

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Carlsbad Field Office
OCD Artesia

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

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

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

LIME ROCK RESOURCES II-A, L. P.

3a. Address 1111 BAGBY, SUITE 4600
HOUSTON TX 77002

3b. Phone No. (include area code)
(713) 292-9528

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
305' FSL & 920' FEL 5-18S-27E NMPM

5. Lease Serial No. NMLC-055383A

6. If Indian, Allottee or Tribe Name
N/A

7. If Unit of CA/Agreement, Name and/or No.
N/A

8. Well Name and No. COMPTON 5 P FEDERAL 5

9. API Well No. 30-015- 43778

10. Field and Pool or Exploratory Area
RED LAKE; GLORIETA-YESO, NE

11. Country or Parish, State
EDDY COUNTY, NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Hydraulic Fracturing

☐ New Construction

☐ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☒ Other

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 recompleate 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 recompleation 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 has moved 25' south and 5' west of its original location (330 FSL & 915 FEL) due to surface use concerns at on site on 11-10-15.
Revised surface use plan is attached.
No change in drilling plan.

RECEIVED

MAY 31 2018

DISTRICT II-ARTESIA O.C.D.



OK Per Bob Bellard DOT- BLM-NM-P020-2016-1467-DNA

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

BRIAN WOOD (505 466-8120)

CONSULTANT

Title

Signature

Date

11/25/2015

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

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

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.

LAND MONT
FIELD OFFICE

JUL -7 PM 3:57

RECEIVED

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) 748-1293 Fax: (505) 748-9720
District III
1000 Rio Hrazos 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
Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-		² Pool Code 96836		³ Pool Name Red Lake; Glorieta-Yeso, Northeast	
⁴ Property Code 39948		⁵ Property Name COMPTON 5P FEDERAL			⁶ Well Number 5
⁷ OGRID No. 277558		⁸ Operator Name LIME ROCK RESOURCES II-A, L.P.			⁹ Elevation 3485.6

" 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	5	18 S	27 E		305	SOUTH	920	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

¹⁰ Dedicated Acres 40	¹¹ Joint or Infill	¹² Consolidation Code	¹³ 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>S88°31'31"E 2634.91 FT</p> <p>NW CORNER SEC. 5 LAT. = 32.7839365°N LONG. = 104.3087806°W</p> <p>NMSP EAST (FT) N = 648907.93 E = 507545.76</p>		<p>S88°29'37"E 2633.62 FT</p> <p>N/4 CORNER SEC. 5 LAT. = 32.7837481°N LONG. = 104.3002122°W</p> <p>NMSP EAST (FT) N = 648840.12 E = 510179.09</p>		<p>NE CORNER SEC. 5 LAT. = 32.7835552°N LONG. = 104.2916482°W</p> <p>NMSP EAST (FT) N = 648770.89 E = 512811.08</p>	
<p>W/4 CORNER SEC. 5 LAT. = 32.7766330°N LONG. = 104.3087003°W</p> <p>NMSP EAST (FT) N = 646250.92 E = 507571.05</p>		<p>E/4 CORNER SEC. 5 LAT. = 32.7764465°N LONG. = 104.2915527°W</p> <p>NMSP EAST (FT) N = 646184.72 E = 512841.46</p>			
<p>NOTE: LATITUDE AND LONGITUDE COORDINATES ARE SHOWN USING THE NORTH AMERICAN DATUM OF 1927 (NAD27). LISTED NEW MEXICO STATE PLANE EAST COORDINATES ARE GRID (NAD27). BASIS OF BEARING AND DISTANCES USED ARE NEW MEXICO STATE PLANE EAST (NAD83) COORDINATES MODIFIED TO THE SURFACE.</p>					
<p>COMPTON "5P" FEDERAL #5 ELEV. = 3485.6' LAT. = 32.7702574°N (NAD27) LONG. = 104.2944593°W NMSP EAST (FT) N = 643932.78 E = 511948.93</p>					
<p>SW CORNER SEC. 5 LAT. = 32.7694355°N LONG. = 104.3086145°W</p> <p>NMSP EAST (FT) N = 643632.46 E = 507598.04</p>		<p>S/4 CORNER SEC. 5 LAT. = 32.7694258°N LONG. = 104.3000301°W</p> <p>NMSP EAST (FT) N = 643629.68 E = 510236.70</p>		<p>SE CORNER SEC. 5 LAT. = 32.7694156°N LONG. = 104.2914549°W</p> <p>NMSP EAST (FT) N = 643626.91 E = 512872.51</p>	
<p>SURFACE LOCATION 305' 920'</p>					

" 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.

