

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTCarlsbad Field Office  
OCD ArtesiaFORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018Form No.  
NMNM29273**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.***SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No. HAWK 8 P FEDERAL 55
2. Name of Operator LIME ROCK RESOURCES II A LP Contact: ERIC MCCLUSKY E-Mail: emcclusky@limerockresources.com		9. API Well No. 30-015-43722-00-X1
3a. Address 1111 BAGBY STREET SUITE 4600 HOUSTON, TX 77002	3b. Phone No. (include area code) Ph: 713-360-5714	10. Field and Pool or Exploratory Area RED LAKE
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 8 T18S R27E SESE 995FSL 740FEL		11. County or Parish, State EDDY COUNTY, NM

**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
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Change to Original APD
	<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 recompleat 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 recompleat 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.

Well was originally approved as a directional well with SHL @ 995 FSL & 740 FEL and BHL @ 980 FSL & 980 FEL.

SHL has moved to 15' south to 980 FSL & 740 FEL and well will now be drilled vertical with BHL @ 980 FSL & 740 FEL.

Pad and road have not yet been built.

**NM OIL CONSERVATION**  
ARTESIA DISTRICT

SEP 11 2017

- 8/31/2017: Engineering review completed by mHague.  
All previous COAN still apply.

Same COANS apply  
DOI-BLM-NM-P20-2016-1062 EA  
RECEIVED

OK Per Bel Ballal 8-22-2017

No new surface disturbance

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

Electronic Submission #364548 verified by the BLM Well Information System

For LIME ROCK RESOURCES II A LP, sent to the Carlsbad

Committed to AFMSS for processing by PRISCILLA PEREZ on 01/31/2017 (17PP0110SE)


Name (Printed/Typed) BRIAN WOOD

Title CONSULTANT

Signature (Electronic Submission)

Date 01/23/2017

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

Approved By 	Title AFM - L & M	Date 8/31/17
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 CFO

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.

(Instructions on page 2)

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*

RWP 9-13-17

District I  
1625 N. French Dr., Hobbs, NM 88240  
Phone: (505) 393-6161 Fax: (505) 393-0720  
District II  
811 S. First St., Artesia, NM 88210  
Phone: (505) 748-1283 Fax: (505) 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

**NM OIL CONSERVATION**

ARTESIA DISTRICT

Form C-102

Revised August 1, 2011

Submit one copy to appropriate

District Office

**RECEIVED**

☐ AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

<sup>1</sup> API Number	<sup>2</sup> Pool Code	<sup>3</sup> Pool Name
<sup>4</sup> Property Code	<sup>5</sup> Property Name <b>HAWK 8P FEDERAL</b>	
		<sup>6</sup> Well Number <b>55</b>
<sup>7</sup> OGRID No. <b>277558</b>	<sup>8</sup> Operator Name <b>LIME ROCK RESOURCES II-A, L.P.</b>	
		<sup>9</sup> Elevation <b>3461.8</b>

**" Surface Location**

UL or lot no. <b>P</b>	Section <b>8</b>	Township <b>18 S</b>	Range <b>27 E</b>	Lot Idn	Feet from the <b>980</b>	North/South line <b>SOUTH</b>	Feet from the <b>740</b>	East/West line <b>EAST</b>	County <b>EDDY</b>
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**" Bottom Hole Location If Different From Surface**

