

DISTRICT I
1825 N. FRANCE DR., HOBBS, NM 88240
Phone: (505) 398-0161 Fax: (505) 398-0720

DISTRICT II
811 S. FIRST ST., ARTESIA, NM 88210
Phone: (505) 748-1293 Fax: (505) 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) 476-3460 Fax: (505) 476-3462

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

HOBBS COO

AUG 31 2015

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025- 42766	Pool Code 97900	Pool Name Red Hills; Upper Bone Spring Shale
Property Code 315180	Property Name MONET FEDERAL COM	Well Number 9H
GRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3462.8

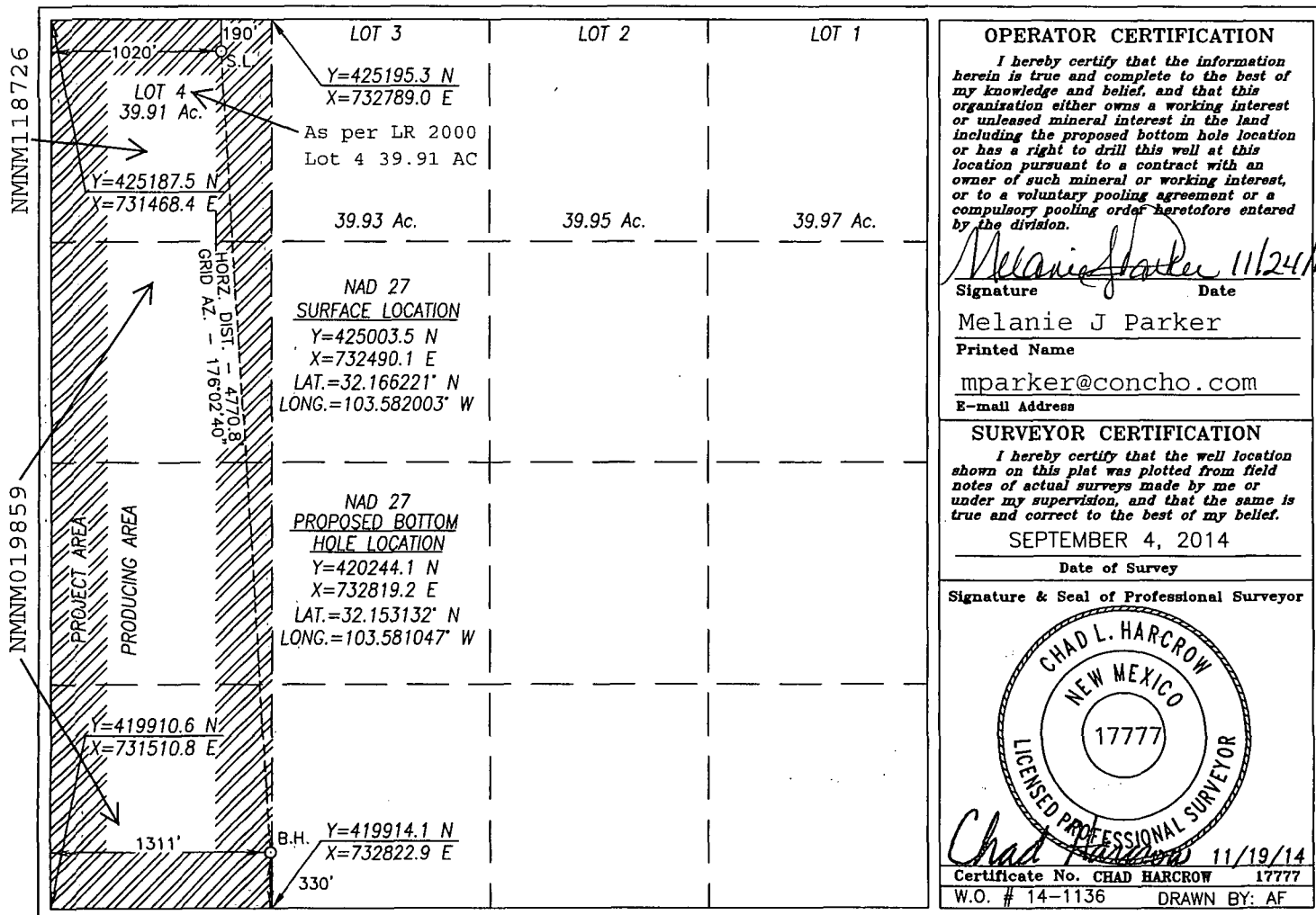
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
4 D	4	25-S	33-E		190	NORTH	1020	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
M	4	25-S	33-E		330	SOUTH	1311	WEST	LEA
Dedicated Acres 159.91	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



AUG 31 2015

NEW MEXICO

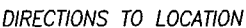


100 0 100 200 Feet

Scale: 1"=100'

