

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

**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 87505  
Phone: (505) 478-3480 Fax: (505) 478-3482

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025- 42765	Pool Code 97900	Pool Name Red Hills; Upper Bone Spring Shale
Property Code 315179	Property Name MONET FEDERAL	Well Number 8H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3461.6

### Surface Location

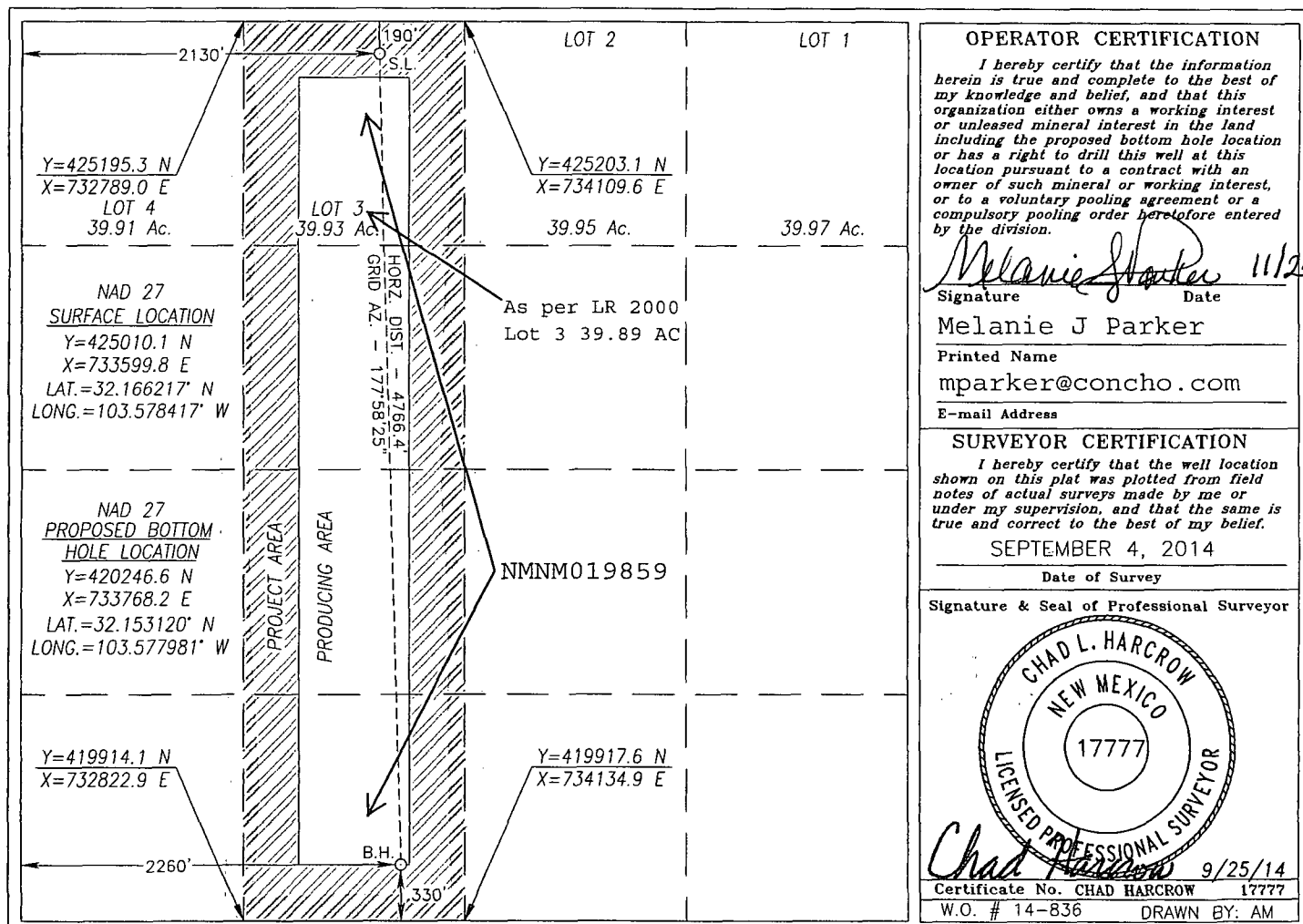
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
3 C	4	25-S	33-E		190	NORTH	2130	WEST	LEA

## 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
N	4	25-S	33-E		330	SOUTH	2260	WEST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
159.89			

