

HOBBS OCD

OCT 01 2012

SURFACE USE PLAN OF OPERATIONSCHEVRON U.S.A. INC

RECEIVED

Porter Brown #1
340' FSL and 340' FEL
Sec 19, 26S, 33E
NM, Lea Co

LOCATED: 20 Miles South West of Jal, NM

FEDERAL LEASE NUMBER: USA NM-27506

LEASE ISSUED: 09/01/1948-Producing & Held by production

ACRES IN LEASE: 1517.74

RECORD LESSEE: Chevron U.S.A. Inc.

SURFACE OWNERSHIP: Bureau of Land Management

GRAZING PERMITTEE: Goedeke Grazing Cell (Kiehney Ranch) P.O. Box 135, Orala, Tx. 79772

POOL: Bone Spring

7 POOL RULES: Field rules are for no wells to be located closer than 330' to any ¼ section line to be 330' from the lease line and 330 from the nearest well.

EXHIBITS:

- A - Location map, Well plat, vicinity map, and dedication plat
- B - Access Road and Electrical Map
- C - Frac Pond and Tank Battery
- D - Location of Existing Wells
- E - Facilities Map
- F - Drilling Rig Layout Diagram
- G - Interim Reclamation Map
- H - Archeological Survey Report

OCT 10 2012

1. EXISTING ROADS

Exhibit A shows the Proposed Well Site and Exhibit B shows the Access Route. **(A Road and Electrical Easement has been acquired from the BLM for the Road, Serial #NM-128426)** To reach the point where the Exhibit B survey begins, you will head West on 128 out of Jal, NM approximately 30 miles; turn South on County Road #1, go approximately 14 miles, Turn to the East on to J-2 and go down the caliche road for approximately 9 miles to where the Exhibit "B" begins.

2. PLANNED RESOURCES ROAD

Existing Roads will be utilized. A new road will be build using Caliche coming off of the Southwest corner of the Well Pad headed due East, further described in the attached Exhibit "B". Power lines will follow the route as described in Exhibit "B".

3. LOCATION OF EXISTING WELLS Map Exhibit D

4. LOCATION OF EXISTING AND PROPOSED FACILITIES

A new standard battery will be constructed west of the Porter Brown #1H well location. The battery will include tanks, a production separator, test separator, header, heater treater, gas scrubber, VRU, electric compressor, dehydration unit, inlet separator, and pipe. A 2-7/8" steel surface flowline will run from the well to the battery. Oil and water will be trucked. Locations and descriptions of the proposed pad, flowline, and road are shown on the individual surveyor's plats. Facility Map Exhibit E: **(Electrical Easement has been acquired NM-128426)**

5. LOCATION AND TYPE OF WATER SUPPLY

Water necessary for drilling will be purchased and truck to the Frac Pond located as described in the attached Exhibit C.

6. CONSTRUCTION MATERIAL

Caliche needed to build the well pad will be trucked to location from the closest available caliche source.

7. METHOD OF HANDLING WASTE DISPOSAL

- 7.1 Drill cuttings and fluids will be hauled to an approved disposal facility (GRI; Sunset)
- 7.2 Water produced during test will be disposed of at commercial or company facilities
- 7.3 Oil produced during test will be stored in test tanks until sold
- 7.4 Trash, waste paper, garbage and junk will be stored in a trash bin located on the drill site pad. It will be transported to an approved land fill for disposal within 30 days after completion of operations. All waste material will be contained to prevent scattering by the wind. Location of trash bin on the NE corner of the drill pad.

There will be no ancillary facilities.

9. WELL SITE LAYOUT

Please see the attached Exhibit E.

10. PLANS FOR SURFACE RECLAMATION

- 10.1 After completion of the drilling and/or completion of operations, all equipment and other material not necessary for operations will be removed. The location will be cleaned of all trash and junk to leave the well site in as aesthetically pleasing condition as possible.
- 10.2 Frac pond will be removed within six months of cessation of drilling and/or completion operations that require its use.
- 10.3 After abandonment, all equipment, trash and junk will be removed and the well site will be cleaned. Any special reclamation and/or special re-vegetation requirements of the Surface Management Agency will be complied with and will be accomplished as rapidly as possible. Interim Reclamation Map Plan: Exhibit G

11. SURFACE OWNERSHIP

The Bureau of Land Management owns the surface of this tract.