FILE: 14-1136

NEW MEXICO



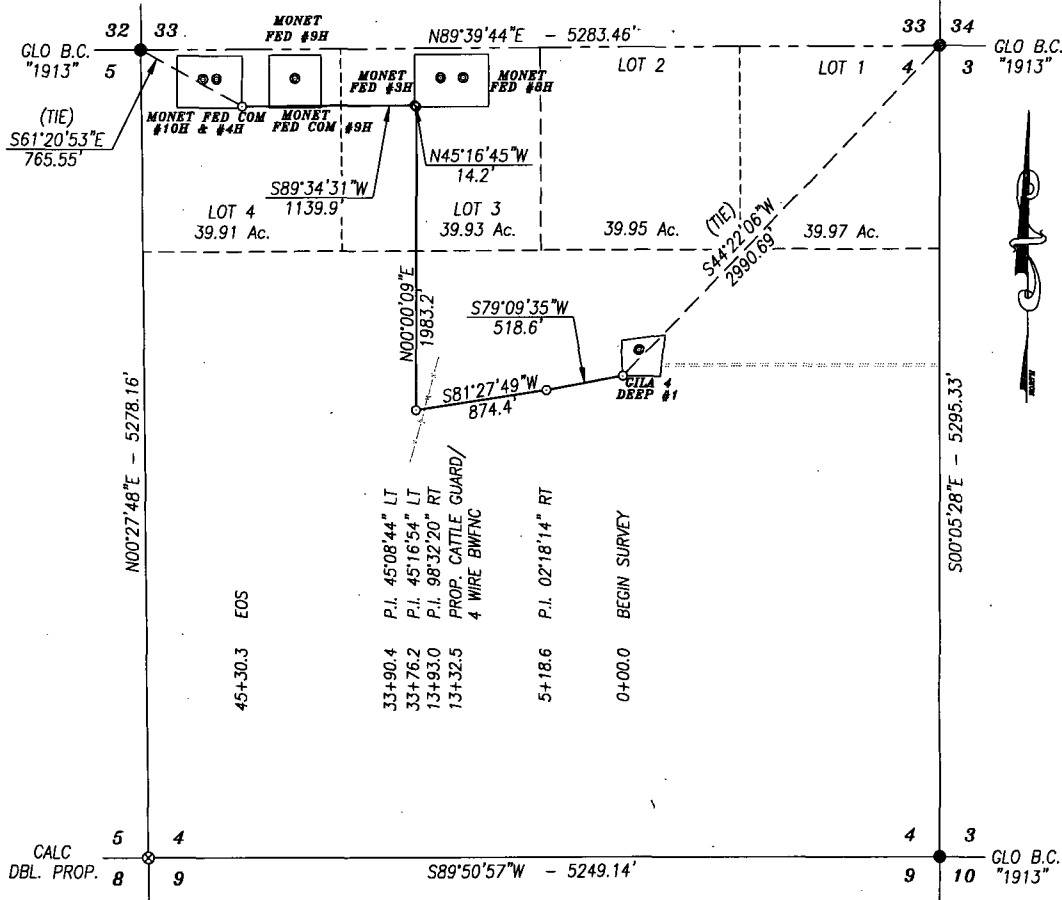
100 0 100 200 Feet

Scale: 1" = 100'



FILE: 14-1136

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

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

PH: (575) 746-2158 FAX: (575) 746-2158

c.harcrow@harcrowsurveying.com



CERTIFICATION

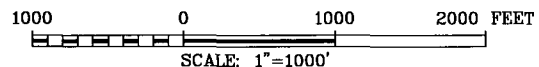
I, CHAD HARCROW, A NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR CERTIFY THAT I DIRECTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO.