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

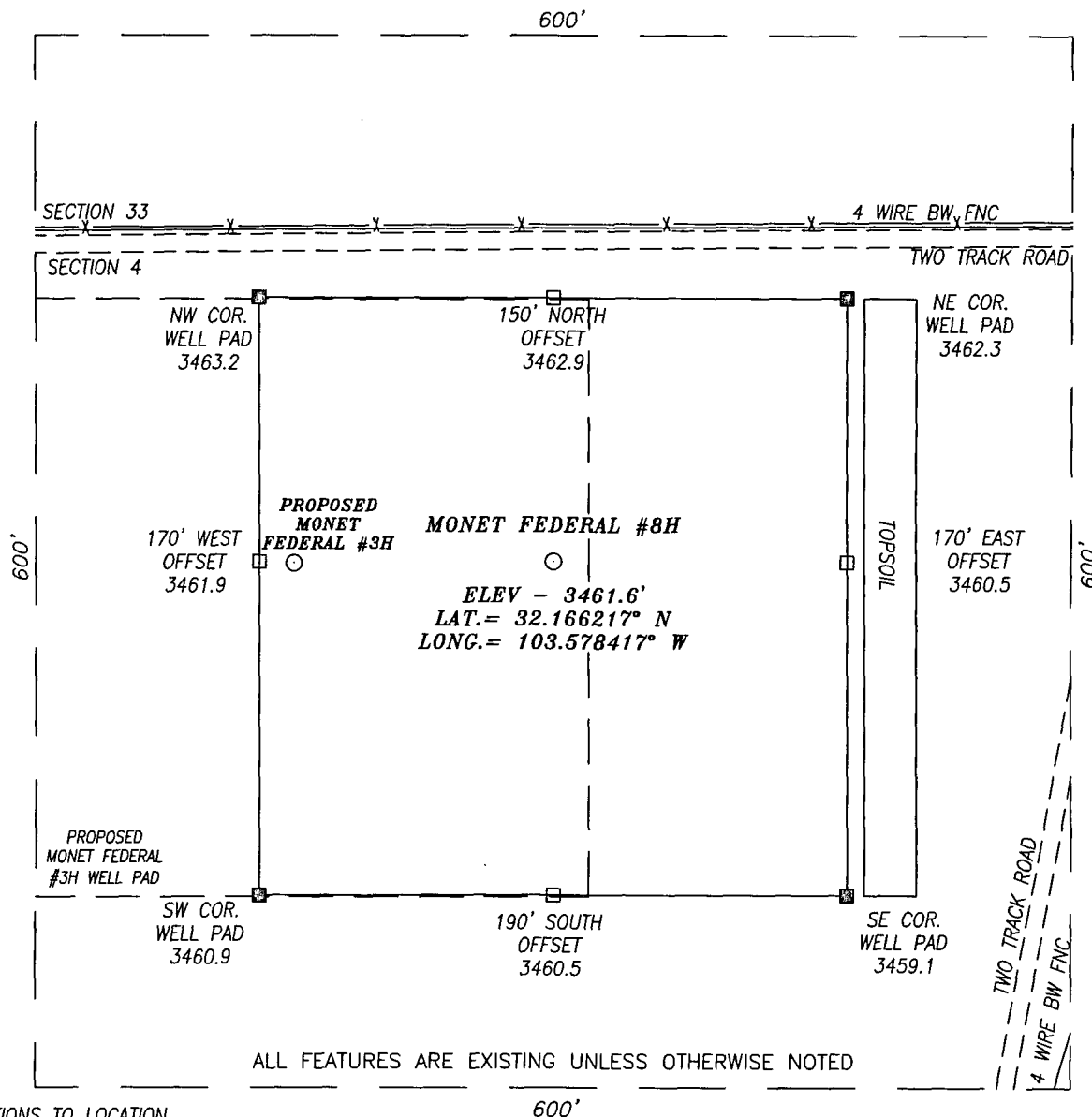


AUG 31 2015

# SECTION 4, TOWNSHIP 25 SOUTH, RANGE 33 EAST, N.M.P.M.,

LEA COUNTY

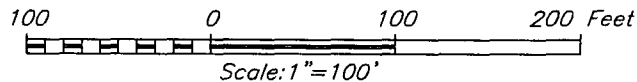
NEW MEXICO



ALL FEATURES ARE EXISTING UNLESS OTHERWISE NOTED

## DIRECTIONS TO LOCATION

HEADING EAST ON HWY 128 APPROX. 0.5 MILE PAST MILE MARKER 30 TURN RIGHT (SOUTHEAST) ONTO A CALICHE LEASE RD AND GO APPROX. 2.35 MILES ALONG MEANDERING RD; THEN TURN RIGHT (SOUTHWEST) AND GO APPROX. 2.1 MILES ALONG MEANDERING RD; THEN TURN LEFT (SOUTHEAST) AND GO APPROX. 0.1 MILE; THEN TURN RIGHT (SOUTHWEST) AND GO APPROX. 0.65 MILE; THEN TURN LEFT (SOUTH) AND GO APPROX. 0.15 MILE; THEN TURN RIGHT (WEST) AND GO APPROX. 0.45 MILE; THEN TURN RIGHT (NORTHWEST) AND GO APPROX. 0.75 MILE; THEN TURN LEFT (WEST) AND GO APPROX. 0.55 MILE TO EXISTING GILA 4 DEEP #1 WELLPAD; GO TO SOUTHWEST WELL PAD CORNER AND CONTINUE WEST ALONG TWO TRACK RD FOR APPROX. 0.25 MILE; THEN PROPOSED WELL IS APPROX. 2185 FEET NORTH.



## HARCROW SURVEYING, LLC

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



## COG OPERATING, LLC

MONET FEDERAL #8H WELL  
LOCATED 190 FEET FROM THE NORTH LINE  
AND 2130 FEET FROM THE WEST LINE OF SECTION 4,  
TOWNSHIP 25 SOUTH, RANGE 33 EAST, N.M.P.M.,  
LEA COUNTY, NEW MEXICO

