

AUG 31 2015

DISTRICT I
1825 N. FRENCH DR., HOBBS, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102

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

OIL CONSERVATION DIVISION

RECEIVED

Revised August 1, 2011

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

One copy to appropriate
District Office

DISTRICT IV
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505
Phone: (505) 478-3460 Fax: (505) 478-3462

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-	Pool Code 96392	Pool Name Draper Mill; Bone Spring
Property Code 315179	Property Name MONET FEDERAL	Well Number 3H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3461.7

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 <i>U</i>	4	25-S	33-E		190	NORTH	1980	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	1980	WEST	LEA

Dedicated Acres 159.89	Joint or Infill	Consolidation Code	Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

LOT 2: Y=425203.1 N, X=734109.6 E, 39.95 Ac.

LOT 1: 39.97 Ac.

LOT 4: 39.91 Ac.

LOT 3: 39.93 Ac.

As per LR 2000 Lot 3 39.89 AC

NMN019859

GRID AZ. - 179°32'22"
HORZ. DIST. - 4763.5'

PRODUCING AREA PROJECT AREA

NAD 27 SURFACE LOCATION
Y=425009.1 N
X=733449.9 E
LAT.=32.166217° N
LONG.=103.578902° W

NAD 27 PROPOSED BOTTOM HOLE LOCATION
Y=420245.8 N
X=733488.2 E
LAT.=32.153124° N
LONG.=103.578886° W

Y=419914.1 N, X=732822.9 E

Y=419917.6 N, X=734134.9 E

OPERATOR CERTIFICATION

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

Melanie J Parker 11/24/14
Signature Date
Melanie J Parker
Printed Name
mparker@concho.com
E-mail Address

SURVEYOR CERTIFICATION

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

SEPTEMBER 4, 2014
Date of Survey

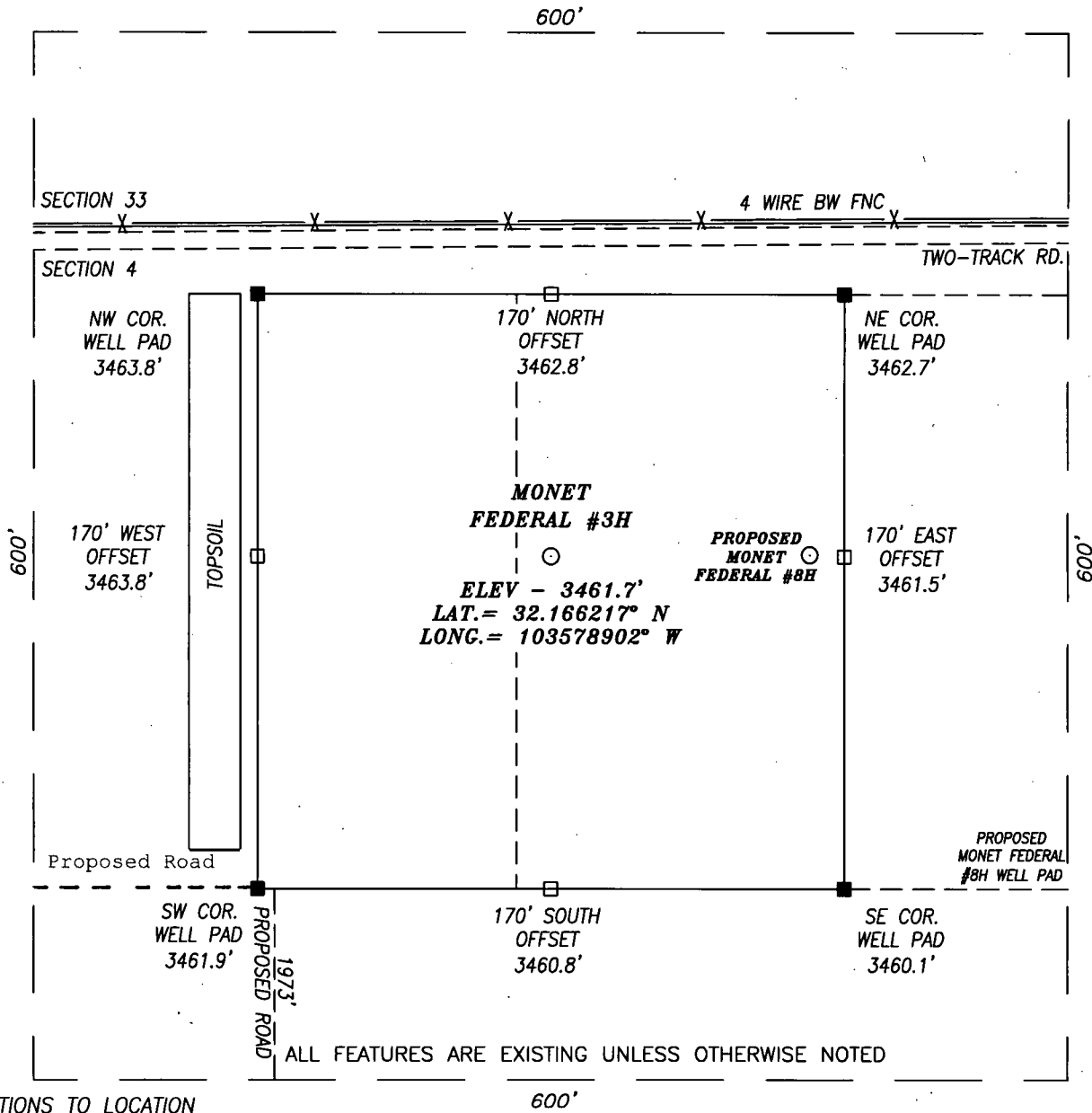
Signature & Seal of Professional Surveyor