Chad Harcrow

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

11/19/14
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

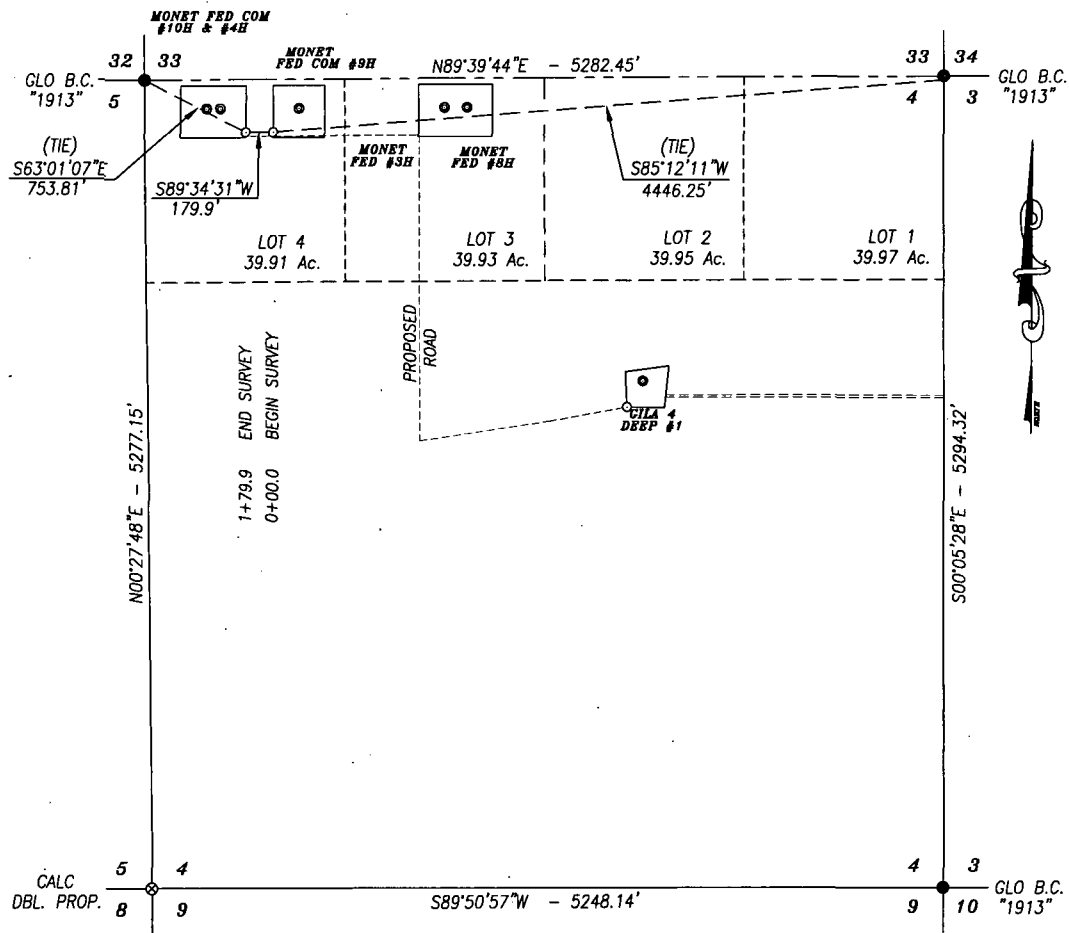
APPROVED BY: CH

DRAWN BY: AF

PAGE 1 OF 1

FILE: 14-1138

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

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c.harcrow@harcrowsurveying.com