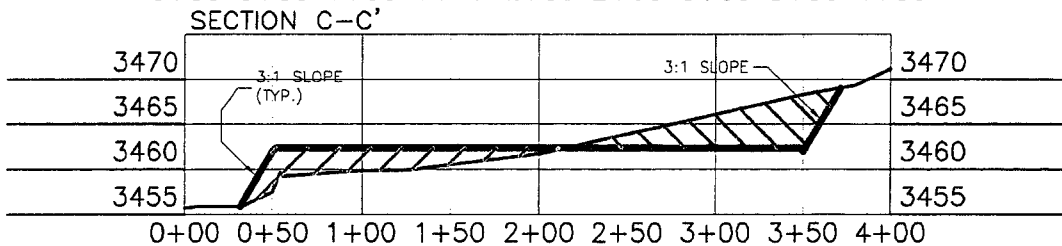
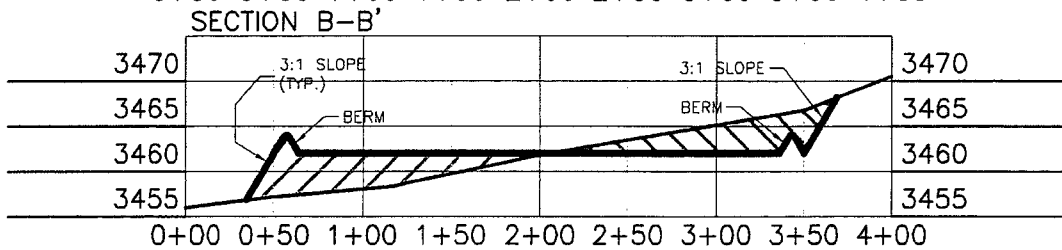
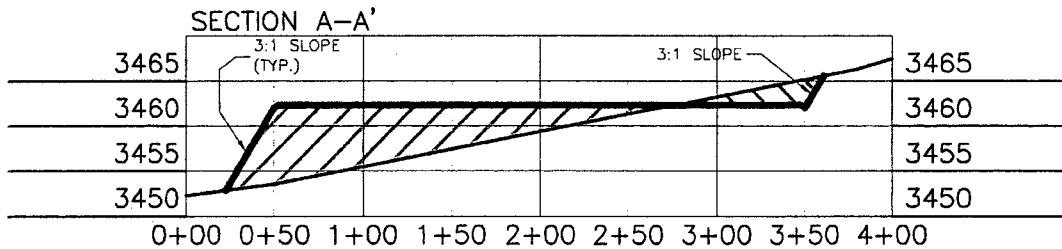
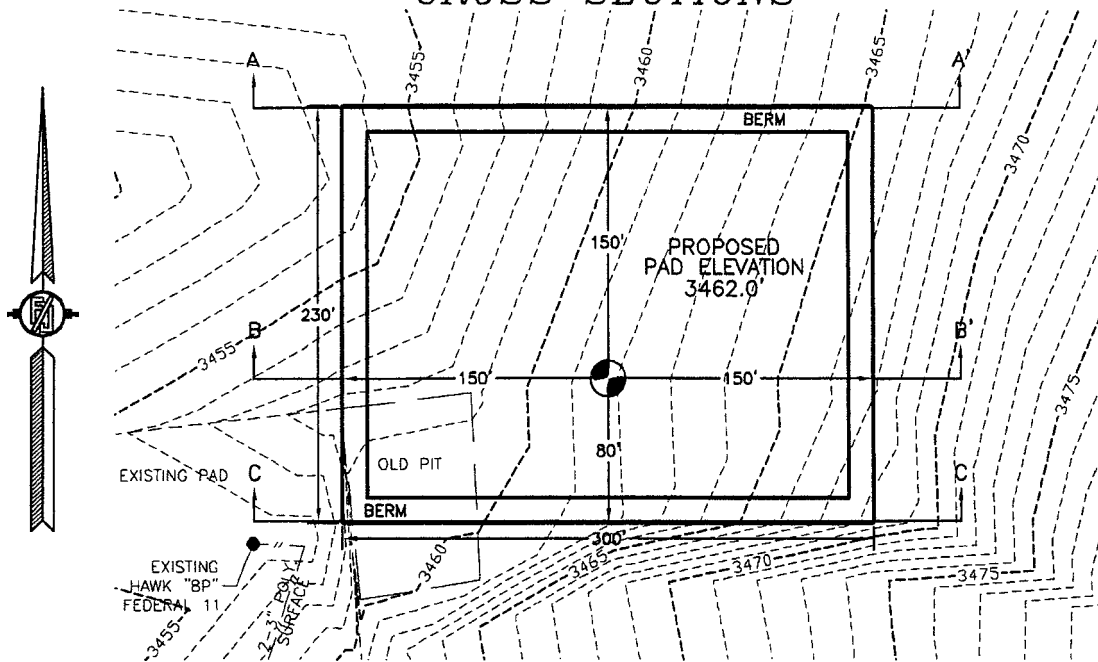
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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<sup>12</sup> Dedicated Acres	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