CHAD L. HARCROW
NEW MEXICO
17777
LICENSED PROFESSIONAL SURVEYOR

Chad Harcrow 9/24/14
Certificate No. CHAD HARCROW 17777
W.O. # 14-834 DRAWN BY: AM

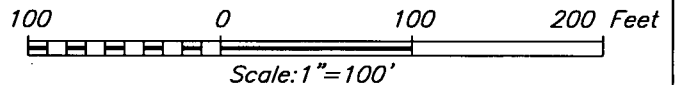
AUG 31 2015

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



DIRECTIONS TO LOCATION

HEADING EAST ON HWY 128 TURN RIGHT (SOUTHEAST) APPROX. 0.5 MILE PAST MILE MARKER 30 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. 2170 FEET NORTH.

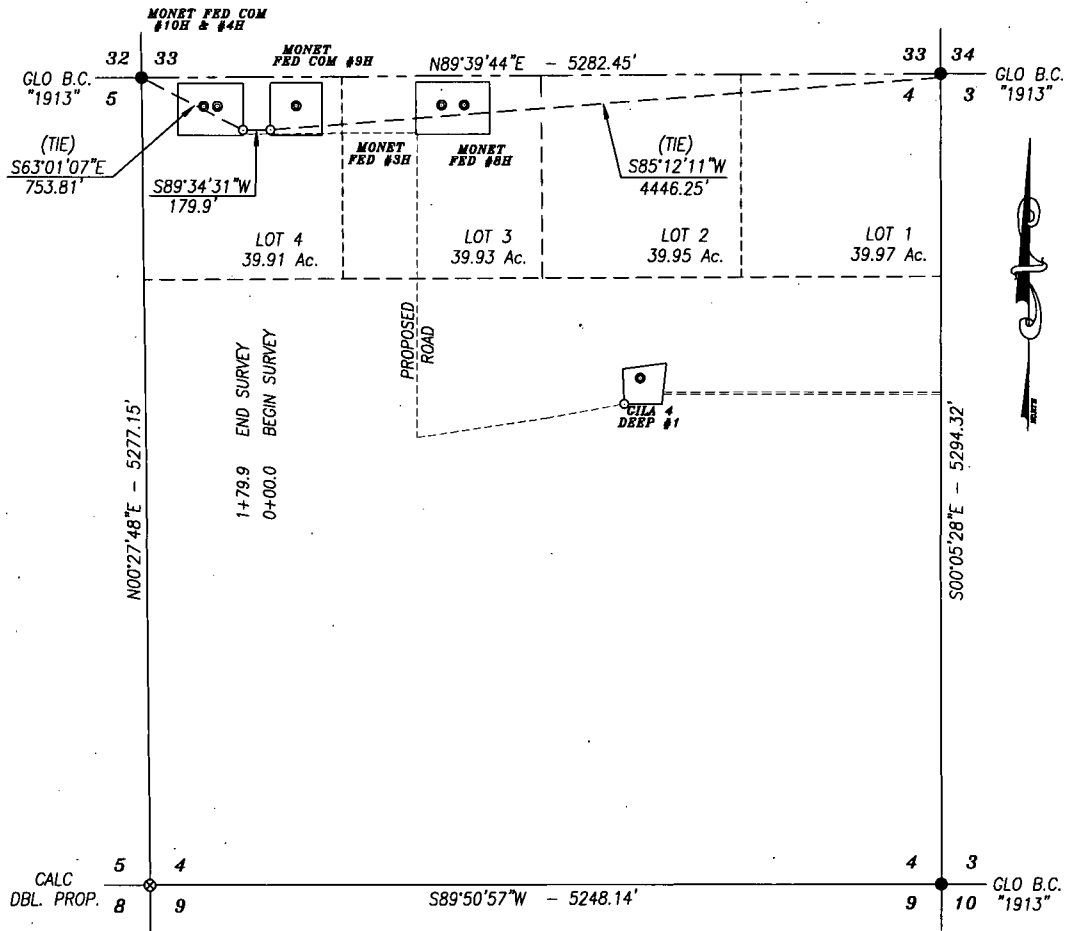


HARCROW SURVEYING, LLC
2314 W. MAIN ST, ARTESIA, N.M. 88210
PH: (575) 513-2570 FAX: (575) 746-2158
chad_harcrow77@yahoo.com



