

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018

Carlsbad Field Office
CD Artesia

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.

Form No.
NMNM29273

| | | |
|--|---|--|
| SUBMIT IN TRIPLICATE - Other instructions on page 2 | | 6. If Indian, Allottee or Tribe Name |
| | | 7. If Unit or CA/Agreement, Name and/or No. |
| 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 recomplete 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 recompletion 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 will apply.

RECEIVED
Some COANS APPLY
DOI- BLM- Nm P020- 2016- 1062 EA
NO new surface disturbance

OK Per Bel Ballal 8-22-2017

| | |
|---|------------------|
| 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 <i>[Signature]</i> | Title <i>RFM - L & M</i> | Date <i>8/31/17</i> |
| 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 <i>CFD</i> |

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 **

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. Firat 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

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

" Surface Location

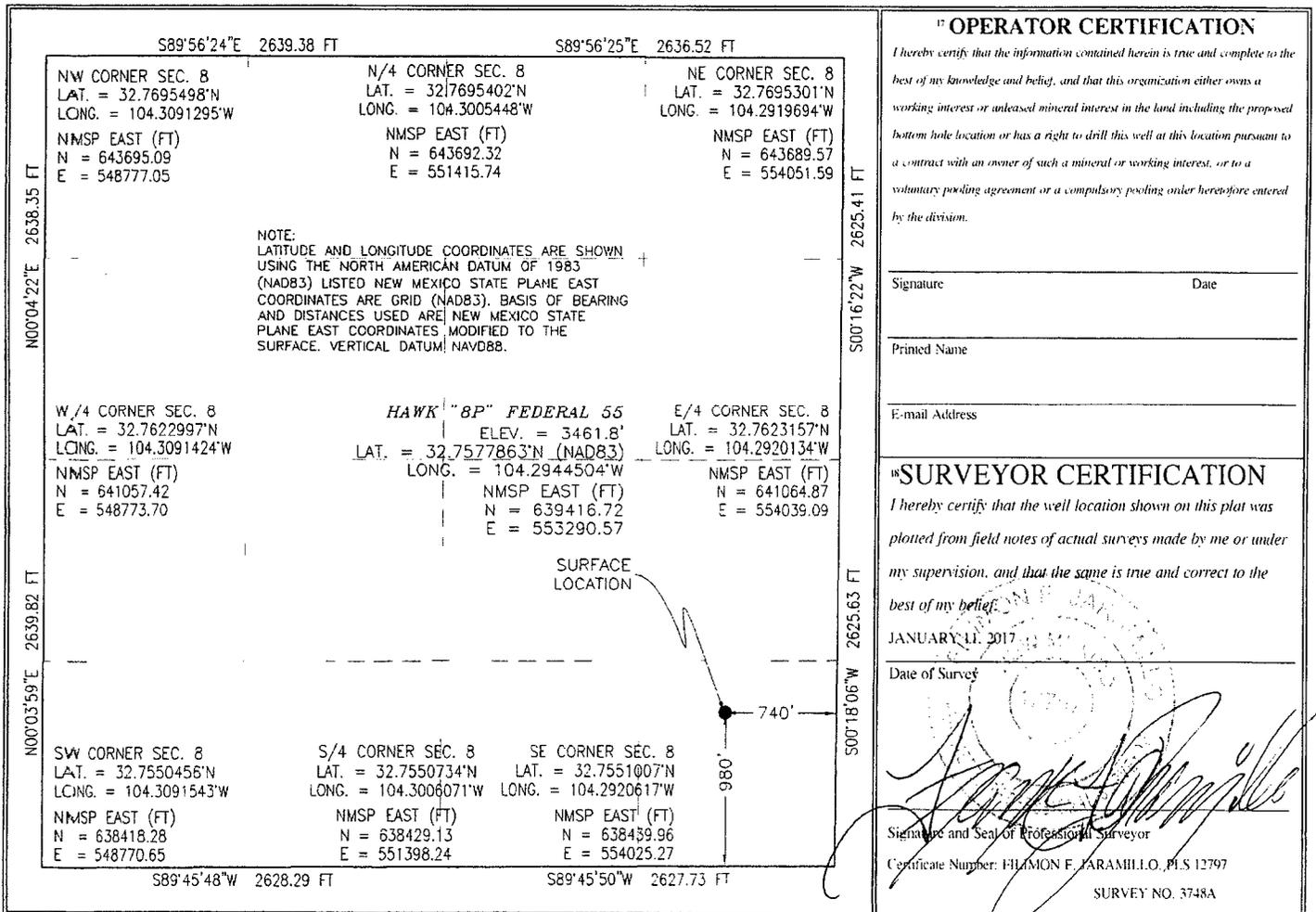
| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|----------|-------------|-------------|---------|---------------|------------------|---------------|----------------|-------------|
| P | 8 | 18 S | 27 E | | 980 | SOUTH | 740 | EAST | EDDY |

