

NOV 28 2018

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, 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, NM 87505

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-45274		² Pool Code 98220	³ Pool Name PURPLE SAGE WOLFCAMP GAS POOL
⁴ Property Code 322483	⁵ Property Name FRONTIER 32-23-26 STATE		⁶ Well Number 431H
⁷ OGRID No. 246289	⁸ Operator Name RKI EXPLORATION & PRODUCTION, LLC		⁹ Elevation 3,437'

¹⁰ Surface Location

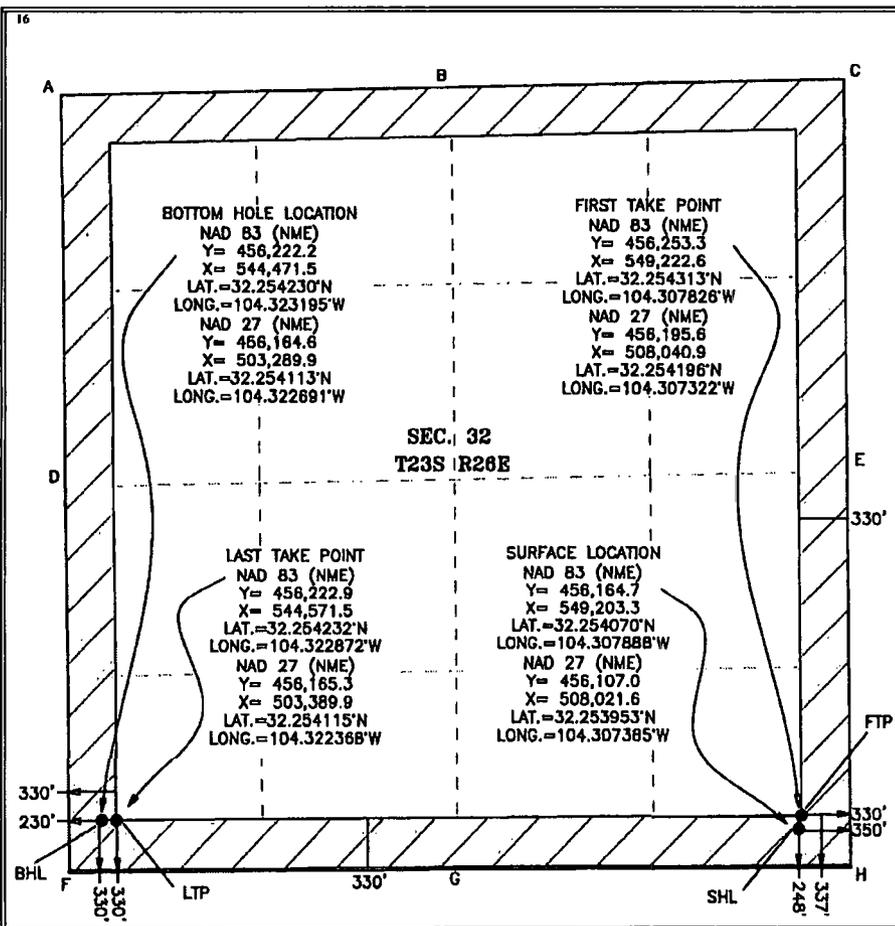
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	32	23 S	26 E		248	SOUTH	350	EAST	EDDY

¹¹ 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	32	23 S	26 E		330	SOUTH	230	WEST	EDDY

¹² Dedicated Acres 640 ACRES	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
--	-------------------------------	----------------------------------	-------------------------

820
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.



¹⁷ OPERATOR CERTIFICATION
I hereby certify that the information contained 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 a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Josh Walker 8/30/18
Signature Date

Josh Walker
Printed Name

josh.walker@wprenergy.com
Email Address

¹⁸ 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.