12. OTHER INFORMATION

- 12.1 Topography: The land surface in the area of the well is mostly flat and sandy with Mesquite, Shinnery and Sage.
- 12.2 Soil: Rocky and Sandy.
- 12.3 Flora and Fauna: The vegetation cover is moderate and includes range grasses, weeds, scrub oak bushes and mesquite bush. Wildlife in the area is that typical of a semi-arid desert land and includes coyotes, rabbits, rodents, reptiles, hawks, dove, quail and other small birds.
- 12.4 Ponds and Streams: There are no rivers, lakes, ponds or streams in the area.
- 12.5 Residences and Other Structures: None.
- 12.6 Land Use: Grazing, oil and gas production and wildlife habitat.
- 12.7 Archeological Report #: 122790. Exhibit H
- 12.8 Paid into the MOA for the Frac pond and Electrical route.
- 12.9 Road and Electrical Easement has been submitted to Jim Stovall "NM-128426"

Archeological report number: 122790

Paid into the MOA for Frac pond and Electrical route

13 OPERATIONS REPRESENTATIVE

Darrell Hammons
Drilling & Completions Operator
1400 Smith Rd
Houston, TX 77002
Office: 713-372-5747

CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed oil drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in the plan are to be best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Chevron U.S.A. Inc. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for filling of a false statement.

6-27-12
Date

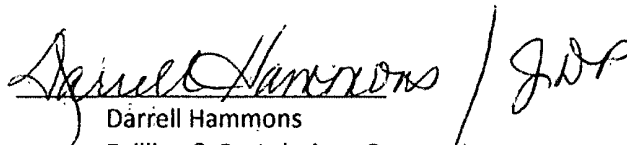
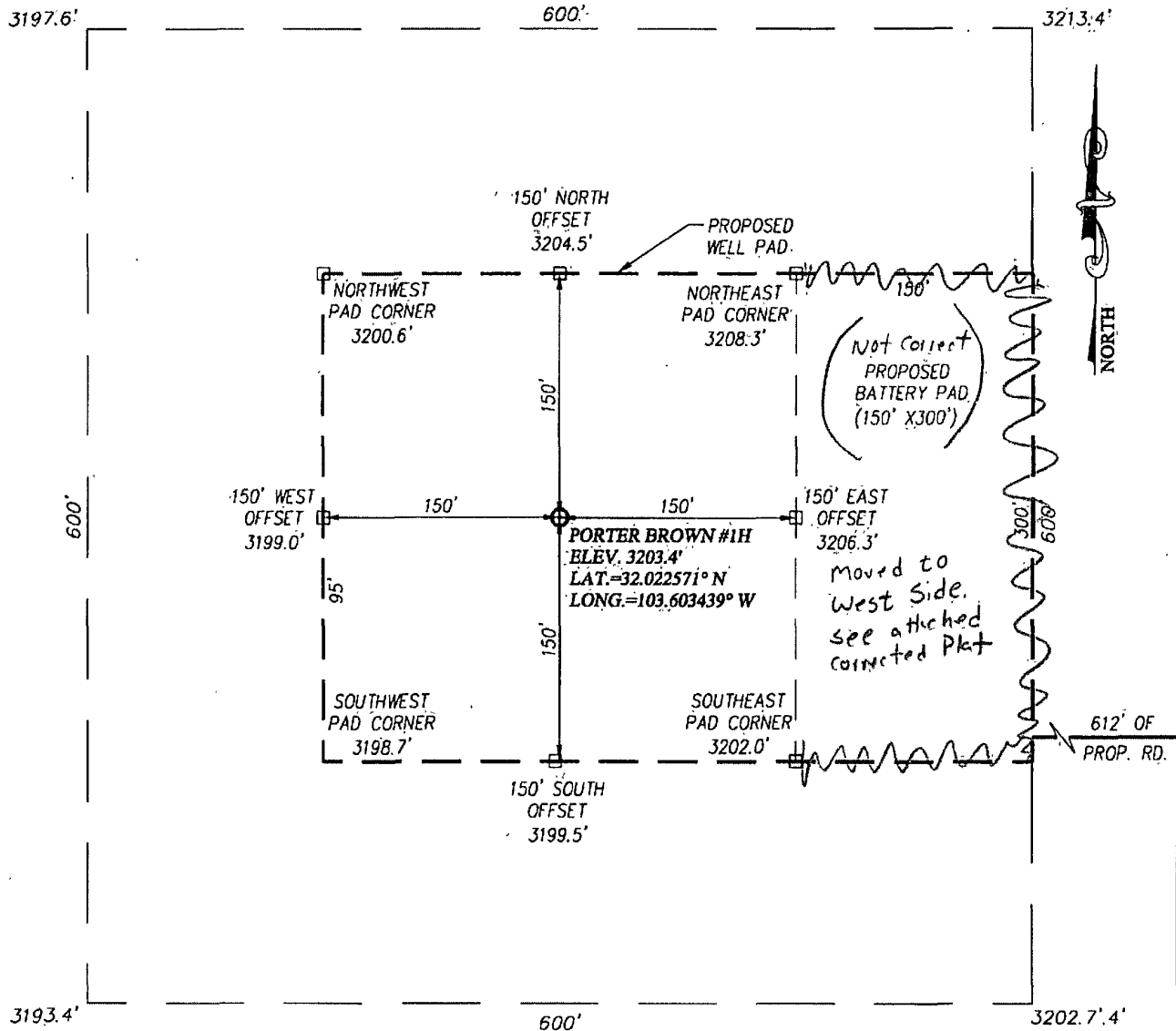