11-25-15

Signature: *Brian Wood* Date: _____

Printed Name: **Brian Wood**

E-mail Address: **brian@permitswest.com**

"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.

NOVEMBER 10, 2015

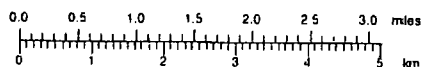
Date of Survey: _____

Signature and Seal of Registered Surveyor: *[Signature]*

Certificate Number: FIDELONTS-PARAMILLO, PLS 12797

SURVEY NO. 3739A

104.41687° W	104.40000° W	104.38333° W	104.36667° W	104.35000° W	104.33333° W	104.31687° W	104.30000° W	104.28333° W	104.26687° W	WGS84 104.23333° W
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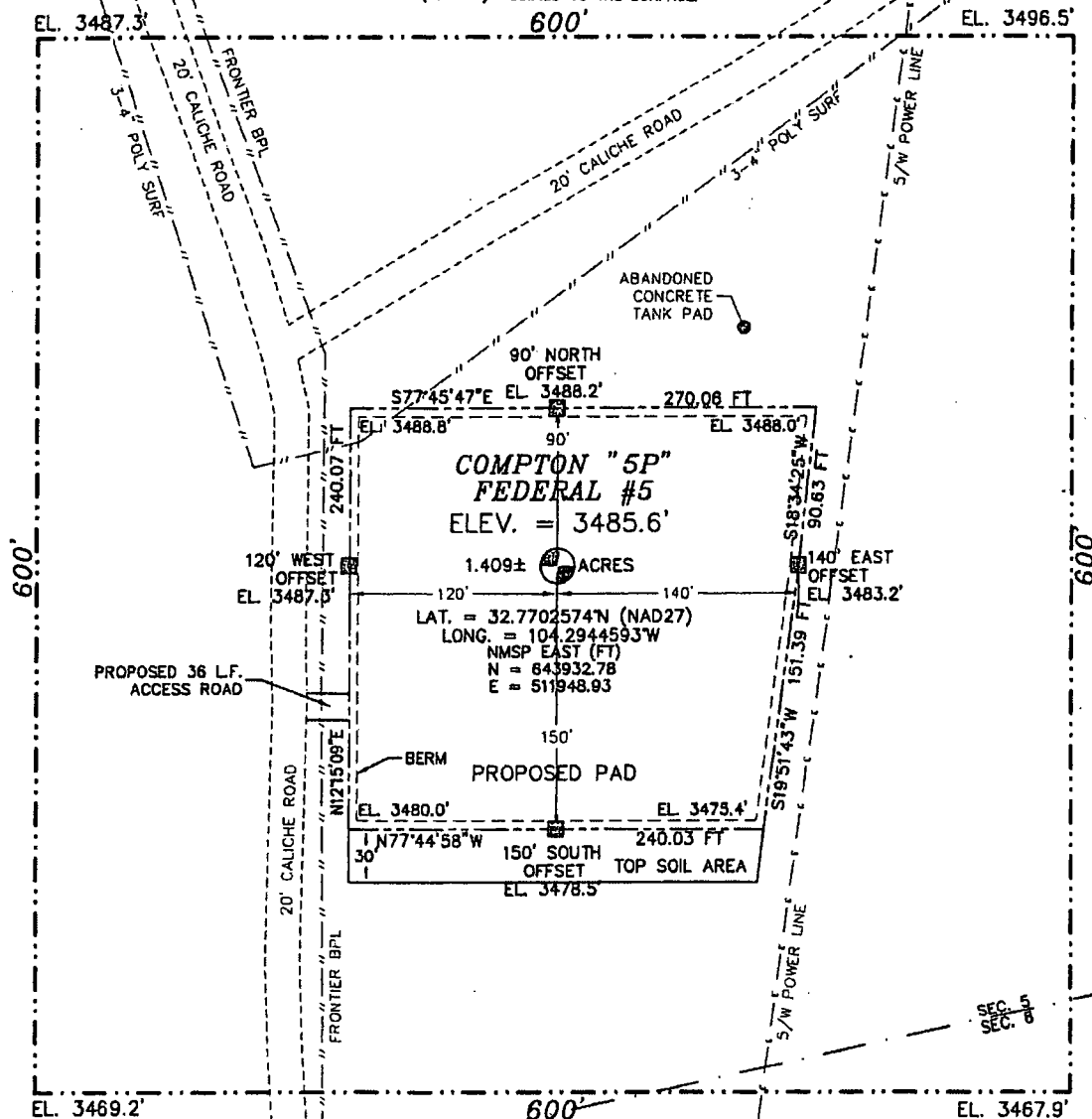