" Bottom Hole Location If Different From Surface

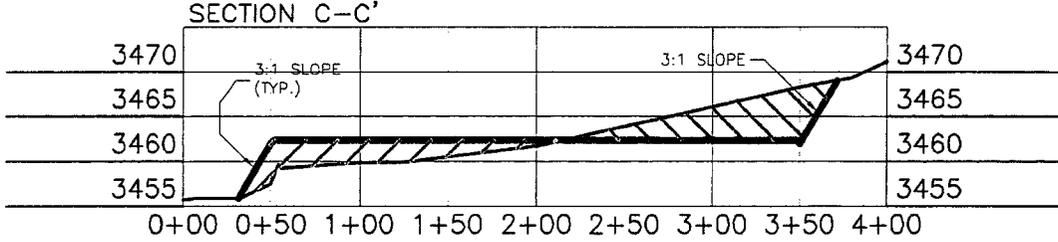
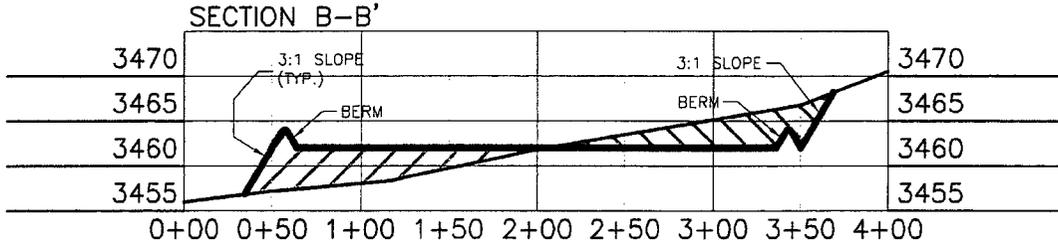