SURVEY DATE: 9/4/2014

PAGE: 1 OF 1

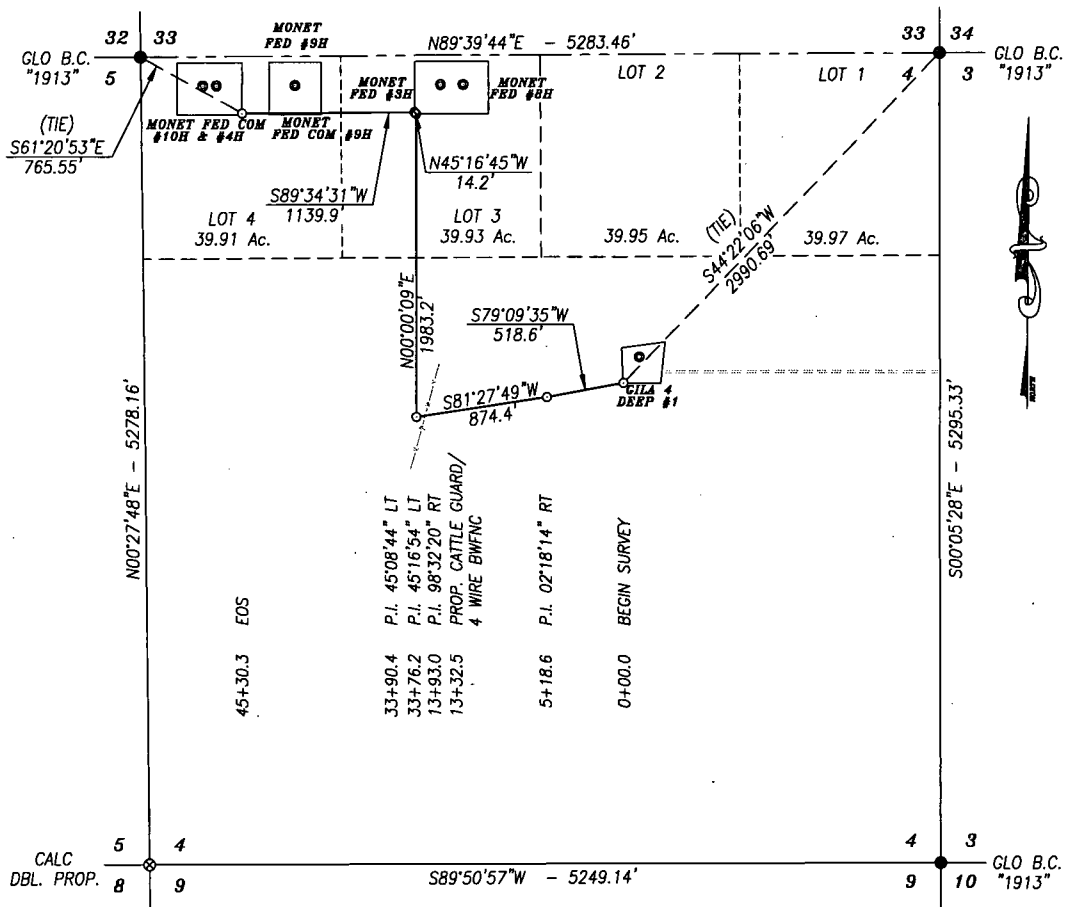
DRAFTING DATE: 9/15/2014

APPROVED BY: CH

DRAWN BY: AM

FILE: 14-836

SECTION 4, TOWNSHIP 25 SOUTH, RANGE 33 EAST, N.M.P.M.,  
LEA COUNTY, NEW MEXICO.



**DESCRIPTION**

A STRIP OF LAND 30.0 FEET WIDE AND 4526.7 FEET OR 274.56 RODS OR 0.858 MILES IN LENGTH CROSSING USA LAND IN SECTION 4, 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.

**HARCROW SURVEYING, LLC**

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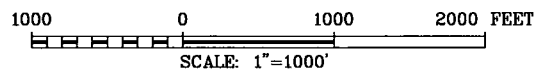
**CERTIFICATION**

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.



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

11/19/14  
DATE



**COG OPERATING, LLC**

SURVEY OF A PROPOSED ROAD LOCATED IN  
SECTION 4, TOWNSHIP 25 SOUTH, RANGE 33 EAST,  
LEA COUNTY, NMPM, NEW MEXICO

SURVEY DATE: SEPTEMBER 19, 2014	
DRAFTING DATE: NOVEMBER 18, 2014	PAGE 1 OF 1
APPROVED BY: CH	DRAWN BY: AF FILE: 14-1138

## LEA COUNTY,

NEW MEXICO.