COG OPERATING, LLC		
MONET FEDERAL #3H WELL LOCATED 190 FEET FROM THE NORTH LINE AND 1980 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: SP	FILE: 14-834

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



DESCRIPTION

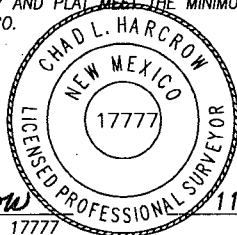
A STRIP OF LAND 30.0 FEET WIDE AND 179.9 FEET OR 10.90 RODS OR 0.034 MILES IN LENGTH CROSSING USA LAND IN SECTION 4, TOWNSHIP 25 SOUTH, RANGE 33 EAST, LEA COUNTY, NEW MEXICO AND BEING 15.0 FEET LEFT AND 15.0 FEET RIGHT OF THE ABOVE PLATTED CENTERLINE SURVEY.

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.

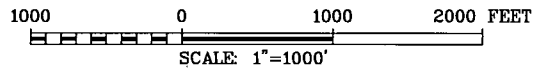
HARCROW SURVEYING, LLC
2314 W. MAIN ST, ARTESIA, N.M. 88210
PH: (575) 746-2158 FAX: (575) 746-2158
c.harcrow@harcrowsurveying.com



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.

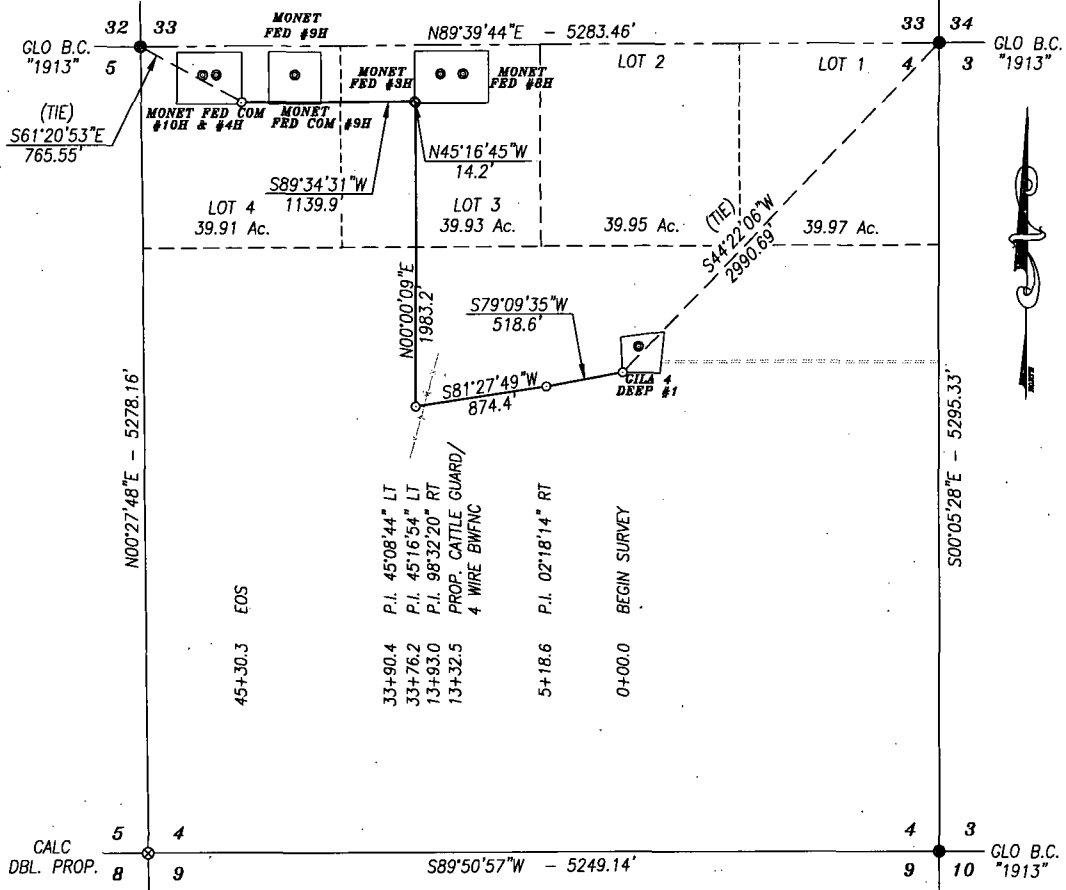


Chad Harcrow
CHAD HARCROW N.M.P.S. NO. 17777
11/21/14
DATE



COG OPERATING, LLC	
SURVEY OF A PROPOSED FLOWLINE LOCATED IN SECTION 4, TOWNSHIP 25 SOUTH, RANGE 33 EAST, LEA COUNTY, NMPM, NEW MEXICO	
SURVEY DATE: SEPTEMBER 19, 2014	PAGE 1 OF 1
DRAFTING DATE: NOVEMBER 20, 2014	APPROVED BY: CH
DRAWN BY: VD	FILE: 14-1192

