

HOBBS OCD

DEC 17 2013

RECEIVED

**SURFACE USE PLAN**  
Devon Energy Production Company, LP  
**Gaucha Unit 15H**

Surface Location: 100 FNL & 660 FWL, Unit D, Sec 20 T22S R34E, Lea, NM  
Bottom Hole Location: 330 FNL & 660 FWL, Unit D, Sec 17 T22S R34E, Lea, NM

**1. Existing Roads:**

- a. The well site and elevation plat for the proposed well are reflected on the well site layout; Form C-102. The well was staked by Madron Surveying, Inc.
- b. All roads into the location are depicted on page two and four of the Form C-102 packet. Existing roads will be maintained and kept in the same or better condition than before operations began.
- c. Directions to Location: From the intersection of State Highway 128 and Delaware Basin Road, go north and east on Delaware Basin Road, approx. 9.5 miles to lease road on left (north), turn north on lease road and go approx. 4.0 miles, road turns left (west), go west approx. 0.45 miles to 4-way intersection, turn left, (southwest) on EPNG Pipeline Road, go approx. 0.35 miles to location left (west) of road 200'.

**2. New or Reconstructed Access Roads:**

- a. The well site layout, page 2 of Form C-102 packet, shows new constructed access road, which will be approx. 1851 LF to 4-way intersection.
- b. No cattle guards, grates or fence cuts will be required. No turnouts are planned.

**3. Location of Existing Wells:**

One Mile Radius Plat shows all existing and proposed wells within a one-mile radius of the proposed location. See attached plat.

**4. Location of Existing and/or Proposed Production Facilities:**

- a. In the event the well is found productive, a tank battery would be utilized and the necessary production equipment will be installed at the well site. The tank battery is located at Sec 20, T22S, R34E. Flow lines will be set alongside of the access road, where applicable. When said flow lines are needed, a plat and a sundry notice will be filed with your office.
- b. See interim reclamation diagram.
- c. If necessary, the well will be operated by means of an electric prime mover. Electric power poles will be set alongside of the access road, where applicable. If said power poles are needed, a plat and a sundry notice will be filed with your office.
- d. All flow lines will adhere to API standards.
- e. If the well is productive, rehabilitation plans are as follows:
  - i. A closed loop system will be utilized.
  - ii. The original topsoil from the well site will be returned to the location. The drill site will then be contoured as close as possible to the original state.

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**5. Location and Types of Water Supply:**

This location will be drilled using a combination of water mud systems (outlined in the Drilling Program). The water will be obtained from commercial water stations in the area and hauled to location by transport truck using the existing and proposed roads shown in the C-102. On occasion, water will be obtained from a pre-existing water well, running a pump directly to the drill rig. In these cases where a poly pipeline is used to transport water for drilling purposes, proper authorizations will be secured. If a poly pipeline is used, the size, distance, and map showing route will be provided to the BLM via sundry notice.

**6. Construction Materials:**

The caliche utilized for the drilling pad and proposed access road will be from minerals that are located onsite or will be used onsite. If minerals are not available onsite, then an established mineral pit will be used to build the location and stem road.

**7. Methods of Handling Waste Material:**

- a. Drill cuttings will be disposed.
- b. All trash, junk and other waste material will be contained in trash cages or trash bins to prevent scattering. When the job is completed all contents will be removed and disposed of in an approved sanitary landfill.
- c. The supplier, including broken sacks, will pick up salts remaining after completion of well.
- d. A Porto-john will be provided for the rig crews. This equipment will be properly maintained during the drilling and completion operations and will be removed when all operations are complete.
- e. Remaining drilling fluids will be sent to a closed loop system. Water produced during completion will be put into a closed loop system. Oil and condensate produced will be put into a storage tank and sold.
- f. Disposal of fluids to be transported by the following companies:
  - i. American Production Service Inc, Odessa TX
  - ii. Gandy Corporation, Lovington NM
  - iii. I & W Inc, Loco Hill NM
  - iv. Jims Water Service of Co Inc, Denver CO

**8. Ancillary Facilities:**

No campsite or other facilities will be constructed as a result of this well.

**9. Well Site Layout**

- a. Exhibit D shows the proposed well site layout with dimensions of the pad layout.
- b. This exhibit indicated proposed location of sump pits and living facilities.
- c. Mud pits in the active circulating system will be steel pits.
- d. A closed loop system will be utilized.
- e. If a pit or closed loop system is utilized, Devon will provide a copy of the Design Plan to the BLM.