08-30-2018
Date of Survey

Signature and Seal of Professional Surveyor:
Mark Dillon Harp

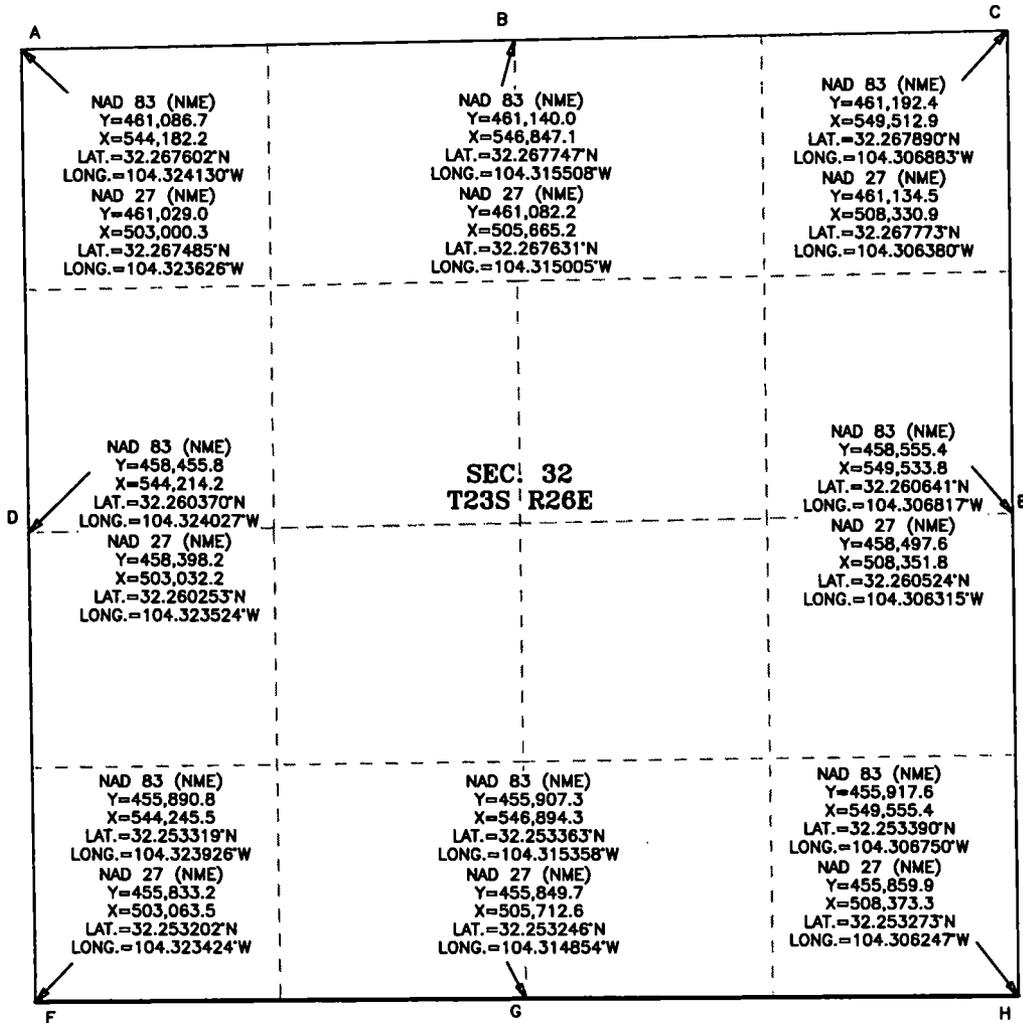
MARK DILLON HARP 23786
Certificate Number

RR/AW 2018041048



Rev 12-7-18

COORDINATES



SECTION 32 TOWNSHIP 23S RANGE 26E N.M.P.M.

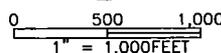
COUNTY: EDDY STATE: N.M.

OPERATOR: RKI EXPLORATION & PRODUCTION, LLC

SHL	FIP	LTP	BHL
350' FEL & 248' FSL	330' FEL & 337' FSL	330' FWL & 330' FSL	230' FWL & 330' FSL
NAD 83 NME	NAD 83 NME	NAD 83 NME	NAD 83 NME
Y= 456,164.7	Y= 456,253.3	Y= 456,222.9	Y= 456,222.2
X= 549,203.3	X= 549,222.6	X= 544,571.5	X= 544,471.5
LAT.= 32.254070°N	LAT.=32.254313°N	LAT.=32.254232°N	LAT.=32.254230°N
LONG.=104.307888°W	LONG.=104.307826°W	LONG.=104.322872°W	LONG.=104.323195°W
NAD 27 NME	NAD 27 NME	NAD 27 NME	NAD 27 NME
Y= 456,107.0	Y= 456,195.6	Y= 456,165.3	Y= 456,164.6
X= 508,021.6	X= 508,040.9	X= 503,389.9	X= 503,289.9
LAT.=32.253953°N	LAT.=32.254196°N	LAT.=32.254115°N	LAT.=32.254113°N
LONG.=104.307385°W	LONG.=104.307322°W	LONG.=104.322368°W	LONG.=104.322691°W