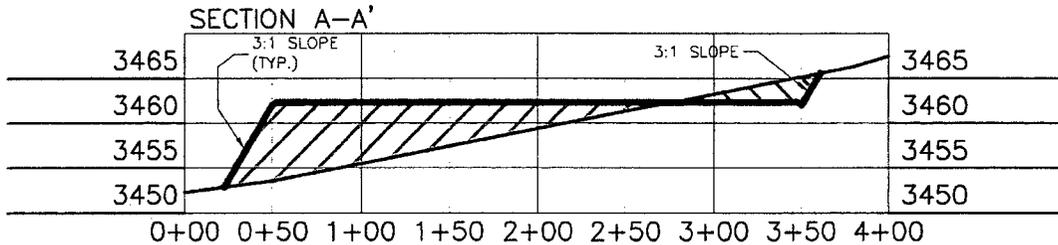
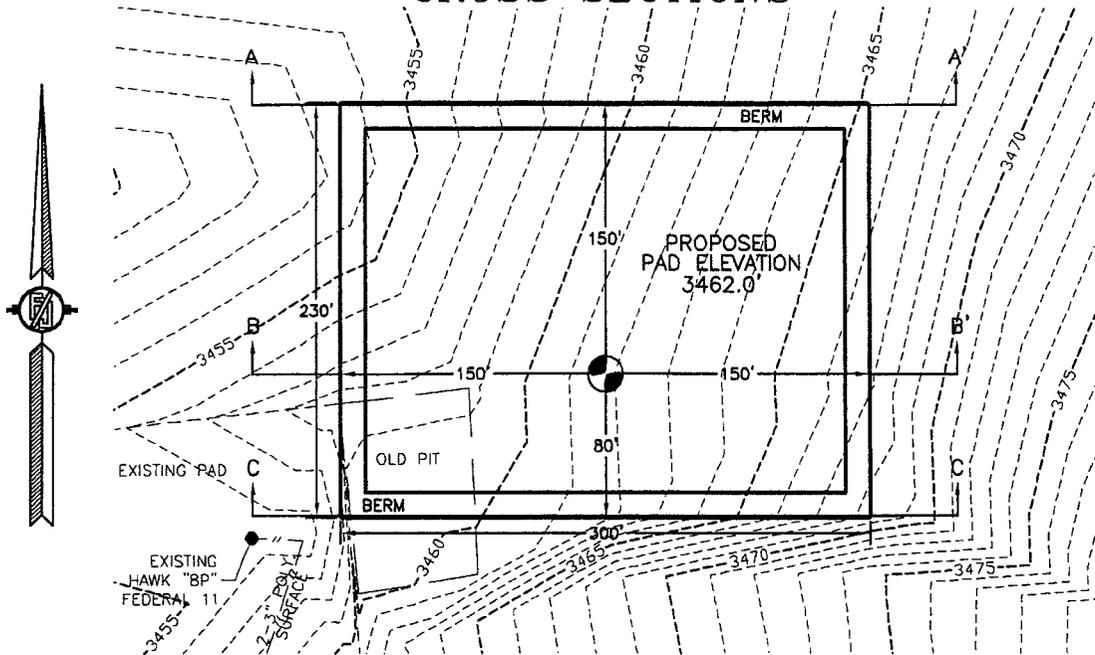
| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| | | | | | | | | | |

