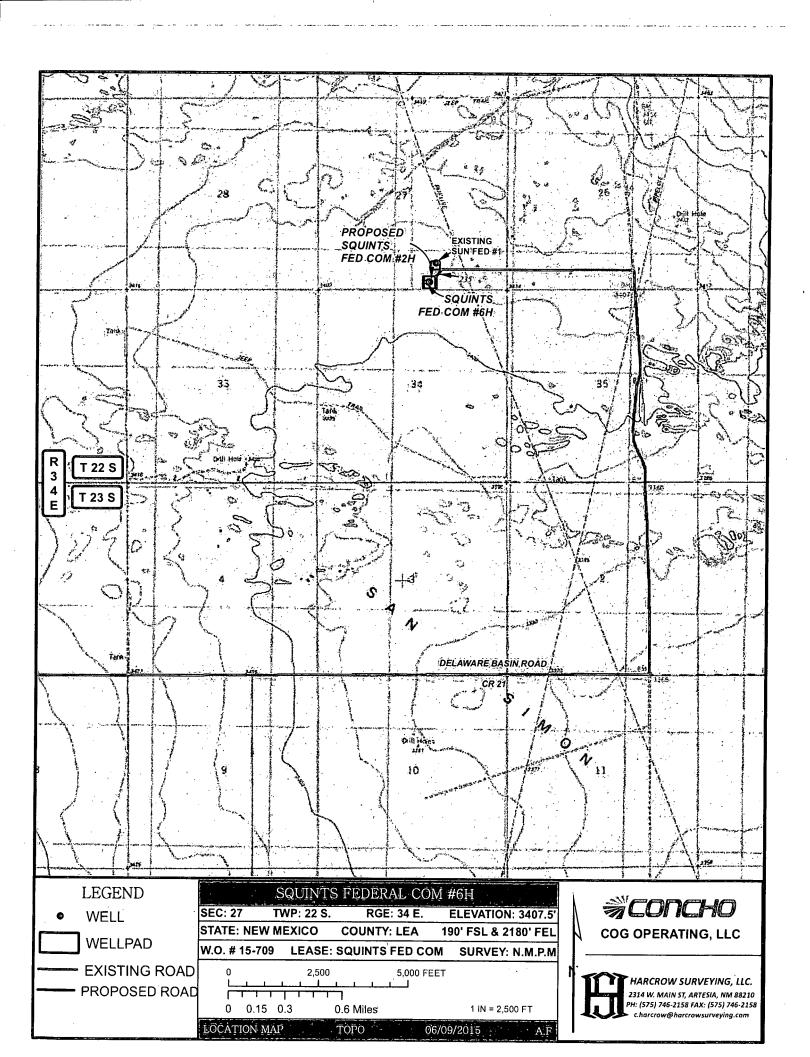
Bottom Hole Location If Different From Surface

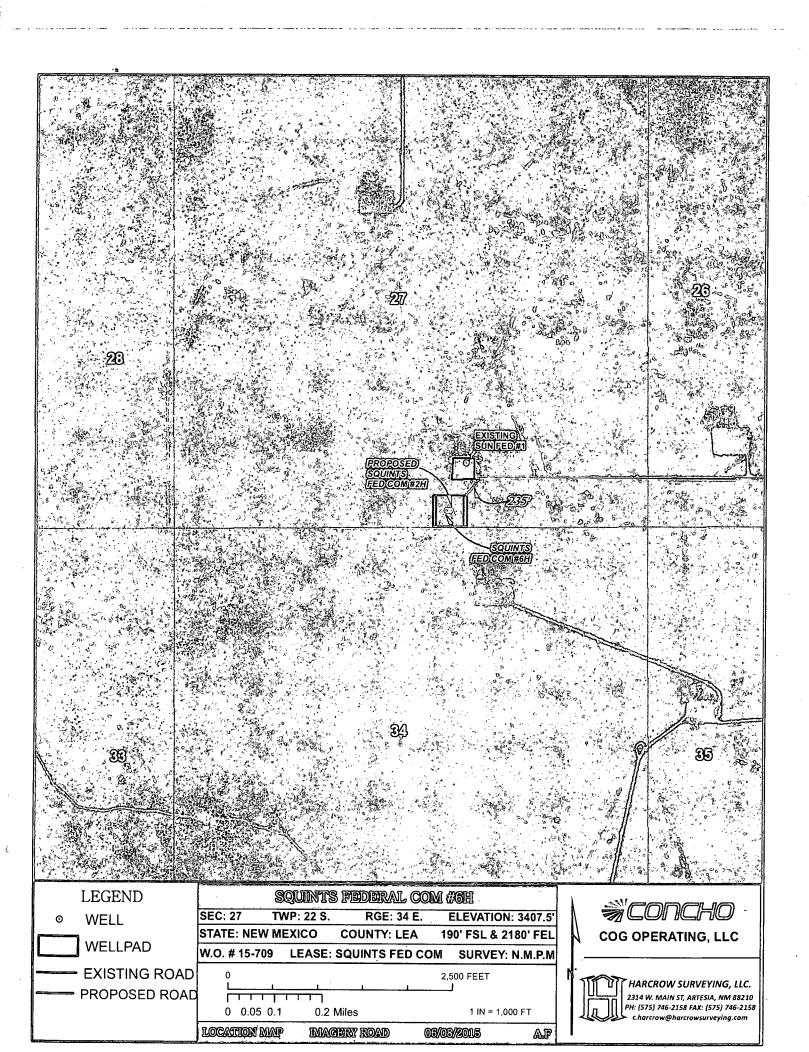
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
В	27	22-S	34-E		3301	NORTH	2150	EAST	LEA
Dedicated Acre	Joint o	r Infill Co	onsolidation	Code Or	der No.				
160									