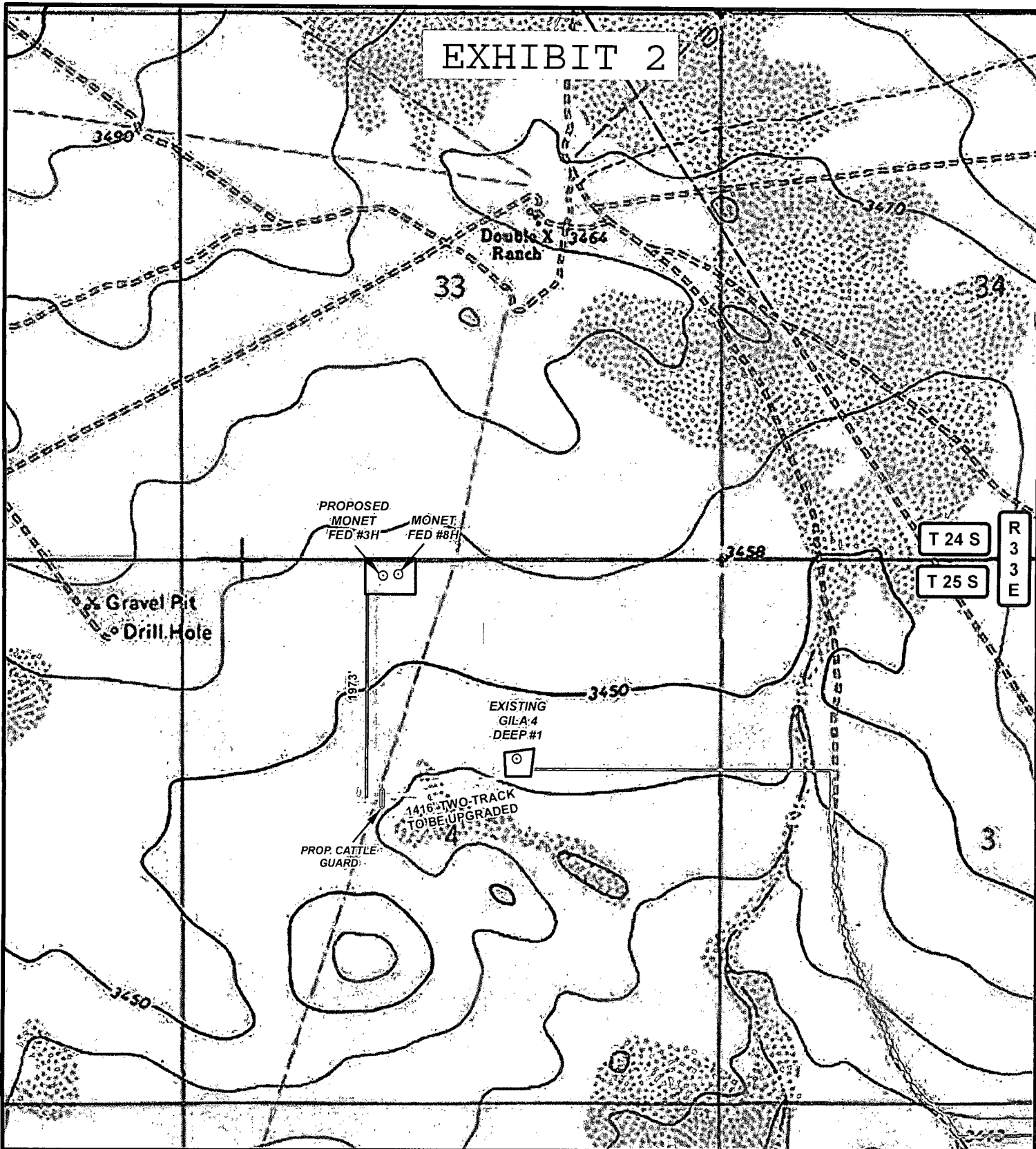


**FILE: 14-1192**

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

DATE \_\_\_\_\_

# EXHIBIT 2



## LEGEND

○ WELL

□ WELLPAD

— EXISTING ROAD

— PROPOSED ROAD

— TWO-TRACK ROAD

## MONET FED #8H

SEC: 4 TWP: 25 S. RGE: 33 E. ELEVATION: 3461.6'

STATE: NEW MEXICO COUNTY: LEA 190' FNL & 2130' FWL

W.O. # 14-836 LEASE: MONET FED SURVEY: N.M.P.M

0 2,500 FEET

0 0.075 0.15 0.3 Miles

1 IN = 1,250 FT

ROAD MAP

TOPO

09/18/2014

S.P.

