

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill on or near an abandoned well. Use form 3160-3 (APD) for such proposals.*

**Central Field Office**  
**HOBBS OGD**

5. Lease Serial No.  
NMNM121958

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.  
DOMINATOR 25 FEDERAL COM 308H

9. API Well No.  
30-025-44704-00-X1

10. Field and Pool or Exploratory Area  
WC025G06S223421L-BONE SPRING

11. County or Parish, State  
LEA COUNTY, NM

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

OCT 10 2018

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
COG OPERATING LLC  
Contact: TODD SUTER  
E-Mail: suterconsultants@gmail.com

3a. Address  
ONE CONCHO CENTER 600 W ILLINOIS AVENUE  
MIDLAND, TX 79701-4287

3b. Phone No. (include area code)  
Ph: 575-748-1555

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 25 T25S R33E SWSW 310FSL 862FWL  
32.095104 N Lat, 103.531815 W Lon

**RECEIVED**

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

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

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomple horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomple in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

COG Operating, LLC respectfully requests authorization to install a 4-inch poly buried gas lift pipeline, a 6-inch poly buried gas suction pipeline, and a 16-inch poly buried SWD pipeline for the Dominator 25 Federal Central Tank Battery (CTB) No. 1, No. 2, No. 3, 4 and to Dominator 25 Drill Pad No. 1, No. 2, No. 3, No. 4, No. 5, No. 6, and No. 7. The buried pipelines will all be within the same 30 ft. rights-of-way and all in the same ditch. The total length and disturbance of all three lines within the same ditch on federal and state lands across section 25, T. 25S., R. 33E. will be 11,889.5 ft. (2.25 mile) in length, 30 ft. in width for a surface disturbance of 8.19 acres. The 4-inch poly buried gas lift pipeline on BLM surface will be 2,810.9 ft. (0.53 mile) in length, 30 ft. in width for a surface disturbance of 1.94 acres. The 4-inch poly buried gas lift pipeline on state surface will be 495.5 ft. (0.09 mile) in length, 30 ft. in width for a surface disturbance of 0.34 acres. The total disturbance for the 4-inch poly buried gas lift pipeline will be 3,306.4 ft. (0.63 mile) in length, 30 ft. in width for a surface disturbance of 2.28 acres. The 6-inch poly

Approved: WDD 9/20/2018 DOI-BLM-P020-2018-0957-Cx <sup>stips</sup> Attached

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #434155 verified by the BLM Well Information System**  
**For COG OPERATING LLC, sent to the Hobbs**  
**Committed to AFMSS for processing by PRISCILLA PEREZ on 09/12/2018 (18PP1811SE)**

Name (Printed/Typed) TODD SUTER Title REGULATORY CONSULTANT

Signature (Electronic Submission) Date 09/06/2018

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By [Signature] Title AFM - L&M Date 09/20/2018

Conditions of approval, if any are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office CPD

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

*[Handwritten initials]*

## **Additional data for EC transaction #434155 that would not fit on the form**

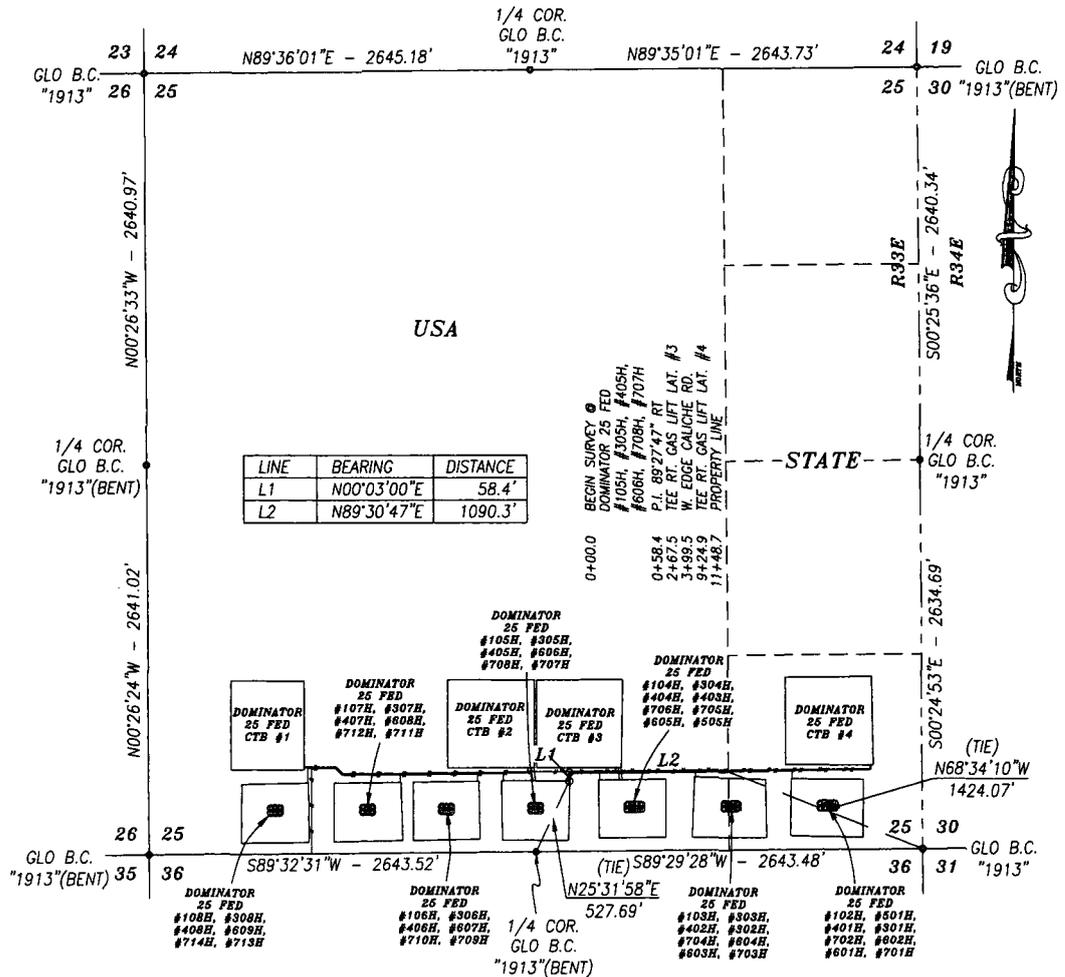
### **32. Additional remarks, continued**

buried gas suction pipeline on BLM surface will be 2,410.7 ft. (0.46 mile) in length, 30 ft. in width for a surface disturbance of 1.66 acres. The 6-inch poly buried gas suction pipeline on state surface will be 999.8 ft. (0.19 mile) in length, 30 ft. in width for a surface disturbance of 0.69 acres. The total disturbance for the 6-inch poly buried gas suction pipeline will be 3,410.5 ft. (0.65 mile) in length, 30 ft. in width for a surface disturbance of 2.35 acres. The 16-inch poly buried SWD pipeline on BLM surface will be 3,512.9 ft. (0.67 mile) in length, 30 ft. in width for a surface disturbance of 2.42 acres. The 16-inch poly buried SWD pipeline on state surface will be 999.6 ft. (0.32 mile) in length, 30 ft. in width for a surface disturbance of 1.14 acres. The total disturbance for the 16-inch poly buried gas suction pipeline will be 5,172.6 ft. (0.98 mile) in length, 30 ft. in width for a surface disturbance of 3.56 acres. The gas lift pipeline No. 1 will start at the Drill pad No. 1 and travel east picking up the Drill Island 2 and 3 before it ends at the northwest corner of the drill pad 4. The gas lift pipeline No. 2 will start at the drill pad No. 4, northeast corner, and travel east picking up the drill pad No. 5 and No. 6 until it reaches the northwest corner of the drill pad no. 7. The gas suction pipeline No. 1 will start at the CTB No. 1 and travel east to the CTB No. 2. The gas suction pipeline No. 2 will start at the CTB No. 3, southeast corner, and travel east until it reaches the southeast corner of the CTB No. 4. The 16-inch buried poly SWD pipeline will begin at the Owl Pipeline tie-in point southwest of the southwest corner of Drill pad No. 1. It will travel east and north and tie-in to the southeast corner of the CTB No.1, then it will travel east, picking up the CTB No. 2 and CTB No. 3, and finally ending at the southeast corner of the CTB No. 4.



**GAS LIFT LINE PLAT: GAS LIFT LINE #2  
COG OPERATING, LLC.**

A PROPOSED 4" GAS LIFT LINE FROM THE "DOMINATOR 25 FED WELLPAD #4"  
TO THE "DOMINATOR 25 FED WELLPAD #7" IN  
**SECTION 25, TOWNSHIP 25 SOUTH, RANGE 33 EAST, N.M.P.M.,**  
LEA COUNTY, NEW MEXICO.



**DESCRIPTION**

A STRIP OF LAND 30.0 FEET WIDE AND 1148.7 FEET OR 69.62 RODS OR 0.218 MILES IN LENGTH CROSSING USA LAND IN SECTION 25, TOWNSHIP 25 SOUTH, RANGE 33 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 SURFACE VALUES.

**CERTIFICATION**

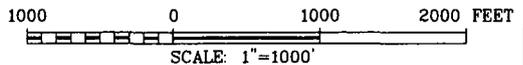
I, CHAD HARCROW, A NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR CERTIFY THAT I DIRECTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO.