<p style="text-align: center;">S89°56'24"E 2639.38 FT      S89°56'25"E 2636.52 FT</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>NW CORNER SEC. 8 LAT. = 32.7695498°N LONG. = 104.3091295°W NMSP EAST (FT) N = 643695.09 E = 548777.05</p> </div> <div style="width: 30%;"> <p>N/4 CORNER SEC. 8 LAT. = 32.7695402°N LONG. = 104.3005448°W NMSP EAST (FT) N = 643692.32 E = 551415.74</p> </div> <div style="width: 30%;"> <p>NE CORNER SEC. 8 LAT. = 32.7695301°N LONG. = 104.2919694°W NMSP EAST (FT) N = 643689.57 E = 554051.59</p> </div> </div> <p style="text-align: center;">NOTE: LATITUDE AND LONGITUDE COORDINATES ARE SHOWN USING THE NORTH AMERICAN DATUM OF 1983 (NAD83) LISTED NEW MEXICO STATE PLANE EAST COORDINATES ARE GRID (NAD83). BASIS OF BEARING AND DISTANCES USED ARE NEW MEXICO STATE PLANE EAST COORDINATES, MODIFIED TO THE SURFACE. VERTICAL DATUM: NAVD88.</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>W/4 CORNER SEC. 8 LAT. = 32.7622997°N LONG. = 104.3091424°W NMSP EAST (FT) N = 641057.42 E = 548773.70</p> </div> <div style="width: 30%;"> <p style="text-align: center;"><b>HAWK "8P" FEDERAL 55</b> ELEV. = 3461.8' LAT. = 32.7577863°N (NAD83) LONG. = 104.2944504°W NMSP EAST (FT) N = 639416.72 E = 553290.57</p> </div> <div style="width: 30%;"> <p>E/4 CORNER SEC. 8 LAT. = 32.7623157°N LONG. = 104.2920134°W NMSP EAST (FT) N = 641064.87 E = 554039.09</p> </div> </div> <p style="text-align: center;">SURFACE LOCATION</p> <div style="text-align: center;"> <p>740'</p> <p>980'</p> </div> <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>SW CORNER SEC. 8 LAT. = 32.7550456°N LONG. = 104.3091543°W NMSP EAST (FT) N = 638418.28 E = 548770.65</p> </div> <div style="width: 30%;"> <p>S/4 CORNER SEC. 8 LAT. = 32.7550734°N LONG. = 104.3006071°W NMSP EAST (FT) N = 638429.13 E = 551398.24</p> </div> <div style="width: 30%;"> <p>SE CORNER SEC. 8 LAT. = 32.7551007°N LONG. = 104.2920617°W NMSP EAST (FT) N = 638439.96 E = 554025.27</p> </div> </div> <p style="text-align: center;">S89°45'48"W 2628.29 FT      S89°45'50"W 2627.73 FT</p>	<p style="text-align: center;"><b>" OPERATOR CERTIFICATION</b></p> <p><i>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 leased 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.</i></p> <p>Signature _____ Date _____</p> <p>Printed Name _____</p> <p>E-mail Address _____</p> <p style="text-align: center;"><b>" SURVEYOR CERTIFICATION</b></p> <p><i>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.</i></p> <p>JANUARY 11, 2017</p> <p>Date of Survey _____</p> <p>Signature and Seal of Professional Surveyor _____</p> <p>Certificate Number: HILMON F. JARAMILLO, PLS 12797</p> <p style="text-align: right;">SURVEY NO. 3748A</p>
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# HAWK "8P" FEDERAL 55 CROSS SECTIONS



LIME ROCK RESOURCES II-A, L.P.  
**HAWK "8P" FEDERAL 55**  
 LOCATED 980 FT. FROM THE SOUTH LINE  
 AND 740 FT. FROM THE EAST LINE OF  
 SECTION 8, TOWNSHIP 18 SOUTH,  
 RANGE 27 EAST, N.M.P.M.  
 EDDY COUNTY, STATE OF NEW MEXICO

010 50 100 200  
 SCALE 1" = 100' HORZ.  
 SCALE 1" = 20' VER.

CUT	FILL	NET
2902 CU. YD	6334 CU. YD	3432 CU. YD (FILL)