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

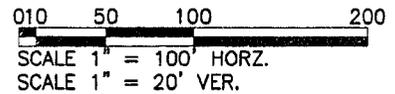
No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



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



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

EARTHWORK QUANTITIES ARE ESTIMATED

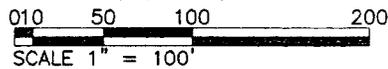
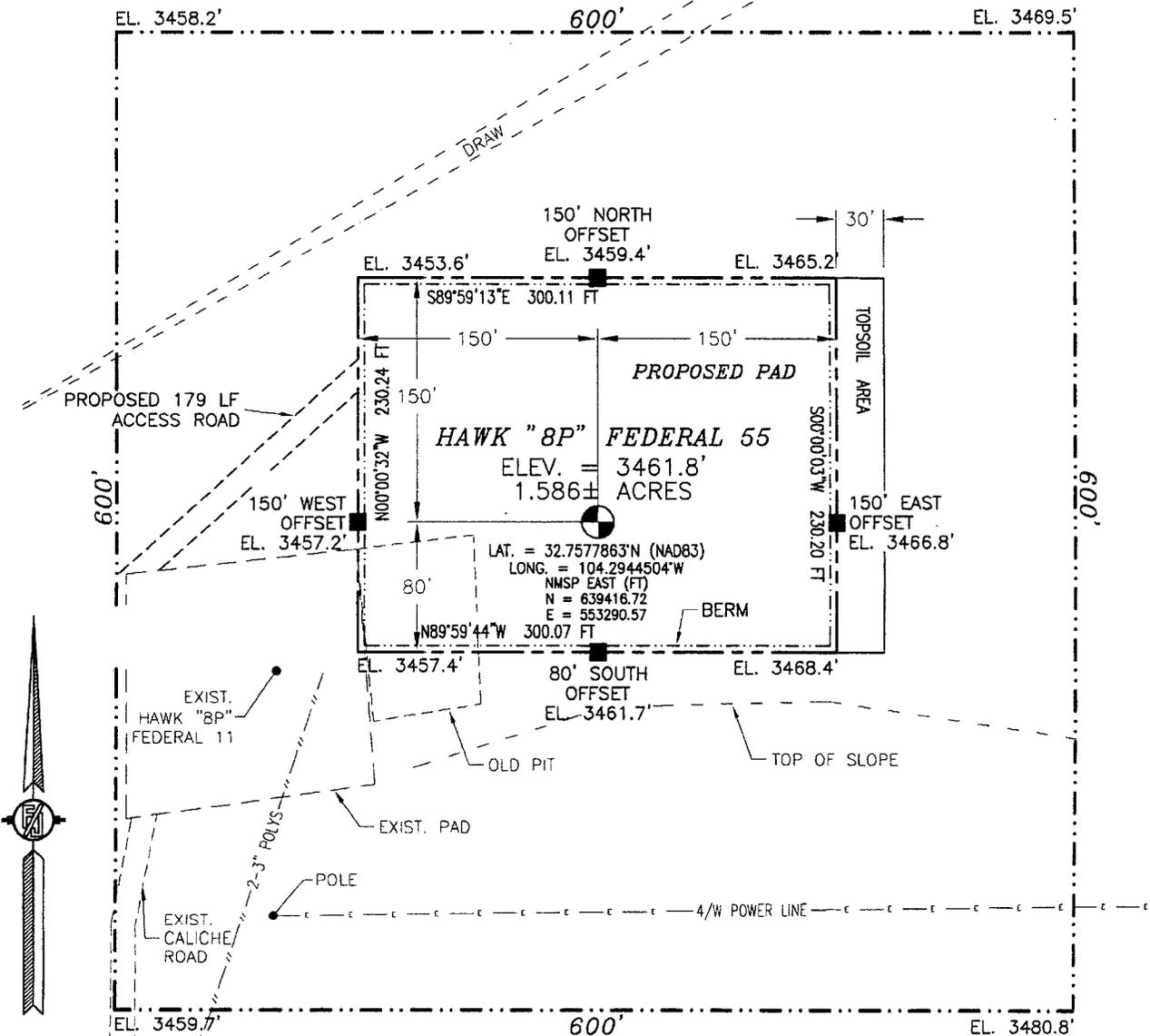
JANUARY 11, 2017

SURVEY NO. 3748A

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

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.



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.