*Chad Harcrow*  
CHAD HARCROW N.M.P.S. NO. 17777

6/21/18  
DATE

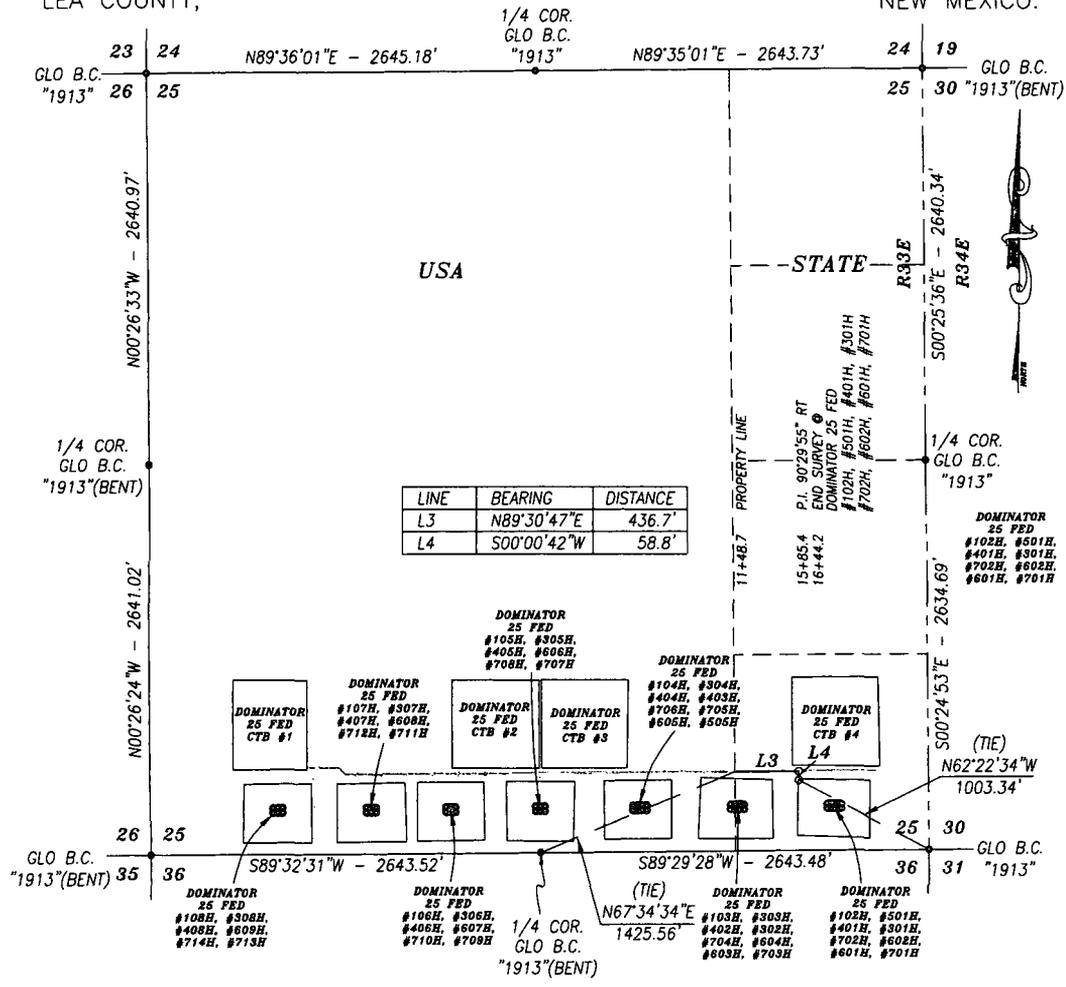
**HARCROW SURVEYING, LLC**  
2314 W. MAIN ST. ARTESIA, N.M. 88210  
PH: (575) 746-2158 FAX: (575) 746-2158  
Texas Firm No. 10194089  
c.harcrow@harcrowsurveying.com



<b>COG OPERATING, LLC</b>	
SURVEY OF A PROPOSED GAS LIFT LINE LOCATED IN SECTION 25, TOWNSHIP 25 SOUTH, RANGE 33 EAST, NMPM, LEA COUNTY, NEW MEXICO	
SURVEY DATE: JUNE 12, 2018	GAS LIFT LINE #2
DRAFTING DATE: JUNE 19, 2018	PAGE 1 OF 2
APPROVED BY: CH	DRAWN BY: SP
	FILE: 18-619

**GAS LIFT LINE PLAT: GAS LIFT LINE #2  
COG OPERATING, LLC.**

A PROPOSED 4" GAS LIFT LINE FROM THE "DOMINATOR 25 FED WELLPAD #4"  
TO THE "DOMINATOR 25 FED WELLPAD #7" IN  
**SECTION 25, TOWNSHIP 25 SOUTH, RANGE 33 EAST, N.M.P.M.,**  
LEA COUNTY, NEW MEXICO.



**DESCRIPTION**

A STRIP OF LAND 30.0 FEET WIDE CROSSING STATE OF NEW MEXICO LAND IN SECTION 25, TOWNSHIP 25 SOUTH, RANGE 33 EAST, NMPM, LEA COUNTY, NEW MEXICO AND BEING 15.0 FEET RIGHT AND 21.0 FEET LEFT OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY:

BEGINNING AT A POINT ON THE WEST LINE OF THE SE/4 SE/4 OF SAID SECTION, WHICH LIES N67°34'34"E 1425.56 FEET FROM THE SOUTH QUARTER CORNER; THEN N89°30'47"E 436.7 FEET; THEN S00°00'42"W 58.8 FEET, TO A POINT IN THE SE/4 SE/4 OF SAID SECTION, WHICH LIES N62°22'34"W 1003.34 FEET FROM THE SOUTHEAST CORNER.

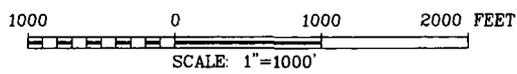
SAID STRIP OF LAND BEING 495.5 FEET OR 30.03 RODS IN LENGTH, CONTAINING 0.341 ACRES MORE OR LESS AND BEING ENTIRELY LOCATED WITHIN THE SE/4 SE/4 OF SAID SECTION.

**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.

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c.harcrow@harcrowsurveying.com



**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.



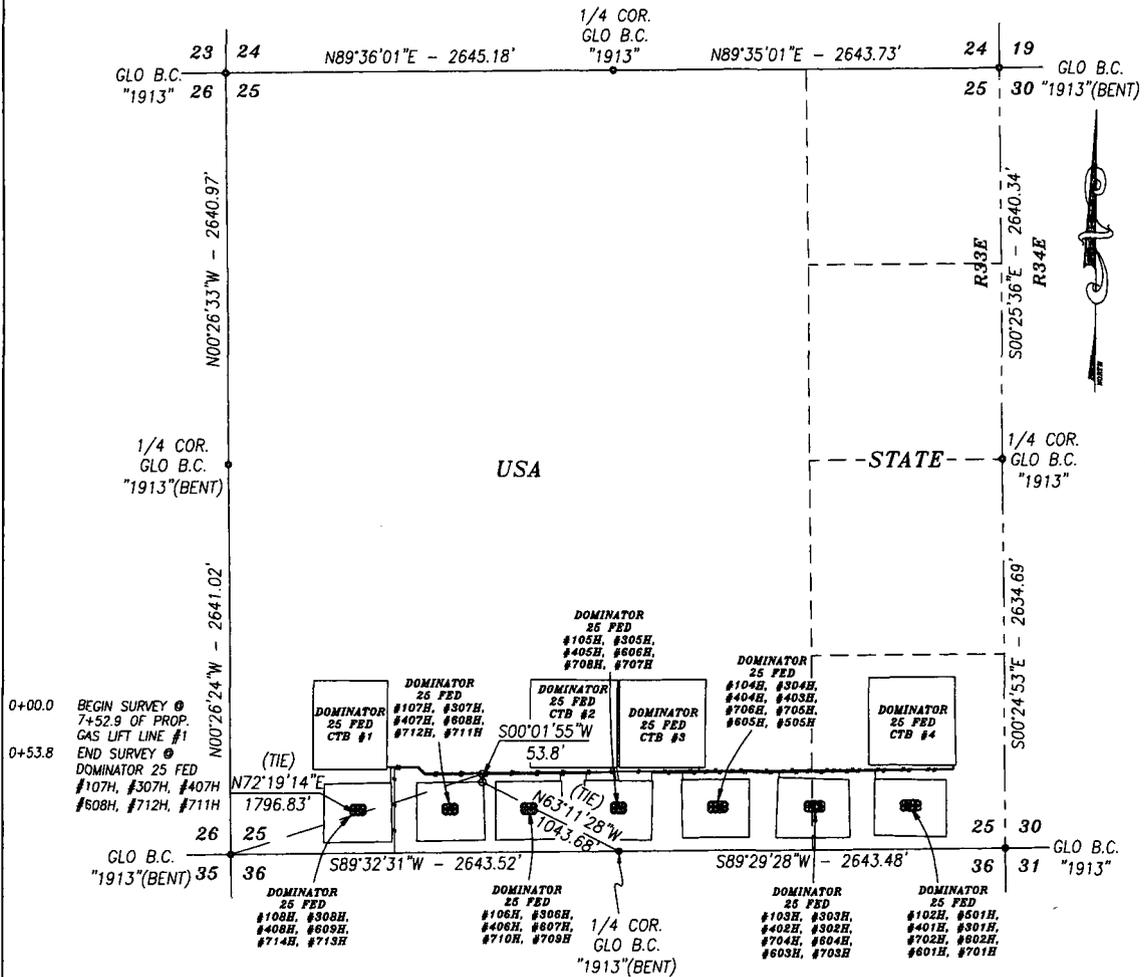
*Chad Harcrow*  
CHAD HARCROW N.M.P.S. NO. 17777  
DATE 6/21/18



<b>COG OPERATING, LLC</b>	
SURVEY OF A PROPOSED GAS LIFT LINE LOCATED IN SECTION 25, TOWNSHIP 25 SOUTH, RANGE 33 EAST, NMPM, LEA COUNTY, NEW MEXICO	
SURVEY DATE: JUNE 12, 2018	GAS LIFT LINE #2
DRAFTING DATE: JUNE 19, 2018	PAGE 2 OF 2
APPROVED BY: CH	DRAWN BY: SP
	FILE: 18-619

**GAS LIFT LINE PLAT: GAS LIFT LAT. #1  
COG OPERATING, LLC.**

A PROPOSED 4" GAS LIFT LINE FROM THE PROPOSED GAS LIFT LINE #1  
TO THE "DOMINATOR 25 FED WELLPAD #2" IN  
**SECTION 25, TOWNSHIP 25 SOUTH, RANGE 33 EAST, N.M.P.M.,  
LEA COUNTY, NEW MEXICO.**



**DESCRIPTION**

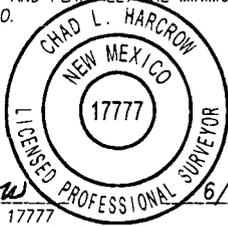
A STRIP OF LAND 30.0 FEET WIDE AND 53.8 FEET OR 3.26 RODS OR 0.010 MILES IN LENGTH CROSSING USA LAND IN SECTION 25, TOWNSHIP 25 SOUTH, RANGE 33 EAST, LEA COUNTY, NEW MEXICO AND BEING 15.0 FEET LEFT AND 15.0 FEET RIGHT OF THE ABOVE PLATTED CENTERLINE SURVEY.