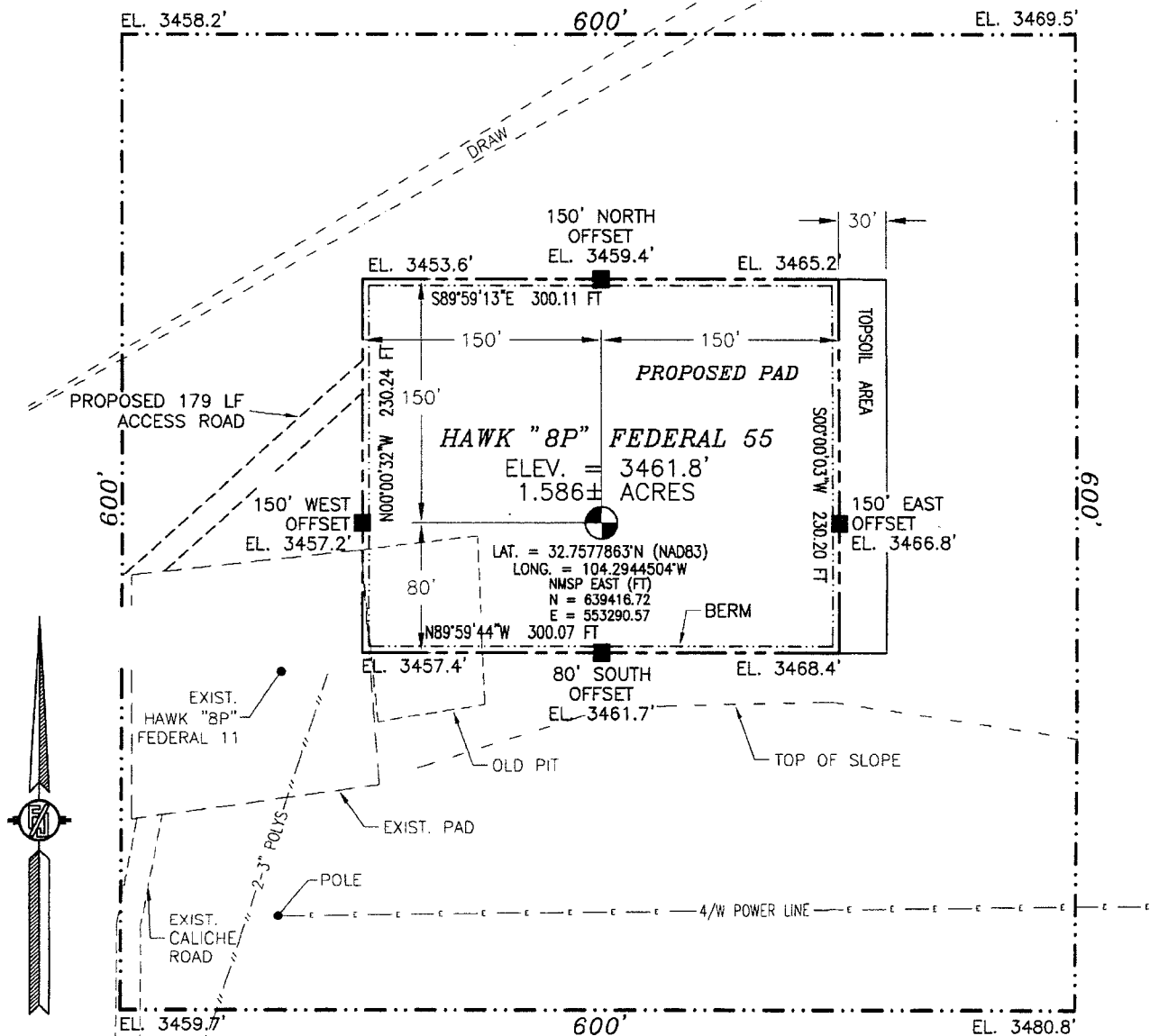
EARTHWORK QUANTITIES ARE ESTIMATED

JANUARY 11, 2017  
**MADRON SURVEYING, INC.** 301 SOUTH CANAL (575) 234-3341 **CARLSBAD, NEW MEXICO**

SURVEY NO. 3748A

SECTION 8, TOWNSHIP 18 SOUTH, RANGE 27 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO  
**SITE MAP**

NOTE: LATITUDE AND LONGITUDE COORDINATES ARE SHOWN USING THE NORTH AMERICAN DATUM OF 1983 (NAD83) LISTED NEW MEXICO STATE PLANE EAST COORDINATES ARE GRID (NAD83). BASIS OF BEARING AND DISTANCES USED ARE NEW MEXICO STATE PLANE EAST COORDINATES MODIFIED TO THE SURFACE. VERTICAL DATUM NAVD88.



010 50 100 200  
SCALE 1" = 100'

**DIRECTIONS TO LOCATION**

FROM CR 225 (EMPIRE) AND CR 227 (LITTLE DIAMOND) GO SOUTHWEST ON CR 227 1.93 MILES, TURN LEFT ON CALICHE ROAD AND GO SOUTH-SOUTHEAST 0.32 OF A MILE, TURN RIGHT AND GO SOUTHWEST 0.23 OF A MILE, BEND LEFT AND GO SOUTH 0.16 OF A MILE, TURN RIGHT AND GO WEST 0.2 OF A MILE, TURN LEFT AND GO SOUTH-SOUTHWEST 0.5 OF A MILE, TURN RIGHT AND GO WEST 0.2 OF A MILE, TURN RIGHT AND GO NORTH 295' TO EXISTING PAD, FROM THE NORTHWEST PAD CORNER FOLLOW PROPOSED ROAD SURVEY FLAGS NORTHEAST 179' TO THE PROPOSED NORTHWEST PAD CORNER FOR THIS LOCATION.