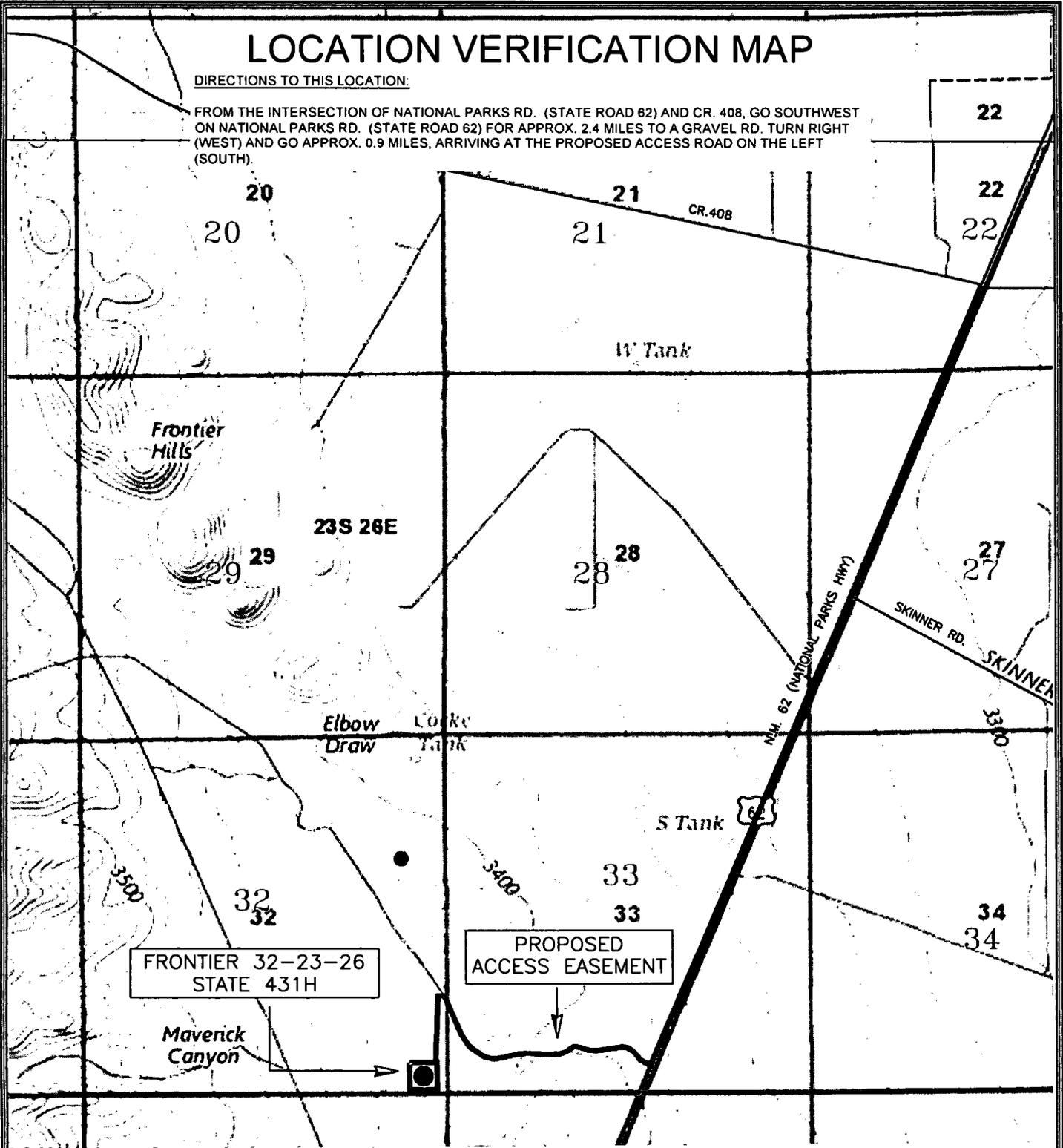
550 Bailey Ave., 205 - Fort Worth, TX 76107
 Ph: 817.349.9800 - Fax: 979.732.5271
 TBPE Firm 17957 | TBPLS Firm 10193887
www.fcinc.net
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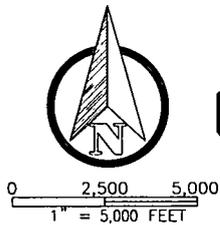
LOCATION VERIFICATION MAP

DIRECTIONS TO THIS LOCATION:

FROM THE INTERSECTION OF NATIONAL PARKS RD. (STATE ROAD 62) AND CR. 408, GO SOUTHWEST ON NATIONAL PARKS RD. (STATE ROAD 62) FOR APPROX. 2.4 MILES TO A GRAVEL RD. TURN RIGHT (WEST) AND GO APPROX. 0.9 MILES, ARRIVING AT THE PROPOSED ACCESS ROAD ON THE LEFT (SOUTH).



FRONTIER 32-23-26 STATE 431H
 LOCATED 248 FEET FROM THE SOUTH LINE
 AND 350 FEET FROM THE EAST LINE OF
 SECTION 32, TOWNSHIP 23 SOUTH,
 RANGE 26 EAST, N.M.P.M.
 EDDY COUNTY, NEW MEXICO