**BASIS OF BEARING:**

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**CERTIFICATION**

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

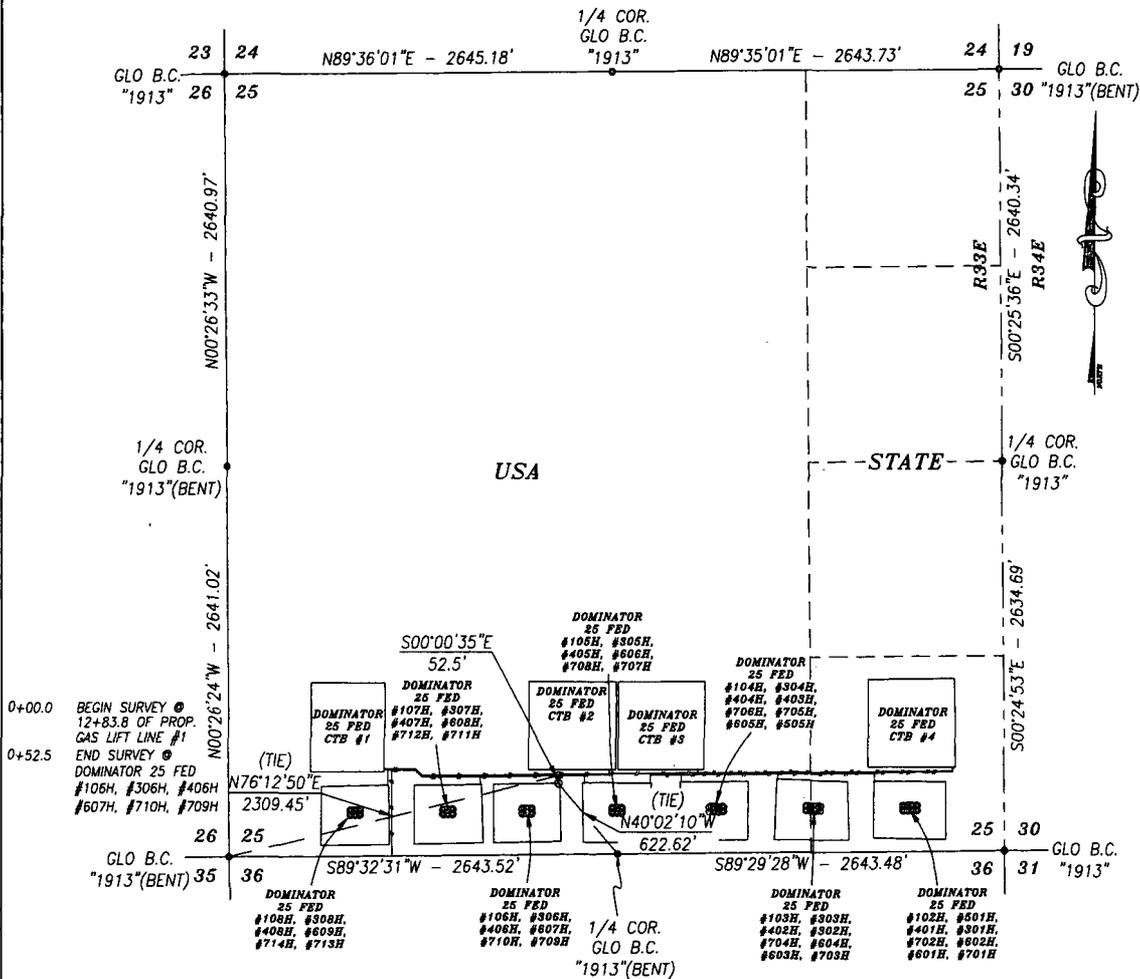
**COG OPERATING, LLC**

SURVEY OF A PROPOSED GAS LIFT LINE  
LOCATED IN SECTION 25, TOWNSHIP 25 SOUTH,  
RANGE 33 EAST, NMPM, LEA COUNTY, NEW MEXICO

SURVEY DATE: JUNE 12, 2018	GAS LIFT LAT. #1
DRAFTING DATE: JUNE 19, 2018	PAGE 1 OF 1
APPROVED BY: CH	DRAWN BY: SP
	FILE: 18-619

**GAS LIFT LINE PLAT: GAS LIFT LAT. #2  
COG OPERATING, LLC.**

A PROPOSED 4" GAS LIFT LINE FROM THE PROPOSED GAS LIFT LINE #1  
TO THE "DOMINATOR 25 FED WELLPAD #3" IN  
**SECTION 25, TOWNSHIP 25 SOUTH, RANGE 33 EAST, N.M.P.M.,  
LEA COUNTY, NEW MEXICO.**



**DESCRIPTION**

A STRIP OF LAND 30.0 FEET WIDE AND 52.5 FEET OR 3.18 RODS OR 0.010 MILES IN LENGTH CROSSING USA LAND IN SECTION 25, TOWNSHIP 25 SOUTH, RANGE 33 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 SURFACE VALUES.

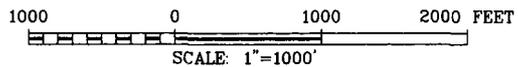
**CERTIFICATION**  
I, CHAD HARCROW, A NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR CERTIFY THAT I DIRECTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO.



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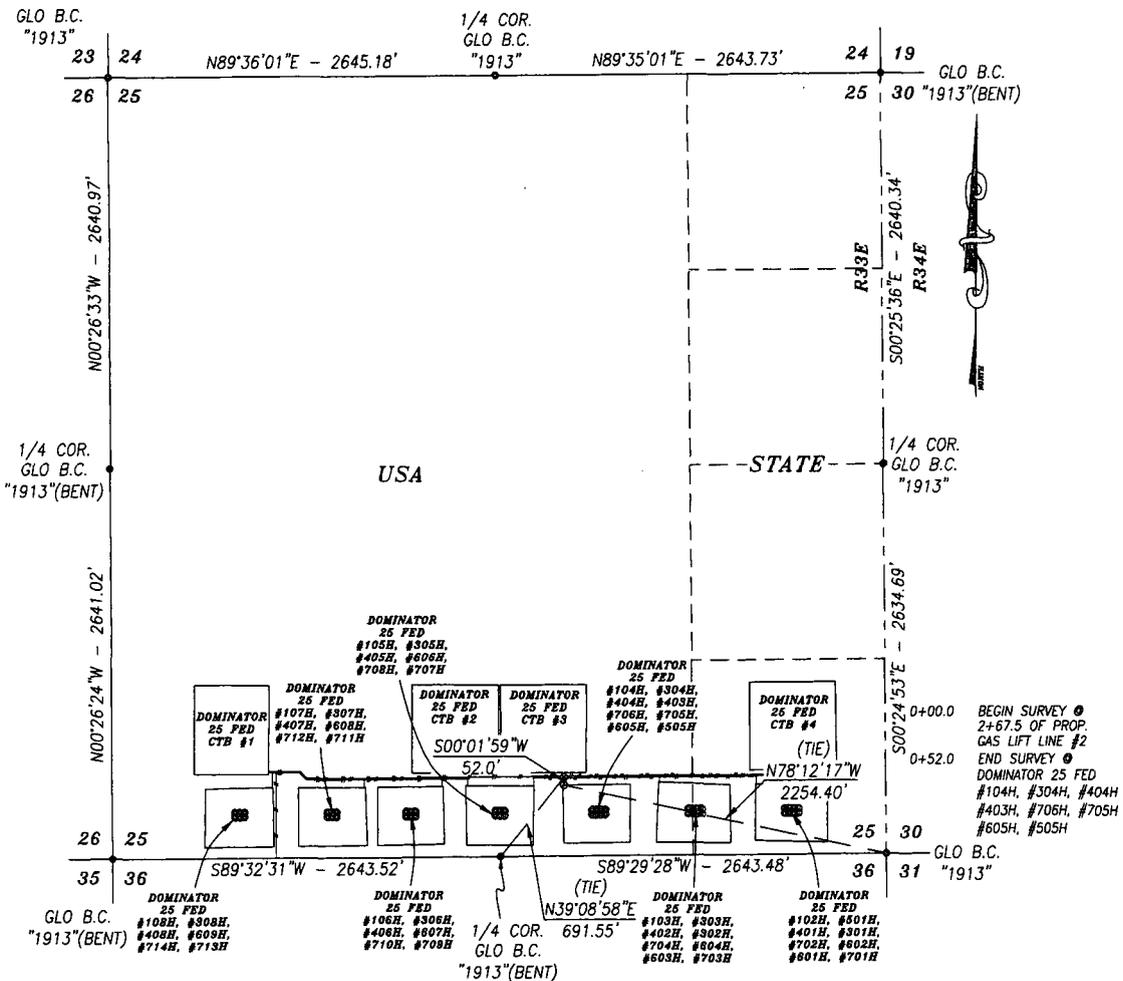
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<b>COG OPERATING, LLC</b>	
SURVEY OF A PROPOSED GAS LIFT LINE LOCATED IN SECTION 25, TOWNSHIP 25 SOUTH, RANGE 33 EAST, NMPM, LEA COUNTY, NEW MEXICO	
SURVEY DATE: JUNE 12, 2018	GAS LIFT LAT. #2
DRAFTING DATE: JUNE 19, 2018	PAGE 1 OF 1
APPROVED BY: CH	DRAWN BY: SP
	FILE: 18-619

**GAS LIFT LINE PLAT: GAS LIFT LAT. #3  
COG OPERATING, LLC.**

A PROPOSED 4" GAS LIFT LINE FROM THE PROPOSED GAS LIFT LINE #2  
TO THE "DOMINATOR 25 FED WELLPAD #5" IN  
**SECTION 25, TOWNSHIP 25 SOUTH, RANGE 33 EAST, N.M.P.M.,**  
LEA COUNTY, NEW MEXICO.

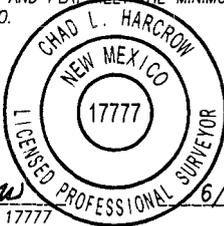


**DESCRIPTION**

A STRIP OF LAND 30.0 FEET WIDE AND 52.0 FEET OR 3.15 RODS OR 0.010 MILES IN LENGTH CROSSING USA LAND IN SECTION 25, TOWNSHIP 25 SOUTH, RANGE 33 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:**  
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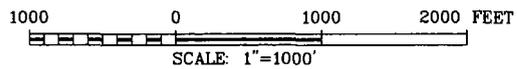
**CERTIFICATION**  
I, CHAD HARCROW, A NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR CERTIFY THAT I DIRECTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO.