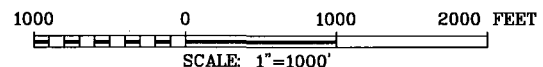
CERTIFICATION

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

11/21/14
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

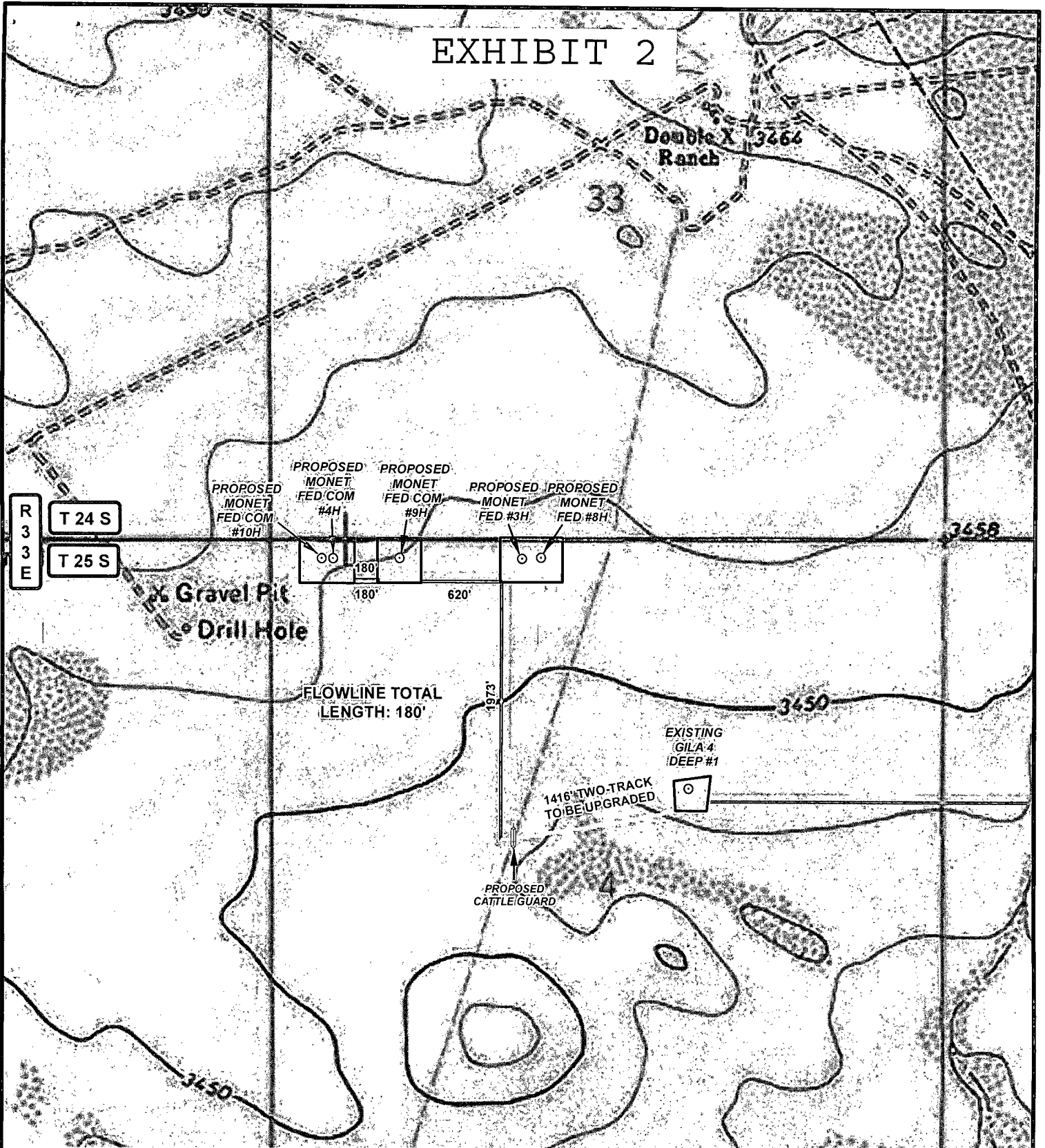
DRAFTING DATE: NOVEMBER 20, 2014

APPROVED BY: CH DRAWN BY: VD

PAGE 1 OF 1

FILE: 14-1192

EXHIBIT 2

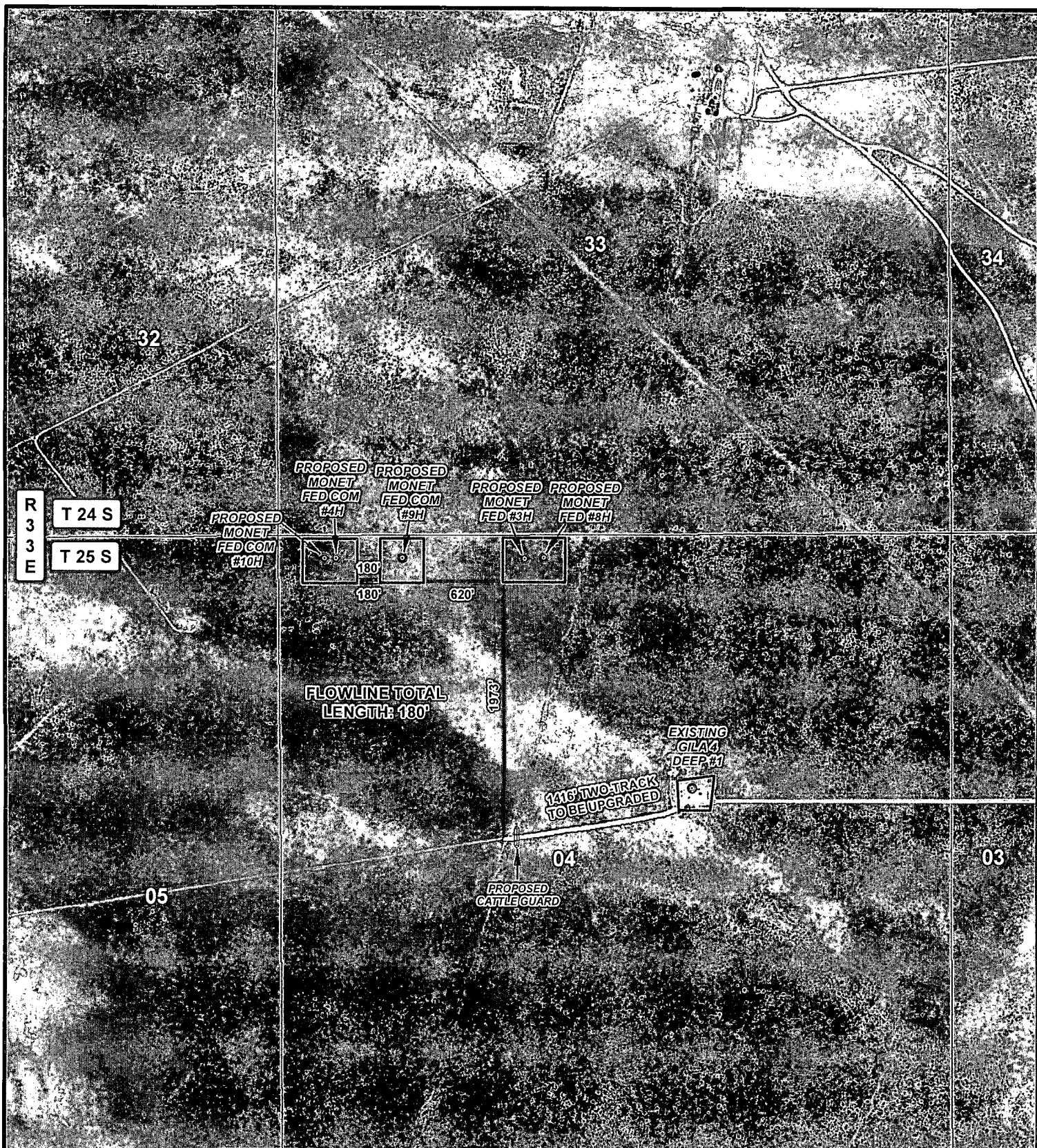


- LEGEND**
- WELL
 - WELLPAD
 - FLOWLINE
 - EXISTING ROAD
 - PROPOSED ROAD
 - TWO-TRACK ROAD

MONET FED.COM #10H & #4H TO #9H FLOWLINE		
SECTION: 4	TOWNSHIP: 25 S.	RANGE: 33 E.
STATE: NEW MEXICO	COUNTY: LEA	SURVEY: N.M.P.M.
W.O. # 14-1139	LEASE: MONET FED.COM	
<div><div><div>0</div><div>2,500 FEET</div></div><div><div>00.050.10.2 Miles</div><div>1 IN = 1,000 FT</div></div></div>		
FLOWLINE MAP	TOPO	11/19/2014 S.P.

CONCHO
COG OPERATING, LLC

HARCROW SURVEYING, LLC.
2314 W. MAIN ST, ARTESIA, NM 88210
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c.harcrow@harcrowsurveying.com



LEGEND

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

MONET FED COM #10H & #4H TO #9H FLOWLINE

SECTION: 4 TOWNSHIP: 25 S. RANGE: 33 E.