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









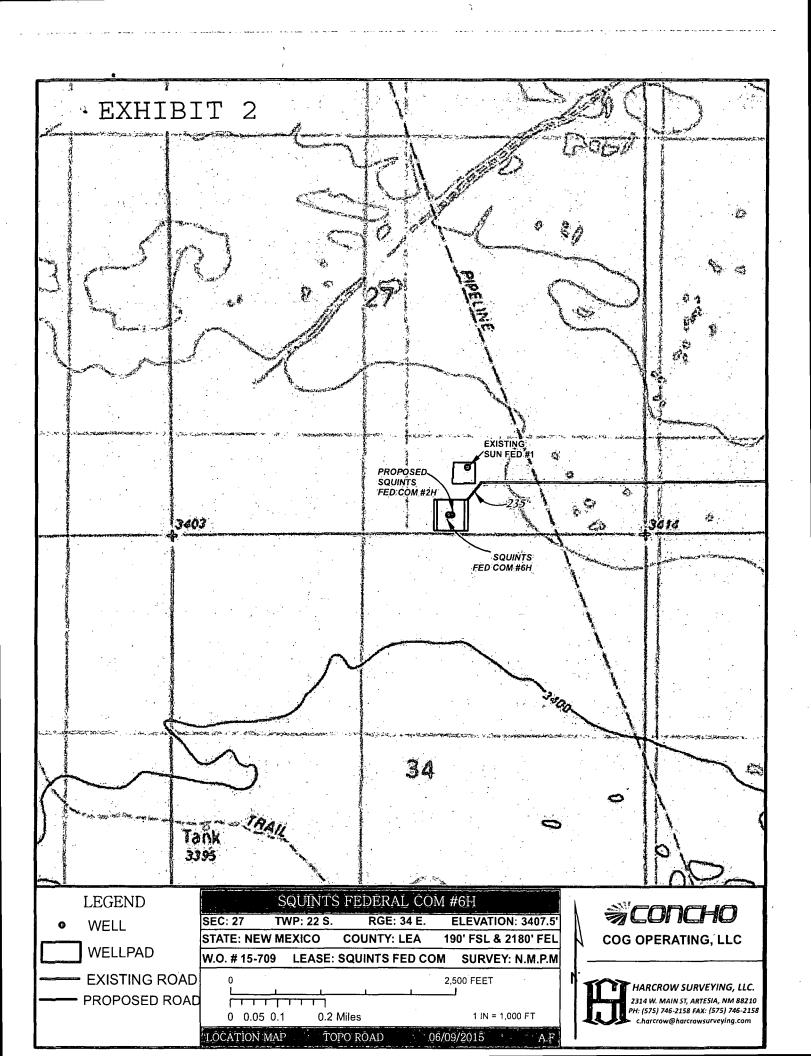
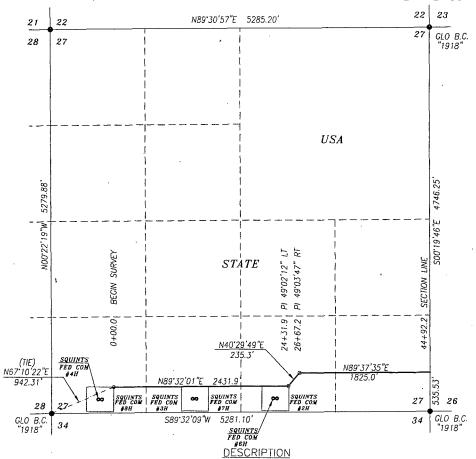