TN * MN
8°
03/10/13

SECTION 5, TOWNSHIP 18 SOUTH, RANGE 27 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO
SITE MAP

MAP 4

NOTE: LATITUDE AND LONGITUDE COORDINATES ARE SHOWN USING THE NORTH AMERICAN DATUM OF 1927 (NAD27). LISTED NEW MEXICO STATE PLANE EAST COORDINATES ARE GRID (NAD27). BASIS OF BEARING AND DISTANCES USED ARE NEW MEXICO STATE PLANE EAST COORDINATES (NAD 83) MODIFIED TO THE SURFACE.



010 50 100 200

SCALE 1" = 100'

DIRECTIONS TO LOCATION

FROM CR. #201, CR. #227 AND CALICHE LEASE ROAD GO SOUTH ON CALICHE ROAD 580' TO "Y" IN THE ROAD AND FOLLOW PROPOSED ROAD SURVEY FLAGS SOUTHEAST 36' TO THE PROPOSED WEST EDGE OF PAD FOR THIS LOCATION.

LIME ROCK RESOURCES II-A, L.P.
COMPTON "5P" FEDERAL #5
LOCATED 305 FT. FROM THE SOUTH LINE
AND 920 FT. FROM THE EAST LINE OF
SECTION 5, TOWNSHIP 18 SOUTH,
RANGE 27 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO

NOVEMBER 10, 2015

SURVEY NO. 3739A

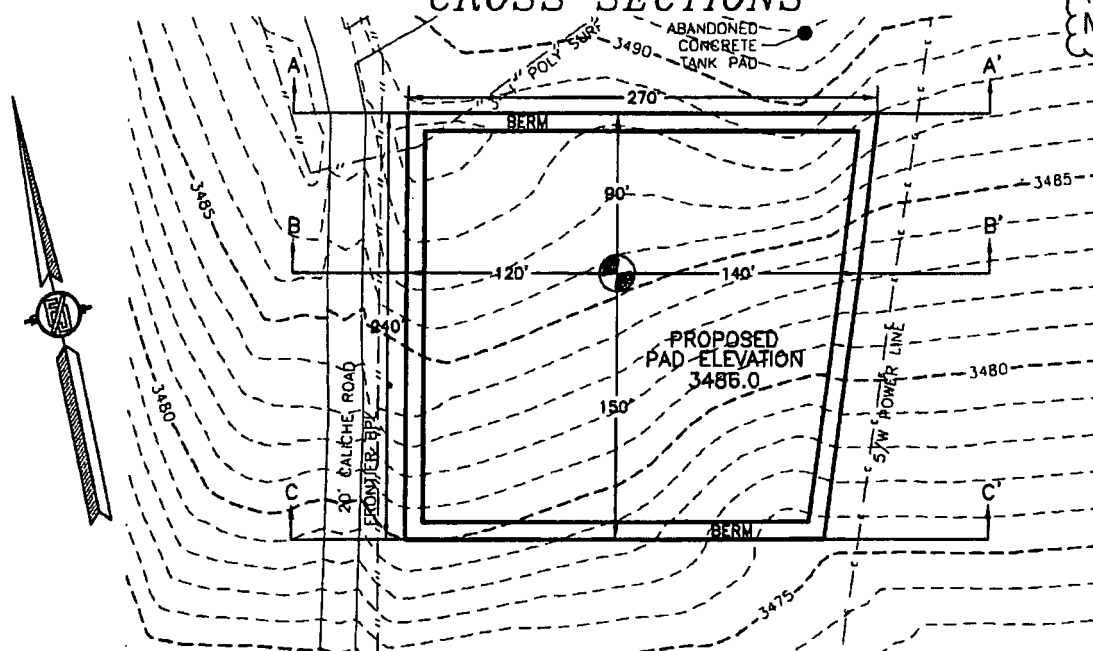
MADRON SURVEYING, INC.