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



DESCRIPTION

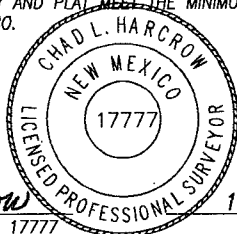
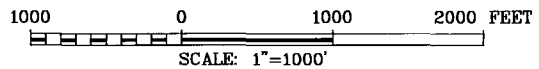
A STRIP OF LAND 30.0 FEET WIDE AND 4526.7 FEET OR 274.56 RODS OR 0.858 MILES IN LENGTH CROSSING USA LAND IN SECTION 4, TOWNSHIP 25 SOUTH, RANGE 33 EAST, LEA COUNTY, NEW MEXICO AND BEING 15.0 FEET LEFT AND 15.0 FEET RIGHT OF THE ABOVE PLATTED CENTERLINE SURVEY.

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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c.harcrow@harcrowsurveying.com



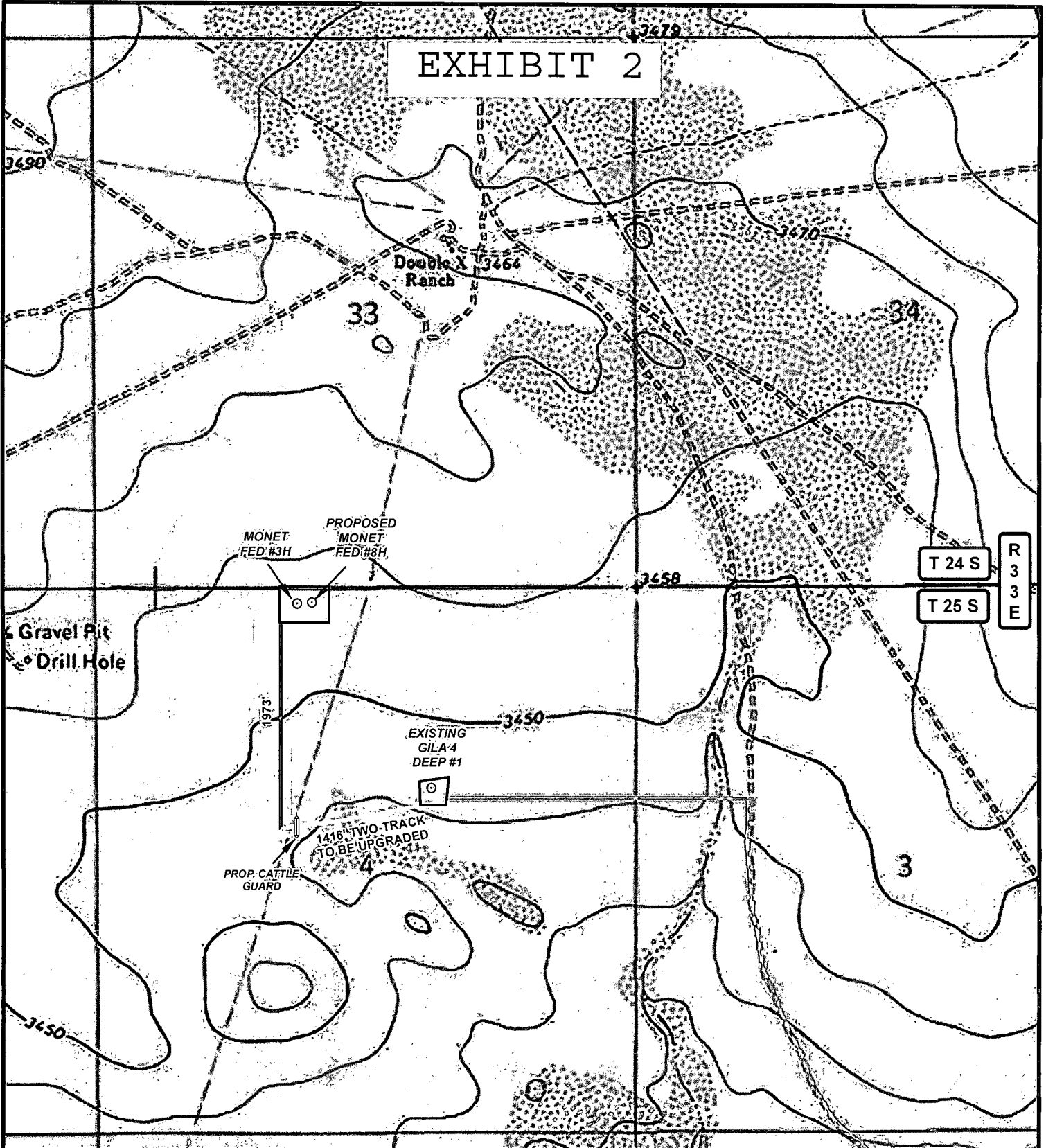
CERTIFICATION
I, CHAD HARCROW, A NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR CERTIFY THAT I DIRECTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO.