EXHIBIT 2A

ROAD PLAT COG OPERATING, LLC.

PROPOSED ROAD FROM THE SQUINTS FED COM #8H TO DELAWARE BASIN ROAD IN SECTION 27, TOWNSHIP 22 SOUTH, RANGE 34 EAST, N.M.P.M., LEA COUNTY, NEW MEXICO.



A STRIP OF LAND 30.0 FEET WIDE CROSSING STATE OF NEW MEXICO LAND IN SECTION 27, TOWNSHIP 22, RANGE 34 EAST, NMPM, LEA COUNTY, NEW MEXICO AND BEING 15.0 FEET LEFT OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY; WHICH WILL BE ACCOUNTED FOR IN FOOTAGES, RODS, AND ACREAGES.

BEGINNING AT A POINT IN THE SW/4 SW/4 OF SAID SECTION, WHICH LIES N67'10'22"E 942.31 FEET FROM THE SOUTH QUARTER CORNER; THEN NORTH 89'32'01" 2431.9, THEN NORTH 40'29'49" 235.3 FEET, THEN NORTH 89'42'51" 504.57 FEET TO A POINT ON THE EAST SECTION LINE, WHICH LIES N0019'46"E 535.53 FEET FROM THE SE SECTION CORNER.

SAID STRIP OF LAND BEING 4492.2 FEET OR 272.25 RODS IN LENGTH, CONTAINING 3.094 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

SW/4 SW/4 27.25 RODS OR 0.311 ACRES SW/4 SE/4 80.02 RODS OR 0.909 ACRES SE/4 SW/4 84.96 RODS OR 0.965 ACRES

SE/4 SE/4 80.02 RODS OR 0.909 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 GRID 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.



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

c.harcrow@harcrowsurveying.com



1000	0	1000	2000	FEET
<u> </u>	SCALE:	1"-1000'		

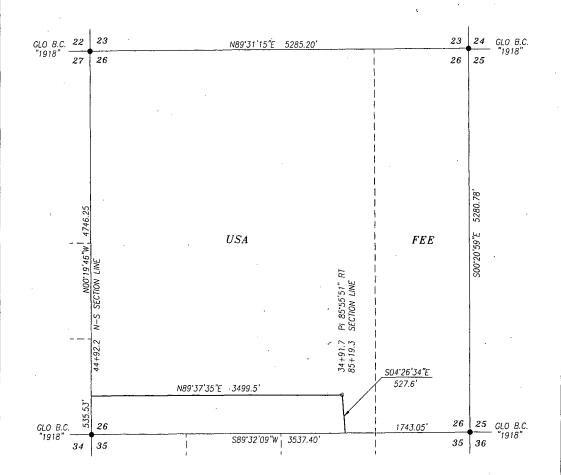
COG OPERATING, LLC

SURVEY OF A PROPOSED PIPELINE LOCATED IN SECTION 27, TOWNSHIP 22 SOUTH, RANGE 34 EAST, LEA COUNTY, NMPM, NEW MEXICO

SURVEY DATE: FEBRUARY 6, 2015	
DRAFTING DATE: JUNE 9, 2015	PAGE 1 OF 5
APPROVED BY: CH DRAWN BY: JJ	FILE: 15-715

ROAD PLAT COG OPERATING, LLC.

PROPOSED ROAD FROM THE SQUINTS FED COM #8H TO DELAWARE BASIN ROAD IN SECTION 26, TOWNSHIP 22 SOUTH, RANGE 34 EAST, N.M.P.M., LEA COUNTY, NEW MEXICO.