Darrell Hammons
Drilling & Completions Operator
Houston, TX

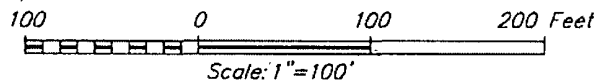
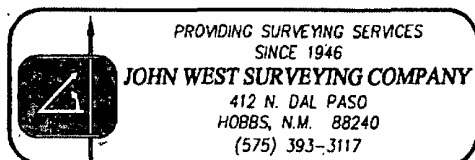
EXHIBIT 'A'

SECTION 19, TOWNSHIP 26 SOUTH, RANGE 33 EAST, N.M.P.M. LEA COUNTY, NEW MEXICO



DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF LEA CO. RD. #1 (ORLA ROAD) AND BATTLE AXE ROAD, GO EAST ON BATTLE AXE ROAD APPROX. 6.5 MILES; TURN LEFT AND GO NORTH APPROX. 0.4 MILES TO A PROPOSED ROAD SURVEY. FOLLOW ROAD SURVEY WEST APPROX. 612 FEET TO THIS WELL STAKE.

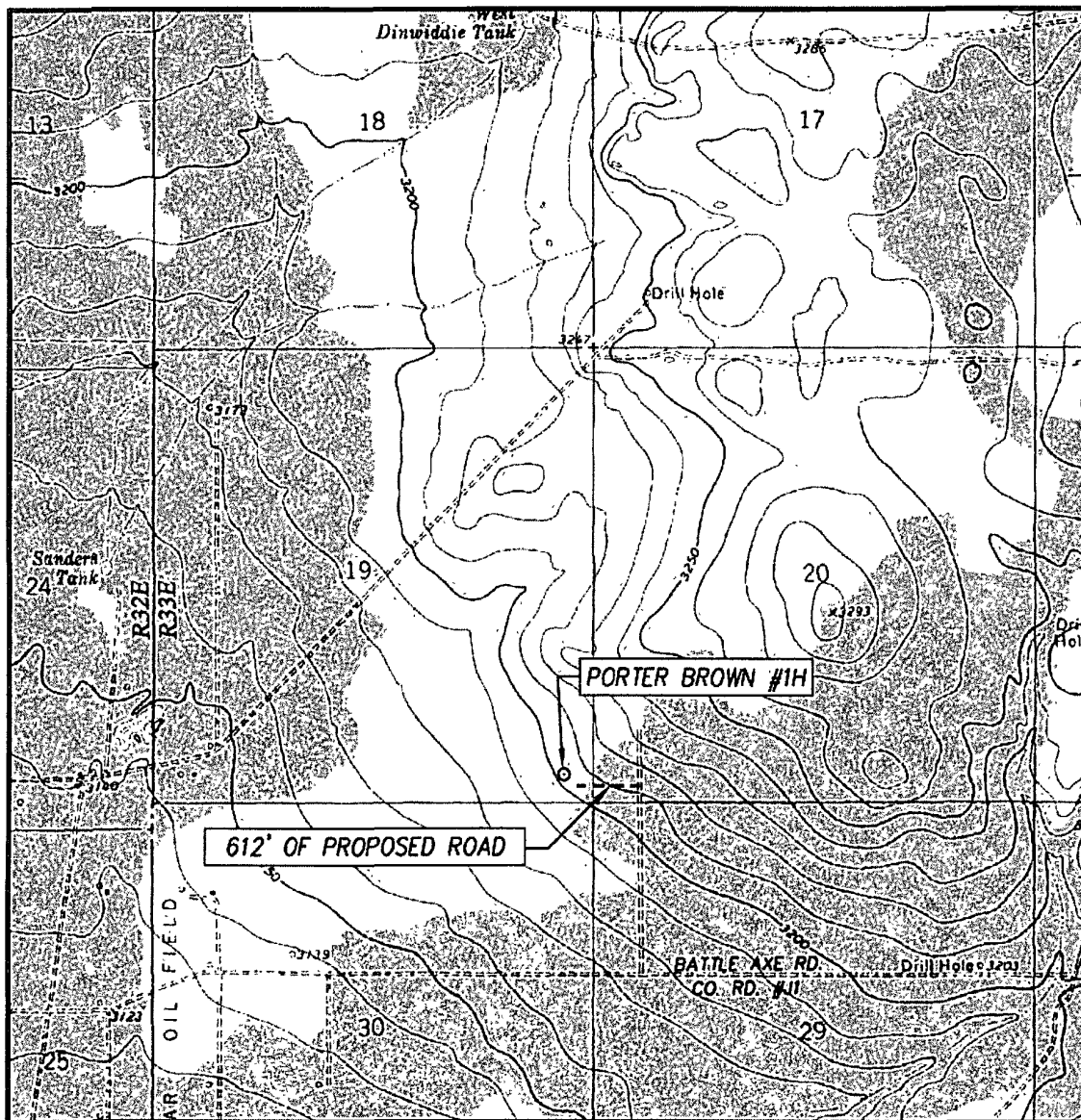


CHEVRON USA INC.

PORTER BROWN #1H WELL
LOCATED 340 FEET FROM THE SOUTH LINE
AND 340 FEET FROM THE EAST LINE OF SECTION 19,
TOWNSHIP 26 SOUTH, RANGE 33 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO.

Survey Date: 09/20/2011	Sheet 1 of 1 Sheets
W.O. Number: 11.11.1795	Dr. By: DSR/DSS
Date: 10/9/11	Rel. W.O.: 1111795
	Scale: 1"=100'

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:
PADUCA BREAKS EAST, N.M. - 10'

SEC. 19 TWP. 26-S RGE. 33-E

SURVEY N.M.P.M.

COUNTY LEA STATE NEW MEXICO

DESCRIPTION 340' FSL & 340' FEL

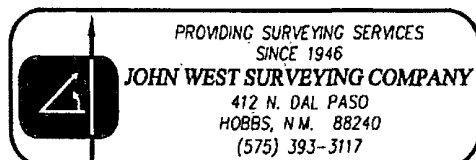
ELEVATION 3203'

OPERATOR CHEVRON USA, INC.