301 SOUTH CANAL
(575) 234-3341

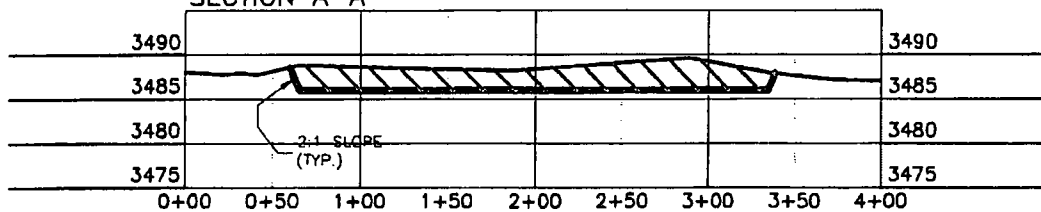
CARLSBAD, NEW MEXICO

COMPTON "5P" FEDERAL #5 CROSS SECTIONS

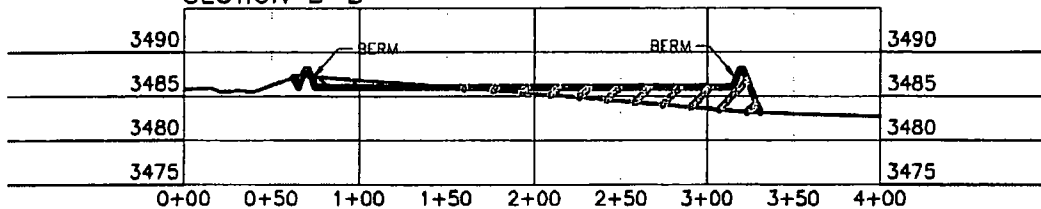
MAP 4.1



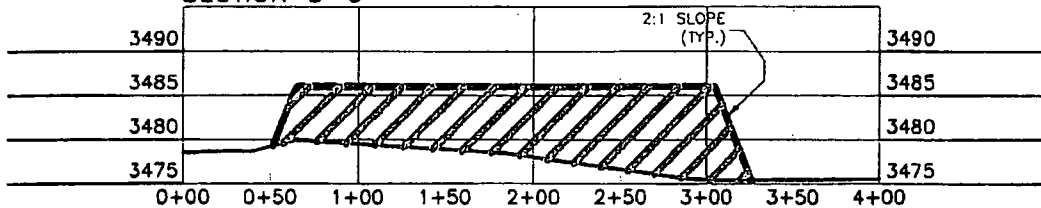
SECTION A-A'



SECTION B-B'



SECTION C-C'



LIME ROCK RESOURCES II-A, L.P.
COMPTON "6P" FEDERAL #6
LOCATED 305 FT. FROM THE SOUTH LINE
AND 920 FT. FROM THE EAST LINE OF
SECTION 5, 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
1208 CU. YD	7494 CU. YD	6286 CU. YD (FILL)