**10. Plans for Surface Reclamation:**

- a. After concluding the drilling and/or completion operations, if the well is found non-commercial, the caliche will be removed from the pad and transported to the original caliche pit or used for other drilling locations. The road will be reclaimed as directed by the BLM. The original top soil will again be returned to the pad and contoured, as close as possible, to the original topography.
- b. The location and road will be rehabilitated as recommended by the BLM.
- c. If the well is deemed commercially productive, caliche from areas of the pad site not required for operations will be reclaimed. The original top soil will be returned to the area of the drill pad not necessary to operate the well. These unused areas of the drill pad will be contoured, as close as possible, to match the original topography.
- d. All disturbed areas not needed for active support of production operations will undergo interim reclamation. The portions of the cleared well site not needed for operational and safety purposes will be recontoured to a final or intermediate contour that blends with the surrounding topography as much as possible. Topsoil will be respread over areas not needed for all-weather operations.

**11. Surface Ownership**

- a. The surface is owned by the State of New Mexico. An agreement has been reached with the state. The minerals are owned and administered by the U. S. Federal Government. The surface is multiple use with the primary uses of the region for grazing of livestock and the production of oil and gas.
- b. The proposed road routes and the surface location will be restored as directed by the BLM.

**12. Other Information:**

- a. The area surrounding the well site is grassland. The topsoil is very sandy in nature. The vegetation is moderately sparse with native prairie grass, sage bush, yucca and miscellaneous weeds. No wildlife was observed but it is likely that deer, rabbits, coyotes, and rodents traverse the area.
- b. There is no permanent or live water in the general proximity of the location.
- c. There are no dwellings within 2 miles of location.
- d. A Cultural Resources Examination will be completed by Southern New Mexico Archaeological Services, Inc. and forwarded to the BLM office in Carlsbad, New Mexico.

**13. Bond Coverage:**

Bond Coverage is Nationwide; Bond # is CO-1104 & NMB-000801.

**Operators Representative:**

The Devon Energy Production Company, L.P. representatives responsible for ensuring compliance of the surface use plan are listed below.

Kim Henderson - Operations Engineer  
Devon Energy Production Company, L.P.  
333 W. Sheridan  
Oklahoma City, OK 73102-5010  
(405) 552-6505 (office)  
(405) 479-3869 (Cellular)

Don Mayberry - Superintendent  
Devon Energy Production Company, L.P.  
Post Office Box 250  
Artesia, NM 88211-0250  
(575) 748-3371 (office)  
(575) 746-4945 (home)

**Certification**

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access road proposed herein; that I am familiar with the conditions that presently exist; that I have full knowledge of State and Federal laws applicable to this operation; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed in conformity with this APD package and the terms and conditions under which it is approved. I also certify that I, or Devon Energy Production Company, L.P. am responsible for the operations conducted under this application. These statements are subject to the provisions of 18 U.S.C. 1001 for the filing of false statements.

I hereby also certify that I, or Devon Energy Production Company, L.P. have made a good faith effort to provide the surface owner with a copy of the Surface Use Plan of Operations and any Conditions of Approval that are attached to the APD.

Executed this 1st day of August, 2013.

Printed Name: David H. Cook

Signed Name: 