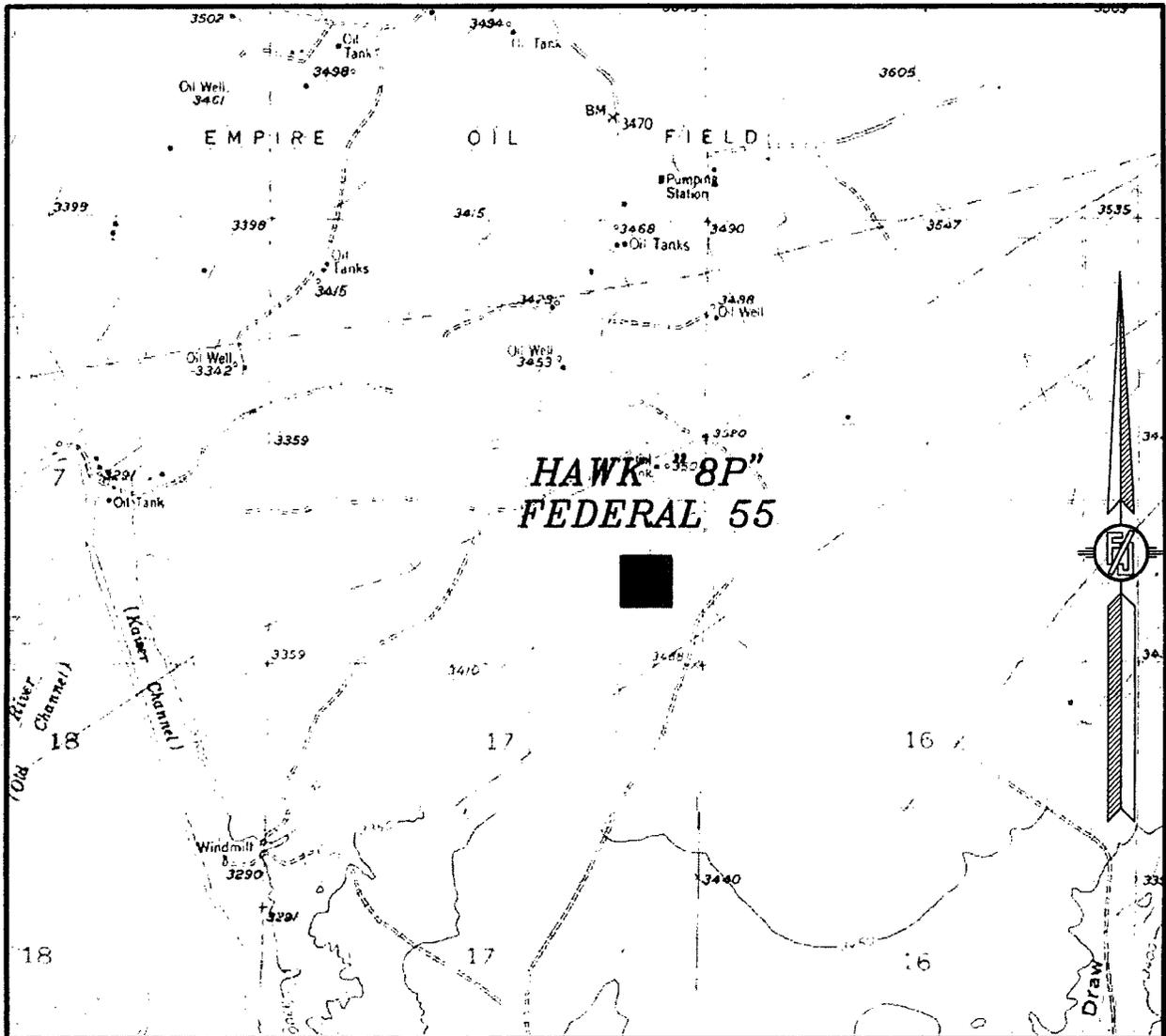
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SECTION 8, TOWNSHIP 18 SOUTH, RANGE 27 EAST, N.M.P.M.
 EDDY COUNTY, STATE OF NEW MEXICO
 LOCATION VERIFICATION MAP