EARTHWORK QUANTITIES ARE ESTIMATED

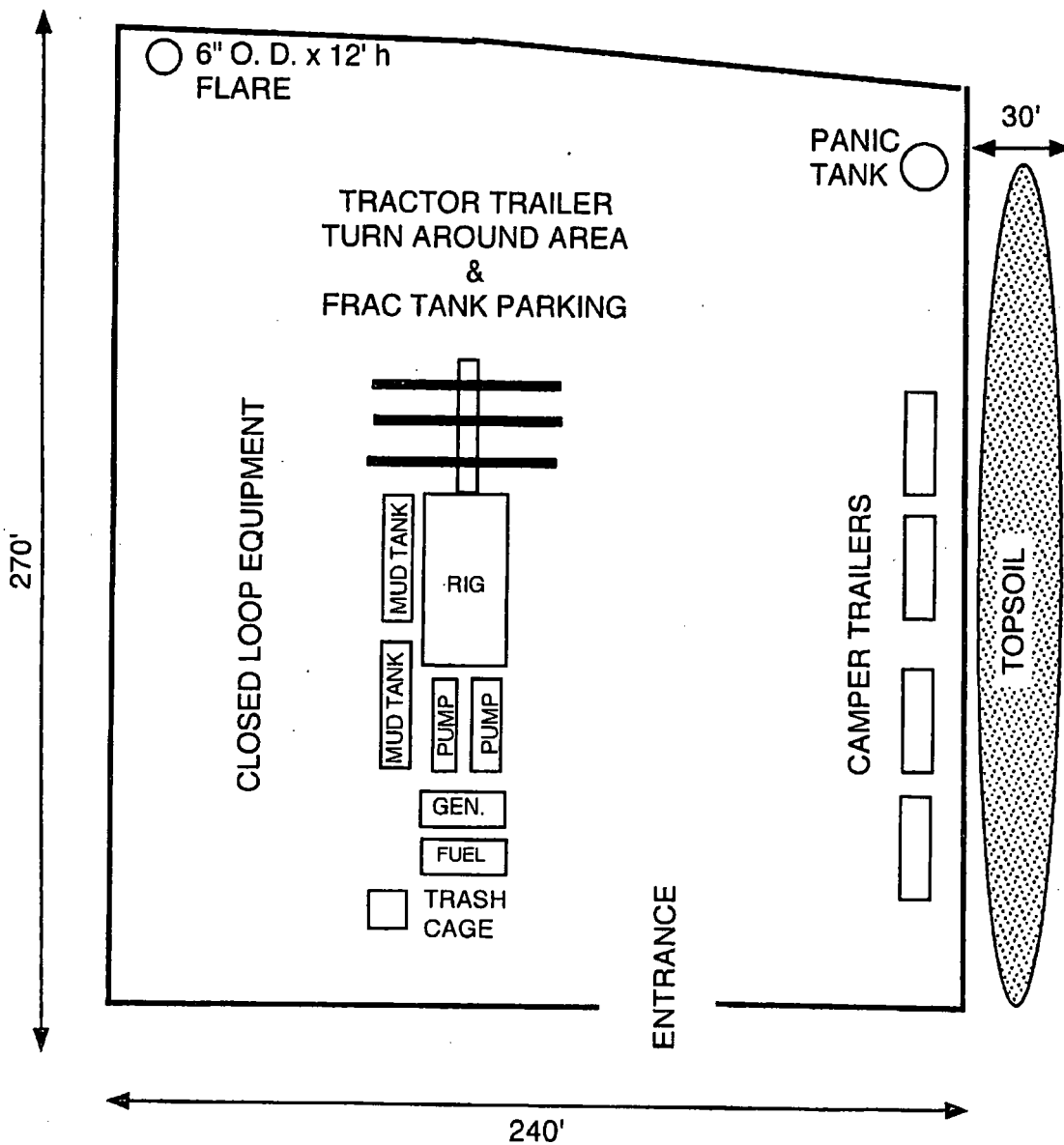
MARCH 29, 2016

SURVEY NO. 3739A

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

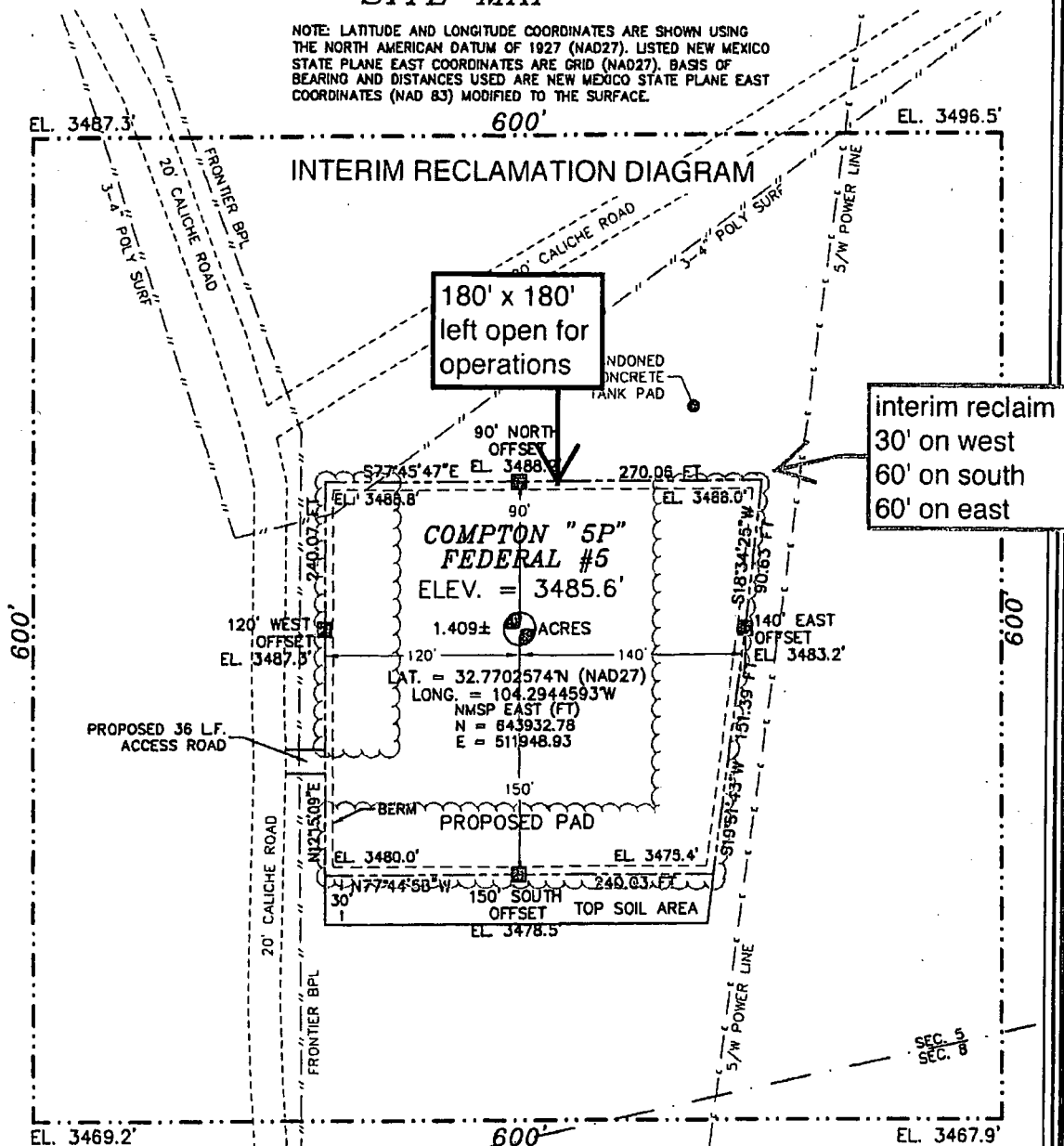
Lime Rock's
Compton 5 P Federal 5
rig diagram