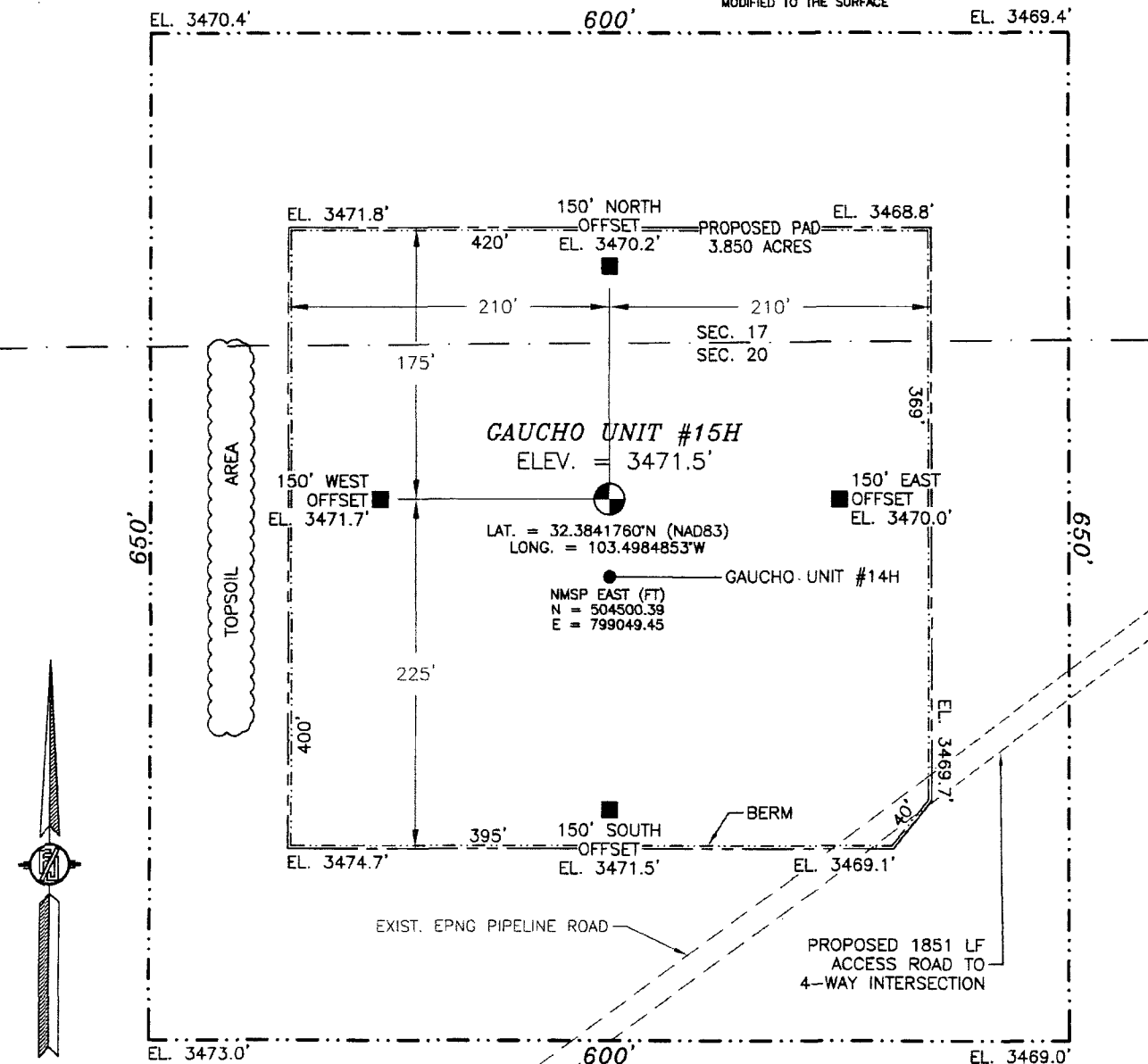
Position Title: Regulatory Specialist

Address: 333 W. Sheridan, OKC OK 73102

Telephone: (405)-552-7848

SECTION 20, TOWNSHIP 22 SOUTH, RANGE 34 EAST, N.M.P.M.  
LEA 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



010 50 100 200  
SCALE 1" = 100'

**DIRECTIONS TO LOCATION**

FROM THE INTERSECTION OF STATE HIGHWAY 128 AND DELAWARE BASIN ROAD GO NORTH AND EAST ON DELAWARE BASIN ROAD APPROX. 9.5 MILES TO LEASE ROAD ON LEFT (NORTH) TURN NORTH ON LEASE ROAD AND GO APPROX. 4.0 MILES, ROAD TURNS LEFT (WEST) GO WEST APPROX. 0.45 MILES TO 4-WAY INTERSECTION, TURN LEFT (SOUTHWEST) ON EPNG PIPELINE ROAD GO APPROX. 0.35 MILES TO LOCATION LEFT (WEST) OF ROAD 200'.