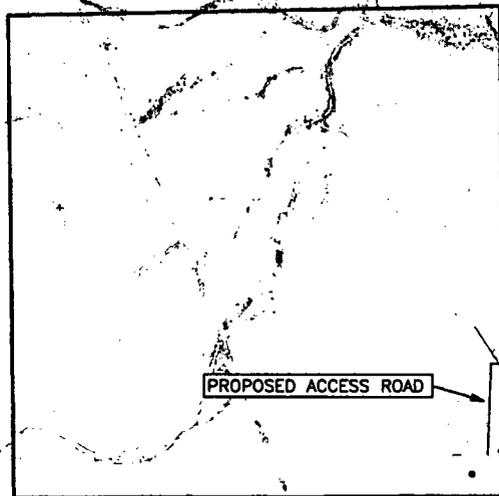


FSC INC
 SURVEYORS+ENGINEERS

550 Bailey Ave., 205 - Fort Worth, TX 76107
 Ph: 817.349.9800 - Fax: 979.732.5271
 TBPE Firm 17957 | TBPLS Firm 10193887
www.fsclnc.net

DATE:	08-30-2018
DRAWN BY:	AW
CHECKED BY:	DH
FIELD CREW:	RE/RR
PROJECT NO:	2018041048
SCALE:	1" = 5,000
SHEET:	1 OF 1
REVISION:	NONE

AERIAL MAP



PROPOSED ACCESS ROAD

FRONTIER
32-23-26
STATE 431H

DIRECTIONS TO THIS LOCATION:

FROM THE INTERSECTION OF NATIONAL PARKS RD. (STATE ROAD 62) AND CR. 408, GO SOUTHWEST ON NATIONAL PARKS RD. (STATE ROAD 62) FOR APPROX. 2.4 MILES TO A GRAVEL RD. TURN RIGHT (WEST) AND GO APPROX. 0.9 MILES, ARRIVING AT THE PROPOSED ACCESS ROAD ON THE LEFT (SOUTH).

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LOCATED 248 FEET FROM THE SOUTH LINE
AND 350 FEET FROM THE EAST LINE OF
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0 1,000 2,000'
1" = 2,000 FEET



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DATE:	08-30-2018
DRAWN BY:	AW
CHECKED BY:	DH
FIELD CREW:	RE/RR
PROJECT NO:	2018041048
SCALE:	1" = 2,000'
SHEET:	1 OF 1
REVISION:	0

SE/4 SE/4

PROPOSED ACCESS ROAD
1,061.98'

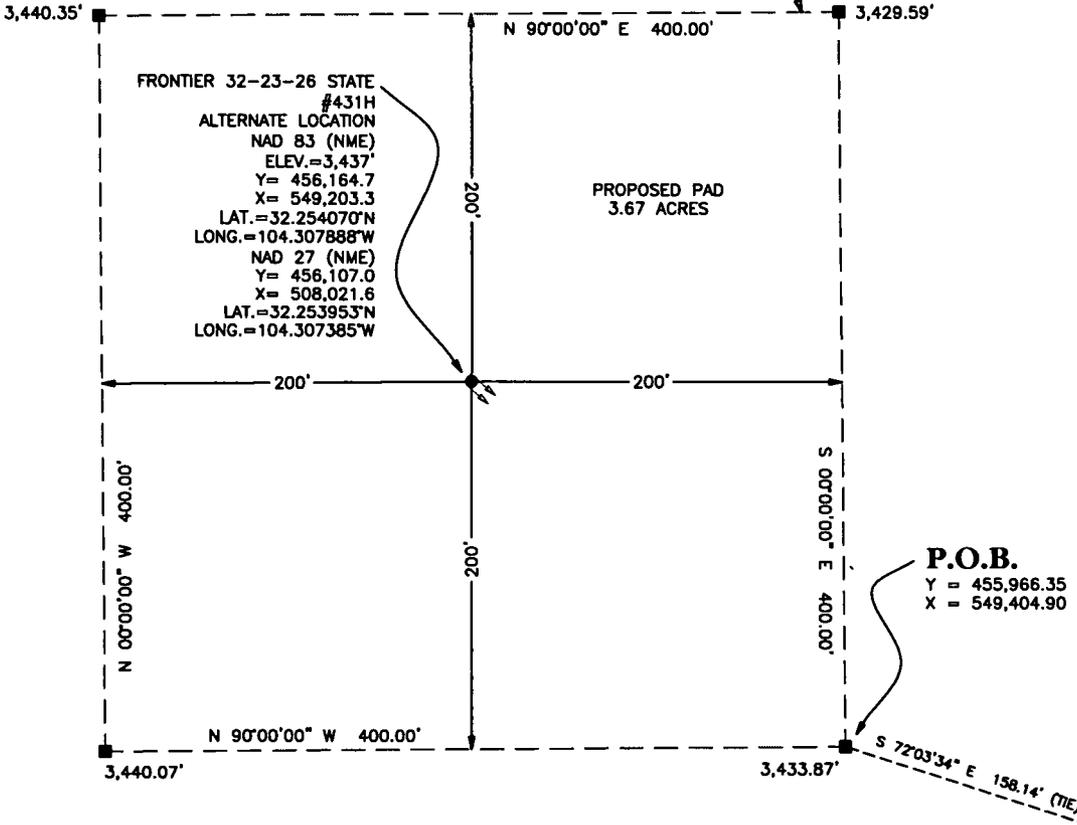
EXISTING ROAD AND
CENTERLINE OF PROPOSED
ACCESS EASEMENT

SECTION 32

TOWNSHIP 23 SOUTH, RANGE 26 EAST
NEW MEXICO PRIME MERIDIAN

OWNER: STATE OF NEW MEXICO

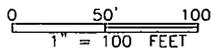
SW/4 SW/4



SECTION 33
TOWNSHIP 23 SOUTH, RANGE 26 EAST
NEW MEXICO PRIME MERIDIAN
OWNER: U.S.A.