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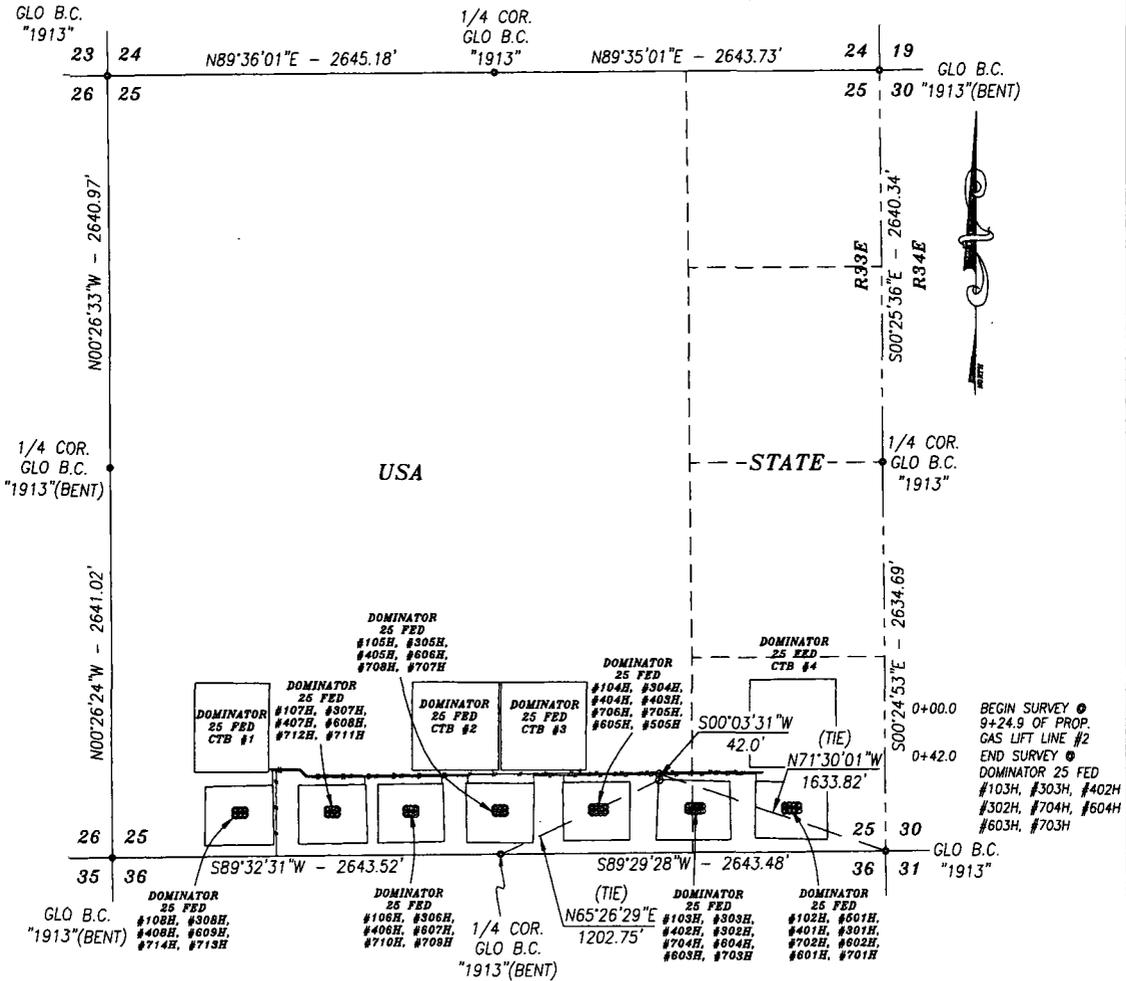
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<b>COG OPERATING, LLC</b>	
SURVEY OF A PROPOSED GAS LIFT LINE LOCATED IN SECTION 25, TOWNSHIP 25 SOUTH, RANGE 33 EAST, NMPM, LEA COUNTY, NEW MEXICO	
SURVEY DATE: JUNE 12, 2018	GAS LIFT LAT. #3
DRAFTING DATE: JUNE 19, 2018	PAGE 1 OF 1
APPROVED BY: CH	DRAWN BY: SP
FILE: 18-619	

**GAS LIFT LINE PLAT: GAS LIFT LAT. #4  
COG OPERATING, LLC.**

A PROPOSED 4" GAS LIFT LINE FROM THE PROPOSED GAS LIFT LINE #2  
TO THE "DOMINATOR 25 FED WELLPAD #6" IN  
**SECTION 25, TOWNSHIP 25 SOUTH, RANGE 33 EAST, N.M.P.M.,**  
LEA COUNTY, NEW MEXICO.



**DESCRIPTION**

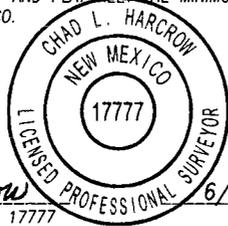
A STRIP OF LAND 30.0 FEET WIDE AND 42.0 FEET OR 2.55 RODS OR 0.008 MILES IN LENGTH CROSSING USA LAND IN SECTION 25, TOWNSHIP 25 SOUTH, RANGE 33 EAST, LEA COUNTY, NEW MEXICO AND BEING 15.0 FEET LEFT AND 15.0 FEET RIGHT OF THE ABOVE PLATTED CENTERLINE SURVEY.

**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 SURFACE VALUES.

**CERTIFICATION**

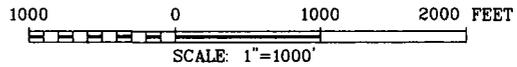
I, CHAD HARCROW, A NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR CERTIFY THAT I DIRECTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO.



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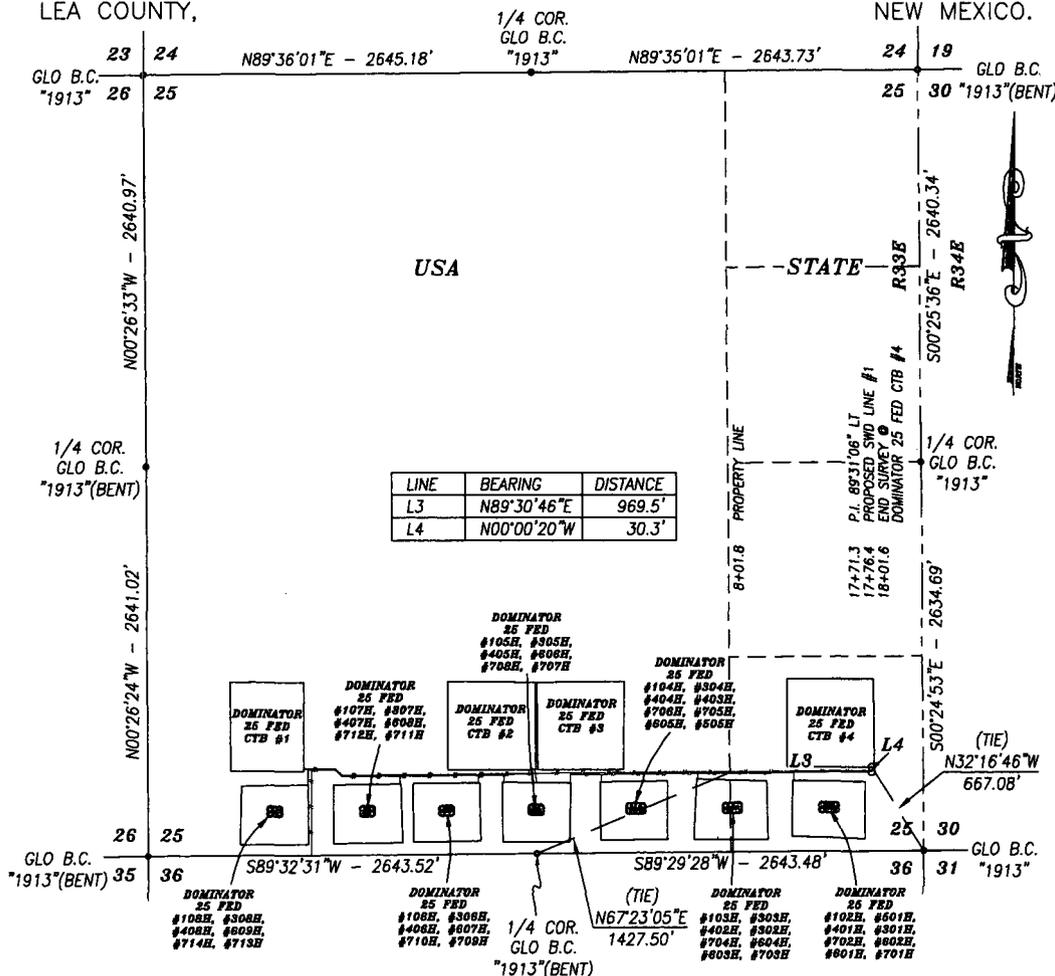
<b>COG OPERATING, LLC</b>	
SURVEY OF A PROPOSED GAS LIFT LINE LOCATED IN SECTION 25, TOWNSHIP 25 SOUTH, RANGE 33 EAST, NMPM, LEA COUNTY, NEW MEXICO	
SURVEY DATE: JUNE 12, 2018	GAS LIFT LAT. #4
DRAFTING DATE: JUNE 19, 2018	PAGE 1 OF 1
APPROVED BY: CH	DRAWN BY: SP
	FILE: 16-619





**GAS SUCTION LINE PLAT: GAS SUCTION LINE #2  
COG OPERATING, LLC.**

A PROPOSED 6" GAS SUCTION LINE FROM THE "DOMINATOR 25 FED CTB #3"  
TO THE "DOMINATOR 25 FED CTB #4" IN  
**SECTION 25, TOWNSHIP 25 SOUTH, RANGE 33 EAST, N.M.P.M.,**  
LEA COUNTY, NEW MEXICO.



**DESCRIPTION**

A STRIP OF LAND 30.0 FEET WIDE CROSSING STATE OF NEW MEXICO LAND IN SECTION 25, TOWNSHIP 25 SOUTH, RANGE 33 EAST, NMPM, LEA COUNTY, NEW MEXICO AND BEING 15.0 FEET RIGHT AND 15.0 FEET LEFT OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY:

BEGINNING AT A POINT ON THE WEST LINE OF THE SE/4 SE/4 OF SAID SECTION, WHICH LIES N67°23'05"E 1427.50 FEET FROM THE SOUTH QUARTER CORNER; THEN N89°30'46"E 969.5 FEET; THEN N00°00'20"W 30.3 FEET, TO A POINT IN THE SE/4 SE/4 OF SAID SECTION, WHICH LIES N32°16'46"W 667.08 FEET FROM THE SOUTHEAST CORNER.

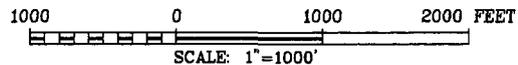
SAID STRIP OF LAND BEING 999.8 FEET OR 60.59 RODS IN LENGTH, CONTAINING 0.689 ACRES MORE OR LESS AND BEING ENTIRELY LOCATED WITHIN THE SE/4 SE/4 OF SAID SECTION.