**CONCHO**

COG OPERATING, LLC

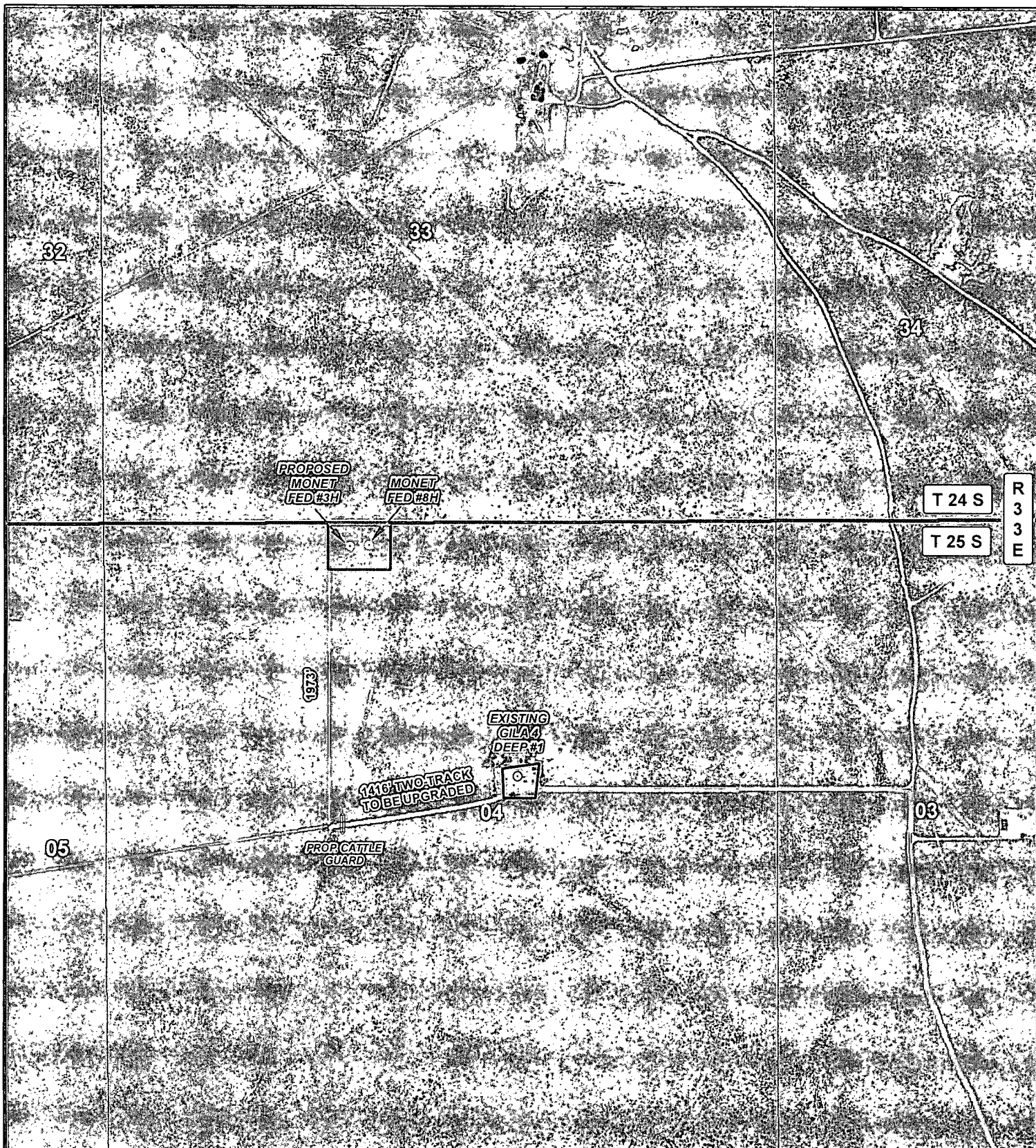


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chad\_harcrow77@yahoo.com



# LEGEND

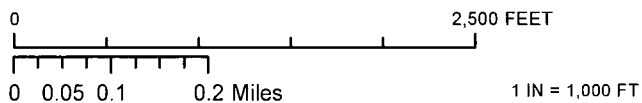
- WELL
- WELLPAD
- EXISTING ROAD
- PROPOSED ROAD
- TWO-TRACK ROAD

## MONET FED #3H


SEC: 4    TWP: 25 S.    RGE: 33 E.    ELEVATION: 3461.6'

STATE: NEW MEXICO    COUNTY: LEA    190' FNL & 2130' FWL

W.O. # 14-836    LEASE: MONET FED    SURVEY: N.M.P.M




ROAD MAP    IMAGERY    09/18/2014    S.P.



**CONCHO**

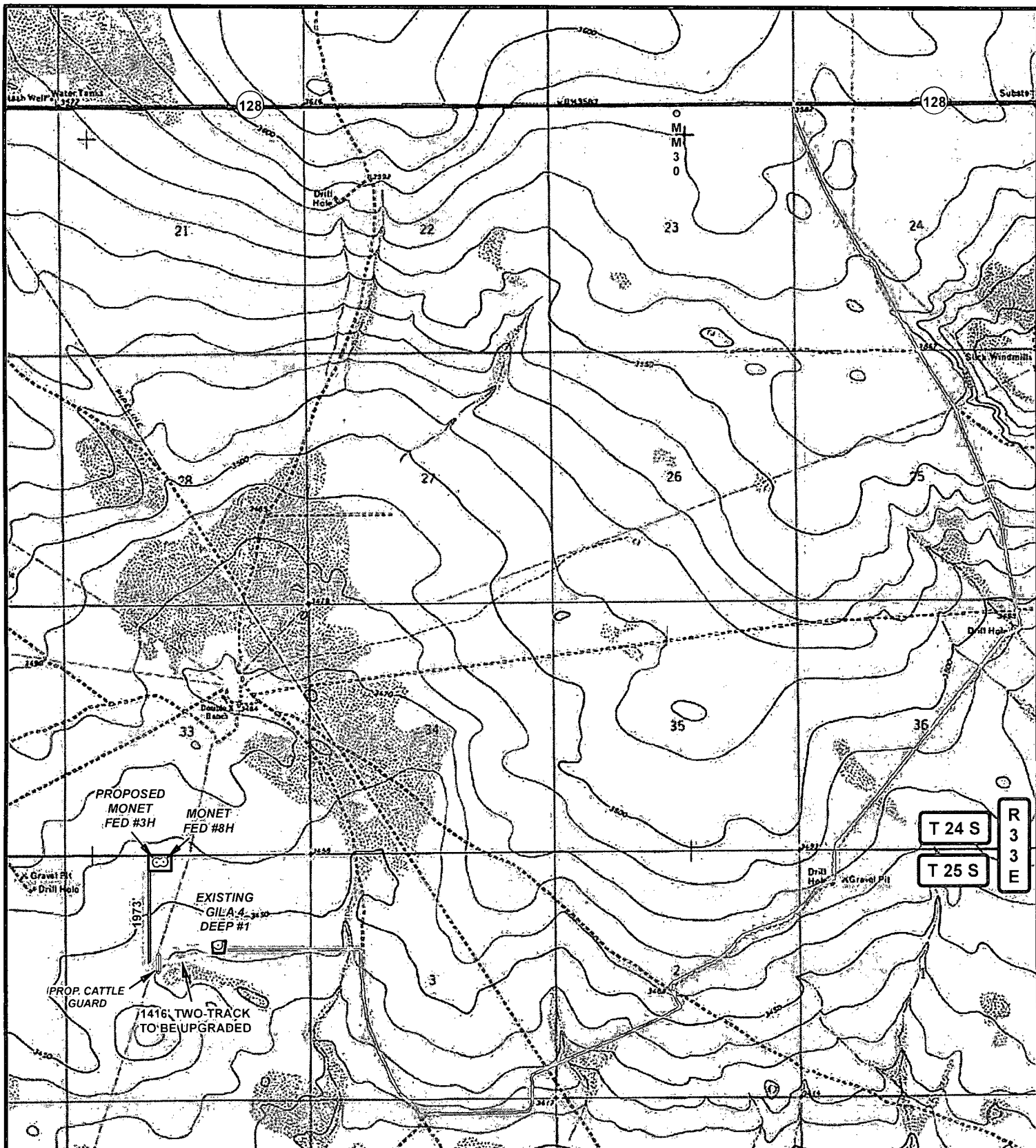
COG OPERATING, LLC



**HARCROW SURVEYING, LLC.**

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# LEGEND

○ WELL

□ WELLPAD

— EXISTING ROAD

— PROPOSED ROAD

— TWO-TRACK ROAD

## MONET FED #8H

SEC: 4 TWP: 25 S. RGE: 33 E. ELEVATION: 3461.6'

STATE: NEW MEXICO COUNTY: LEA 190' FNL & 2130' FWL

W.O. # 14-836 LEASE: MONET FED SURVEY: N.M.P.M

0 2,500 5,000 FEET

0 0.175 0.35 0.7 Miles

1 IN = 2,750 FT

LOCATION MAP

TOPO

09/18/2014

S.P.