LEGEND

- SECTION LINE
- PROPOSED PAD
- PROPOSED ACCESS ROAD
- ⊙ FOUND MONUMENT AS NOTED



NOTE:

- 1). SEE "TOPOGRAPHICAL AND ACCESS ROAD MAP" FOR PROPOSED ROAD LOCATION

DIRECTIONS TO THIS LOCATION:

FROM THE INTERSECTION OF NATIONAL PARKS RD. (STATE ROAD 62) AND CR. 408, GO SOUTHWEST ON NATIONAL PARKS RD. (STATE ROAD 62) FOR APPROX. 2.4 MILES TO A GRAVEL RD. TURN RIGHT (WEST) AND GO APPROX. 0.9 MILES, ARRIVING AT THE PROPOSED ACCESS ROAD ON THE LEFT (SOUTH).

RKI EXPLORATION & PRODUCTION, LLC

WELL SITE PLAN

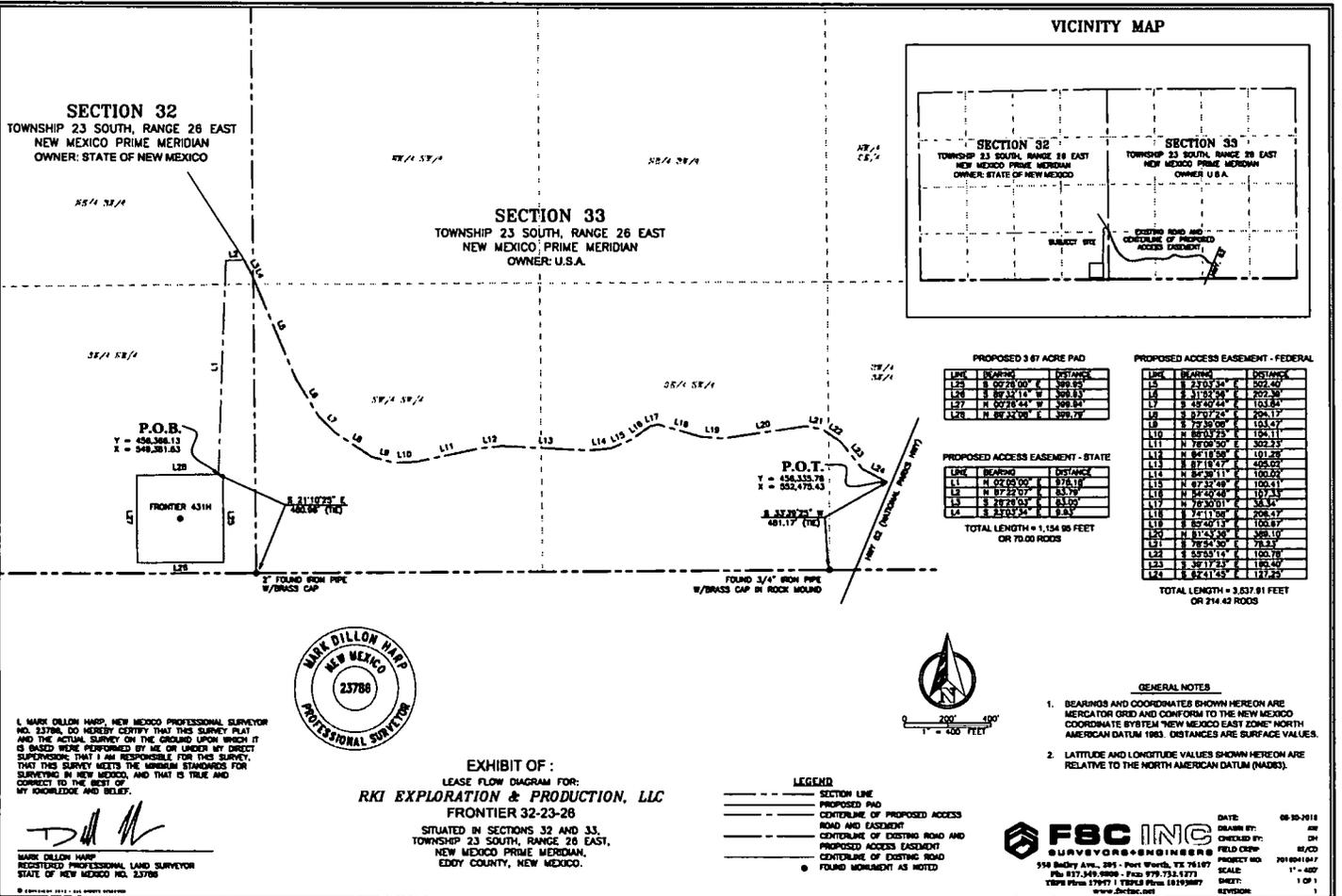
FRONTIER 32-23-26 STATE 431H
LOCATED 248 FEET FROM THE SOUTH LINE
AND 350 FEET FROM THE EAST LINE OF
SECTION 32, TOWNSHIP 23 SOUTH,
RANGE 26 EAST, N.M.P.M.
EDDY COUNTY, NEW MEXICO