LIME ROCK RESOURCES II-A, L.P.  
**HAWK "8P" FEDERAL 55**  
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AND 740 FT. FROM THE EAST LINE OF  
SECTION 8, TOWNSHIP 18 SOUTH,  
RANGE 27 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO

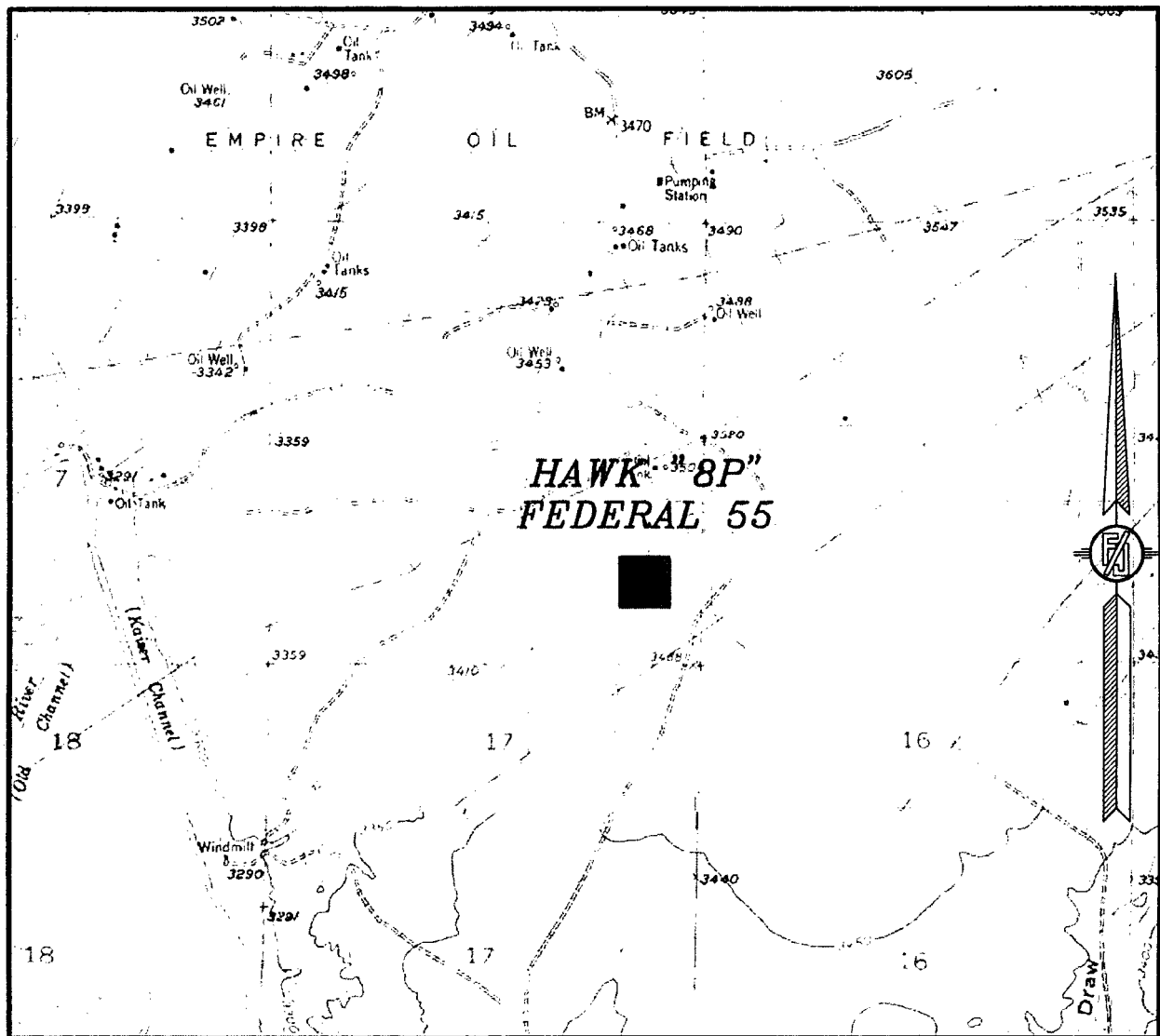
JANUARY 11, 2017

SURVEY NO. 3748A

MADRON SURVEYING, INC. 301 SOUTH CANAL  
(575) 234-3341

CARLSBAD, NEW MEXICO

SECTION 8, TOWNSHIP 18 SOUTH, RANGE 27 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO  
LOCATION VERIFICATION MAP