DESCRIPTION

A STRIP OF LAND 30.0 FEET WIDE AND 4027.1 FEET OR 244.07 RODS OR 0.763 MILES IN LENGTH CROSSING FEE LAND IN SECTION 26, TOWNSHIP 22 SOUTH, RANGE 34 EAST, LEA COUNTY, NEW MEXICO AND BEING 15.0 FEET LEFT AND 15.0 FEET RIGHT OF THE ABOVE PLATTED CENTERLINE SURVEY.

/12/15

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 GRID 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.





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	SCALE:	1"=1000'	

COG OPERATING, LLC

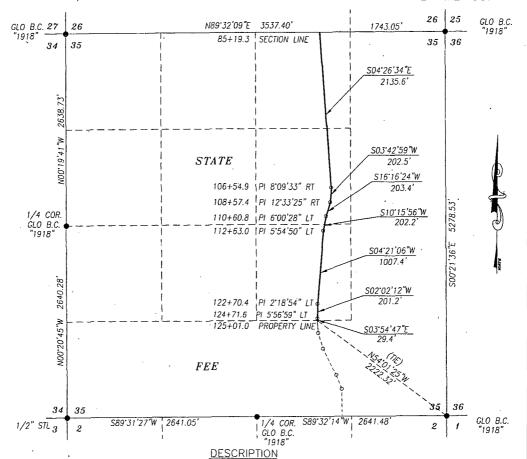
SURVEY OF A PROPOSED PIPELINE LOCATED IN SECTION 26, TOWNSHIP 22 SOUTH, RANGE 34 EAST, LEA COUNTY, NMPM, NEW MEXICO

1	22. 000	- 111271100	
	SURVEY DATE: FEB	RUARY 12, 2015	
	DRAFTING DATE:	JUNE 9, 2015	PAGE 2 OF 5
	APPROVED BY: CH	DRAWN BY: JJ	FILE: 15-715

ROAD PLAT COG OPERATING, LLC.

PROPOSED ROAD FROM THE SQUINTS FED COM #8H TO DELAWARE BASIN ROAD IN SECTION 35, TOWNSHIP 22 SOUTH, RANGE 34 EAST, N.M.P.M., LEA COUNTY.

NEW MEXICO.



A STRIP OF LAND 30.0 FEET WIDE CROSSING STATE OF NEW MEXICO LAND IN SECTION 35, TOWNSHIP 22, RANGE 34 EAST, NMPM, LEA COUNTY, NEW MEXICO AND BEING 15.0 FEET LEFT OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY; WHICH WILL BE ACCOUNTED FOR IN FOOTAGES, RODS, AND ACREAGES.

BEGINNING AT A POINT IN THE NW/4 NE/4 OF SAID SECTION, WHICH LIES \$8932'09"E 1743.05 FEET FROM THE NORTHEAST SECTION CORNER; THEN \$04'26'34" 2135.6 FEET; THEN \$03'42'59" 202.5 FEET, THEN \$16'16'24"W 203.4 FEET; THEN \$10'15'56"W 202.2 FEET; THEN \$04'21'06"W 1007.4 FEET; THEN \$02'02'12"W 201.2 FEET; THEN \$03'54'47"E 29.4 FEET TO A POINT, WHICH LIES N54'01'25"E 2222.32 FEET FROM THE SOUTHEAST SECTION CORNER.

SAID STRIP OF LAND BEING 3981.7 FEET OR 241.32 RODS OR 0.754 MILES IN LENGTH, CONTAINING 2.742 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

6/12/15

NE/4 NW/4 80.19 RODS OR 0.911 ACRES NE/4 SW/4 80.79 RODS OR 0.918 ACRES SE/4 SW/4 80.34 RODS OR 0.913 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 GRID 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

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



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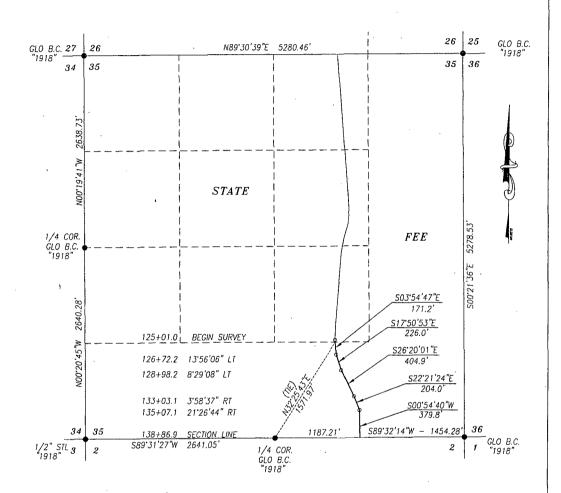
COG OPERATING, LLC

SURVEY OF A PROPOSED PIPELINE LOCATED IN SECTION 35, TOWNSHIP 22 SOUTH, RANGE 34 EAST, LEA COUNTY, NMPM, NEW MEXICO

SURVEY DATE: FEBRUARY 12, 2015	
DRAFTING DATE: MARCH 6, 2015	PAGE 3 OF 5
APPROVED BY: CH DRAWN BY: JJ	FILE: 15-715

ROAD PLAT COG OPERATING, LLC.