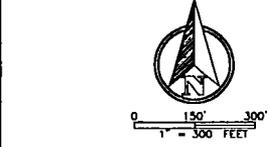
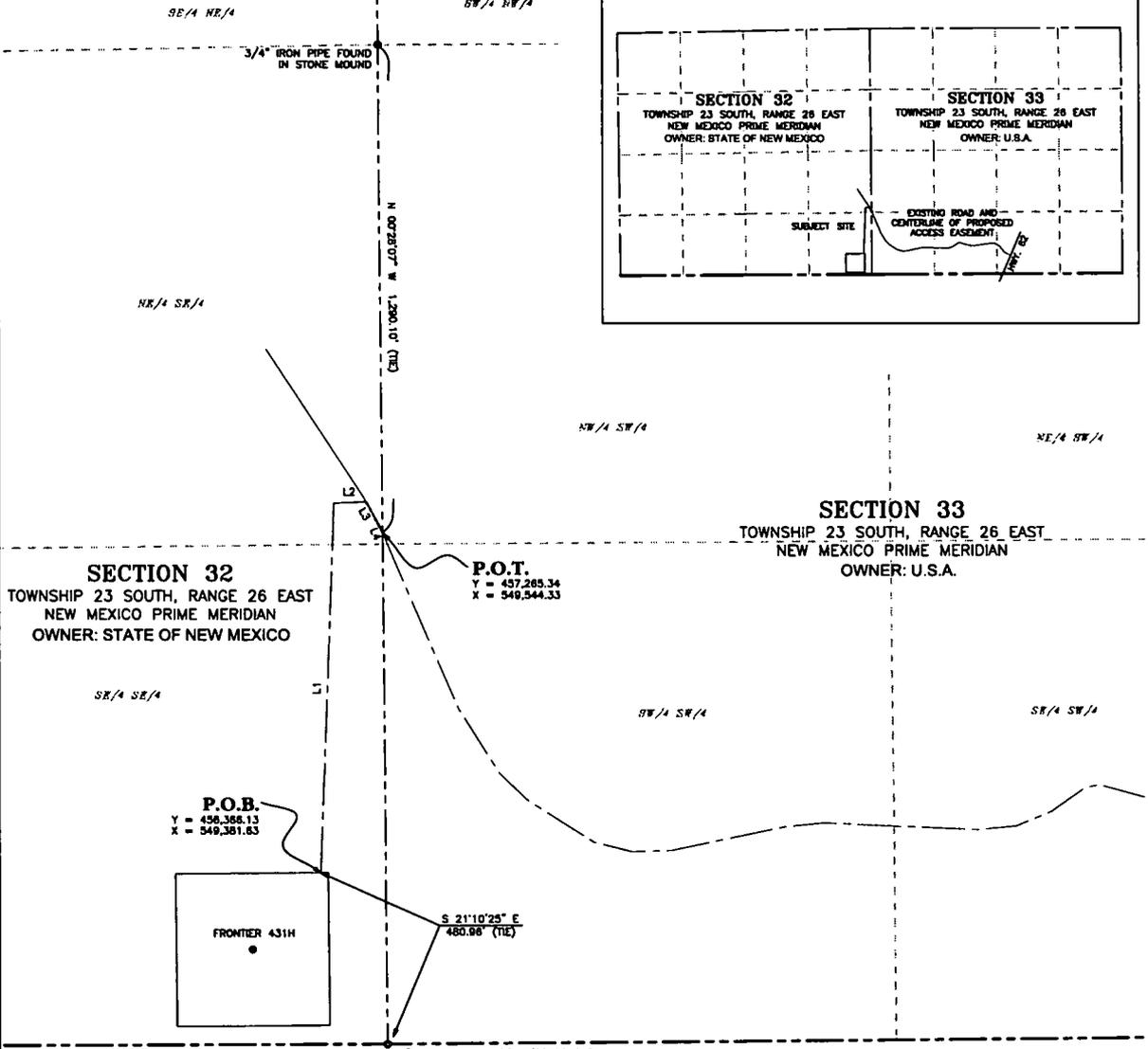
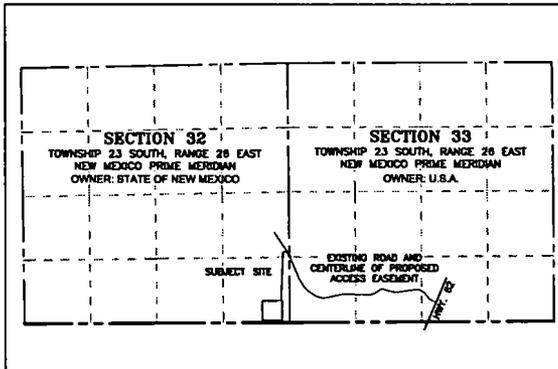
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Ph: 817.349.9800 - Fax: 979.732.5271
TBPE Firm 17957 | TBPLS Firm 10193887
www.fscinc.net