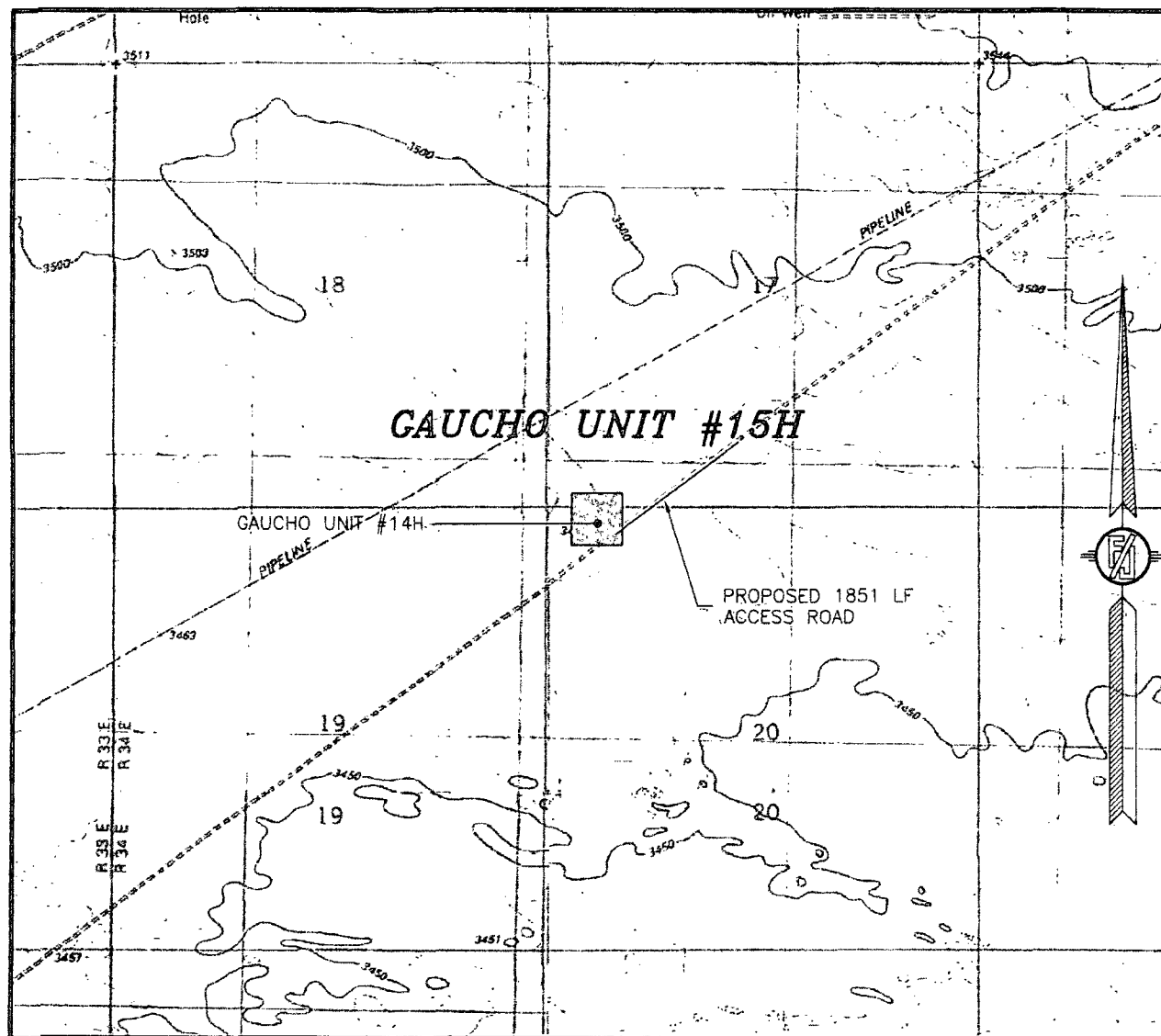
DEVON ENERGY PRODUCTION COMPANY, L.P.  
**GAUCHO UNIT #15H**  
LOCATED 100 FT. FROM THE NORTH LINE  
AND 660 FT. FROM THE WEST LINE OF  
SECTION 20, TOWNSHIP 22 SOUTH,  
RANGE 34 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO

JULY 20, 2013

SURVEY NO. 2027

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

SECTION 20, TOWNSHIP 22 SOUTH, RANGE 34 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO  
LOCATION VERIFICATION MAP



USGS QUAD MAP:  
SAN SIMON RANCH

NOT TO SCALE

DEVON ENERGY PRODUCTION COMPANY, L.P.