PROPOSED ROAD FROM THE SQUINTS FED COM #8H TO DELAWARE BASIN ROAD IN SECTION 35, TOWNSHIP 22 SOUTH, RANGE 34 EAST, N.M.P.M., LEA COUNTY, NEW MEXICO.



DESCRIPTION

A STRIP OF LAND 30.0 FEET WIDE AND 1385.9 FEET OR 83.99 RODS OR 0.262 MILES IN LENGTH CROSSING FEE LAND IN SECTION 35, TOWNSHIP 22 SOUTH, RANGE 34 EAST, LEA COUNTY, NEW MEXICO AND BEING 15.0 FEET LEFT AND 15.0 FEET RIGHT OF THE ABOVE PLATTED CENTERLINE SURVEY.

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 GRID 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.



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	SCALE:	1"=1000'		

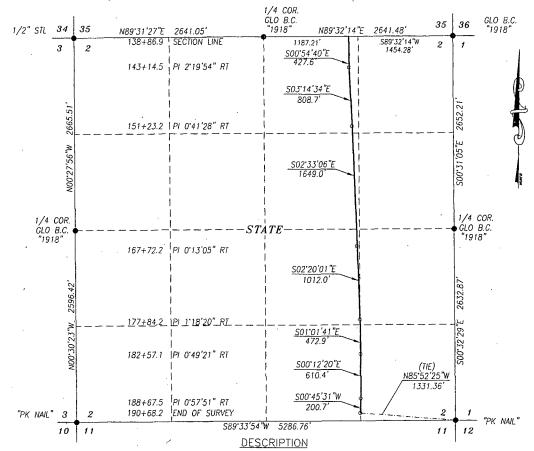
COG OPERATING, LLC

SURVEY OF A PROPOSED PIPELINE LOCATED IN SECTION 35, TOWNSHIP 22 SOUTH, RANGE 34 EAST, LEA COUNTY, NMPM, NEW MEXICO

SURVEY DATE: FEBRUARY 12	2015		
DRAFTING DATE: JUNE 9, 2	2015	PAGE 4	OF 5
APPROVED BY: CH DRAWN I	3Y: JJ	FILE: 15	5-715

ROAD PLAT COG OPERATING, LLC.

PROPOSED ROAD FROM THE SQUINTS FED COM #8H TO DELAWARE BASIN ROAD IN SECTION 2, TOWNSHIP 23 SOUTH, RANGE 34 EAST, N.M.P.M., LEA COUNTY, NEW MEXICO.



A STRIP OF LAND 30.0 FEET WIDE CROSSING STATE OF NEW MEXICO LAND IN SECTION 2, TOWNSHIP 23, RANGE 34 EAST, NMPM, LEA COUNTY, NEW MEXICO AND BEING 15.0 FEET LEFT OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY; WHICH WILL BE ACCOUNTED FOR IN FOOTAGES, RODS, AND ACREAGES.

BEGINNING AT A POINT IN THE NW/4 NE/4 OF SAID SECTION, WHICH LIES S89'32'14"E 1454.28 FEET FROM THE NORTHEAST SECTION CORNER; THEN S00'54'40" 427.6 FEET, THEN S03'14'34" 808.7 FEET, THEN S02'33'06" 1649.0 FEET, THEN S02'20'01" 1012.0 FEET, THEN S01'01'41"E 472.9 FEET, THEN S00'12'20"E 610.4 FEET, THEN S00'45'31"W 200.7 TO A POINT, WHICH LIES N85'52'25"W 1331.36 FEET FROM THE SOUTHEAST SECTION CORNER.