1" = 50'
NORTH



**SECTION 5, 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 1927 (NAD27). LISTED NEW MEXICO STATE PLANE EAST COORDINATES ARE GRID (NAD27). BASIS OF BEARING AND DISTANCES USED ARE NEW MEXICO STATE PLANE EAST COORDINATES (NAD 83) MODIFIED TO THE SURFACE.



0 10 50 100 200

SCALE 1" = 100'

DIRECTIONS TO LOCATION

FROM CR. #201, CR. #227 AND CALICHE LEASE ROAD GO SOUTH ON CALICHE ROAD 580' TO "Y" IN THE ROAD AND FOLLOW PROPOSED ROAD SURVEY FLAGS SOUTHEAST 38' TO THE PROPOSED WEST EDGE OF PAD FOR THIS LOCATION.

**LIME ROCK RESOURCES II-A, L.P.
COMPTON "5P" FEDERAL #5
LOCATED 305 FT. FROM THE SOUTH LINE
AND 920 FT. FROM THE EAST LINE OF
SECTION 5, TOWNSHIP 18 SOUTH,
RANGE 27 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO**

NOVEMBER 10, 2015

MADRON SURVEYING, INC.

301 SOUTH CANAL
(375) 234-3341

CARLSBAD, NEW MEXICO

SURVEY NO. 3739A

Lime Rock Resources II-A, L.P.
Compton 5 P Federal 5
305' FSL & 920' FEL
Sec. 5, T. 18 S., R. 27 E.
Eddy County, NM

SURFACE PLAN PAGE 1

Surface Use Plan

1. ROAD DIRECTIONS & DESCRIPTIONS (See MAPS 1 - 4)

From the center of Artesia...

Go East 5 miles on US 82 to the equivalent of Mile Post 112.5

Then turn right and go South 4.65 miles on paved and caliche County Road 201
(and subsequently Lime Rock road right-of-way NM-084250)

Then turn left and go East 36' cross-country to the pad

Non-county roads will be maintained at least once a year, and as needed, to Gold Book standards. This includes pulling ditches, preserving the crown, and cleaning culverts. Caliche will be bought and hauled from Lime Rock's approved (HA-0258-0000) caliche pit on State land in NESE 36-17s-27e. Access to the lease will be via NMNM-084250.