**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.

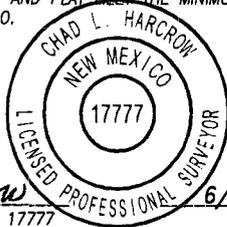
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Texas Firm No. 10194089  
c.harcrow@harcrowsurveying.com



**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.



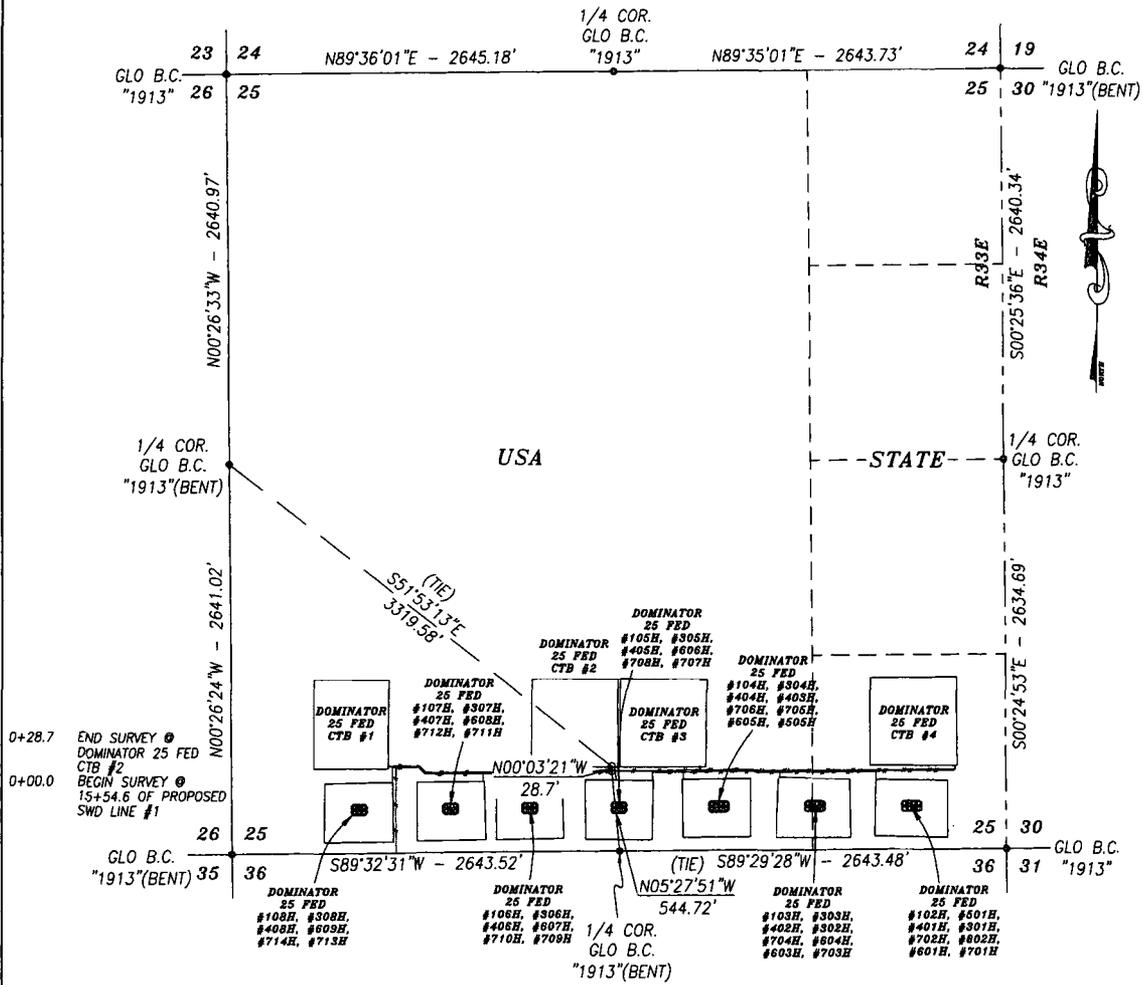
*Chad Harcrow*  
CHAD HARCROW N.M.P.S. NO. 17777  
DATE 6/21/18



<b>COG OPERATING, LLC</b>	
SURVEY OF A PROPOSED GAS SUCTION LINE LOCATED IN SECTION 25, TOWNSHIP 25 SOUTH, RANGE 33 EAST, NMPM, LEA COUNTY, NEW MEXICO	
SURVEY DATE: JUNE 12, 2018	GAS SUC. LINE #2
DRAFTING DATE: JUNE 19, 2018	PAGE 2 OF 2
APPROVED BY: CH	DRAWN BY: SP
	FILE: 18-619

**SWD LINE PLAT: SWD LAT. #1  
COG OPERATING, LLC.**

A PROPOSED 12" SWD LINE FROM THE PROPOSED SWD LINE #1  
TO THE "DOMINATOR 25 FED CTB #2" IN  
SECTION 25, TOWNSHIP 25 SOUTH, RANGE 33 EAST, N.M.P.M.,  
LEA COUNTY, NEW MEXICO.



**DESCRIPTION**

A STRIP OF LAND 30.0 FEET WIDE AND 28.7 FEET OR 1.74 RODS OR 0.005 MILES IN LENGTH CROSSING USA LAND IN SECTION 25, TOWNSHIP 25 SOUTH, RANGE 33 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 SURFACE VALUES.

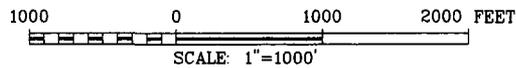
**CERTIFICATION**  
I, CHAD HARCROW, A NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR CERTIFY THAT I DIRECTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO.



*Chad Harcrow*  
CHAD HARCROW N.M.P.S. NO. 17777

6/21/18  
DATE

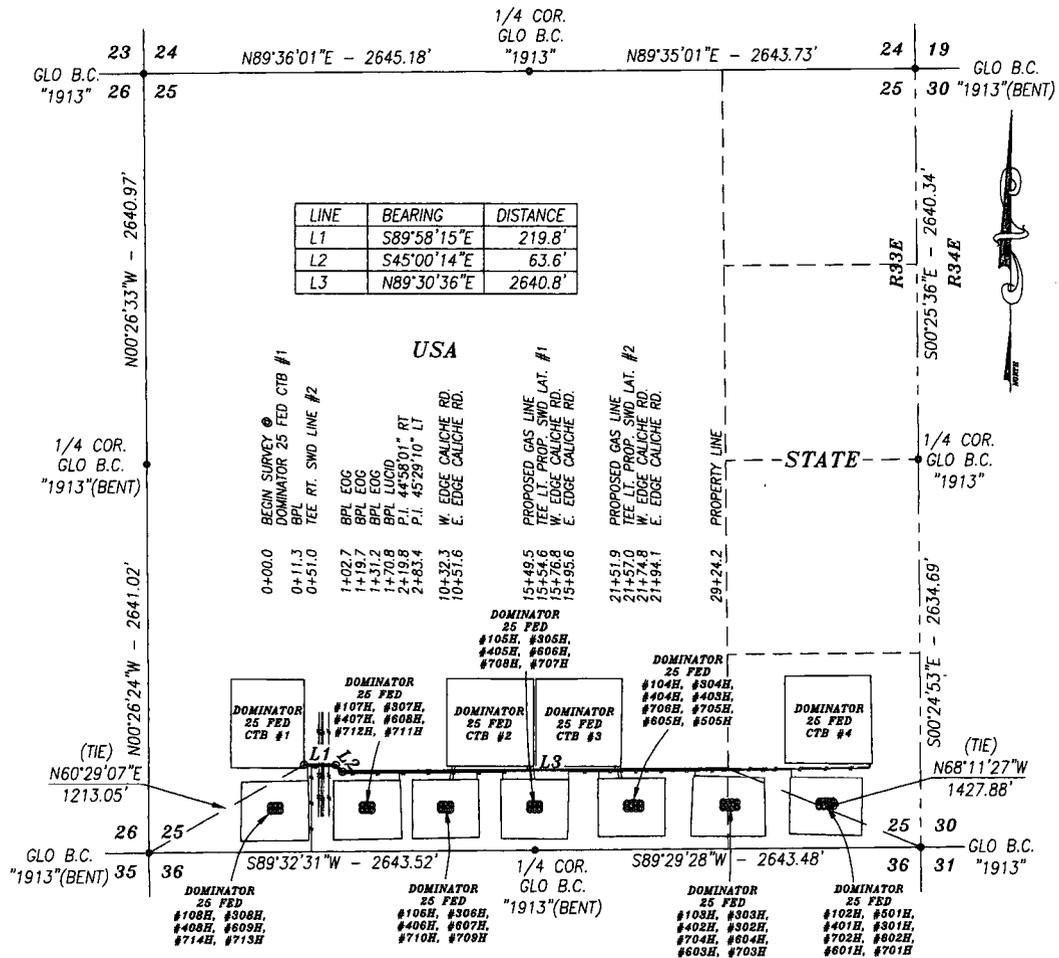
**HARCROW SURVEYING, LLC**  
2314 W. MAIN ST, ARTESIA, N.M. 88210  
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Texas Firm No. 10194089  
c.harcrow@harcrowsurveying.com



<b>COG OPERATING, LLC</b>	
SURVEY OF A PROPOSED SWD LINE LOCATED IN SECTION 25, TOWNSHIP 25 SOUTH, RANGE 33 EAST, NMPM, LEA COUNTY, NEW MEXICO	
SURVEY DATE: JUNE 12, 2018	SWD LAT. #1
DRAFTING DATE: JUNE 18, 2018	PAGE 1 OF 1
APPROVED BY: CH	DRAWN BY: SP
	FILE: 18-619

**SWD LINE PLAT: SWD LINE #1  
COG OPERATING, LLC.**

A PROPOSED 12" SWD LINE FROM THE "DOMINATOR 25 FED CTB #1"  
TO THE "DOMINATOR 25 FED CTB #4" IN  
**SECTION 25, TOWNSHIP 25 SOUTH, RANGE 33 EAST, N.M.P.M.,**  
LEA COUNTY, NEW MEXICO.



**DESCRIPTION**

A STRIP OF LAND 30.0 FEET WIDE AND 2924.2 FEET OR 177.22 RODS OR 0.554 MILES IN LENGTH CROSSING USA LAND IN SECTION 25, TOWNSHIP 25 SOUTH, RANGE 33 EAST, LEA COUNTY, NEW MEXICO AND BEING 15.0 FEET LEFT AND 15.0 FEET RIGHT OF THE ABOVE PLATTED CENTERLINE SURVEY.

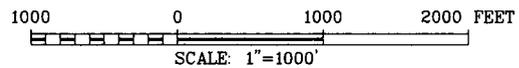
**BASIS OF BEARING:**  
BEARINGS SHOWN HEREON ARE MERCATOR GRID AND CONFORM TO THE NEW MEXICO COORDINATE SYSTEM "NEW MEXICO EAST ZONE" NORTH AMERICAN DATUM 1983. DISTANCES ARE SURFACE VALUES.