STATE: NEW MEXICO COUNTY: LEA SURVEY: N.M.P.M

W.O. # 14-1139

LEASE: MONET FED COM

0 2,500 FEET

0 0.05 0.1 0.2 Miles

1 IN = 1,000 FT

FLOWLINE MAP

IMAGERY

11/19/2014

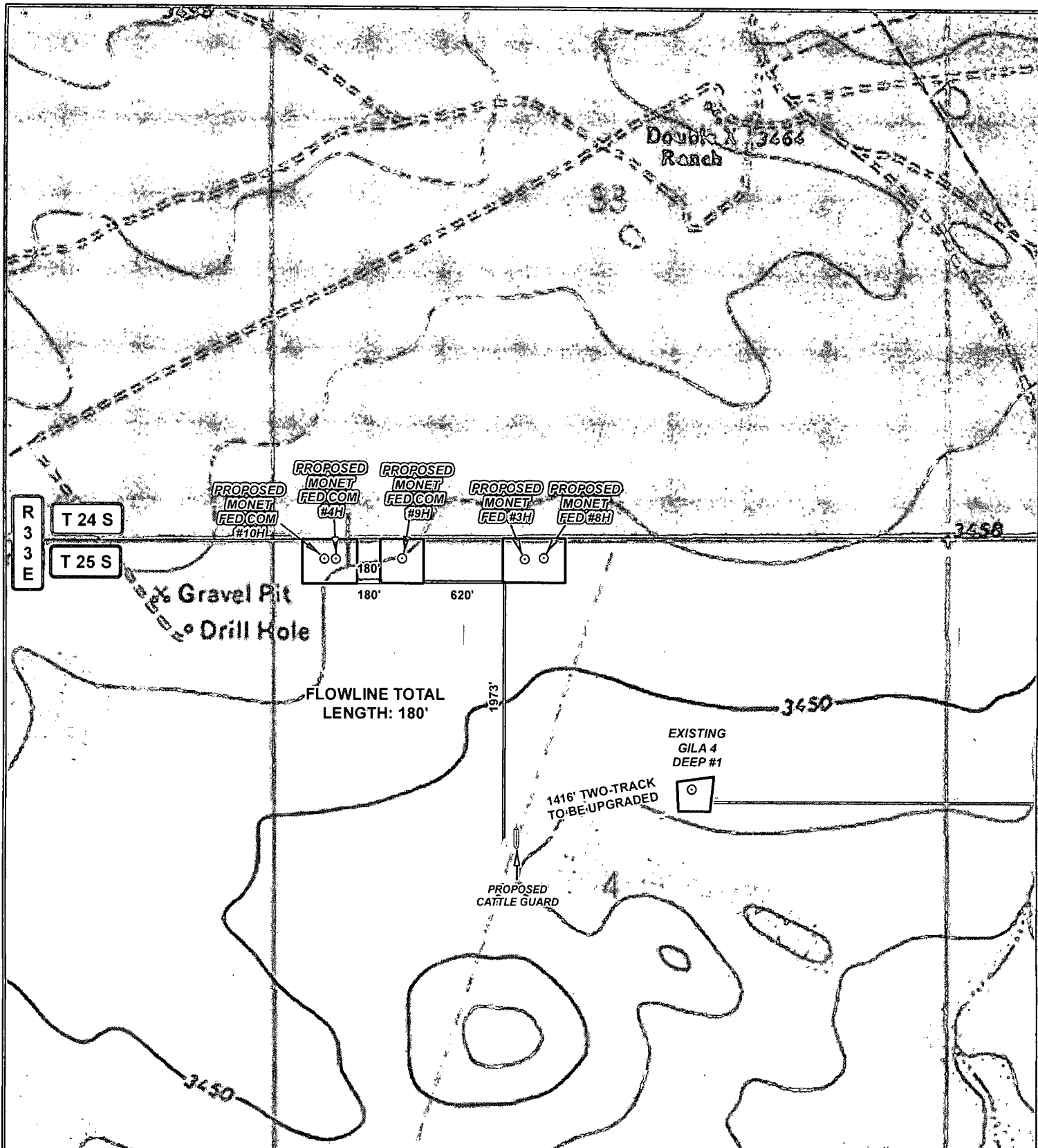
S.P.

CONCHO

COG OPERATING, LLC



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c.harcrow@harcrowsurveying.com



LEGEND

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

MONET FED COM #10H & #4H TO #9H FLOWLINE

SECTION: 4 TOWNSHIP: 25 S. RANGE: 33 E.
 STATE: NEW MEXICO COUNTY: LEA SURVEY: N.M.P.M.
 W.O. # 14-1139 LEASE: MONET FED COM