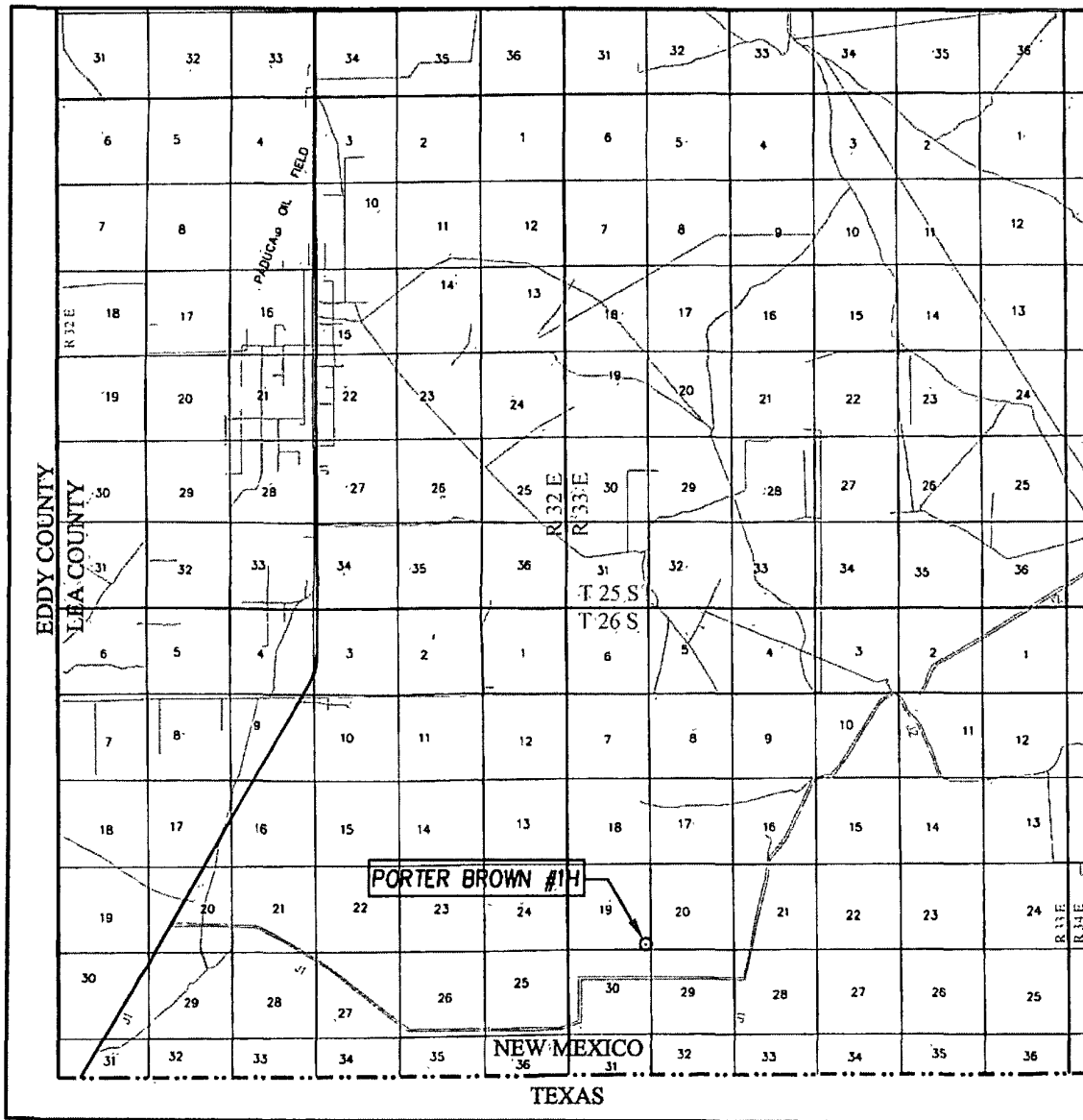
LEASE PORTER BROWN

U.S.G.S. TOPOGRAPHIC MAP

PADUCA BREAKS EAST, N.M.



VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 19 TWP. 26-S RGE. 33-E

SURVEY N.M.P.M.

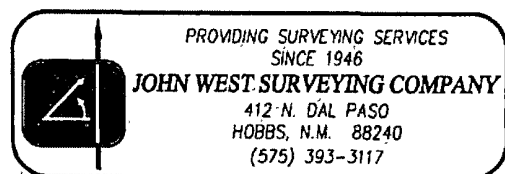
COUNTY LEA STATE NEW MEXICO

DESCRIPTION 340' FSL & 340' FEL

ELEVATION 3203'

OPERATOR CHEVRON USA, INC.