USGS QUAD MAP:  
SPRING LAKE

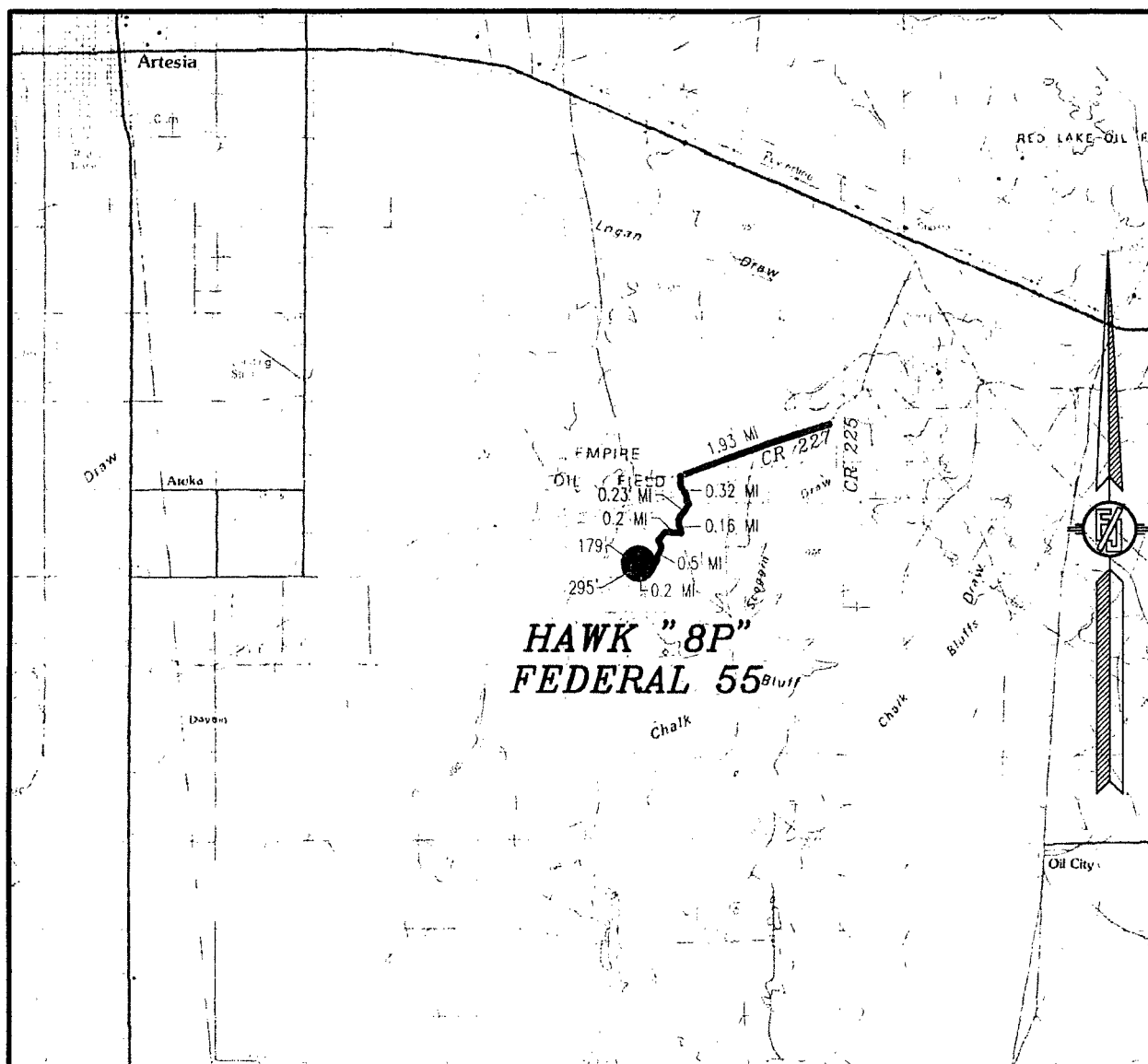
NOT TO SCALE

LIME ROCK RESOURCES II-A, L.P.  
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EDDY COUNTY, STATE OF NEW MEXICO

JANUARY 11, 2017

MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 234-3341 CARLSBAD, NEW MEXICO SURVEY NO. 3748A

SECTION 8, TOWNSHIP 18 SOUTH, RANGE 27 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO  
VICINITY MAP



DISTANCES IN MILES

NOT TO SCALE

**DIRECTIONS TO LOCATION**

FROM CR 225 (EMPIRE) AND CR 227 (LITTLE DIAMOND) GO  
SOUTHWEST ON CR 227 1.93 MILES, TURN LEFT ON CALICHE ROAD  
AND GO SOUTH-SOUTHEAST 0.32 OF A MILE, TURN RIGHT AND GO  
SOUTHWEST 0.23 OF A MILE, BEND LEFT AND GO SOUTH 0.16 OF A  
MILE, TURN RIGHT AND GO WEST 0.2 OF A MILE, TURN LEFT AND GO  
SOUTH-SOUTHWEST 0.5 OF A MILE, TURN RIGHT AND GO WEST 0.2  
OF A MILE, TURN RIGHT AND GO NORTH 295° TO EXISTING PAD,  
FROM THE NORTHWEST PAD CORNER FOLLOW PROPOSED ROAD  
SURVEY FLAGS NORTH 179° TO THE PROPOSED NORTHWEST PAD  
CORNER FOR THIS LOCATION.