**CONCHO**

COG OPERATING, LLC

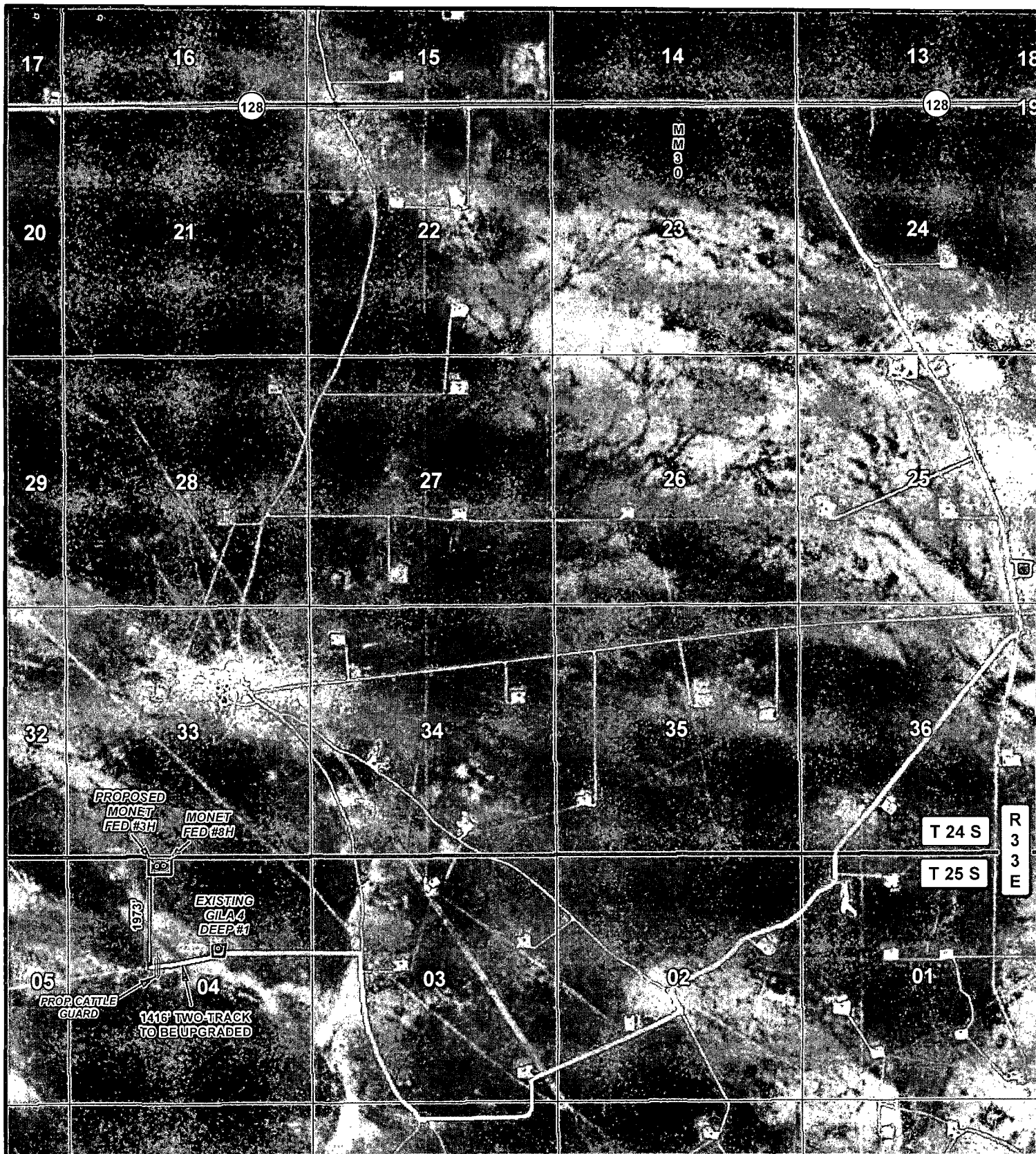


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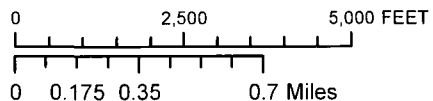


# LEGEND

- WELL
- WELLPAD
- EXISTING ROAD
- PROPOSED ROAD
- TWO-TRACK ROAD

## MONET FED #8H

SEC: 4 TWP: 25 S. RGE: 33 E. ELEVATION: 3461.6'  
 STATE: NEW MEXICO COUNTY: LEA 190' FNL & 2130' FWL  
 W.O. # 14-836 LEASE: MONET FED SURVEY: N.M.P.M