LEASE PORTER BROWN

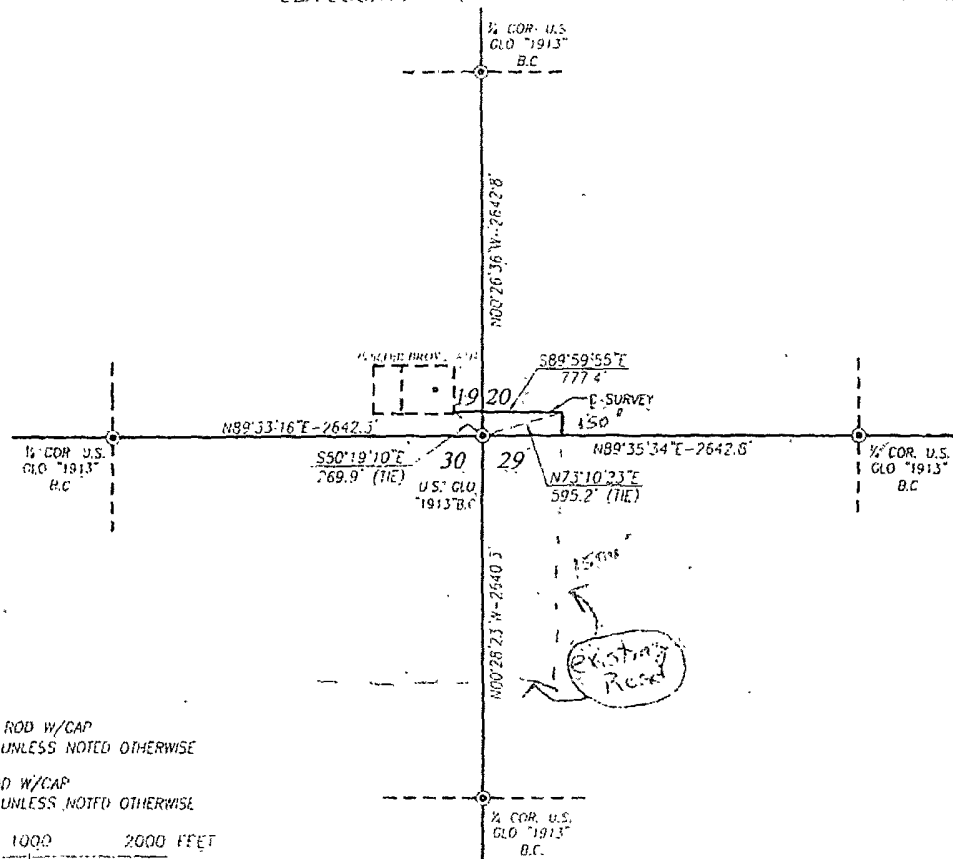


PROVIDING SURVEYING SERVICES
SINCE 1946

JOHN WEST SURVEYING COMPANY

412 N. DAL PASO
HOBBS, N.M. 88240
(575) 393-3117

SECTION 19 AND 20 TOWNSHIP 26 SOUTH, RANGE 33 EAST, N.M.P.M.,
LEA COUNTY
NEW MEXICO



LEGEND:

① - DENOTES FOUND 1/2" STL ROD W/CAP
MKD. "JWSC P.S. 12641" UNLESS NOTED OTHERWISE

② - DENOTES SET 1/2" STL ROD W/CAP
MKD. "JWSC P.S. 12641" UNLESS NOTED OTHERWISE

1000 0 1000 2000 FEET
Scale: 1" = 1000'



PROVIDING SURVEYING SERVICES
SINCE 1946
JOHN WEST SURVEYING COMPANY
412 N. DAL PASO
HOBBS, N.M. 88240
(505) 393-3117

DESCRIPTION
SURVEY OF A STRIP OF LAND 50.0 WIDE AND 777.4 FEET OR 0.147 MILES IN LENGTH
CROSSING USA LAND IN SECTIONS 19 AND 20 TOWNSHIP 26 SOUTH, RANGE 33, EAST,
N.M.P.M., LEA COUNTY, NEW MEXICO, AND BEING 25.0 FEET LEFT AND 25.0 FEET RIGHT OF
THE ABOVE CENTERLINE.

NOTE:

BEARINGS SHOWN HEREON ARE MERCATOR GRID AND CONFORM TO THE NEW MEXICO COORDINATE SYSTEM "NEW MEXICO EAST ZONE" NORTH AMERICAN DATUM, 1983. DISTANCES ARE SURFACE VALUES.

I, RONALD J. EIDSON, NEW MEXICO PROFESSIONAL SURVEYOR No. 3239, DO HEREBY CERTIFY THAT THIS SURVEY PLAT AND THE ACTUAL SURVEY ON THE GROUND UPON WHICH IT IS BASED, WERE PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION, THAT I AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY MEETS THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO, AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