LIME ROCK RESOURCES II-A, L.P.  
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JANUARY 11, 2017

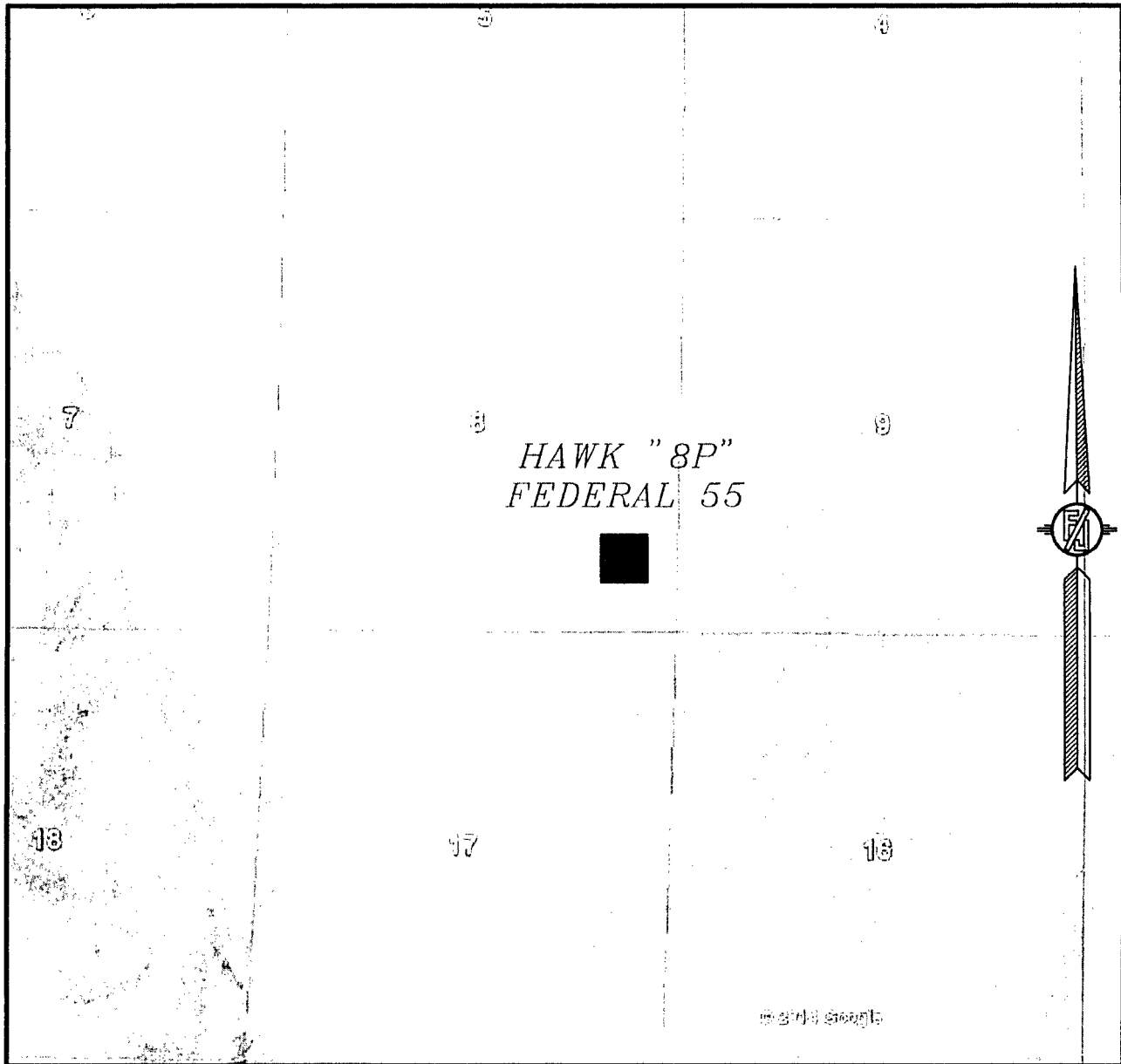
SURVEY NO. 3748A

MADRON SURVEYING, INC.