**GAUCHO UNIT #15H**

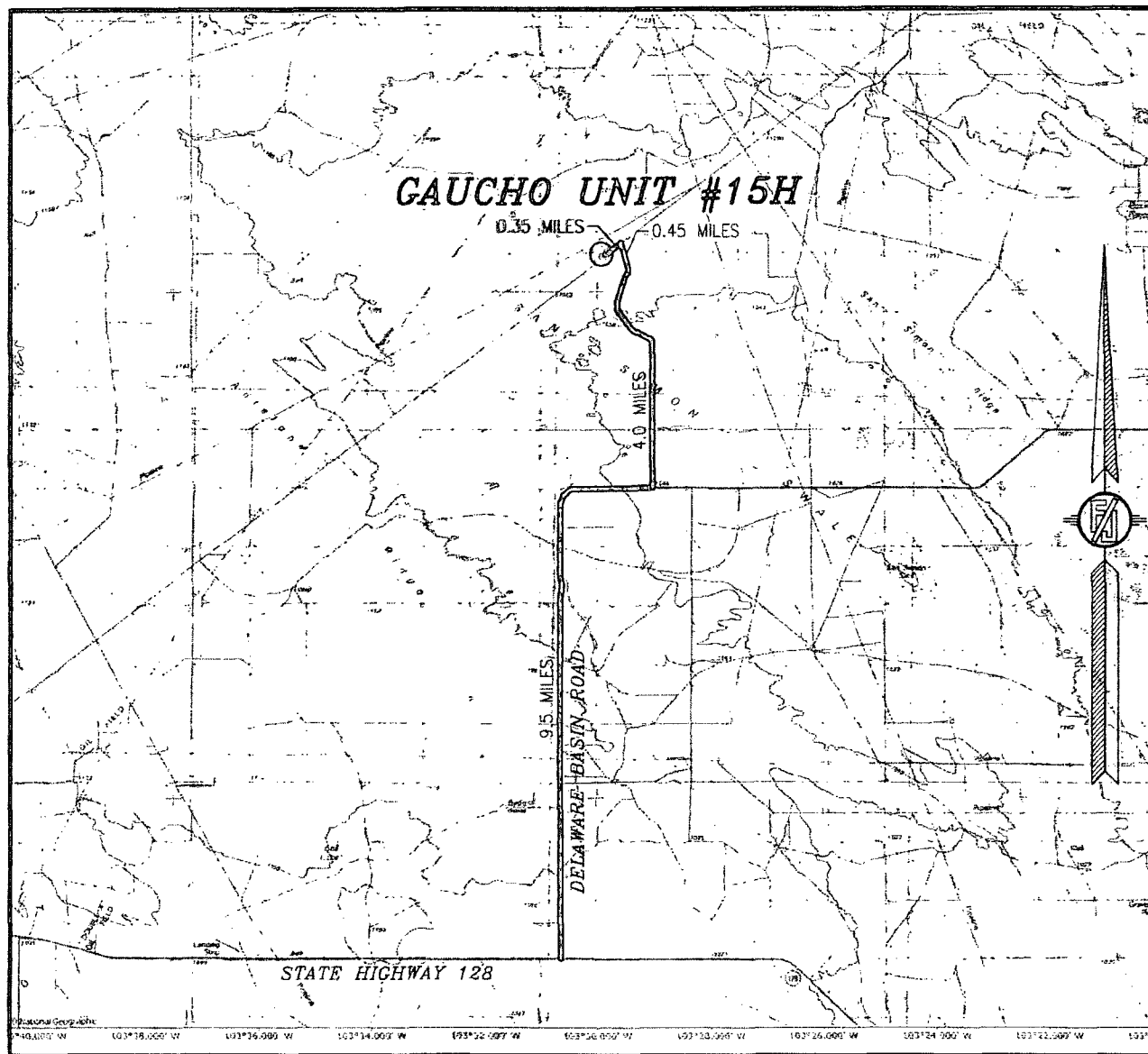
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SECTION 20, TOWNSHIP 22 SOUTH, RANGE 34 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO  
VICINITY MAP



NOT TO SCALE

DEVON ENERGY PRODUCTION COMPANY, L.P.

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JULY 20, 2013

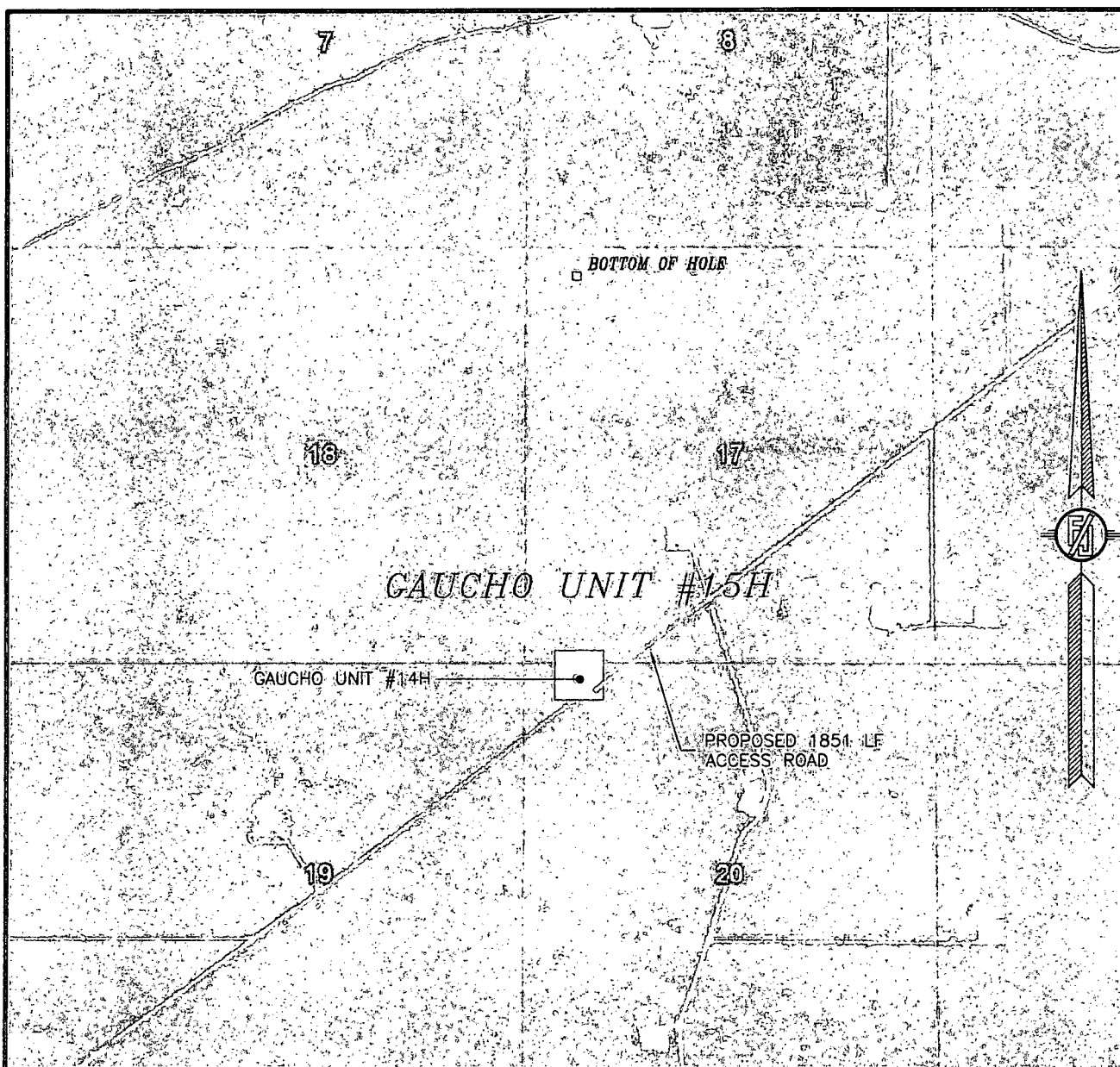
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MADRON SURVEYING, INC. 501 SOUTH CANAL (575) 234-3341

SURVEY NO. 2027  
CARLSBAD, NEW MEXICO

SECTION 20, TOWNSHIP 22 SOUTH, RANGE 34 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO  
**AERIAL PHOTO**



NOT TO SCALE  
AERIAL PHOTO:  
GOOGLE EARTH  
MARCH 2012

DEVON ENERGY PRODUCTION COMPANY, L.P.

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AND 660 FT. FROM THE WEST LINE OF  
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RANGE 34 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO

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



GAUCHO UNIT 15H  
T22S - R34E

SHL to nearest lease line: 100 ft.  
SHL to nearest wellbore: 703 ft. S.  
SHL to BHL 5050 ft.  
BHL to nearest wellbore: 2870 ft. N.

RICKER 1 2670 ft. E.  
GAUCHO UNIT 7H 1311 ft. E.\*

\*All distances are estimated.

SAUNDERS 2

8

GRAMA RIDGE '8' STAT 1

SLATTERY PERMIT 1

BELL LAKE UNIEDERAL 8

NEW MEXICO STATE AE 1

OXY GR 8 STATE 1

1 MILE

BHL

18

17

GAUCHO UNIT 7H

RICKER 1

8817 JV-P GRAMA 'C' #1

GAUCHO UNIT 6H

GAUCHO UNIT 15H

SHL

1 MILE

ENGLE '20' FEDERAL 1

EL ALTO GRANDE UT 1

EL ALTO GRANDE 1-Y

19

GAUCHO UNIT 4

20

GAUCHO UNIT 3

DEVON

GAUCHO UNIT 15H