SAID STRIP OF LAND BEING 5181.3 FEET OR 314.02 RODS OR 0.981 MILES IN LENGTH, CONTAINING 3.568 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

<u>/12/15</u>

NW/4 NE/4 80.70 RODS OR 0.917 ACRES SW/4 NE/4 80.05 RODS OR 0.910 ACRES NE/4 SE/4 79.86 RODS OR 0.907 ACRES

SW/4 SE/4 28.34 RODS OR 0.322 ACRES SE/4 SE/4 45.07 RODS OR 0.512 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 GRID 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 JHE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO. AND L. HARCRO

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

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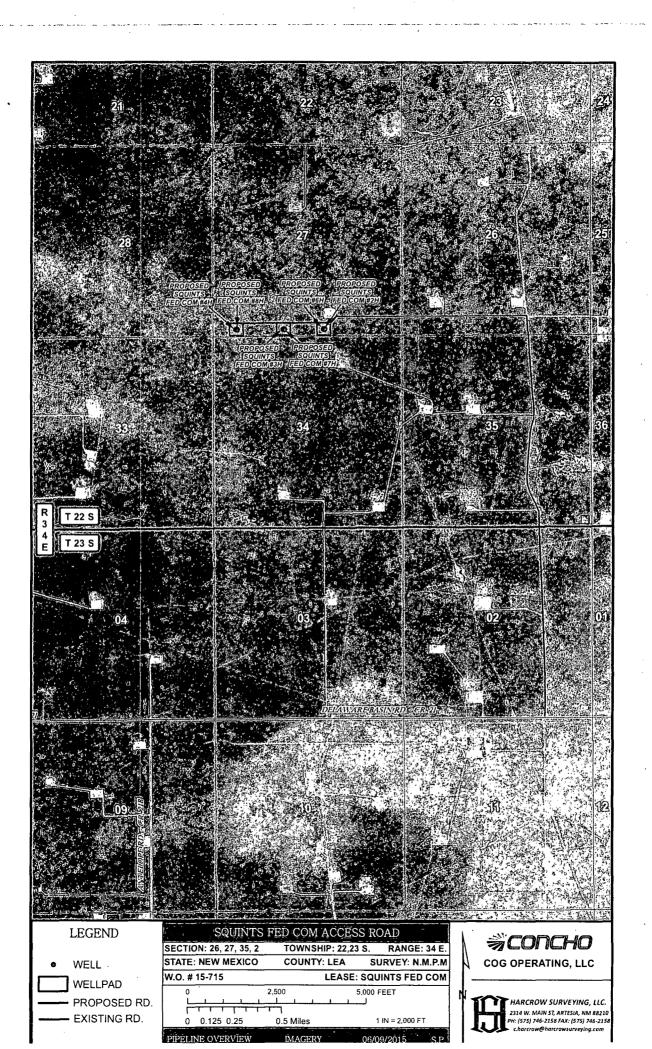


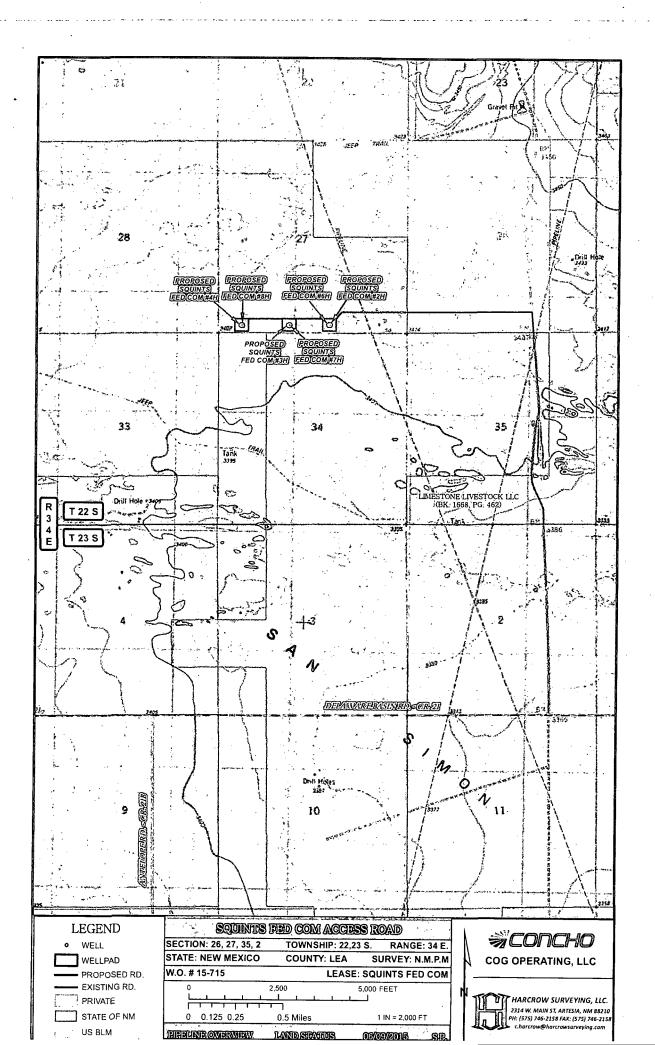
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	SCALE:	1"=1000'		