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

EXHIBIT 2



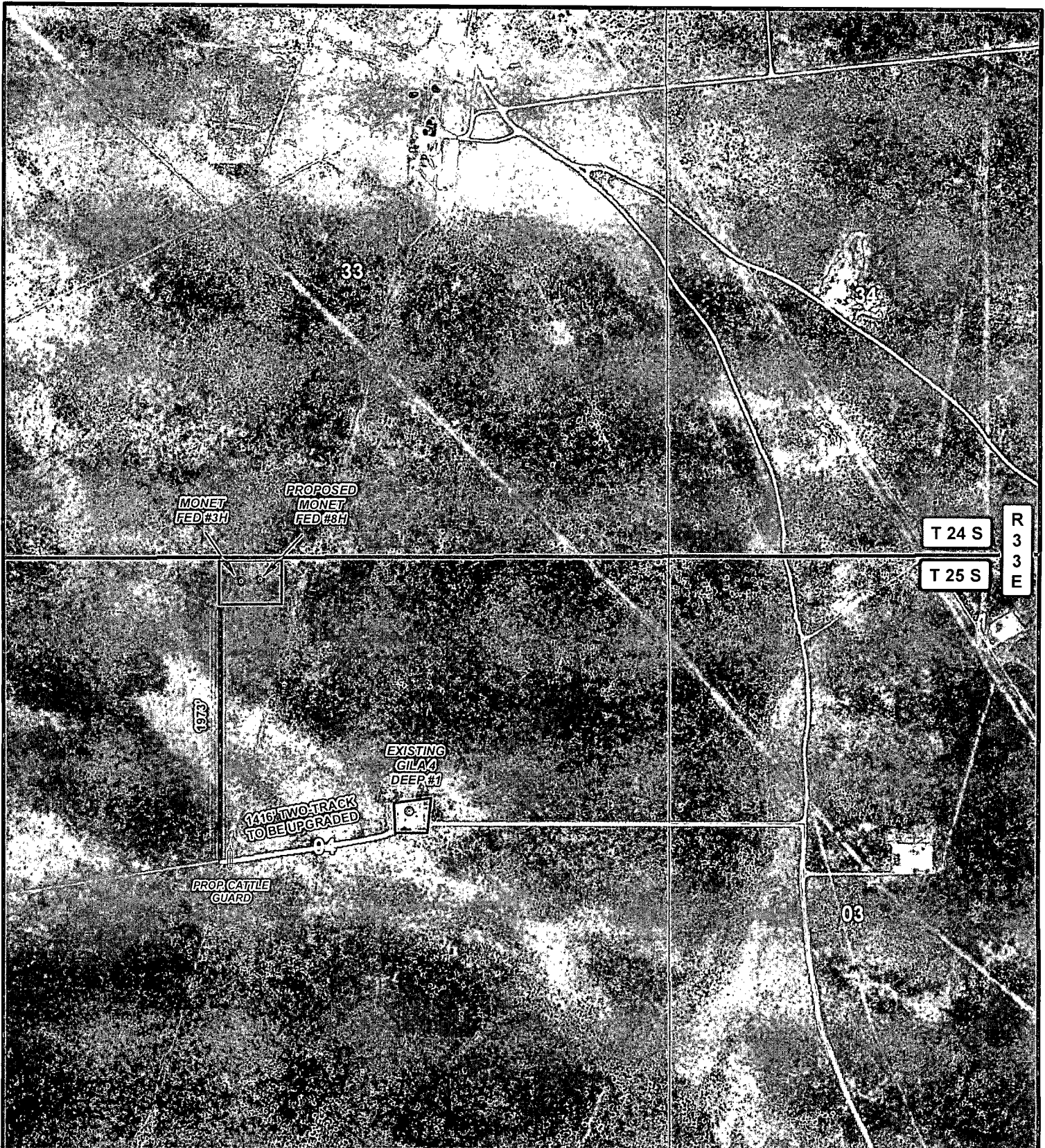
LEGEND	
	WELL
	WELLPAD
	EXISTING ROAD
	PROPOSED ROAD
	TWO-TRACK ROAD

MONET FED #3H			
SEC: 4	TWP: 25 S.	RGE: 33 E.	ELEVATION: 3461.7'
STATE: NEW MEXICO		COUNTY: LEA	190' FNL & 1980' FWL
W.O. # 14-834	LEASE: MONET FED		SURVEY: N.M.P.M