0 2,500 FEET

0 0.05 0.1 0.2 Miles

1 IN = 1,000 FT

FLOWLINE MAP

LAND STATUS

11/19/2014

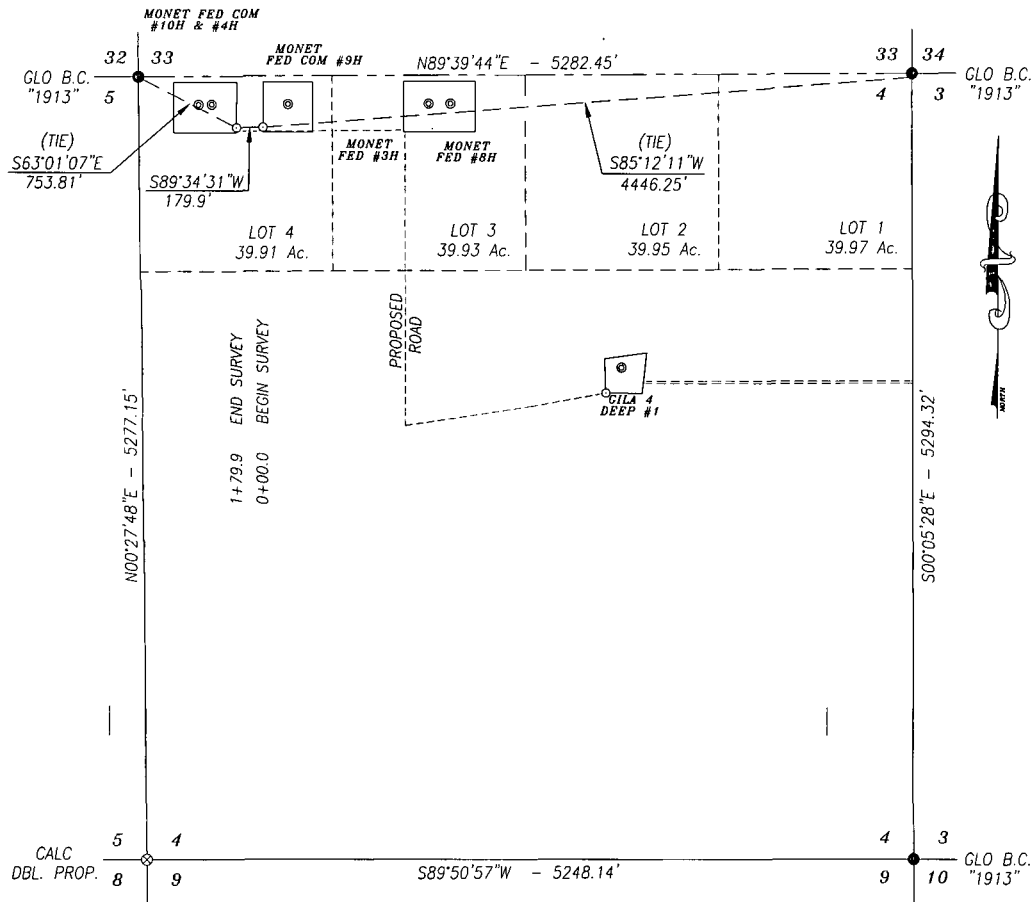
S.P.

CONCHO
 COG OPERATING, LLC

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

EXHIBIT 2A

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

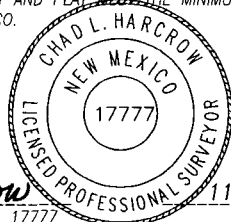
PH: (575) 746-2158 FAX: (575) 746-2158

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 PLAN MEET THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO.