COG OPERATING, LLC

SURVEY OF A PROPOSED PIPELINE LOCATED IN SECTION 2, TOWNSHIP 23 SOUTH, RANGE 34 EAST, LEA COUNTY, NMPM, NEW MEXICO

SURVEY DATE: FEBRUARY 12, 2015	
DRAFTING DATE: JUNE 9, 2015	PAGE 5 OF 5
APPROVED BY: CH DRAWN BY: JJ	FILE: 15-715

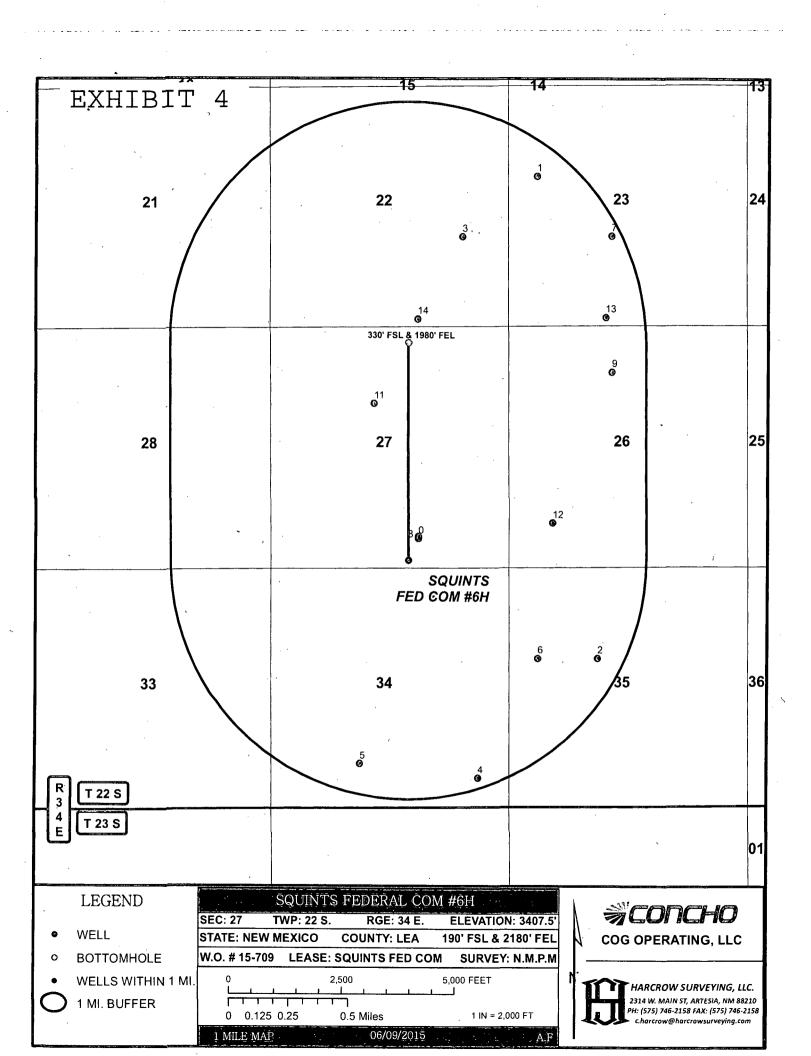




21	22	23	24						-	
28	27	26	25	30	29	28 PROPO SQUIN FED C	OSED EXISTII SUN FE OM #2H SQUI	NG 26	25	30
33	34	35	36	31	32	33	FED COM	NTS #6H 35	36	31
04	03	02	01	06	05	04	03	02	01	06
09	10	11	12	07	08	09 10		11	12	07
16	15	14	13	18	17	16	15	14	13	18
21	22	23	24	19	20	21	22	23	23 24	
28	27	26	25	25 30 29 28		27	26	25	30	
33	34	35	36	31	32	33	34	35	36	31
04	03	02	01	06	05	04	03	02	01	06
09 08	10	11	12	07	08	09	10	11	12	07
¹⁷ 16	15	14 M M 3 0	13	18	17	16	15	14	13	18
20 21	22	23	128 24	19	20	21	22	23	24	19
LE • W W E>	CGEND ELL ELLPAD KISTING R	SEC: 2 STATE W.O. #	SQUI 7 TWP: 2 : NEW MEXIC 15-709 LEA	NTS FED 2 S. F 0 COUI SE: SQUIN 7,500 10,000	ERAL CON RGE: 34 E. NTY: LEA TS FED CON	#6H ELEVATIO 190' FSL & SURVEY	DN: 3407.5' 2180' FEL Y: N.M.P.M	COG OF	ONCF PERATING	, LLC
PROPOSED ROAD 1 1 1 1 1 1 1 1 1										

06/09/2015

0 0.5 VIÇ<u>İ</u>NITY MAP



	EW_CD TVD_DEPTH COMPL_STAT	I E 4202 Plugged	W 14739 Plugged	1 W 13650 Active) E 13435 Plugged	1 E 13562 Active	13428 Active .	1 W 12500 Active	W 13375 Plugged		13600 Active	1 E 13500 Plugged	W 13530 Plugged	W 13572 Active	W (Not drilled or compl)	0 New (Not drilled or compl)
	FTG_NS NS_CD FTG_EW EW_CD	1980	W 099	1980 W	066	99	M 0861	M 099	2310 W	1980 E	2310 W	1650 E	2310 W	W 066	2180 W	1980