0 0.075 0.15 0.3 Miles 1 IN = 1,250 FT

ROAD MAP	TOPO	09/18/2014	S.P.
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 chad_harcrow77@yahoo.com




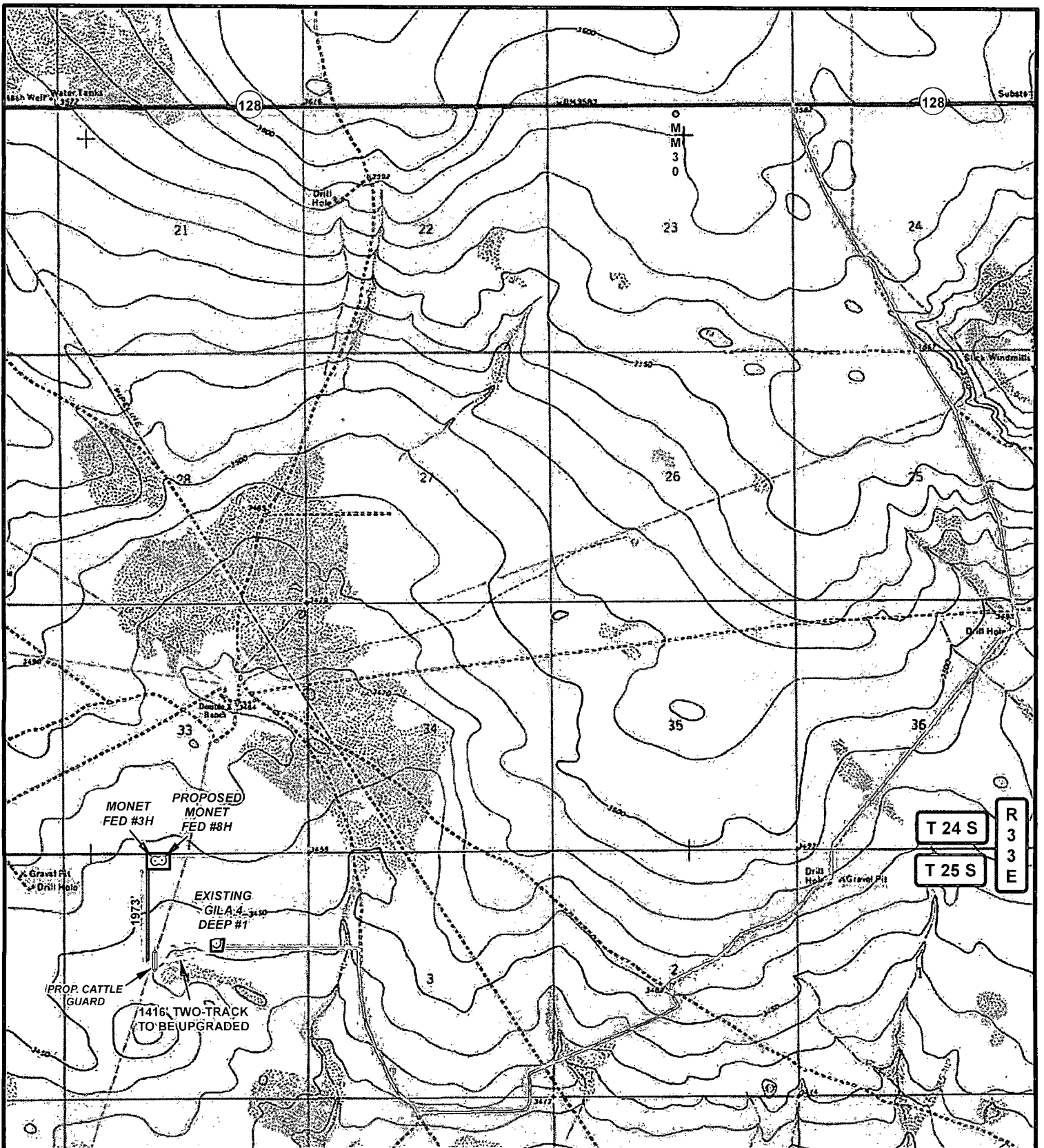
LEGEND

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

MONET FED #3H			
SEC: 4	TWP: 25 S.	RGE: 33 E.	ELEVATION: 3461.7'
STATE: NEW MEXICO		COUNTY: LEA	190' FNL & 1980' FWL
W.O. # 14-834	LEASE: MONET FED	SURVEY: N.M.P.M	
0 0.05 0.1 0.2 Miles		2,500 FEET	
		1 IN = 1,000 FT	
ROAD MAP	IMAGERY	09/18/2014	S.P.