USGS QUAD MAP:
 SPRING LAKE

NOT TO SCALE

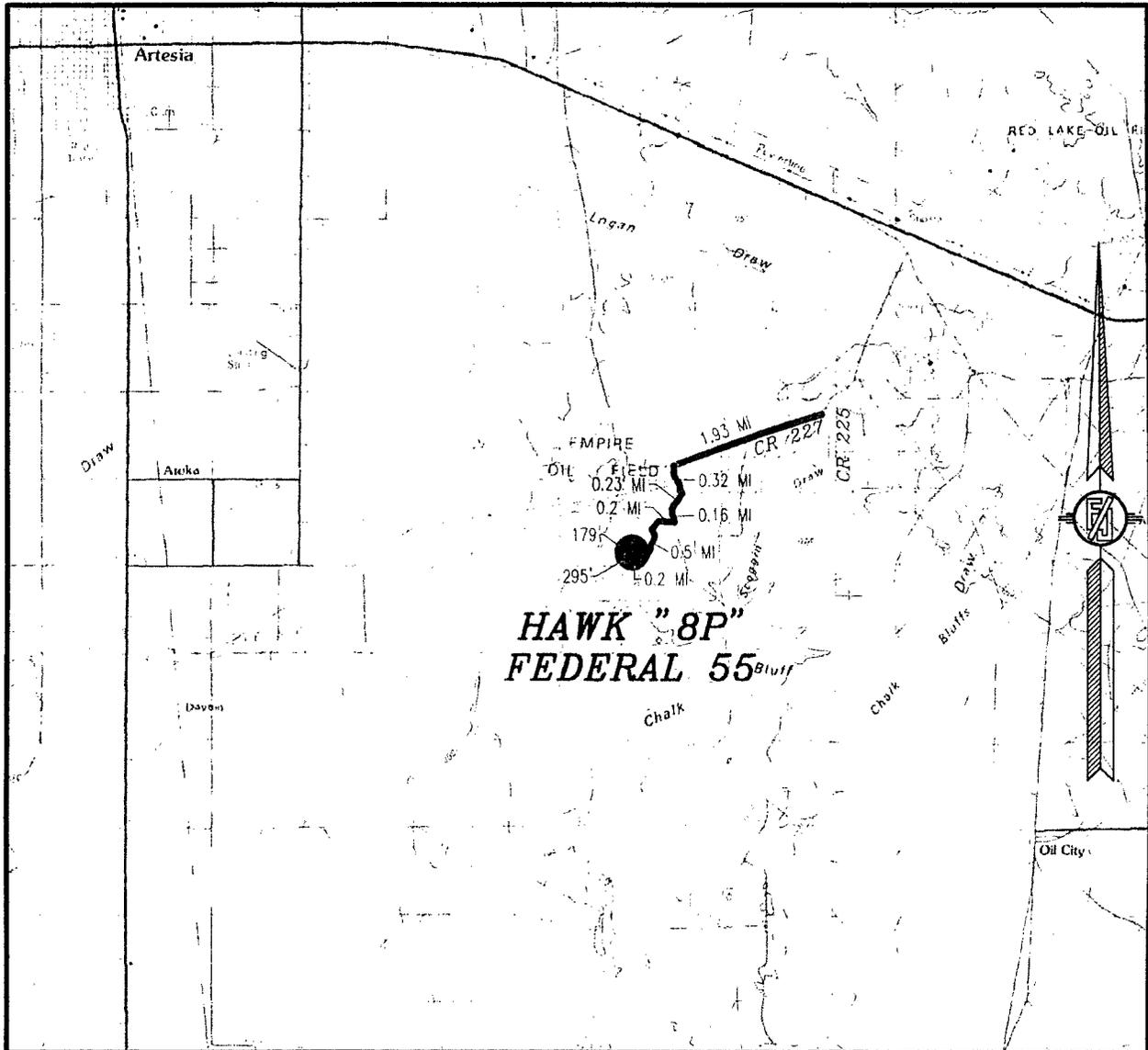
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SECTION 8, TOWNSHIP 18 SOUTH, RANGE 27 EAST, N.M.P.M.
 EDDY COUNTY, STATE OF NEW MEXICO
 VICINITY MAP



DISTANCES IN MILES

NOT TO SCALE

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 EDDY COUNTY, STATE OF NEW MEXICO