•	FTG_NS NS	S 099	1980 N	1980 N	1980 S	S 099	S 066	1980 N	1980 S	710 S	N 066	N 099	1650 N	S 066	200 \$	185 S
	HIP RANGE	34E	34E	346	34E	34E	34E	-34E	34E	34E	34E	34E	34E	34E	34E	34E
	SECTION TOWNSHIP RANGE	27 22.05	23 22.05	35 22.05	22 22.05	34 22.05	34 22.05	35 22.05	23 22.05	27 22.05	26 22.05	34 22.05	27 22.05	26 22.05	23 22.05	22 22.05
	LONGITUDE API SEC	-103.455758 3002508481	-103.447096 3002524459	-103.442895 3002527941	-103.452478 3002529795	-103.451509 3002529807	-103.460025 3002530032	-103.44719 3002530128	-103.441737 3002530459	-103.455757 3002530603	-103.441764 3002530604	-103.454695 3002530661	-103.45889 3002530687	-103.446089 3002530733	-103.442175 3002541458	-103.455715 3002542288
	LATITUDE	32.357233	32.378983	32.349967	32.375364	32.342728	32.343644	32.349969	32.375357	32.35737	32.367193	32.353603	32.365388	32.358133	32.370465	32.370431
	, WELL_NAME	SORRELLS 001	OJO CHISO 001	MADDOX FEDERAL B 8016 JV-P 001	FEDERAL 22 001	MAXUS B 8026 JV-P 001	MAXUS B 8026 JV-P 002	MADDOX FEDERAL B 8016 JV-P 002	CHISO D 001	SUN FEDERAL COM 001	OJO CHISO FEDERAL 001	MAXUS B 8026 JV-P 003	ANTELOPE FEDERAL COM 001	OJO CHISO FED. 003	TOUR BUS STATE COM 001H	PERRO LOCO 22 8308 FEDERAL 001H
Squints Federal Com #6H	OPERATOR	0 J W SORRELLS	1 AMERICAN QUASAR PET	2 BTA OIL PRODUCERS, LLC	3 APACHE CORP	4 BTA OIL PRODUCERS, LLC	5 BTA OIL PRODUCERS, LLC	6 BTA OIL PRODUCERS, LLC	7 SAMSON RESOURCES CO	8 COG OPERATING LLC	9 BTA OIL PRODUCERS, LLC	10 BTA OIL PRODUCERS	11 ORYX ENERGY CO	12 BTA OIL PRODUCERS, LLC	13 YATES PETROLEUM CORPORATION	14 MEWBOURNE OIL CO
Squ	ED.															