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

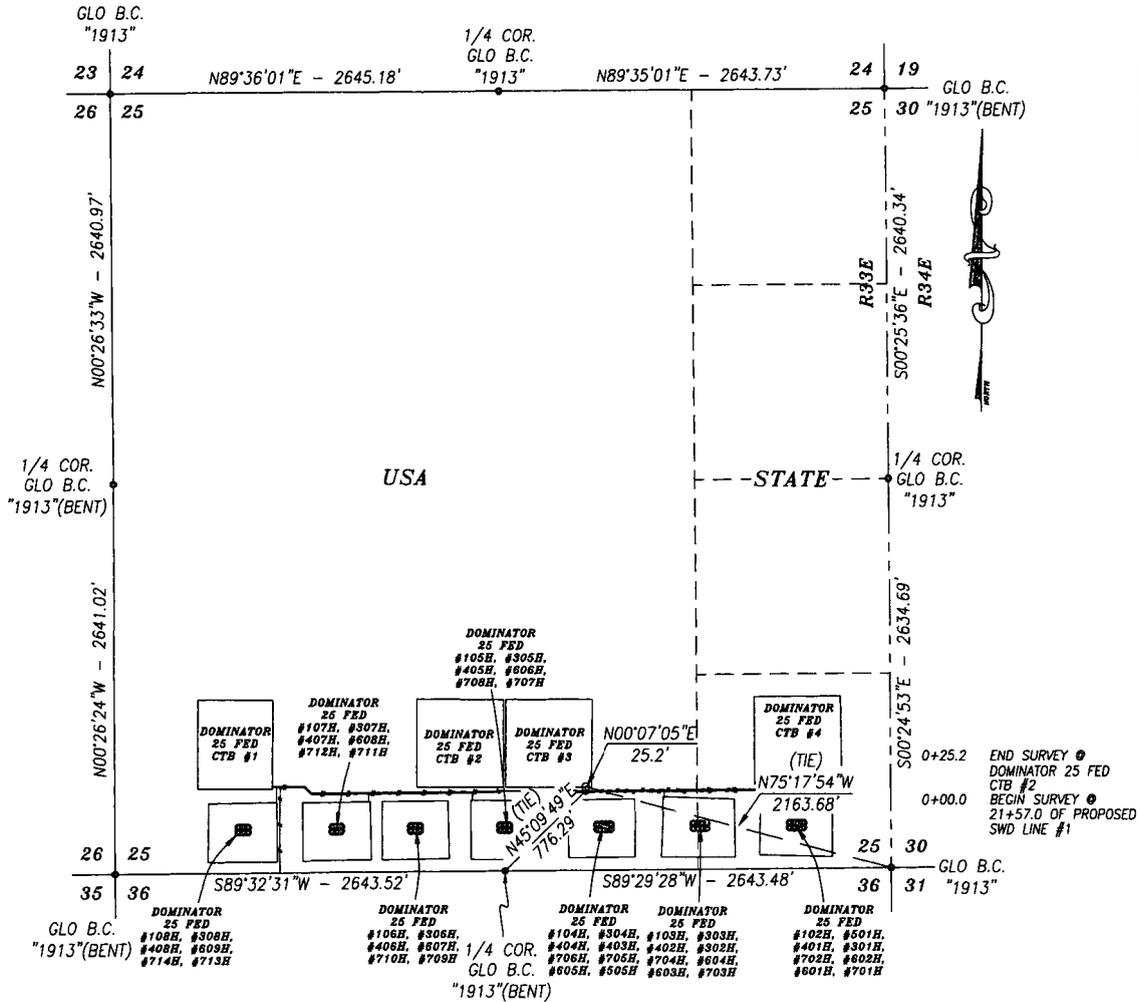
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<b>COG OPERATING, LLC</b>	
SURVEY OF A PROPOSED SWD LINE LOCATED IN SECTION 25, TOWNSHIP 25 SOUTH, RANGE 33 EAST, NMPM, LEA COUNTY, NEW MEXICO	
SURVEY DATE: JUNE 12, 2018	SWD LINE #1
DRAFTING DATE: JUNE 18, 2018	PAGE 1 OF 2
APPROVED BY: CH	DRAWN BY: SP
	FILE: 18-619

**SWD LINE PLAT: SWD LAT. #2  
COG OPERATING, LLC.**

A PROPOSED 12" SWD LINE FROM THE PROPOSED SWD LINE #1  
TO THE "DOMINATOR 25 FED CTB #3" IN  
**SECTION 25, TOWNSHIP 25 SOUTH, RANGE 33 EAST, N.M.P.M.,  
LEA COUNTY, NEW MEXICO.**



**DESCRIPTION**

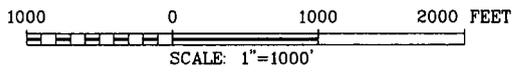
A STRIP OF LAND 30.0 FEET WIDE AND 25.2 FEET OR 1.53 RODS OR 0.005 MILES IN LENGTH CROSSING USA LAND IN SECTION 25, TOWNSHIP 25 SOUTH, RANGE 33 EAST, LEA COUNTY, NEW MEXICO AND BEING 15.0 FEET LEFT AND 15.0 FEET RIGHT OF THE ABOVE PLATTED CENTERLINE SURVEY.

**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 SURFACE VALUES.

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**CERTIFICATION**  
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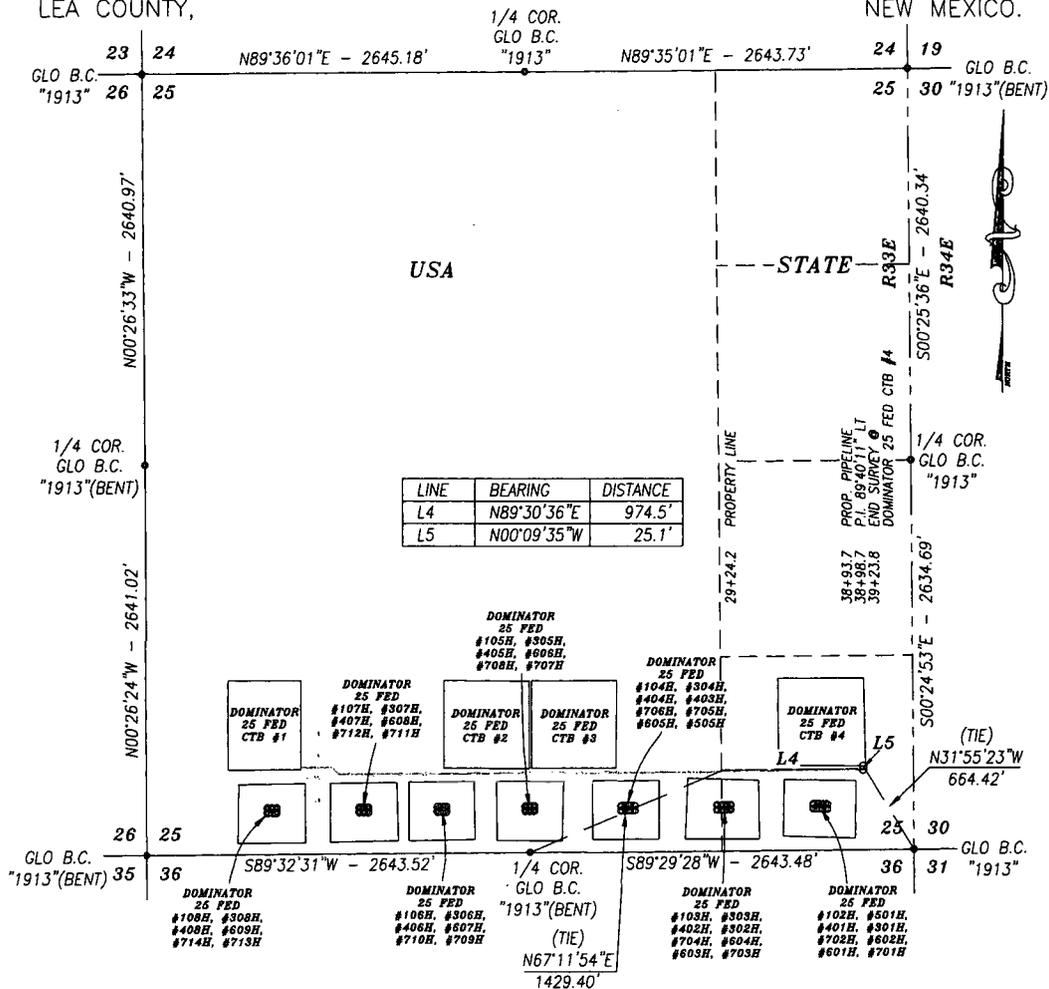


**Chad Harcrow**  
 CHAD HARCROW N.M.P.S. NO. 17777  
 DATE 6/21/18

<b>COG OPERATING, LLC</b>	
SURVEY OF A PROPOSED SWD LINE LOCATED IN SECTION 25, TOWNSHIP 25 SOUTH, RANGE 33 EAST, N.M.P.M., LEA COUNTY, NEW MEXICO	
SURVEY DATE: JUNE 12, 2018	SWD LAT. #2
DRAFTING DATE: JUNE 18, 2018	PAGE 1 OF 1
APPROVED BY: CH	DRAWN BY: SP
	FILE: 18-619

**SWD LINE PLAT: SWD LINE #1  
COG OPERATING, LLC.**

A PROPOSED 12" SWD LINE FROM THE "DOMINATOR 25 FED CTB #1"  
TO THE "DOMINATOR 25 FED CTB #4" IN  
**SECTION 25, TOWNSHIP 25 SOUTH, RANGE 33 EAST, N.M.P.M.,**  
LEA COUNTY, NEW MEXICO.



**DESCRIPTION**

A STRIP OF LAND 30.0 FEET WIDE CROSSING STATE OF NEW MEXICO LAND IN SECTION 25, TOWNSHIP 25 SOUTH, RANGE 33 EAST, NMPM, LEA COUNTY, NEW MEXICO AND BEING 15.0 FEET RIGHT AND 15.0 FEET LEFT OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY:

BEGINNING AT A POINT ON THE WEST LINE OF THE SE/4 SE/4 OF SAID SECTION, WHICH LIES N67°11'54"E 1429.40 FEET FROM THE SOUTH QUARTER CORNER; THEN N89°30'36"E 974.5 FEET; THEN N00°09'35"W 25.1 FEET, TO A POINT IN THE SE/4 SE/4 OF SAID SECTION, WHICH LIES N31°55'23"W 664.42 FEET FROM THE SOUTHEAST CORNER.

SAID STRIP OF LAND BEING 999.6 FEET OR 60.58 RODS IN LENGTH, CONTAINING 0.688 ACRES MORE OR LESS AND BEING ENTIRELY LOCATED WITHIN THE SE/4 SE/4 OF SAID SECTION.