RONALD J. EIDSON

DATE: 03/14/2012

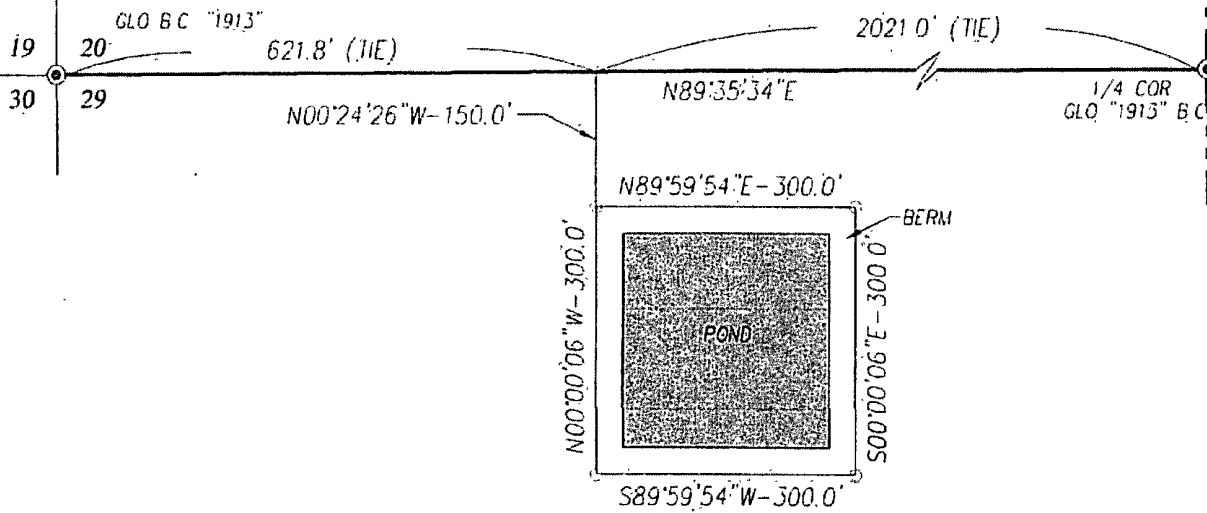
CHEVRON USA INC

CENTERLINE SURVEY OF AN ACCESS ROAD
CROSSING SECTION 19 AND 20
TOWNSHIP 26 SOUTH, RANGE 33 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO

Survey Date: 02/18/12	Sheet 1 of 1 Sheets
W.O. Number: 12.11.0194	Drawn By: AE
Date: 03/14/12 Rev:	Ref. W.O.#:

Exhibit "C"

SECTION 29, TOWNSHIP 26 SOUTH, RANGE 33 EAST, N.M.P.M.
LEA COUNTY NEW MEXICO



NOTE

BEARINGS SHOWN HEREON ARE MERCATOR GRID AND CONFORM TO THE NEW MEXICO COORDINATE SYSTEM "NEW MEXICO EAST ZONE" NORTH AMERICAN DATUM 1983. DISTANCES ARE SURFACE VALUES.

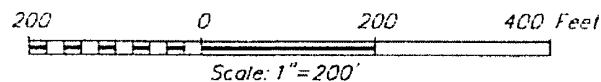
I, RONALD J. EIDSON, NEW MEXICO PROFESSIONAL SURVEYOR No. 3239, DO HEREBY CERTIFY THAT THIS SURVEY PLAT AND THE ACTUAL SURVEY ON THE GROUND FROM WHICH IT IS BASED WERE PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION THAT I AM RESPONSIBLE FOR THIS SURVEY; THAT THIS SURVEY MEETS THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO, AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