CONCHO
 COG OPERATING, LLC


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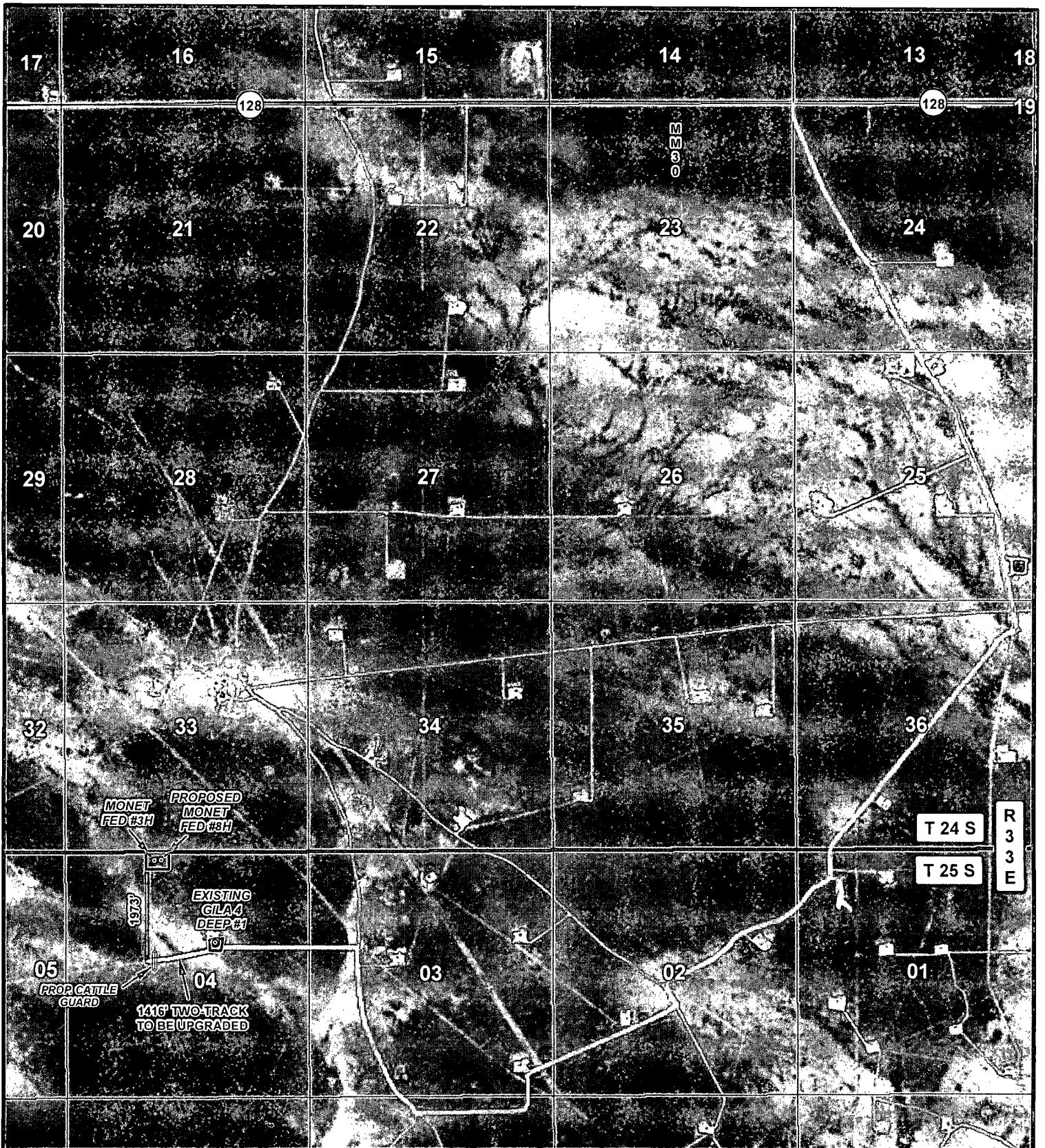
LEGEND

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

MONET FED #3H			
SEC: 4	TWP: 25 S.	RGE: 33 E.	ELEVATION: 3461.7'
STATE: NEW MEXICO		COUNTY: LEA	
W.O. # 14-834	LEASE: MONET FED	SURVEY: N.M.P.M	
1 IN = 2,750 FT			
LOCATION MAP	TOPO	09/18/2014	S.P.