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

11/21/14
DATE

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

COG OPERATING, LLC

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

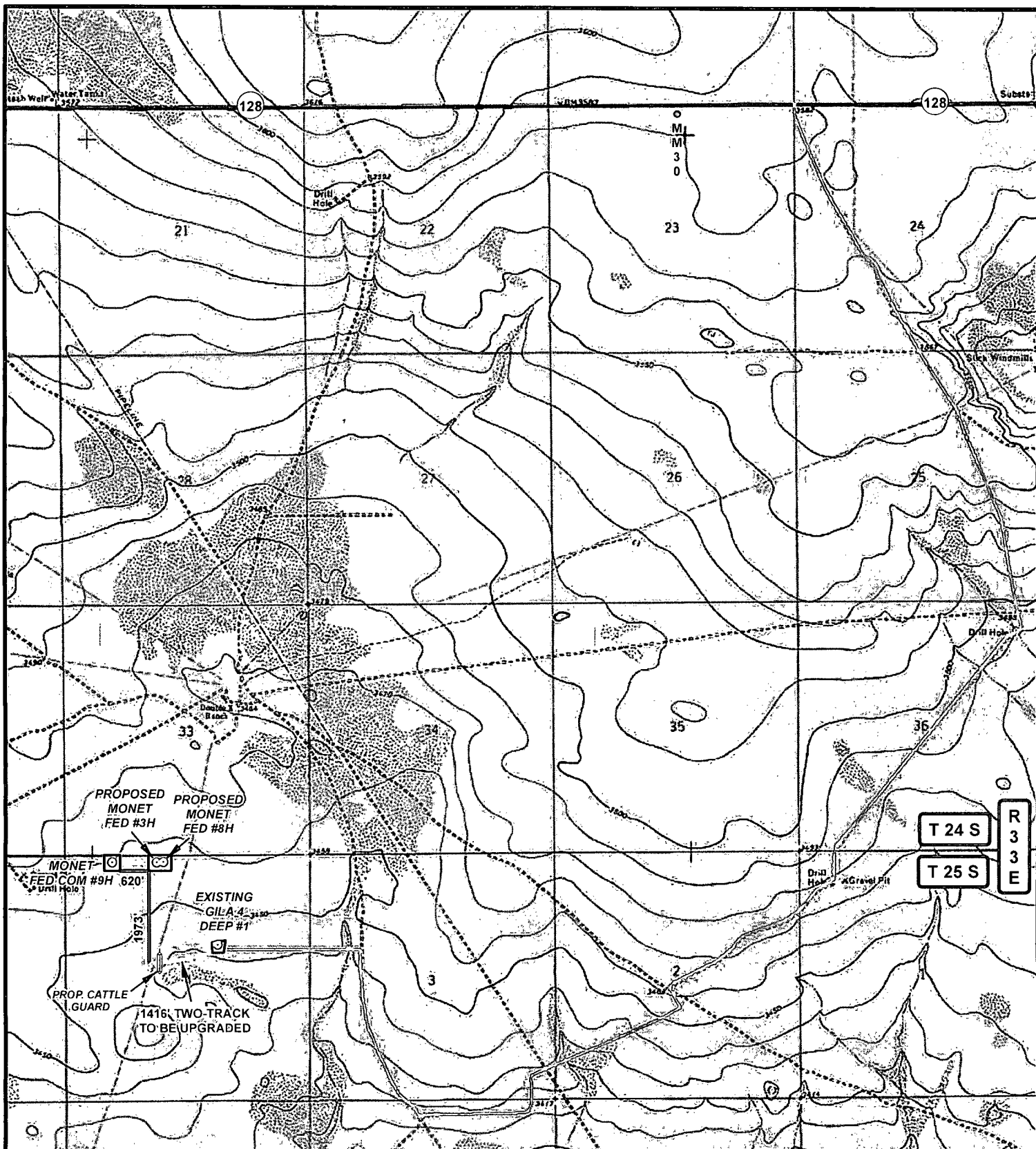
SURVEY DATE: SEPTEMBER 19, 2014

DRAFTING DATE: NOVEMBER 20, 2014

APPROVED BY: CH DRAWN BY: VD

PAGE 1 OF 1

FILE: 14-1192



LEGEND

○ WELL

□ WELLPAD

— EXISTING ROAD

— PROPOSED ROAD

— TWO-TRACK ROAD

MONET FED COM #9H

SEC: 4 TWP: 25 S. RGE: 33 E. ELEVATION: 3462.8'

STATE: NEW MEXICO COUNTY: LEA 190' FNL & 1020' FWL

W.O. # 14-1136 LEASE: MONET FED COM 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

11/18/2014

A.F.

CONCHO

COG OPERATING, LLC

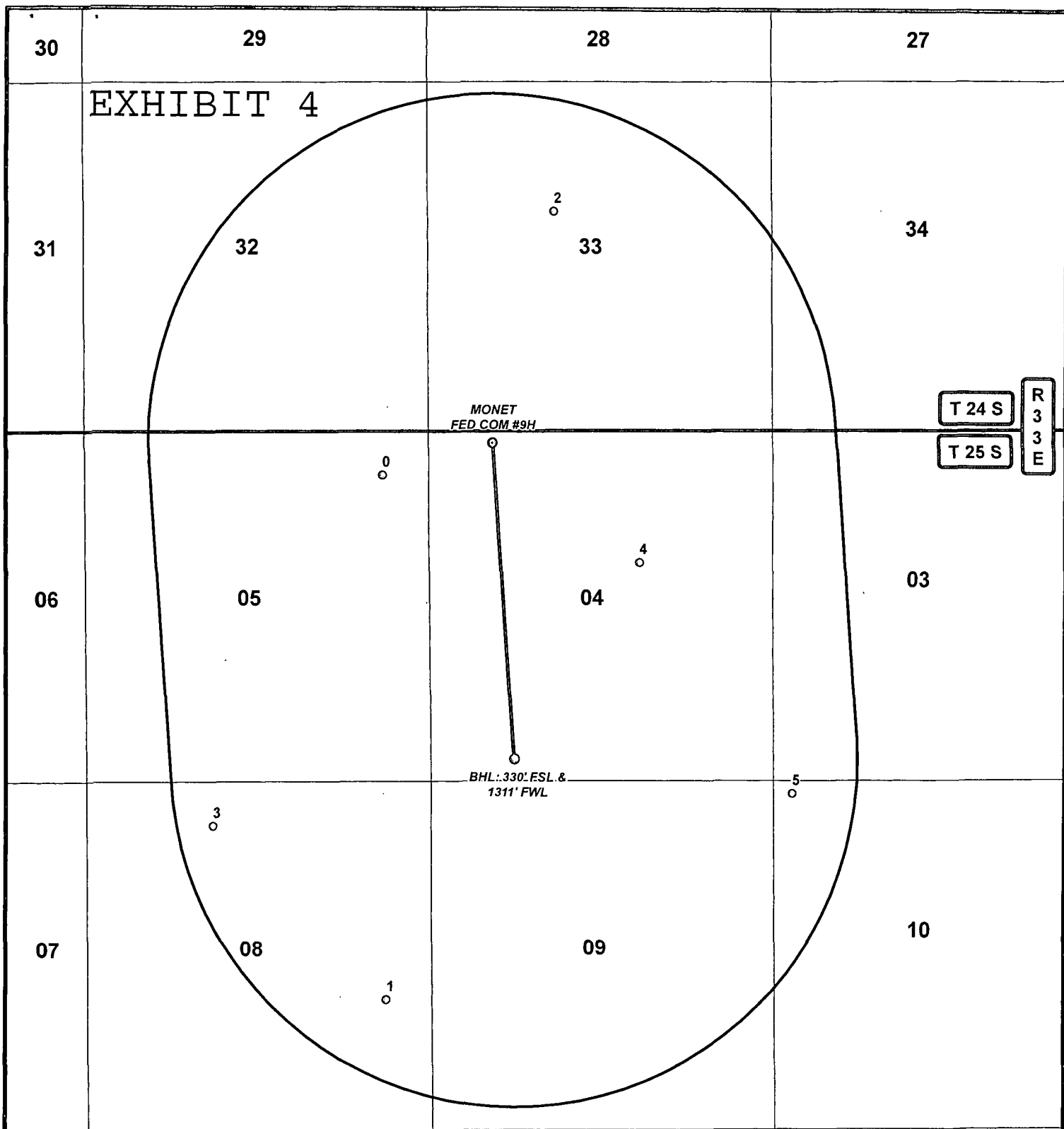


HARCROW SURVEYING, LLC.