DIRECTIONS TO LOCATION

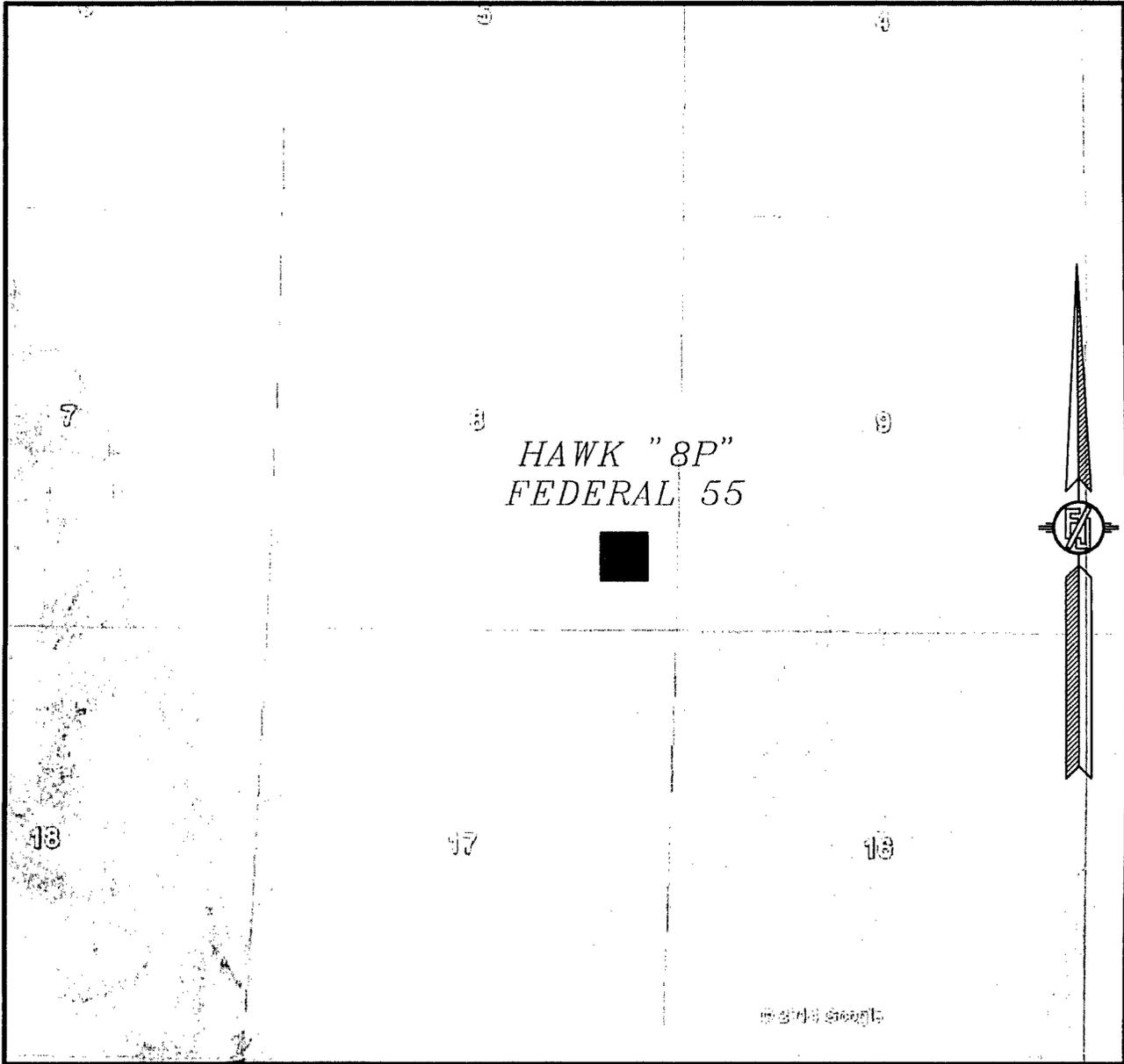
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SECTION 8, TOWNSHIP 18 SOUTH, RANGE 27 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO
AERIAL PHOTO