1 IN = 2,750 FT

LOCATION MAP

IMAGERY

09/18/2014

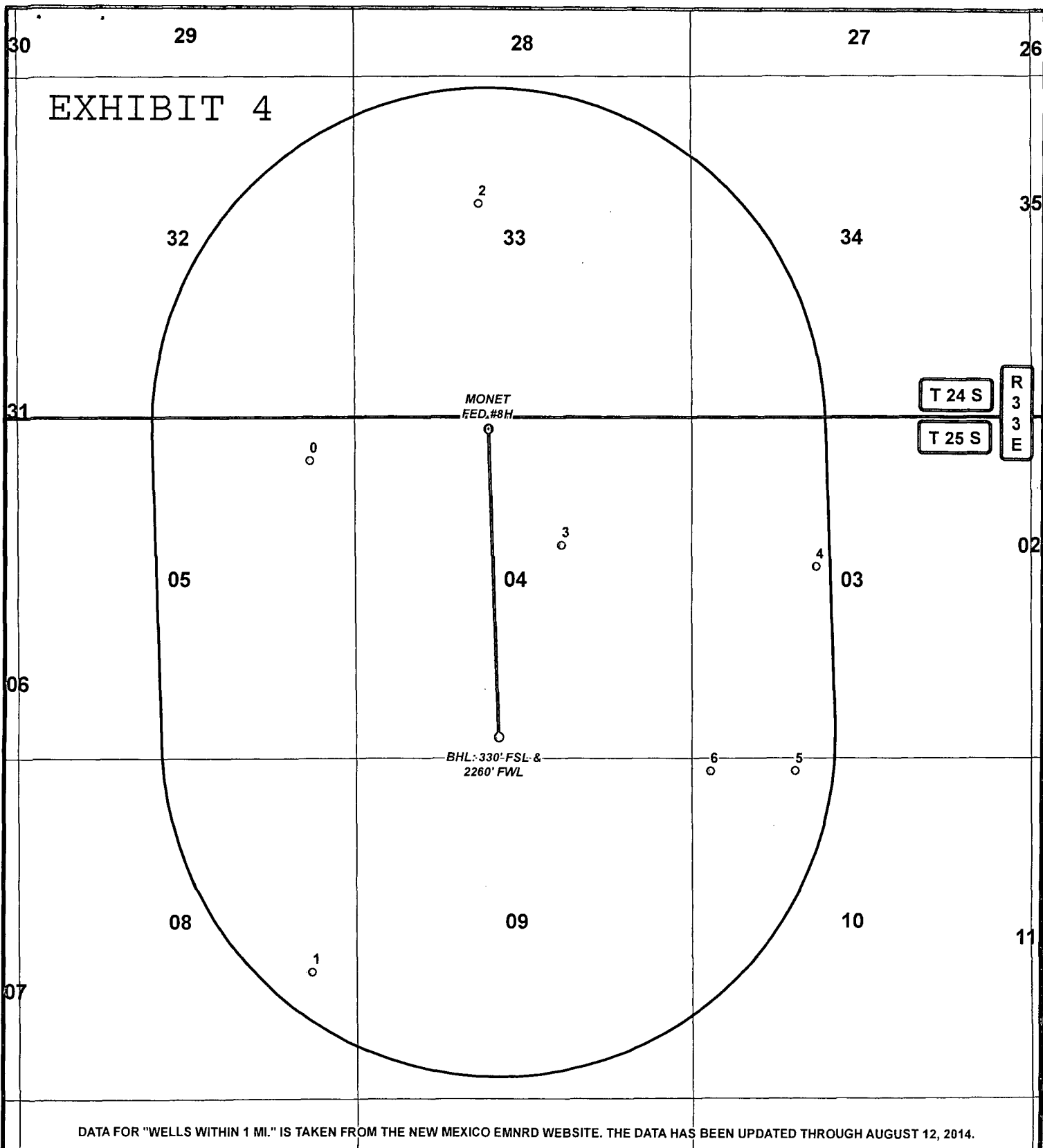
S.P.

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 COG OPERATING, LLC



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# LEGEND

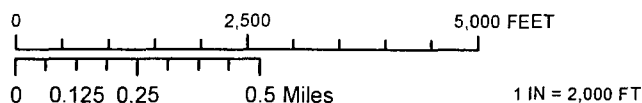
- WELL
- BOTTOMHOLE
- WELLS WITHIN 1 MI.
- 1 MI. BUFFER

## MONET FED #8H

SEC: 4 TWP: 25 S. RGE: 33 E. ELEVATION: 3461.6'

STATE: NEW MEXICO COUNTY: LEA 190' FNL & 2130' FWL

W.O. # 14-836 LEASE: MONET FED SURVEY: N.M.P.M



1-MILE MAP

09/18/2014

SP

**CONCHO**  
COG OPERATING, LLC

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**Monet Federal #3H**

FID	OPERATOR	WELL_NAME	LATITUDE	LONGITUDE	API	SECTION	TOWNSHIP	RANGE	FTG_NS	NS_CD	FTG_EW	EW_CD	TVD_DEPTH	COMPL_STAT
0	HILL & MEEKER	BASS 5 FEDERAL 001	32.165021	-103.587962	3002508380	5	25.0S	33E	660	N	660	E	5193	Plugged
1	SANTANA PETROLEUM CO	BASS FEDERAL 001	32.143287	-103.58791	3002508381	8	25.0S	33E	1980	S	660	E	5210	Plugged
2	GETTY OIL CO	TRISTE 33 STATE 001	32.175911	-103.579387	3002527293	33	24.0S	33E	1980	N	1980	W	15960	Plugged
3	ENDURANCE RESOURCES LLC	GILA 4 DEEP 001	32.161398	-103.575182	3002530872	4	25.0S	33E	1975	N	1980	E	15700	Active
4	EOG RESOURCES INC	TRISTE DRAW 3 FEDERAL 002	32.160469	-103.562327	3002534585	3	25.0S	33E	2310	N	1980	W	13915	Active
5	BTA OIL PRODUCERS, LLC	VACA DRAW 9418 JV-P 004H	32.151801	-103.563421	3002541623	10	25.0S	33E	190	N	1650	W	9442	New (Not drilled or compl)
6	BTA OIL PRODUCERS, LLC	VACA DRAW 9418 JV-P 005H	32.151806	-103.567707	3002541624	10	25.0S	33E	190	N	330	W	0	New (Not drilled or compl)