2314 W. MAIN ST, ARTESIA, NM 88210

PH: (575) 513-2570 FAX: (575) 746-2158

chad_harcrow77@yahoo.com



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

LEGEND

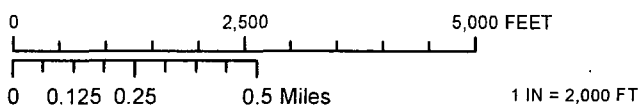
- WELL
- BOTTOMHOLE
- WELLS WITHIN 1 MI.
- 1 MI. BUFFER

MONET FED COM #9H

SEC: 4 TWP: 25 S. RGE: 33 E. ELEVATION: 3462.8'

STATE: NEW MEXICO COUNTY: LEA 190' FNL & 1020' FWL

W.O. # 14-1136 LEASE: MONET FED COM SURVEY: N.M.P.M



1 MILE MAP

11/18/2014

A.F.

CONCHO
COG OPERATING, LLC



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

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	25.05	33E	660 N		660 E		5193	Plugged
1	SANTANA PETROLEUM CO	BASS FEDERAL 001	32.143287	-103.58791	3002508381	8	25.05	33E	1980 S		660 E		5210	Plugged
2	GETTY OIL CO	TRISTE 33 STATE 001	32.175911	-103.579387	3002527293	33	24.05	33E	1980 N		1980 W		15960	Plugged
3	ENDURANCE RESOURCES LLC	GILA 4 DEEP 001	32.161398	-103.575182	3002530872	4	25.05	33E	1975 N		1980 E		15700	Active
4	EOG RESOURCES INC	TRISTE DRAW 3 FEDERAL 002	32.160469	-103.562327	3002534585	3	25.05	33E	2310 N		1980 W		13915	Active
5	BTA OIL PRODUCERS, LLC	VACA DRAW 9418 JV-P 004H	32.151801	-103.563421	3002541623	10	25.05	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	25.05	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	25.05	33E	660 N		660 E		5193	Plugged
1	SANTANA PETROLEUM CO	BASS FEDERAL 001	32.143287	-103.58791	3002508381	8	25.05	33E	1980 S		660 E		5210	Plugged
2	GETTY OIL CO	TRISTE 33 STATE 001	32.175911	-103.579387	3002527293	33	24.05	33E	1980 N		1980 W		15960	Plugged
3	DEVON ENERGY PRODUCTION CO	FLAGLER FEDERAL 001	32.150536	-103.596449	3002530599	8	25.05	33E	660 N		1980 W		16135	Active
4	ENDURANCE RESOURCES LLC	GILA 4 DEEP 001	32.161398	-103.575182	3002530872	4	25.05	33E	1975 N		1980 E		15700	Active
5	BTA OIL PRODUCERS, LLC	VACA DRAW 9418 JV-P 005H	32.151806	-103.567707	3002541624	10	25.05	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	25.05	33E	660 N		660 E		5193	Plugged
1	SANTANA PETROLEUM CO	BASS FEDERAL 001	32.143287	-103.58791	3002508381	8	25.05	33E	1980 S		660 E		5210	Plugged
2	GETTY OIL CO	TRISTE 33 STATE 001	32.175911	-103.579387	3002527293	33	24.05	33E	1980 N		1980 W		15960	Plugged
3	ENDURANCE RESOURCES LLC	GILA 4 DEEP 001	32.161398	-103.575182	3002530872	4	25.05	33E	1975 N		1980 E		15700	Active
4	EOG RESOURCES INC	TRISTE DRAW 3 FEDERAL 002	32.160469	-103.562327	3002534585	3	25.05	33E	2310 N		1980 W		13915	Active
5	BTA OIL PRODUCERS, LLC	VACA DRAW 9418 JV-P 004H	32.151801	-103.563421	3002541623	10	25.05	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	25.05	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	25.05	33E	660 N		660 E		5193	Plugged
1	SANTANA PETROLEUM CO	BASS FEDERAL 001	32.143287	-103.58791	3002508381	8	25.05	33E	1980 S		660 E		5210	Plugged
2	GETTY OIL CO	TRISTE 33 STATE 001	32.175911	-103.579387	3002527293	33	24.05	33E	1980 N		1980 W		15960	Plugged
3	DEVON ENERGY PRODUCTION CO	FLAGLER FEDERAL 001	32.150536	-103.596449	3002530599	8	25.05	33E	660 N		1980 W		16135	Active
4	ENDURANCE RESOURCES LLC	GILA 4 DEEP 001	32.161398	-103.575182	3002530872	4	25.05	33E	1975 N		1980 E		15700	Active
5	BTA OIL PRODUCERS, LLC	VACA DRAW 9418 JV-P 005H	32.151806	-103.567707	3002541624	10	25.05	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	25.05	33E	660 N		660 E		5193	Plugged
1	SANTANA PETROLEUM CO	BASS FEDERAL 001	32.143287	-103.58791	3002508381	8	25.05	33E	1980 S		660 E		5210	Plugged
2	GETTY OIL CO	TRISTE 33 STATE 001	32.175911	-103.579387	3002527293	33	24.05	33E	1980 N		1980 W		15960	Plugged
3	DEVON ENERGY PRODUCTION CO	FLAGLER FEDERAL 001	32.150536	-103.596449	3002530599	8	25.05	33E	660 N		1980 W		16135	Active
4	ENDURANCE RESOURCES LLC	GILA 4 DEEP 001	32.161398	-103.575182	3002530872	4	25.05	33E	1975 N		1980 E		15700	Active
5	BTA OIL PRODUCERS, LLC	VACA DRAW 9418 JV-P 005H	32.151806	-103.567707	3002541624	10	25.05	33E	190 N		330 W		0	New (Not drilled or compl)