NOT TO SCALE
AERIAL PHOTO:
GOOGLE EARTH
MAY 2014

LIME ROCK RESOURCES II-A, L.P.
HAWK "8P" FEDERAL 55

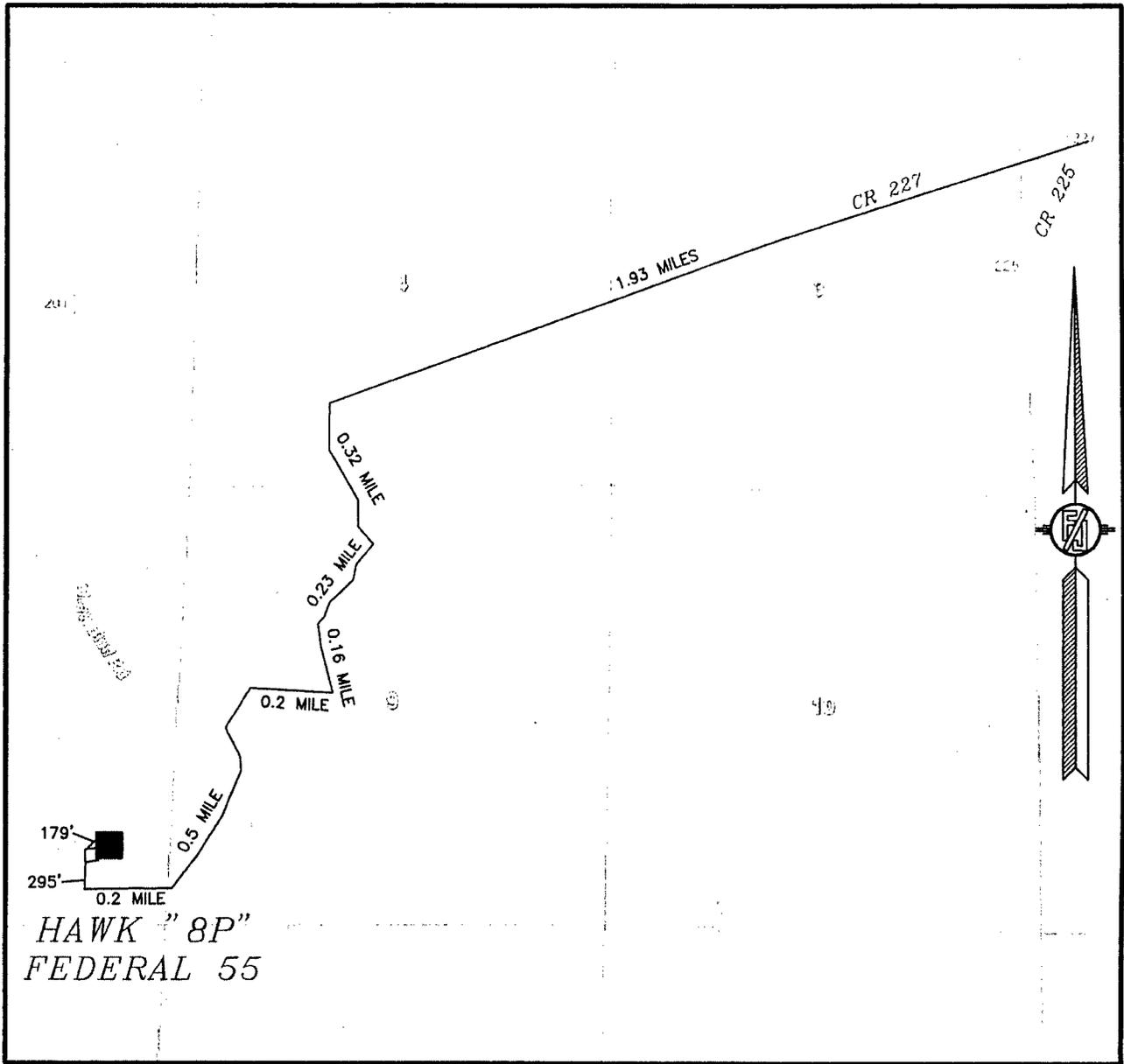
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SECTION 8, TOWNSHIP 18 SOUTH, RANGE 27 EAST, N.M.P.M.
 EDDY COUNTY, STATE OF NEW MEXICO
 ACCESS AERIAL ROUTE MAP



HAWK "8P"
 FEDERAL 55

NOT TO SCALE
 AERIAL PHOTO:
 GOOGLE EARTH
 MAY 2015

LIME ROCK RESOURCES II-A, L.P.

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