**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 Harcrow*  
CHAD HARCROW N.M.P.S. NO. 17777  
DATE 6/21/18

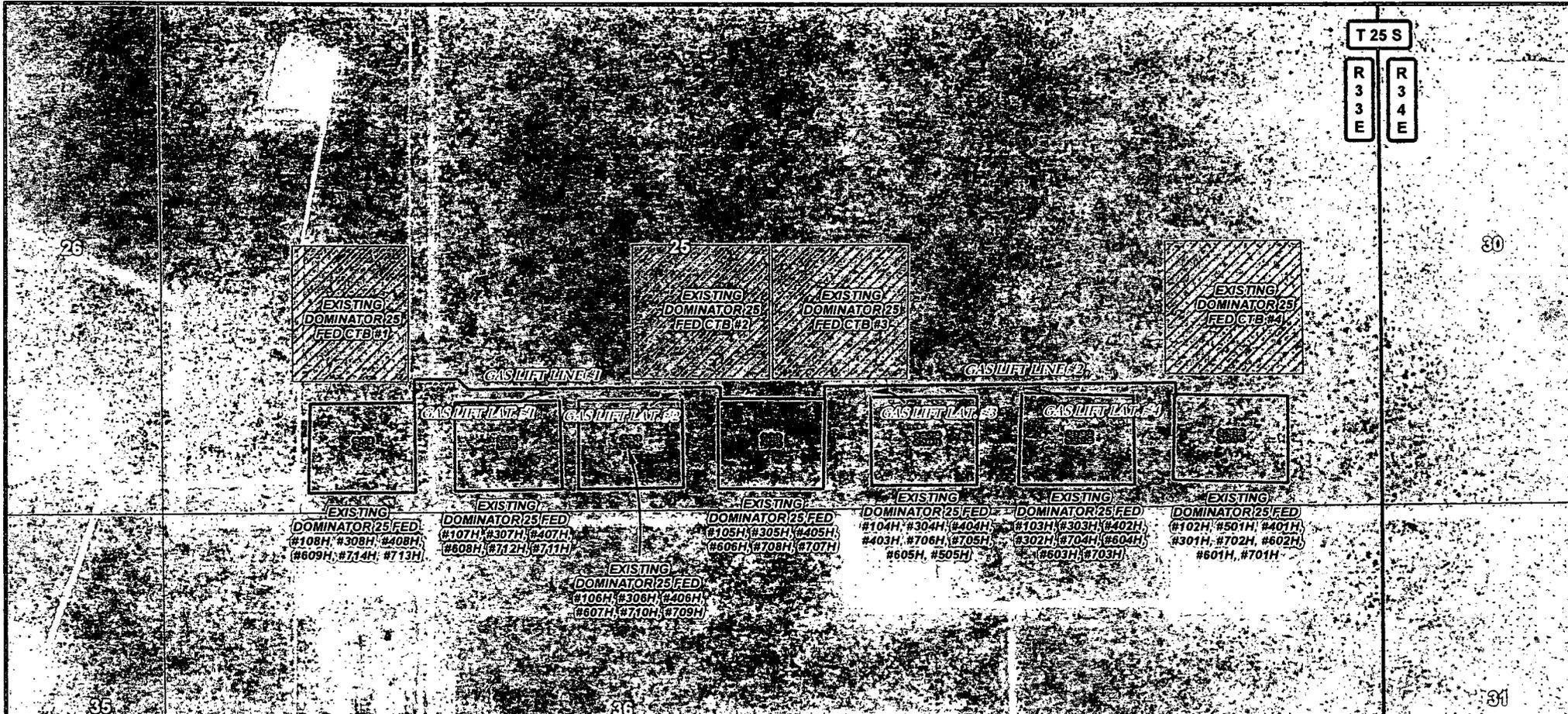
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1000 0 1000 2000 FEET  
SCALE: 1"=1000'

<b>COG OPERATING, LLC</b>		
SURVEY OF A PROPOSED SWD LINE LOCATED IN SECTION 25, TOWNSHIP 25 SOUTH, RANGE 33 EAST, NMPM, LEA COUNTY, NEW MEXICO		
SURVEY DATE: JUNE 12, 2018	SWD LINE #1	
DRAFTING DATE: JUNE 18, 2018	PAGE 2 OF 2	
APPROVED BY: CH	DRAWN BY: SP	FILE: 18-619





T 25 S  
R 33 E  
R 34 E

**LEGEND**

- GAS LIFT LINE
- GAS LIFT LAT.
- WELL
- WELLPAD
- ▨ TANK BATTERY

**DOMINATOR 25 FED GAS LIFT LINES**

SECTION: 25      TOWNSHIP: 25 S.      RANGE: 33 E.  
STATE: NEW MEXICO      COUNTY: LEA      SURVEY: N.M.P.M  
W.O. # 18-619      LEASE: DOMINATOR 25 FED

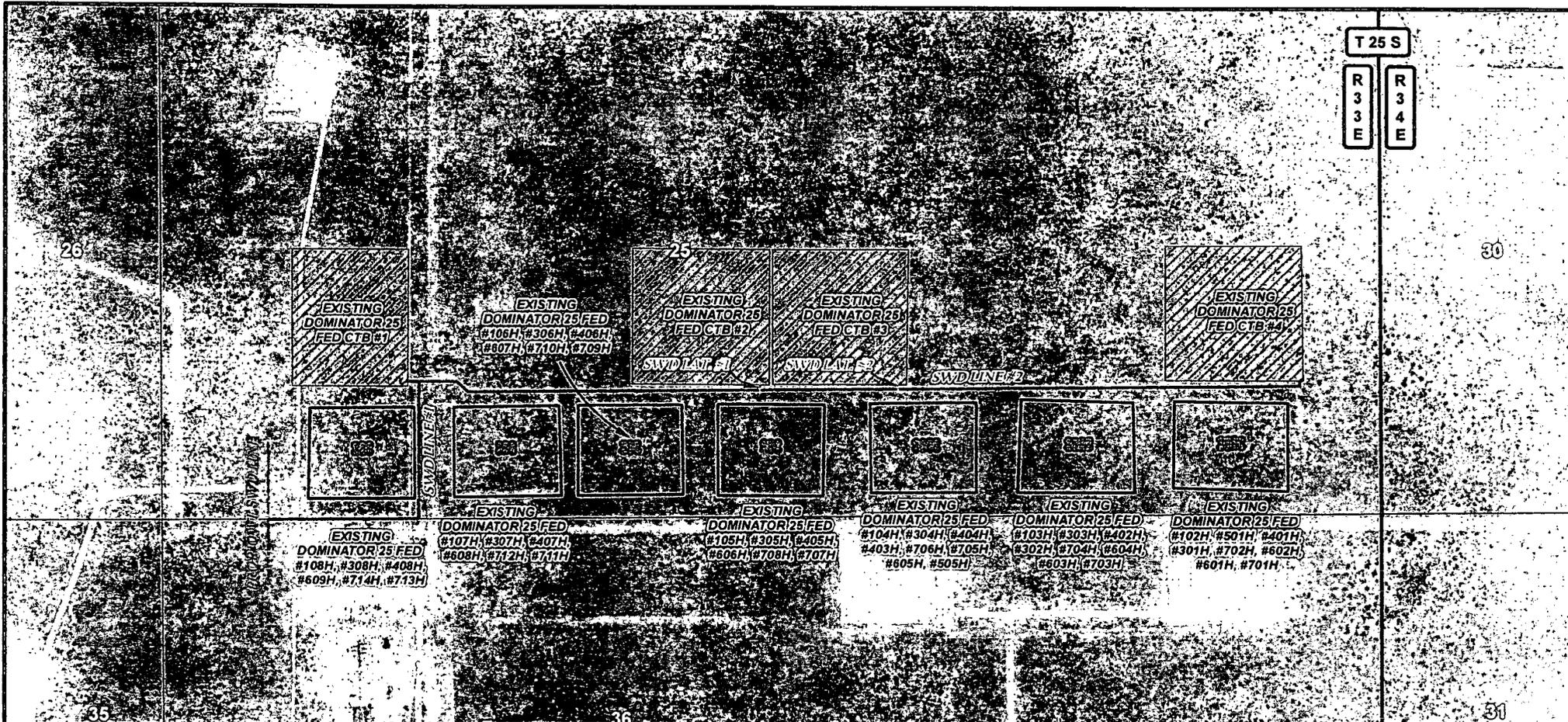


PIPELINE OVERVIEW      IMAGERY      6/19/2018      S:P

**CONCHO**  
COG OPERATING, LLC

---

**HSI** HARCROW SURVEYING, LLC.  
2314 W. MAIN ST, ARTESIA, NM 88210  
PH: (575) 746-2158 FAX: (575) 746-2158  
TEXAS FIRM NO. 10194089  
c.harcrow@harcrowsurveying.com



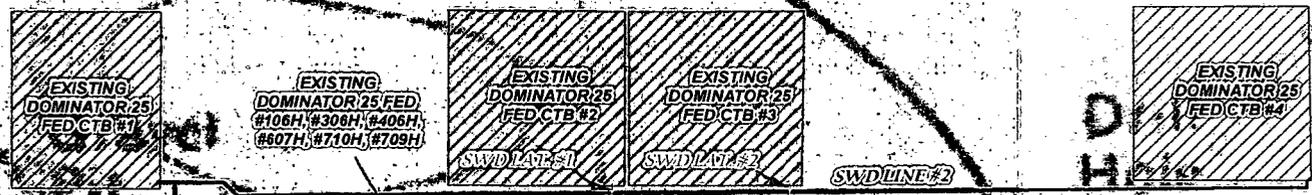
<b>LEGEND</b> SWD MAIN LINE SWD LAT. LINE NON-SUBJECT P/L WELL WELLPAD TANK BATTERY	<b>DOMINATOR 25 FED SWD LINES</b>		
	SECTIONS: 25 & 36	TOWNSHIP: 25 S.	RANGE: 33 E.
	STATE: NEW MEXICO	COUNTY: LEA	SURVEY: N.M.P.M
	W.O. # 18-619	LEASE: DOMINATOR 25 FED	
	 1 IN = 500 FT		
PIPELINE OVERVIEW	IMAGERY	6/19/2018 S.P.	

**CONCHO**  
COG OPERATING, LLC

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 c.harcrow@harcrowsurveying.com

Drill Hole

T 25 S  
R 33 E R 34 E



ARDE OWL SWD LINE



EXISTING DOMINATOR 25 FED  
#108H; #308H; #408H; #609H; #714H; #713H

EXISTING DOMINATOR 25 FED  
#107H; #307H; #407H; #608H; #712H; #711H

EXISTING DOMINATOR 25 FED  
#105H; #305H; #405H; #606H; #708H; #707H

EXISTING DOMINATOR 25 FED  
#104H; #304H; #404H; #403H; #706H; #705H; #605H; #505H

EXISTING DOMINATOR 25 FED  
#103H; #303H; #402H; #302H; #704H; #604H; #603H; #703H

EXISTING DOMINATOR 25 FED  
#102H; #501H; #401H; #301H; #702H; #602H; #601H; #701H

Drill Hole  
3335

D  
H

3120

<b>LEGEND</b> SWD MAIN LINE SWD LAT. LINE NON-SUBJECT P/L WELL WELL PAD TANK BATTERY PRIVATE STATE OF NM US BLM	<b>DOMINATOR 25 FED SWD LINES</b>		
	SECTIONS: 25 & 36	TOWNSHIP: 25 S.	RANGE: 33 E.
	STATE: NEW MEXICO	COUNTY: LEA	SURVEY: N.M.P.M
	W.O. # 18-619	LEASE: DOMINATOR 25 FED	
	0 0.05 0.1 0.2 Miles 1 IN = 500 FT		
PIPELINE OVERVIEW	LAND STATUS	6/19/2018 S.P.	