DATE:	11-20-2018	PROJECT NO:	2018041048
DRAWN BY:	JC	SCALE:	1" = 100'
CHECKED BY:	DH	SHEET:	1 OF 1
FIELD CREW:	RE	REVISION:	2



VICINITY MAP



FRONTIER 32-23-26 STATE 431H ACCESS EASEMENT DESCRIPTION:

SURVEY OF A STRIP OF LAND 30.0 FEET WIDE AND 1,154.95 FEET, 70.00 RODS, OR 0.22 MILES IN LENGTH CROSSING SECTION 32, TOWNSHIP 23 SOUTH, RANGE 26 EAST, N.M.P.M. EDDY COUNTY, NEW MEXICO AND BEING 18.0 FEET RIGHT AND 18.0 FEET LEFT OF THE ABOVE PLATTED CENTERLINE OF A PROPOSED ACCESS EASEMENT COMPRISING OF 0.8005 OF AN ACRE AND DIVIDED IN EACH QUARTER QUARTER SECTION AS FOLLOWS:

NE/4 SE/4 SECTION 32 = 285.47 FEET = 17.30 RODS = 0.20 OF AN ACRE
 SE/4 SE/4 SECTION 32 = 889.48 FEET = 52.70 RODS = 0.6005 OF AN ACRE

PROPOSED ACCESS EASEMENT - STATE

LINE	BEARING	DISTANCE
L1	N 02°05'00" E	978.18'
L2	N 87°22'07" E	83.79'
L3	S 28°28'03" E	83.05'
L4	S 27°03'34" E	9.93'

TOTAL LENGTH = 1,154.95 FEET
 OR 70.00 RODS

GENERAL NOTES

- BEARINGS AND COORDINATES 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.
- LATITUDE AND LONGITUDE VALUES SHOWN HEREON ARE RELATIVE TO THE NORTH AMERICAN DATUM (NAD83).

I, MARK DILLON HARP, NEW MEXICO PROFESSIONAL SURVEYOR NO. 23788, DO HEREBY CERTIFY THAT THIS SURVEY PLAT AND THE ACTUAL SURVEY ON THE GROUND UPON WHICH IT IS BASED WERE PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION; THAT I AM RESPONSIBLE FOR THIS SURVEY; THAT THIS SURVEY MEETS THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO, AND THAT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

[Signature]

MARK DILLON HARP
 REGISTERED PROFESSIONAL LAND SURVEYOR
 STATE OF NEW MEXICO NO. 23788



LEGEND

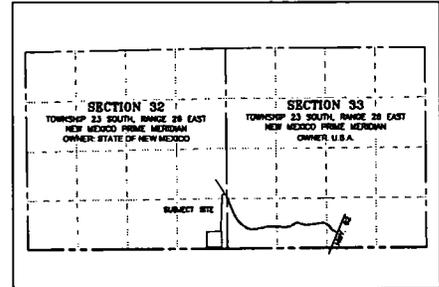
- SECTION LINE
- PROPOSED PAD
- CENTERLINE OF PROPOSED ACCESS ROAD AND EASEMENT
- CENTERLINE OF EXISTING ROAD AND PROPOSED ACCESS EASEMENT
- CENTERLINE OF EXISTING ROAD
- FOUND MONUMENT AS NOTED

EXHIBIT OF:
 CENTERLINE OF PROPOSED ACCESS EASEMENT
RKI EXPLORATION & PRODUCTION, LLC
 FRONTIER 32-23-26 STATE
 SITUATED IN SECTION 32, TOWNSHIP 23 SOUTH, RANGE 26 EAST, NEW MEXICO PRIME MERIDIAN, EDDY COUNTY, NEW MEXICO.