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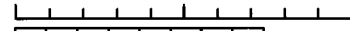
LEGEND

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

MONET FED #3H

SEC: 4 TWP: 25 S. RGE: 33 E. ELEVATION: 3461.7'
 STATE: NEW MEXICO COUNTY: LEA 190' FNL & 1980' FWL
 W.O. # 14-834 LEASE: MONET FED SURVEY: N.M.P.M

0 2,500 5,000 FEET

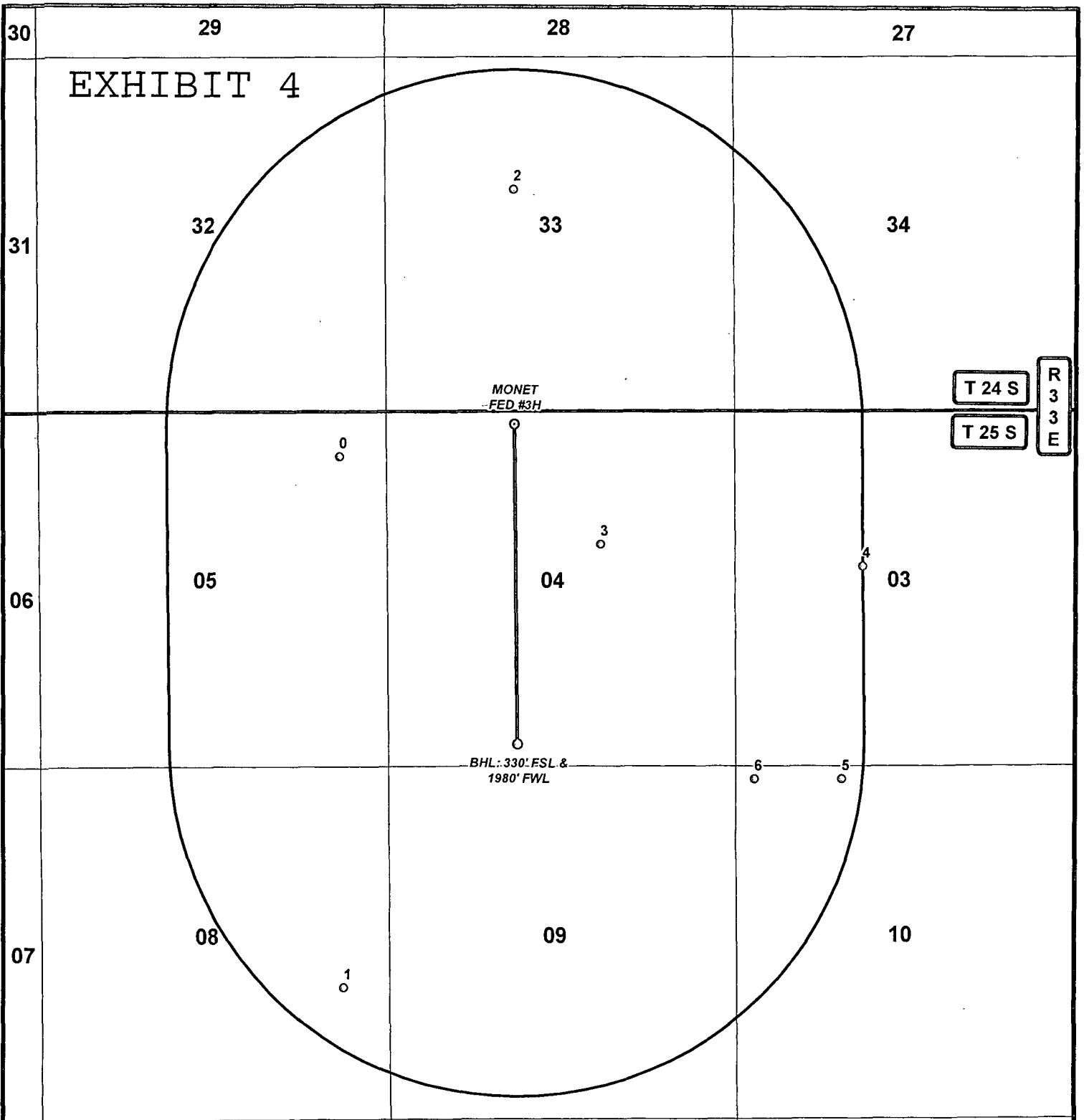


0 0.175 0.35 0.7 Miles

1 IN = 2,750 FT

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





DATA FOR "WELLS WITHIN 1 MI." IS TAKEN FROM THE NEW MEXICO EMNRD WEBSITE. THE DATA HAS BEEN UPDATED THROUGH AUGUST 12, 2014.

LEGEND

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

MONET FED #3H			
SEC: 4	TWP: 25 S.	RGE: 33 E.	ELEVATION: 3461.7'
STATE: NEW MEXICO		COUNTY: LEA	190' FNL & 1980' FWL
W.O. # 14-834	LEASE: MONET FED		SURVEY: N.M.P.M
			1 IN = 2,000 FT
1 MILE MAP		09/18/2014	

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S.P.

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)