2. ROAD TO BE BUILT OR UPGRADED (See MAPS 3 & 4)

The 36' of new road will be crowned, have a 14' wide driving surface, and be surfaced with caliche. Maximum disturbed width = 20'. Maximum grade = 1%. Maximum cut or fill = 1'. No upgrade, culvert, cattle guard, or vehicle turn out is needed.

3. EXISTING WELLS (See MAP 2)

Existing oil, gas, water, disposal, injection, and P & A wells are within a mile.

Lime Rock Resources II-A, L.P.
Compton 5 P Federal 5
305' FSL & 920' FEL
Sec. 5, T. 18 S., R. 27 E.
Eddy County, NM

SURFACE PLAN PAGE 2

4. PROPOSED PRODUCTION FACILITIES

The only production equipment on the pad will be a pump jack. Two 3" O. D. poly surface pipelines (one gas and one production) will be laid 5,190.2' south and west along existing roads and pipelines to Lime Rock's existing Compton Federal Battery header in SENW Section 8. Pipelines will operate at ~50 psi. A raptor safe overhead power line will be built 828.9' southwest. There has been no change in either route or length due to the pad shift. Both lines will be authorized under pending right-of-way NMNM-135121.

5. WATER SUPPLY (See MAPS 1 - 4)

Water will be trucked from existing wells on private land east of Artesia.

6. CONSTRUCTION MATERIALS & METHODS

NM One Call (1-800-321-ALERT) will be notified before construction starts. A BLM approved archaeologist will monitor construction. Topsoil and brush will be stockpiled south of the pad. V door will be to the east. A closed loop drilling system will be used. Caliche will be bought and hauled from Lime Rock's approved (HA-0258-0000) existing caliche pit on State land in NESE 36-17s-27e.

An on pad berm (MAP 4) will surround the pad to prevent off site migration of soils. A geotextile fabric fence will be at the toe of the fill to further prevent migration. The bottom of the fence will be buried to prevent gaps.

7. WASTE DISPOSAL

All trash will be placed in a portable trash cage. It will be hauled to the Eddy County landfill. There will be no trash burning. Contents (drill cuttings, mud,

Lime Rock Resources II-A, L.P.
Compton 5 P Federal 5
305' FSL & 920' FEL
Sec. 5, T. 18 S., R. 27 E.
Eddy County, NM

SURFACE PLAN PAGE 3

salts, and other chemicals) of the mud tanks will be hauled to CRI's state approved (NM-01-0006) disposal site. Human waste will be disposed of in chemical toilets and hauled to the Artesia wastewater treatment plant.

8. ANCILLARY FACILITIES

There will be no airstrip or camp. Camper trailers will be on location for the company man, tool pusher, or mud logger.

9. WELL SITE LAYOUT

See rig diagram for depictions of the well pad, trash cage, access onto the location, parking, living facilities, and rig orientation.

10. RECLAMATION

Interim reclamation will occur within 6 months of completing the well. Interim reclamation will consist of removing caliche and shrinking the west (30'), south (60'), and east (60') and sides of the pad. This will reduce the pad by $\approx 48\%$ to a 180' x >180' area around the pump jack. Disturbed areas will be contoured to match pre-construction grades. Soil and brush will be evenly spread over disturbed areas. Seeded areas will be ripped or harrowed. A BLM approved seed mix will be sown in a BLM approved manner. Enough stockpiled topsoil will be retained to cover the remainder of the pad when the well is plugged. Once the well is plugged, then the remainder of the pad will be similarly reclaimed within 6 months of plugging. Noxious weeds will be controlled.

11. SURFACE OWNER

All construction will be on BLM.

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Carlsbad Field Office

Cultural Resources Conditions of Approval

Historic properties in the vicinity of this project are protected by federal law. In order to ensure that they are not damaged or destroyed by construction activities, the project proponent and construction supervisors shall ensure that the following stipulations are implemented.

Date of Issue: 08/27/2015

Consultant No.: 02-15-39, 03-15-07, 05-15-101

BLM Report No.: NM-523-15-0799

Project Name: Malibu FED #8 , #9, #10: Compton #5 FED #5 Well Pads, Roads, Electirc lines, Flowlines

1. Professional Archaeological Monitoring:

Contact your project archaeologist, or BLM's Cultural Resources Section at (575) 234-5986 or 5917 for assistance.

These stipulations must be given to your monitor at least 5 days prior to the start of construction.

No construction, including vegetation removal or other site prep may begin prior to the arrival of the monitor.