**CONCHO**  
COG OPERATING, LLC

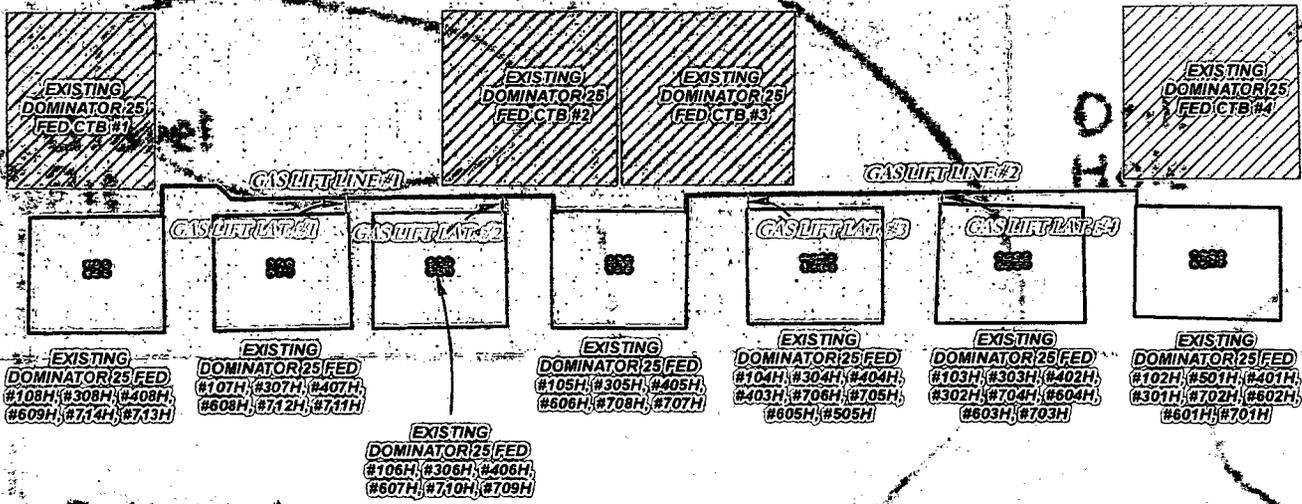
**HARCROW SURVEYING, LLC.**  
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 TEXAS FIRM NO. 10194089  
 c.harcrow@harcrowsurveying.com

Drill Hole

T 25 S

R 33 E

R 34 E



Drill Hole 3335

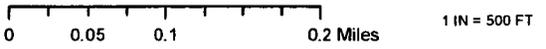
3370

**LEGEND**

- GAS LIFT LINE
- GAS LIFT LAT.
- WELL
- WELLPAD
- ▨ TANK BATTERY
- PRIVATE
- STATE OF NM
- US BLM

**DOMINATOR 25 FED GAS LIFT LINES**

SECTION: 25      TOWNSHIP: 25 S.      RANGE: 33 E.  
 STATE: NEW MEXICO      COUNTY: LEA      SURVEY: N.M.P.M  
 W.O. # 18-619      LEASE: DOMINATOR 25 FED



PIPELINE OVERVIEW      LAND STATUS      6/19/2018      S.P.

**CONCHO**  
 COG OPERATING, LLC

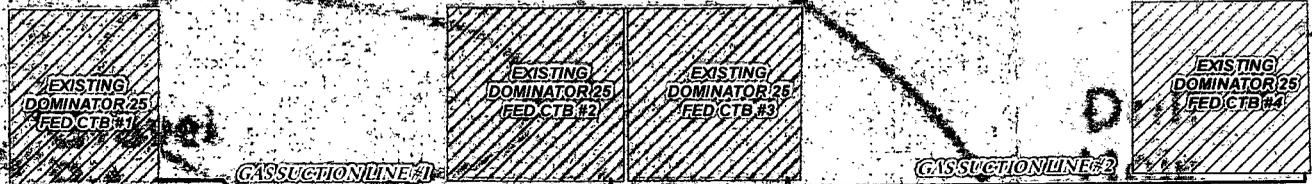
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T 25 S

R 3 E

R 3 4 E

Drill Hole  
3335



EXISTING DOMINATOR 25 FED #108H, #308H, #408H, #609H, #714H, #713H

EXISTING DOMINATOR 25 FED #107H, #307H, #407H, #608H, #712H, #711H

EXISTING DOMINATOR 25 FED #106H, #306H, #406H, #607H, #710H, #709H

EXISTING DOMINATOR 25 FED #105H, #305H, #405H, #606H, #708H, #707H

EXISTING DOMINATOR 25 FED #104H, #304H, #404H, #403H, #706H, #705H, #605H, #505H

EXISTING DOMINATOR 25 FED #103H, #303H, #402H, #302H, #704H, #604H, #603H, #703H

EXISTING DOMINATOR 25 FED #102H, #501H, #401H, #301H, #702H, #602H, #601H, #701H

Drill Hole  
3335

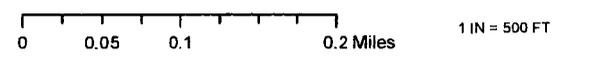
3370

**LEGEND**

- GAS SUC. LINE
- WELL
- WELLPAD
- ▨ TANK BATTERY
- PRIVATE
- STATE OF NM
- US BLM

**DOMINATOR 25 FED GAS SUCTION LINES**

SECTION: 25 TOWNSHIP: 25 S. RANGE: 33 E.  
 STATE: NEW MEXICO COUNTY: LEA SURVEY: N.M.P.M  
 W.O. # 18-619 LEASE: DOMINATOR 25 FED

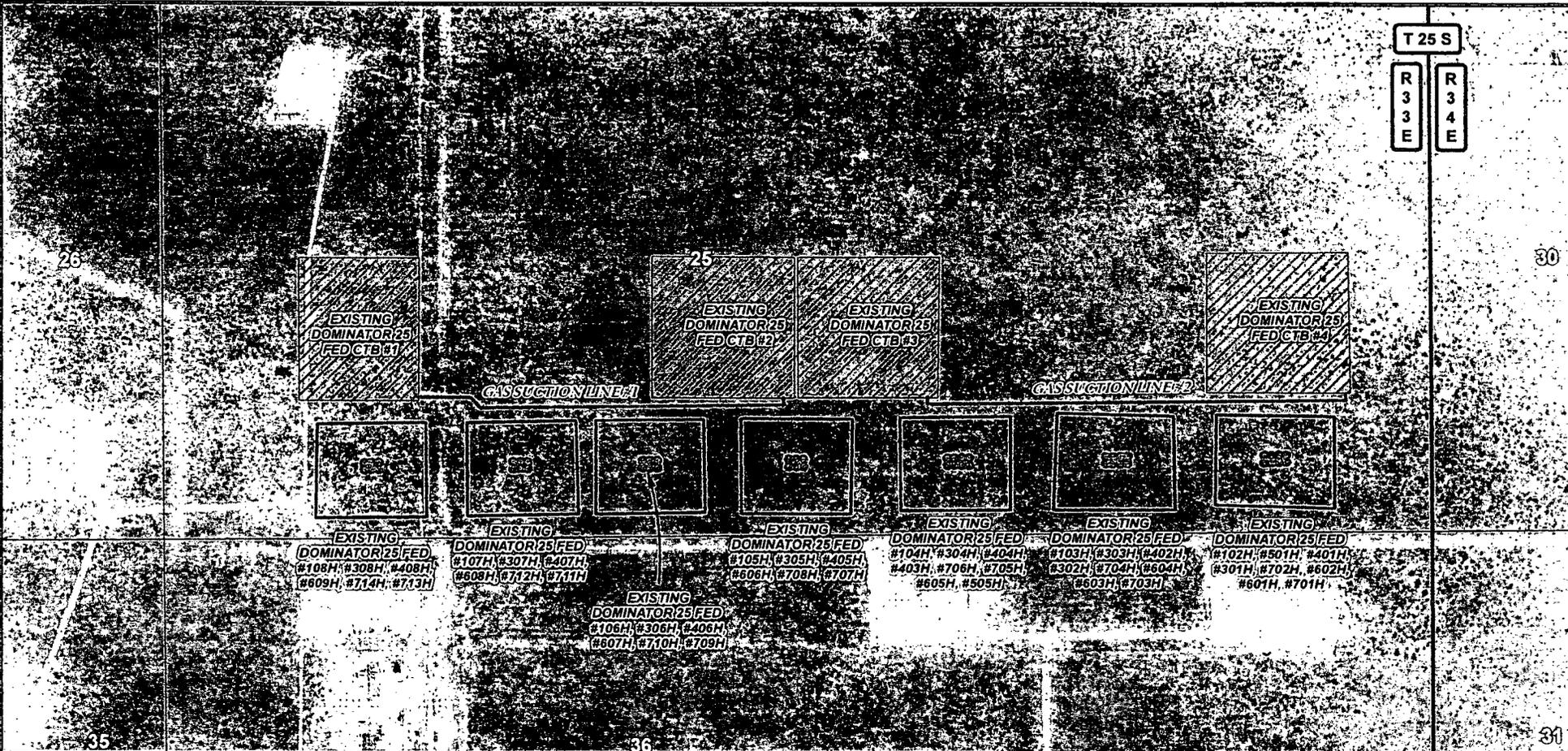


PIPELINE OVERVIEW LAND STATUS 6/19/2018 S.P.

**CONCHO**  
 COG OPERATING, LLC

**HS** HARCROW SURVEYING, LLC.  
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T 25 S  
R 33 E R 34 E



<b>LEGEND</b> GAS SUC. LINE WELL WELLPAD TANK BATTERY	<b>DOMINATOR 25 FED GAS SUCTION LINES</b>		
	SECTION: 25	TOWNSHIP: 25 S.	RANGE: 33 E.
	STATE: NEW MEXICO	COUNTY: LEA	SURVEY: N.M.P.M
	W.O. # 18-619	LEASE: DOMINATOR 25 FED	
			1 IN = 500 FT
PIPELINE OVERVIEW    IMAGERY    6/19/2018    S.P.			

**CONCHO**  
 COG OPERATING, LLC

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