**Monet Federal Com #4H**

FID	OPERATOR	WELL_NAME	LATITUDE	LONGITUDE	API	SECTION	TOWNSHIP	RANGE	FTG_NS	NS_CD	FTG_EW	EW_CD	TVD_DEPTH	COMPL_STAT
0	HILL & MEEKER	BASS 5 FEDERAL 001	32.165021	-103.587962	3002508380	5	25.0S	33E	660	N	660	E	5193	Plugged
1	SANTANA PETROLEUM CO	BASS FEDERAL 001	32.143287	-103.58791	3002508381	8	25.0S	33E	1980	S	660	E	5210	Plugged
2	GETTY OIL CO	TRISTE 33 STATE 001	32.175911	-103.579387	3002527293	33	24.0S	33E	1980	N	1980	W	15960	Plugged
3	DEVON ENERGY PRODUCTION C	FLAGLER FEDERAL 001	32.150536	-103.596449	3002530599	8	25.0S	33E	660	N	1980	W	16135	Active
4	ENDURANCE RESOURCES LLC	GILA 4 DEEP 001	32.161398	-103.575182	3002530872	4	25.0S	33E	1975	N	1980	E	15700	Active
5	BTA OIL PRODUCERS, LLC	VACA DRAW 9418 JV-P 005H	32.151806	-103.567707	3002541624	10	25.0S	33E	190	N	330	W	0	New (Not drilled or compl)

**Monet Federal #8H**

FID	OPERATOR	WELL_NAME	LATITUDE	LONGITUDE	API	SECTION	TOWNSHIP	RANGE	FTG_NS	NS_CD	FTG_EW	EW_CD	TVD_DEPTH	COMPL_STAT
0	HILL & MEEKER	BASS 5 FEDERAL 001	32.165021	-103.587962	3002508380	5	25.0S	33E	660	N	660	E	5193	Plugged
1	SANTANA PETROLEUM CO	BASS FEDERAL 001	32.143287	-103.58791	3002508381	8	25.0S	33E	1980	S	660	E	5210	Plugged
2	GETTY OIL CO	TRISTE 33 STATE 001	32.175911	-103.579387	3002527293	33	24.0S	33E	1980	N	1980	W	15960	Plugged
3	ENDURANCE RESOURCES LLC	GILA 4 DEEP 001	32.161398	-103.575182	3002530872	4	25.0S	33E	1975	N	1980	E	15700	Active
4	EOG RESOURCES INC	TRISTE DRAW 3 FEDERAL 002	32.160469	-103.562327	3002534585	3	25.0S	33E	2310	N	1980	W	13915	Active
5	BTA OIL PRODUCERS, LLC	VACA DRAW 9418 JV-P 004H	32.151801	-103.563421	3002541623	10	25.0S	33E	190	N	1650	W	9442	New (Not drilled or compl)
6	BTA OIL PRODUCERS, LLC	VACA DRAW 9418 JV-P 005H	32.151806	-103.567707	3002541624	10	25.0S	33E	190	N	330	W	0	New (Not drilled or compl)

**Monet Federal Com #9H**

FID	OPERATOR	WELL_NAME	LATITUDE	LONGITUDE	API	SECTION	TOWNSHIP	RANGE	FTG_NS	NS_CD	FTG_EW	EW_CD	TVD_DEPTH	COMPL_STAT
0	HILL & MEEKER	BASS 5 FEDERAL 001	32.165021	-103.587962	3002508380	5	25.0S	33E	660	N	660	E	5193	Plugged
1	SANTANA PETROLEUM CO	BASS FEDERAL 001	32.143287	-103.58791	3002508381	8	25.0S	33E	1980	S	660	E	5210	Plugged
2	GETTY OIL CO	TRISTE 33 STATE 001	32.175911	-103.579387	3002527293	33	24.0S	33E	1980	N	1980	W	15960	Plugged
3	DEVON ENERGY PRODUCTION C	FLAGLER FEDERAL 001	32.150536	-103.596449	3002530599	8	25.0S	33E	660	N	1980	W	16135	Active
4	ENDURANCE RESOURCES LLC	GILA 4 DEEP 001	32.161398	-103.575182	3002530872	4	25.0S	33E	1975	N	1980	E	15700	Active
5	BTA OIL PRODUCERS, LLC	VACA DRAW 9418 JV-P 005H	32.151806	-103.567707	3002541624	10	25.0S	33E	190	N	330	W	0	New (Not drilled or compl)

**Monet Federal Com #10H**

FID	OPERATOR	WELL_NAME	LATITUDE	LONGITUDE	API	SECTION	TOWNSHIP	RANGE	FTG_NS	NS_CD	FTG_EW	EW_CD	TVD_DEPTH	COMPL_STAT
0	HILL & MEEKER	BASS 5 FEDERAL 001	32.165021	-103.587962	3002508380	5	25.0S	33E	660	N	660	E	5193	Plugged
1	SANTANA PETROLEUM CO	BASS FEDERAL 001	32.143287	-103.58791	3002508381	8	25.0S	33E	1980	S	660	E	5210	Plugged
2	GETTY OIL CO	TRISTE 33 STATE 001	32.175911	-103.579387	3002527293	33	24.0S	33E	1980	N	1980	W	15960	Plugged
3	DEVON ENERGY PRODUCTION C	FLAGLER FEDERAL 001	32.150536	-103.596449	3002530599	8	25.0S	33E	660	N	1980	W	16135	Active
4	ENDURANCE RESOURCES LLC	GILA 4 DEEP 001	32.161398	-103.575182	3002530872	4	25.0S	33E	1975	N	1980	E	15700	Active
5	BTA OIL PRODUCERS, LLC	VACA DRAW 9418 JV-P 005H	32.151806	-103.567707	3002541624	10	25.0S	33E	190	N	330	W	0	New (Not drilled or compl)