2. Mitigation Measures:

The following sites will require monitoring of all ground disturbing activities within 100 feet:

-102896

3. Documentation:

Submit a brief monitoring report within 30 days of completion of monitoring. Consult with BLM Archaeologists on potential site update requirements.

4. Other:

Site Protection and Employee Education: It is the responsibility of the project proponent and his construction supervisor to inform all employees and subcontractors that cultural and archaeological sites are to be avoided by all personnel, vehicles, and equipment; and that it is illegal to collect, damage, or disturb cultural resources on Public lands.

LA 102896 will not be impacted. Construction of Compton well pad has been moved 25 Feet to the SW. An archaeological monitor will be present during construction.

For assistance, contact BLM Cultural Resources:

Bruce Boeke	(575) 234-5917	Stacy Galassini	(575) 234-5986
Jessica Han	(575) 234-5555	Hila Nelson	(575) 234-2236
Martin Stein	(575) 234-5967		

Cave and Karst Conditions of Approval for APDs

****** Depending on location, additional Drilling, Casing, and Cementing procedures may be required by engineering to protect critical karst groundwater recharge areas.

Cave/Karst Surface Mitigation

The following stipulations will be applied to minimize impacts during construction, drilling and production:

Construction:

In the advent that any underground voids are opened up during construction activities, construction activities will be halted and the BLM will be notified immediately.

No Blasting:

No blasting will be utilized for pad construction. The pad will be constructed and leveled by adding the necessary fill and caliche.

Pad Berming:

- The entire perimeter of the well pad will be bermed to prevent oil, salt, and other chemical contaminants from leaving the well pad.
- The compacted berm shall be constructed at a minimum of 12 inches high with impermeable mineral material (e.g., caliche).
- No water flow from the uphill side(s) of the pad shall be allowed to enter the well pad.
- The topsoil stockpile shall be located outside the bermed well pad.
- Topsoil, either from the well pad or surrounding area, shall not be used to construct the berm.
- No storm drains, tubing or openings shall be placed in the berm.
- If fluid collects within the bermed area, the fluid must be vacuumed into a safe container and disposed of properly at a state approved facility.
- The integrity of the berm shall be maintained around the surfaced pad throughout the life of the well and around the downsized pad after interim reclamation has been completed.
- Any access road entering the well pad shall be constructed so that the integrity of the berm height surrounding the well pad is not compromised. (Any access road crossing the berm cannot be lower than the berm height.)
- Following a rain event, all fluids will vacuumed off of the pad and hauled off-site and disposed at a proper disposal facility.

Tank Battery Liners and Berms:

Tank battery locations and all facilities will be lined and bermed. A 20 mil permanent liner will be installed with a 4 oz. felt backing, or equivalent, to prevent tears or punctures. Tank battery berms must be large enough to contain 1 ½ times the content of the largest tank.

Leak Detection System:

A method of detecting leaks is required. The method could incorporate gauges to measure loss, siting valves and lines so they can be visually inspected, or installing electronic sensors to alarm when a leak is present. Leak detection plan will be submitted to BLM for approval.

Automatic Shut-off Systems:

Automatic shut off, check valves, or similar systems will be installed for pipelines and tanks to minimize the effects of catastrophic line failures used in production or drilling.

Cave/Karst Subsurface Mitigation

The following stipulations will be applied to protect cave/karst and ground water concerns:

Rotary Drilling with Fresh Water:

Fresh water will be used as a circulating medium in zones where caves or karst features are expected. SEE ALSO: Drilling COAs for this well.

Directional Drilling:

Kick off for directional drilling will occur at least 100 feet below the bottom of the cave occurrence zone. SEE ALSO: Drilling COAs for this well.

Lost Circulation:

ALL lost circulation zones from the surface to the base of the cave occurrence zone will be logged and reported in the drilling report.

Regardless of the type of drilling machinery used, if a void of four feet or more and circulation losses greater than 70 percent occur simultaneously while drilling in any cave-bearing zone, the BLM will be notified immediately by the operator. The BLM will assess the situation and work with the operator on corrective actions to resolve the problem.

Abandonment Cementing:

Upon well abandonment in cave karst areas additional plugging conditions of approval may be required. The BLM will assess the situation and work with the operator to ensure proper plugging of the wellbore.

Pressure Testing:

Annual pressure monitoring will be performed by the operator on all casing annuli and reported in a sundry notice. If the test results indicated a casing failure has occurred, remedial action will be undertaken to correct the problem to the BLM's approval.