301 SOUTH CANAL  
(575) 234-3341

CARLSBAD, NEW MEXICO

SECTION 8, TOWNSHIP 18 SOUTH, RANGE 27 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO  
AERIAL PHOTO



NOT TO SCALE  
AERIAL PHOTO:  
GOOGLE EARTH  
MAY 2014

*LIME ROCK RESOURCES II-A, L.P.*

*HAWK "8P" FEDERAL 55*

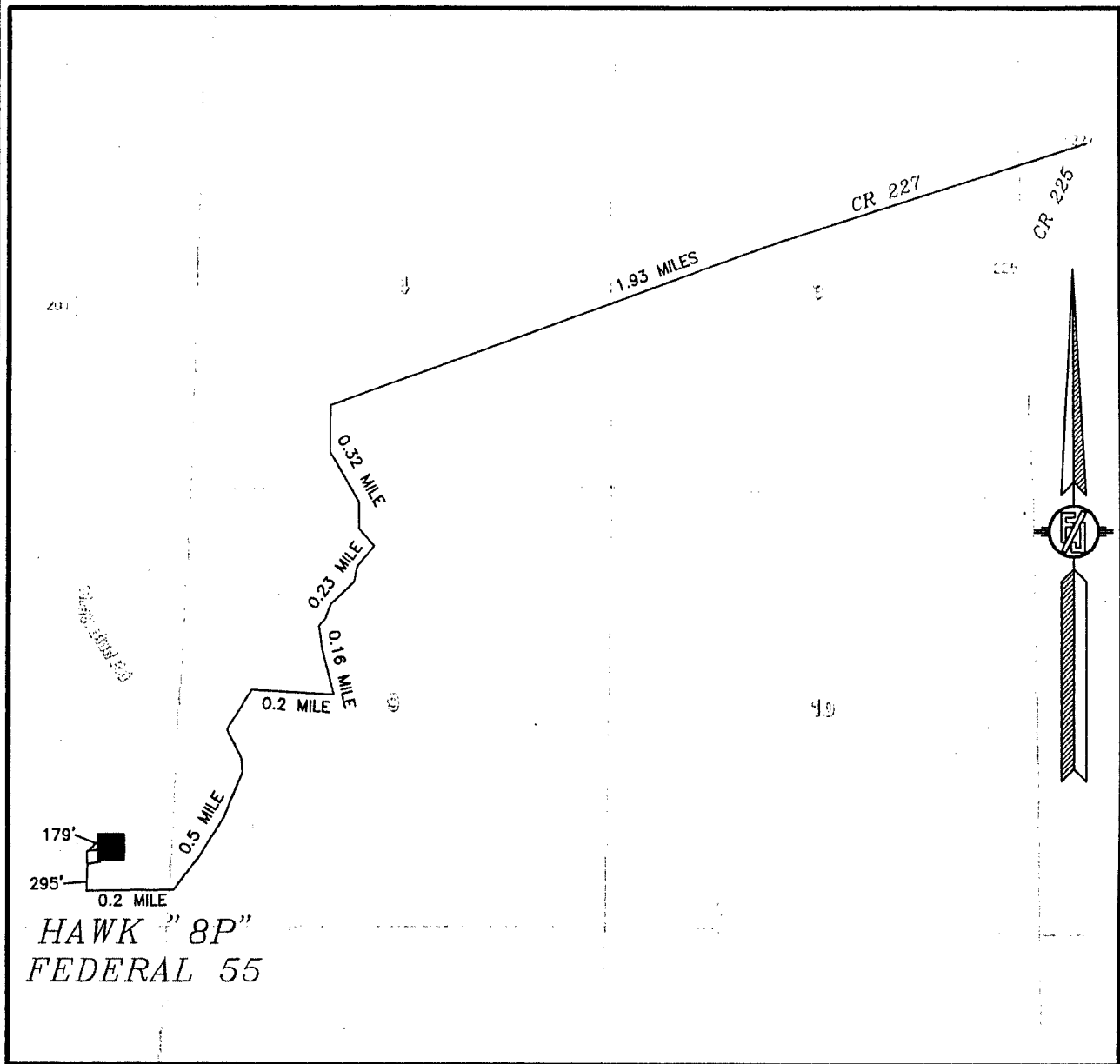
*LOCATED 980 FT. FROM THE SOUTH LINE  
AND 740 FT. FROM THE EAST LINE OF  
SECTION 8, TOWNSHIP 18 SOUTH,  
RANGE 27 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO*

*JANUARY 11, 2017*

*SURVEY NO. 3748A*

*MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 234-3341 CARLSBAD, NEW MEXICO*

SECTION 8, TOWNSHIP 18 SOUTH, RANGE 27 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO  
ACCESS AERIAL ROUTE MAP



NOT TO SCALE  
AERIAL PHOTO:  
GOOGLE EARTH  
MAY 2015

LIME ROCK RESOURCES II-A, L.P.

**HAWK "8P" FEDERAL 55**

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JANUARY 11, 2017

SURVEY NO. 3748A

MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 234-3341 CARLSBAD, NEW MEXICO