DATE: 08-30-2018
 DRAWN BY: AW
 CHECKED BY: DH
 FIELD CREW: RE
 PROJECT NO: 2018041047
 SCALE: 1" = 300'
 SHEET: 1 OF 1
 REVISIONS: 1

FSC INC
 SURVEYORS + ENGINEERS
 550 Bailey Ave., 205 - Fort Worth, TX 76107
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 TRPB Firm 17957 | TRPLS Firm 10193887
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VICINITY MAP



SECTION 32
TOWNSHIP 23 SOUTH, RANGE 26 EAST
NEW MEXICO PRIME MERIDIAN
OWNER: STATE OF NEW MEXICO

SECTION 33
TOWNSHIP 23 SOUTH, RANGE 26 EAST
NEW MEXICO PRIME MERIDIAN
OWNER: U.S.A.

P.O.B.
Y = 437,265.34
X = 548,544.33

P.O.T.
Y = 436,335.78
X = 532,475.43

FRONTIER 32-23-28 431H ACCESS EASEMENT DESCRIPTION:

SURVEY OF A STRIP OF LAND 30.0 FEET WIDE AND 3,537.91 FEET, 214.42 RODS, OR 0.67 MILES IN LENGTH CROSSING SECTION 33, TOWNSHIP 23 SOUTH, RANGE 26 EAST, N.M.P.M. EDDY COUNTY, NEW MEXICO AND BEING 15.0 FEET FRONT AND 18.0 FEET LEFT OF THE ABOVE PLATTED CENTERLINE OF A PROPOSED ACCESS EASEMENT COMPRISING OF 2.43 ACRES AND DIVIDED IN EACH QUARTER QUARTER SECTION AS FOLLOWS:

NW/4 SW/4 SECTION 33 = 31.25 FEET = 1.89 RODS = 0.021 OF AN ACRE
SW/4 SW/4 SECTION 33 = 1,776.07 FEET = 107.64 RODS = 1.22 ACRES
SE/4 SW/4 SECTION 33 = 1,376.11 FEET = 83.34 RODS = 0.95 OF AN ACRE
SW/4 SE/4 SECTION 33 = 335.48 FEET = 21.58 RODS = 0.24 OF AN ACRE

PROPOSED ACCESS EASEMENT - FEDERAL

LINE	BEARING	DISTANCE
L1	S 21°03' 51"	300.40'
L2	S 31°32' 58"	202.30'
L3	S 23°40' 45"	103.80'
L4	S 37°07' 24"	204.17'
L5	S 72°38' 08"	103.47'
L6	N 88°55' 25"	104.11'
L7	N 78°09' 50"	302.33'
L8	N 84°18' 58"	101.26'
L9	S 87°19' 43"	458.27'
L10	N 84°30' 11"	100.02'
L11	N 87°32' 48"	100.41'
L12	N 84°42' 44"	107.13'
L13	N 78°30' 01"	28.34'
L14	S 74°11' 56"	206.47'
L15	S 85°40' 15"	100.47'
L16	N 81°43' 58"	288.10'
L17	S 78°54' 30"	78.32'
L18	S 32°55' 14"	160.75'
L19	S 38°17' 23"	185.40'
L20	S 84°41' 45"	127.25'

TOTAL LENGTH = 3,537.91 FEET
OR 214.42 RODS



GENERAL NOTES

- BEARINGS AND COORDINATES 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.
- LATITUDE AND LONGITUDE VALUES SHOWN HEREON ARE RELATIVE TO THE NORTH AMERICAN DATUM (NAD83).

I, MARK DILLON HARP, NEW MEXICO PROFESSIONAL SURVEYOR NO. 23786, DO HEREBY CERTIFY THAT THIS SURVEY PLAN AND THE ACTUAL SURVEY ON THE GROUND UPON WHICH IT IS BASED WERE PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION THAT I AM RESPONSIBLE FOR THIS SURVEY THAT THIS SURVEY MEETS THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO, AND THAT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



MARK DILLON HARP
REGISTERED PROFESSIONAL LAND SURVEYOR
STATE OF NEW MEXICO NO. 23786

EXHIBIT OF:
CENTERLINE OF PROPOSED ACCESS EASEMENT
RKI EXPLORATION & PRODUCTION, LLC
FRONTIER 32-23-28 FEDERAL
SITUATED IN SECTION 33, TOWNSHIP 23
SOUTH, RANGE 26 EAST, NEW MEXICO PRIME
MERIDIAN, EDDY COUNTY, NEW MEXICO.

LEGEND

- SECTION LINE
- PROPOSED PAD
- CENTERLINE OF PROPOSED ACCESS ROAD AND EASEMENT
- CENTERLINE OF EXISTING ROAD AND PROPOSED ACCESS EASEMENT
- CENTERLINE OF EXISTING ROAD
- FOUND MONUMENT AS NOTED



558 Bailey Ave., 204 - Port Wier, TX 76167
Ph: 817.549.9900 - Fax: 817.732.5271
TELEX: 179771 FBC INC. Phone: 141335887
www.fbcinc.com

DATE: 08-30-2014
DRAWN BY: JMB
CHECKED BY: DM
FIELD CREW: BJC/D
PROJECT NO: 2014041047
SCALE: 1" = 400'
SHEET: 1 OF 1
REVISION: