

SURFACE USE PLAN

ROCA PRODUCTION, INC.
 OUTLAW "22" FEDERAL COM: #1H
 UNIT "B" SECTION 22
 T20S-R33E LEA CO. NM

1. EXISTING AND PROPOSED ROADS:

- A. Exhibit "B" is a reproduction of a County General Hi-way map showing existing roads. Exhibit "C" is a reproduction of a USGS topographic map showing existing roads and proposed roads. All existing roads will be maintained in a condition equal to or better than current conditions. All new roads will be constructed to BLM specifications.
- B. Exhibit "A" shows the proposed well site as staked.
- C. Directions to location: From Hobbs New Mexico take U. S. Hi-way 62-180 West 34 miles to mile post 73.1 turn Left (South) go .25 miles bear Right follow lease road .6 miles to Bandit "15" Federal Com.#2. Continue South .5 miles to location.
- D. Exhibit "C" shows a topographic map indicating existing roads and proposed roads, which will be used during drilling and producing of this well.

2. PLANNED ACCESS ROADS: Approximately .5 miles of new road will be constructed.

- A. The access roads will be crowned and sitched to a 14' wide travel surface, within a 30' R-O-W.
- B. Gradient of all roads will be less than 5%.
- C. Turn-outs will be constructed where necessary.
- D. If require new access roads will be surface with a minimum of 4-6" of caliche. this material will be obtained from a local source.
- E. Center line for new roads will be flagged, road construction will be done as field conditions require.
- F. Culverts will be placed in the access road as drainage conditions require. Roads will be constructed to use low water crossings for drainage as required by the topographic conditions.

3. LOCATION OF EXISTING WELLS WITHIN A ONE MILE RADIUS: EXHIBIT "A-1"

- | | |
|--------------------|-----------------------------|
| A. Water wells | - None Known |
| B. Disposal wells | - None known |
| C. Drilling wells | --None known |
| D. Producing wells | - As shown on Exhibit "A-1" |
| E. Abandoned wells | - As shown on Exhibit "A-1" |

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4. If on completion this well is a success the operator will complete it as a producer. The operator will construct production facilities and tank battery on location. If power lines will be required to produce this well they may be constructed along existing R-O-W's as shown on Exhibit "C".

5. LOCATION AND TYPE OF WATER SUPPLY:

Water will be purchased locally from a commercial source and transported by transport or piped to location by flexible flowlines laid on top of the ground.

6. SOURCE OF CONSTRUCTION MATERIAL:

If possible construction material will be obtained from the leveling of the drill site. If additional material will be required it will be obtained from a local source and transported over access roads shown on Exhibit "C".

7. METHODS OF HANDLING WASTE MATERIAL:

- A. In case this well is drilled using a closed mud system the cuttings will be collected in containers and disposed of in a state approved disposal site. Drilling fluids likewise will be contained in tanks and disposed of in state approved disposal sites.
- B. All trash, junk and other waste material will be contained in trash cages or trash bins to prevent scattering. When job is complete all contents will be taken from location and disposed of in a state approved disposal site.
- C. Salts and other mud material remaining after completion of the well will be collected by the supplier and be removed from the location.
- D. Waste water from living quarters will be directed into an onsite sewage treatment unit and when well is completed residue will be removed and disposed of in a state approved disposal site. Porto-johns will be on location for rig crews, completion crews and other contract personnel, this equipment will be properly maintained during drilling and completion. When all operations are complete the residue will be removed and disposed of in a state approved disposal site and the equipment removed by supplier.
- E. Any fluids produced during the completion phase will be separated and the oil sold and water will be disposed of in an approved disposal site.

8. ANCILLARY FACILITIES:

- A. No camps, airstrips, or staging areas will be constructed on location.

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HOBBS OCD

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RECEIVED

9. WELL SITE LAYOUT:

- A. Exhibit "D" shows a generic well site for a well drilled using a closed mud system.

10. PLANS FOR RESTORATION OF SURFACE:

Rehabilitation of the surface will start after the well has been completed, if the well is completed as a producer production facilities will be constructed on the location. What area is not required for the operation of this project will be reclaimed and restored as near as possible to the original grade and vegetation.

If in case this well is unsuccessful and is a dry hole the drilling pad and the access roads will be reclaimed according to specifications provided by The Bureau of Land Management. Caliche or other road material will be removed for the possible use in another location or deposited in an approved reclamation site.

Drill cuttings and mud used to drill this well will be removed and disposed of at an approved disposal site. All trash and any other debris will be collected disposed of as the above.

11. ADDITIONAL INFORMATION:

- A. Topography consists of low lying sand dunes with a slight dip to the West Northwest. Soils consists of sandy loam with caliche nodules in the blow-outs between the sand dunes.
- B. The surface and minerals are owned by The U. S. Department of Interior and is administered by The Bureau of Land Management. The surface is used for the production of oil and gas and is the grazing is leased to ranchers to graze livestock.
- C. This APD is submitted to reinstate prior APDs that were approved in the years of 2009, 2006, and 2004.
- D. An archeological survey has been done and the results are filed in the Carlsbad Field Office, Carlsbad New Mexico.

OPERATOR CERTIFICATION

I HERBY CERTIFY THAT I OR SOMEONE UNDER MY DIRECT SUPERVISION HAVE INSPECTED THE DRILL SITE AND ACCESS ROUTE PROPOSED HEREIN; THAT I AM FAMILIAR WITH THE CONDITIONS WHICH CURRENTLY 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 ARE TRUE AND CORRECT AND THAT THE WORK ASSOCIATED WITH THE OPERATIONS PROPOSED HEREIN WILL BE PERFORMED IN CONFIRMITY WITH THIS APD PACKAGE AND THE TERMS AND CONDITIONS UNDER WHICH IT IS APPROVED. I ALSO CERTIFY THAT I OR THE COMPANY THAT I REPRESENT , AM RESPONSIBLE FOR THE OPERATIONS CONDUCTED UNDER THIS APPLICATION. THESE STATEMENTS ARE SUBJECT TO THE PROVISIONS OF 18 USC 1001 FOR THE FILING OF A FALSE REPORT.

OPERATORS REPRESENTATIVES;

Before Construction

During and After Construction

TIERRA EXPLORATION, INC.

ROCA PRODUCTION, INC.

P. O. BOX 2188

P. O. BOX 10139

HOBBS NEW MEXICO 88241

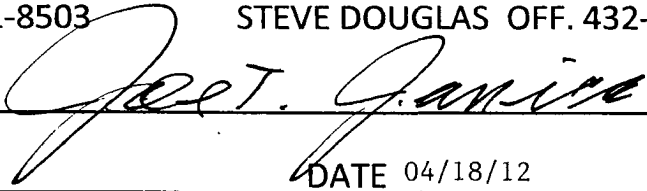
MIDLAND, TEXALS 79701

JOE JANICA OFF. 575-391-8503

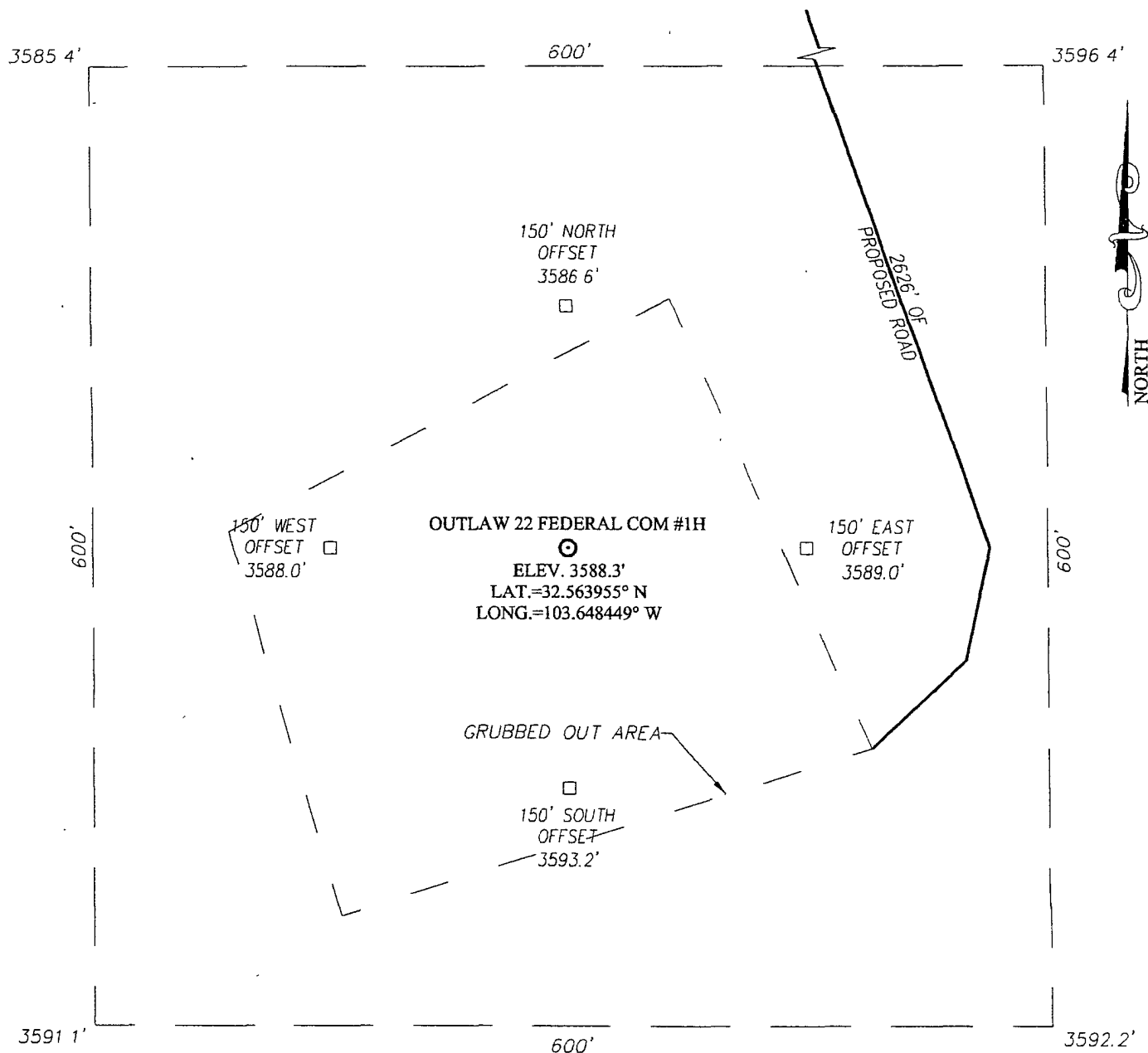
STEVE DOUGLAS OFF. 432-683-6812

NAME Joe T. Janica

TITLE Permit Eng.

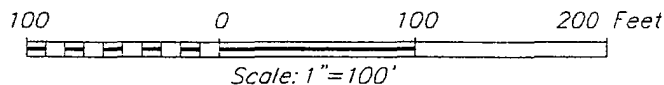

DATE 04/18/12

SECTION 22, TOWNSHIP 20 SOUTH, RANGE 33 EAST, N.M.P.M.
LEA COUNTY **NEW MEXICO**



DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF HWY #62-180 AND CO. RD H55 (SMITH RANCH RD) GO SOUTHWEST APPROX. 2.5 MILES ON HWY #62-180. TURN LEFT AND GO SOUTH APPROX. 0.3 MILES TO THE BANDIT 15 FEDERAL COM #1 CONTINUE FROM SOUTHWEST PAD CORNER ALONG EXISTING LEASE ROAD SOUTHWEST APPROX. 0.45 MILES TO THE BANDIT 15 FEDERAL COM #2 FOLLOW PROPOSED ROAD FROM THE SOUTHEAST CORNER OF THE PAD APPROX. 0.5 MILES TO THE LOCATION STAKE



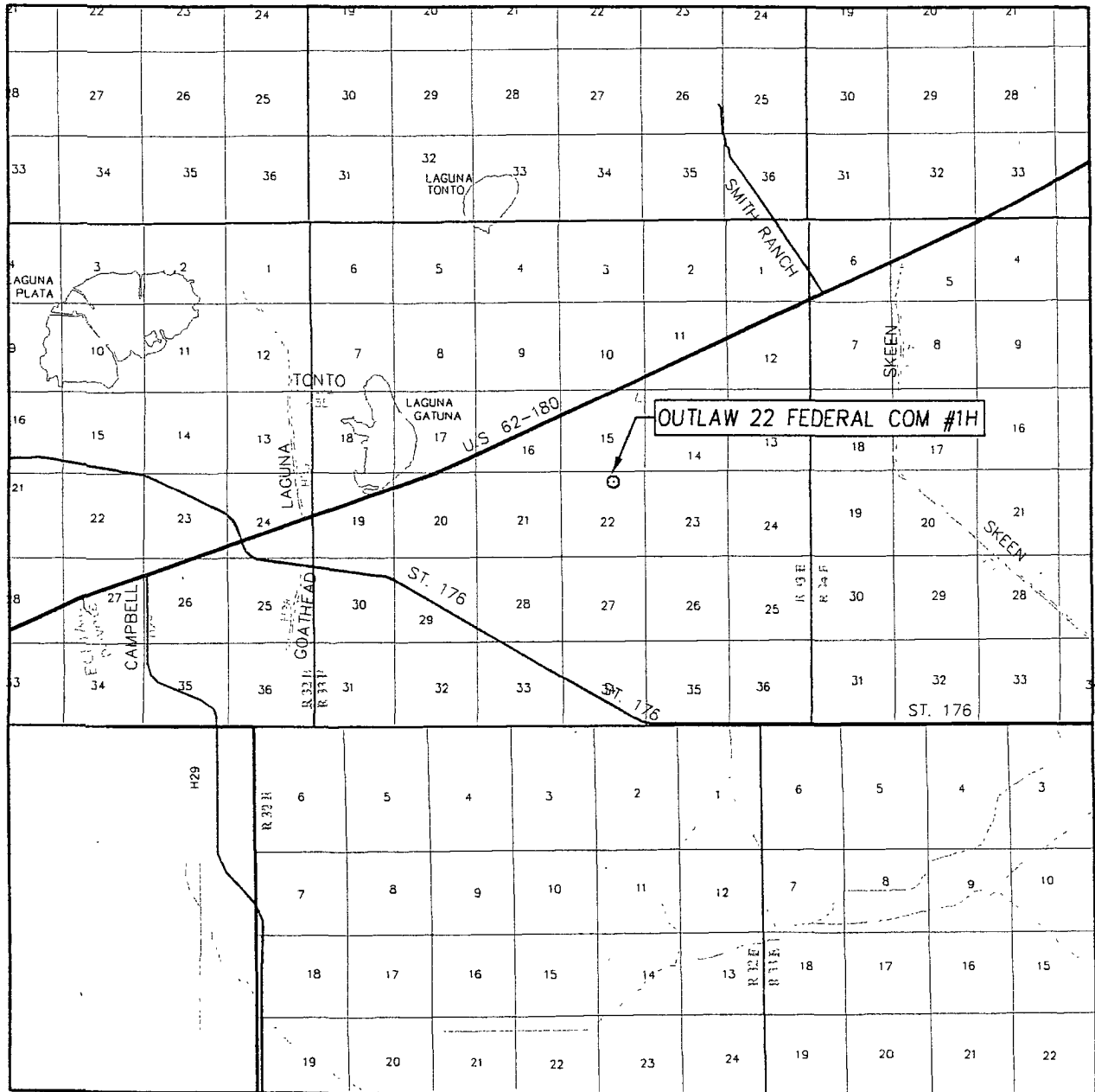
ROCA PRODUCTION, INC.

OUTLAW 22 FEDERAL COM #1H WELL
LOCATED 660 FEET FROM THE NORTH LINE
AND 1980 FEET FROM THE EAST LINE OF SECTION 22,
TOWNSHIP 20 SOUTH, RANGE 33 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO

PROVIDING SURVEYING SERVICES
 SINCE 1946
JOHN WEST SURVEYING COMPANY
 412 N. DAL PASO
 HOBBS, N.M. 88240
 (575) 393-3117 www.jwsc.biz

Survey Date 3/23/12	CAD Date 3/30/12	Drawn By: AF
W O No. 12110533	Rev	Rel W.O.
		Sheet 1 of 1

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 22 TWP. 20-S RGE 33-E

SURVEY N.M.P.M

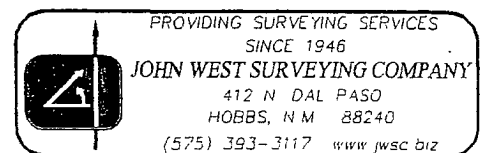
COUNTY LEA STATE NEW MEXICO

DESCRIPTION 990' FNL & 1980' FEL

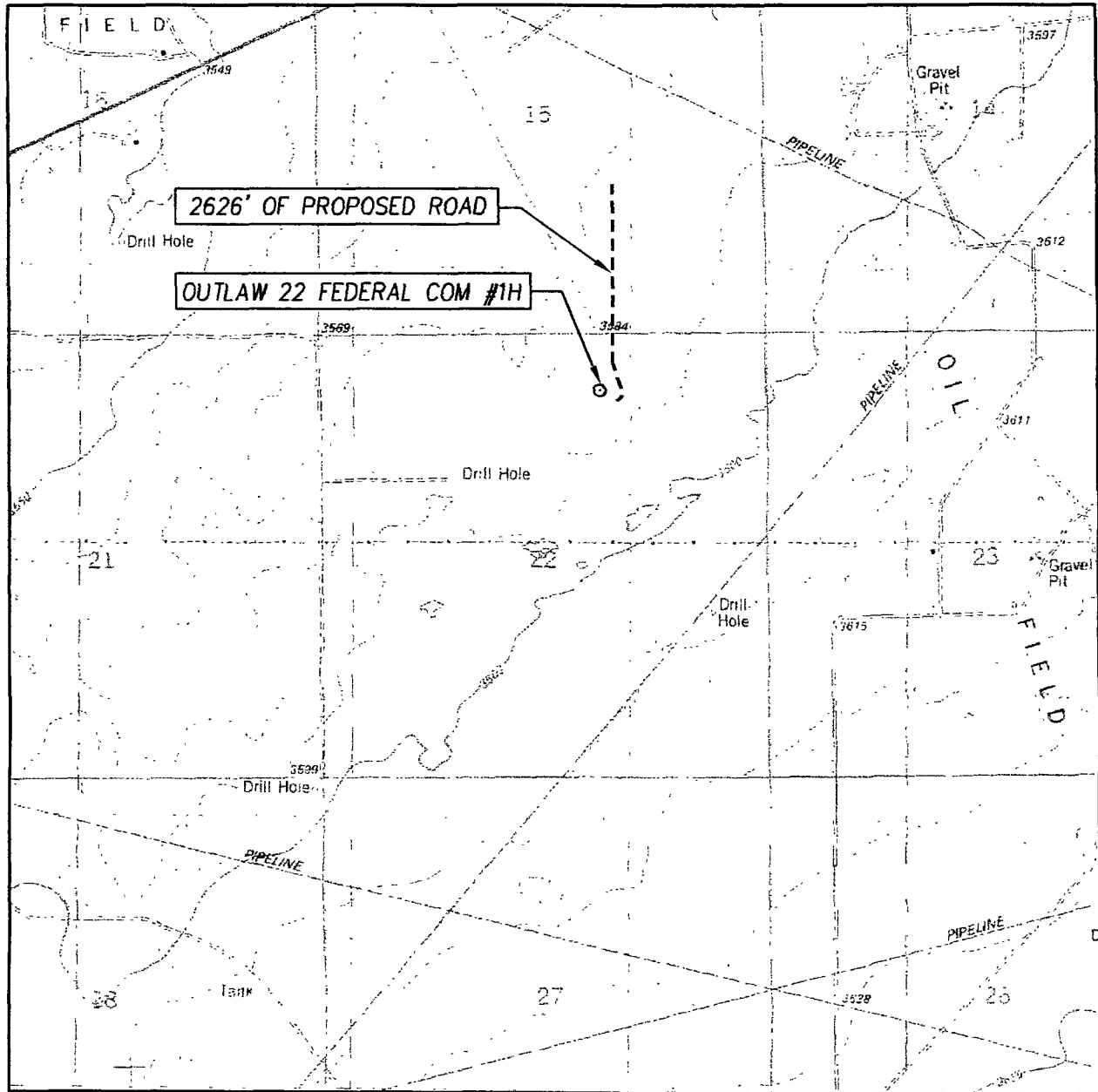
ELEVATION 3588'

OPERATOR ROCA PRODUCTION, INC

LEASE OUTLAW 22 FEDERAL COM



LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:
LAGUNA GATUNA, N.M. - 10'

SEC. 22 TWP. 20-S RGE. 33-E

SURVEY N.M.P.M

COUNTY LEA STATE NEW MEXICO

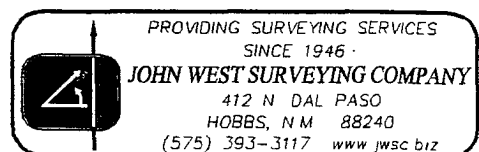
DESCRIPTION 660' FNL & 1980' FEL

ELEVATION 3588'

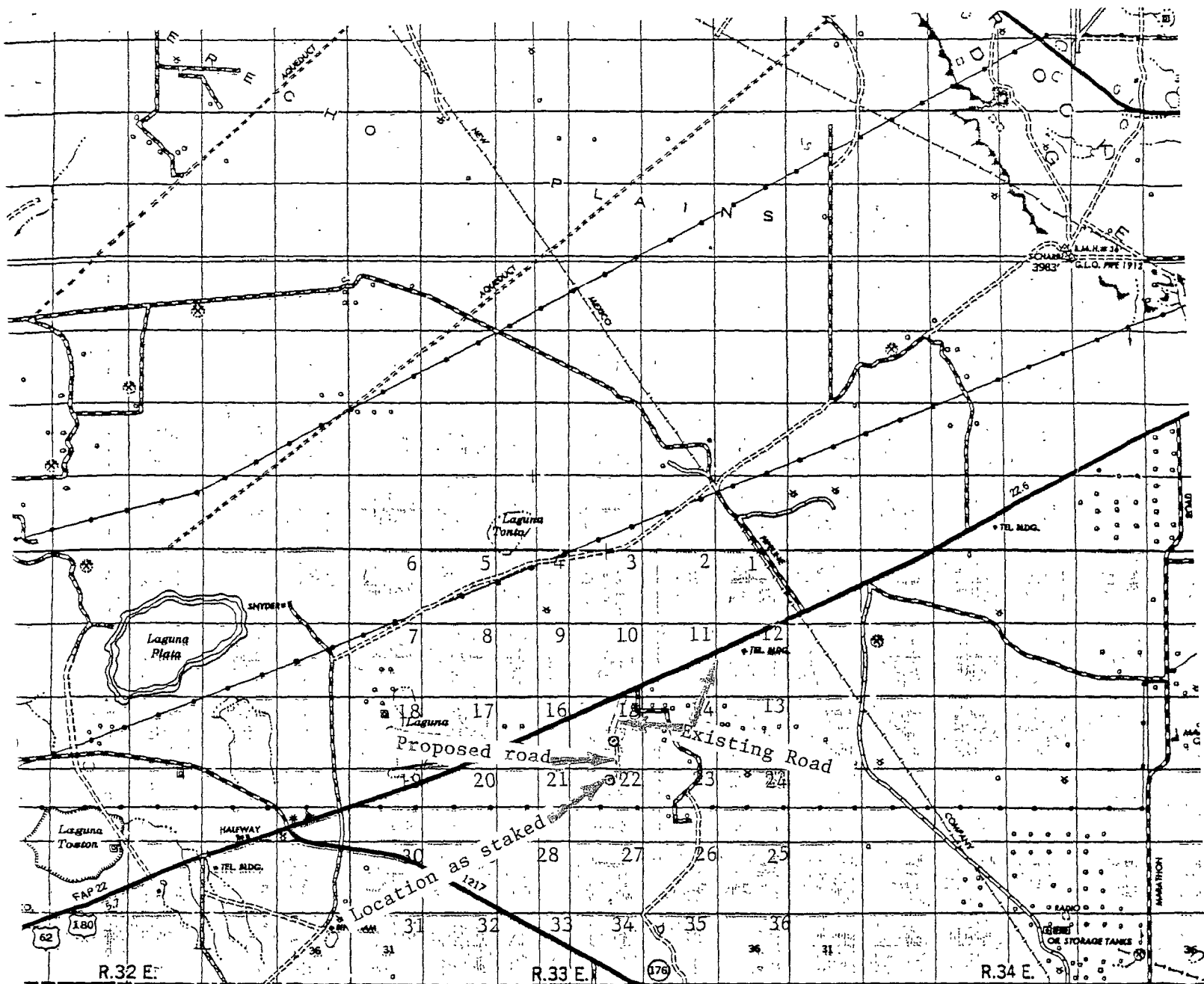
OPERATOR ROCA PRODUCTION, INC.

LEASE OUTLAW 22 FEDERAL COM

U.S.G S. TOPOGRAPHIC MAP
LAGUNA GATUNA, N.M.



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T.21 S.

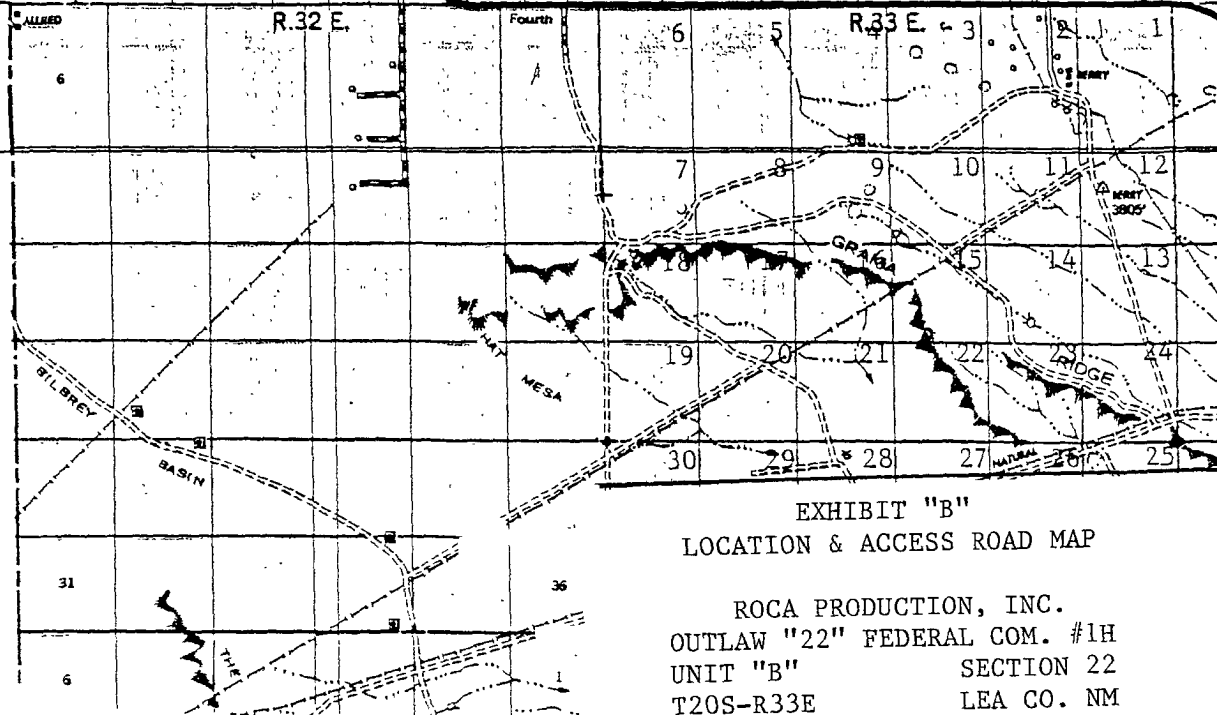


EXHIBIT "B"
LOCATION & ACCESS ROAD MAP

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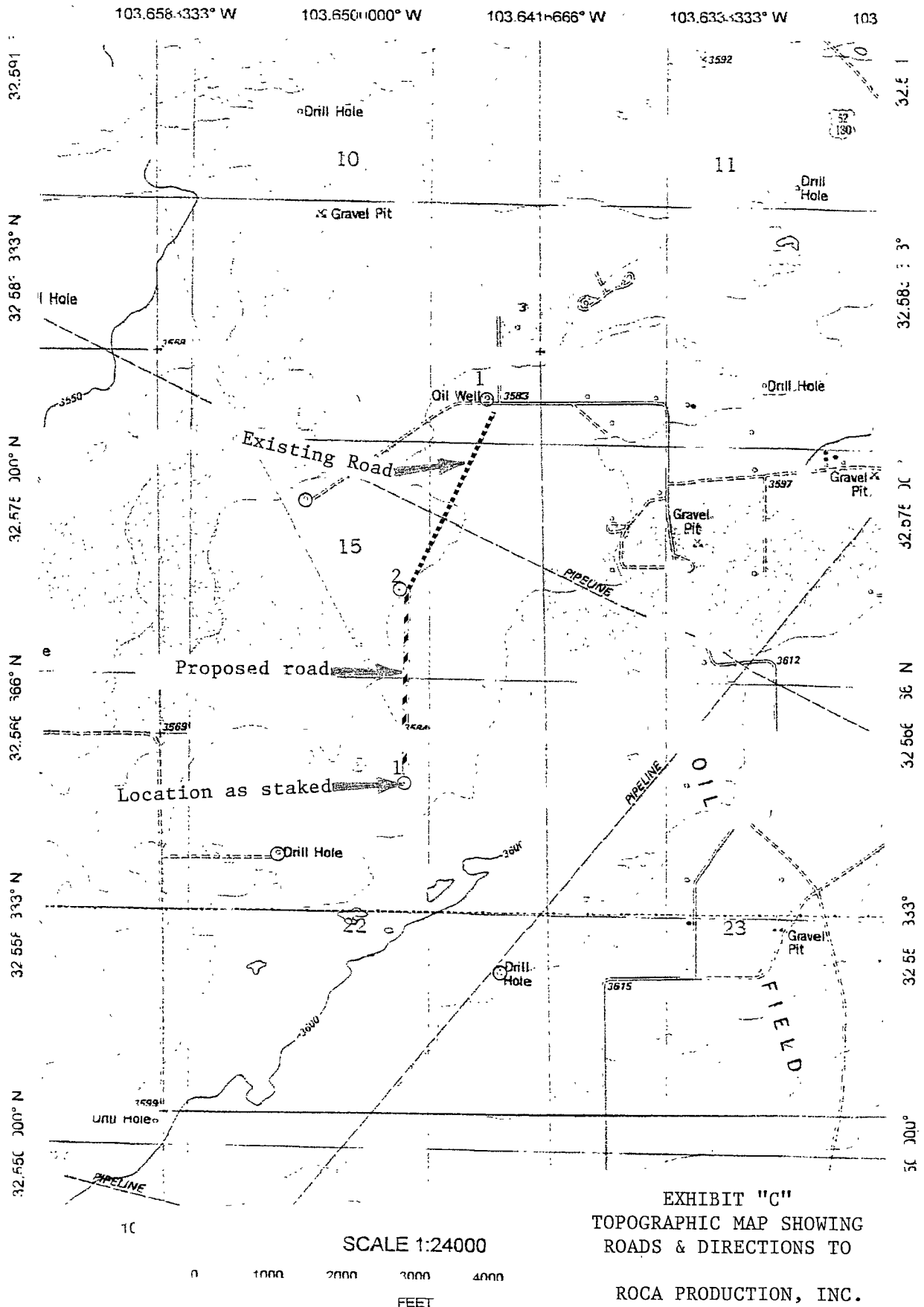


EXHIBIT "C"
TOPOGRAPHIC MAP SHOWING
ROADS & DIRECTIONS TO

ROCA PRODUCTION, INC.
OUTLAW "22" FEDERAL COM. #1H
UNIT "B" SECTION 22
T20S-R33E I