RONALD J. EIDSON

DATE: 03/18/2012

LEGEND

- DENOTES FOUND CORNER AS NOTED
- DENOTES SET SPIKE NAIL

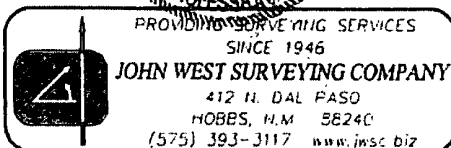


CHEVRON USA INC

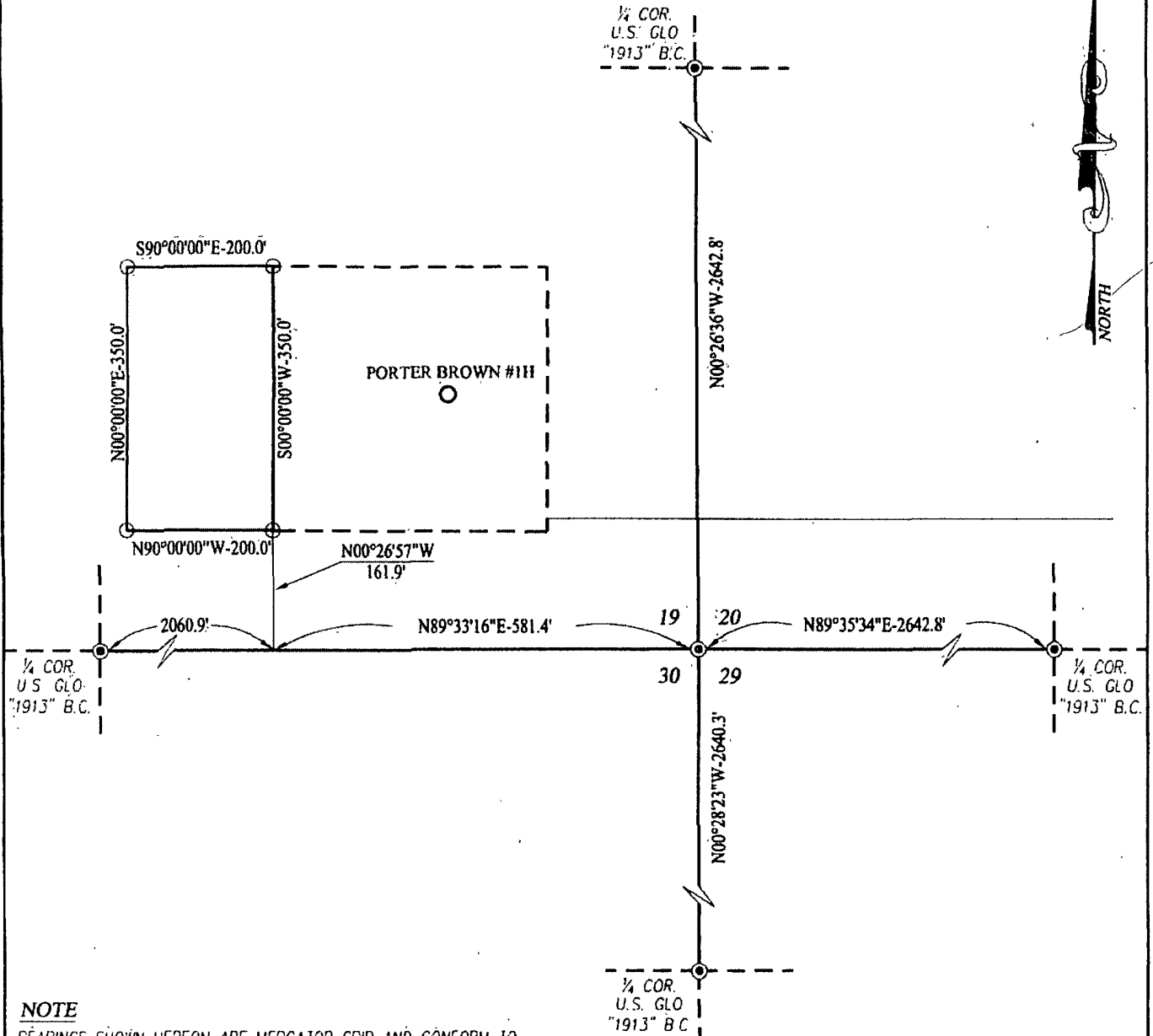
**SURVEY FOR A FRAC POND
SITUATED IN THE NW/4 OF SECTION 29,
TOWNSHIP 26 SOUTH, RANGE 33 EAST, N.M.P.M.
LEA COUNTY, NEW MEXICO**

Survey Date: 02/18/12	CAD Date: 03/15/12	Drawn By: AF
W.O. No.: 12110196	Rev:	Rel. W.O:

Sheet 1 of 1



SECTION 19 TOWNSHIP 26 SOUTH, RANGE 33 EAST, N.M.P.M.
LEA COUNTY NEW MEXICO



NOTE

BEARINGS SHOWN HEREON ARE MERCATOR GRID AND CONFORM TO THE NEW MEXICO COORDINATE SYSTEM "NEW MEXICO EAST ZONE" NORTH AMERICAN DATUM 1983 DISTANCES ARE SURFACE VALUES.

I, RONALD J. EIDSON, NEW MEXICO PROFESSIONAL SURVEYOR No 3239, DO HEREBY CERTIFY THAT THIS SURVEY PLAT AND THE ACTUAL SURVEY ON THE GROUND UPON WHICH IT IS BASED WERE PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM RESPONSIBLE FOR THIS SURVEY. THAT THIS SURVEY MEETS THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO, AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

RONALD J. EIDSON

DATE

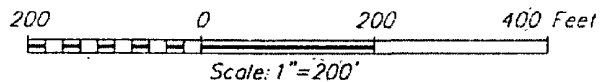
03/16/2012



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

LEGEND

- ⊙ DENOTES FOUND CORNER AS NOTED
- DENOTES SET SPIKE NAIL

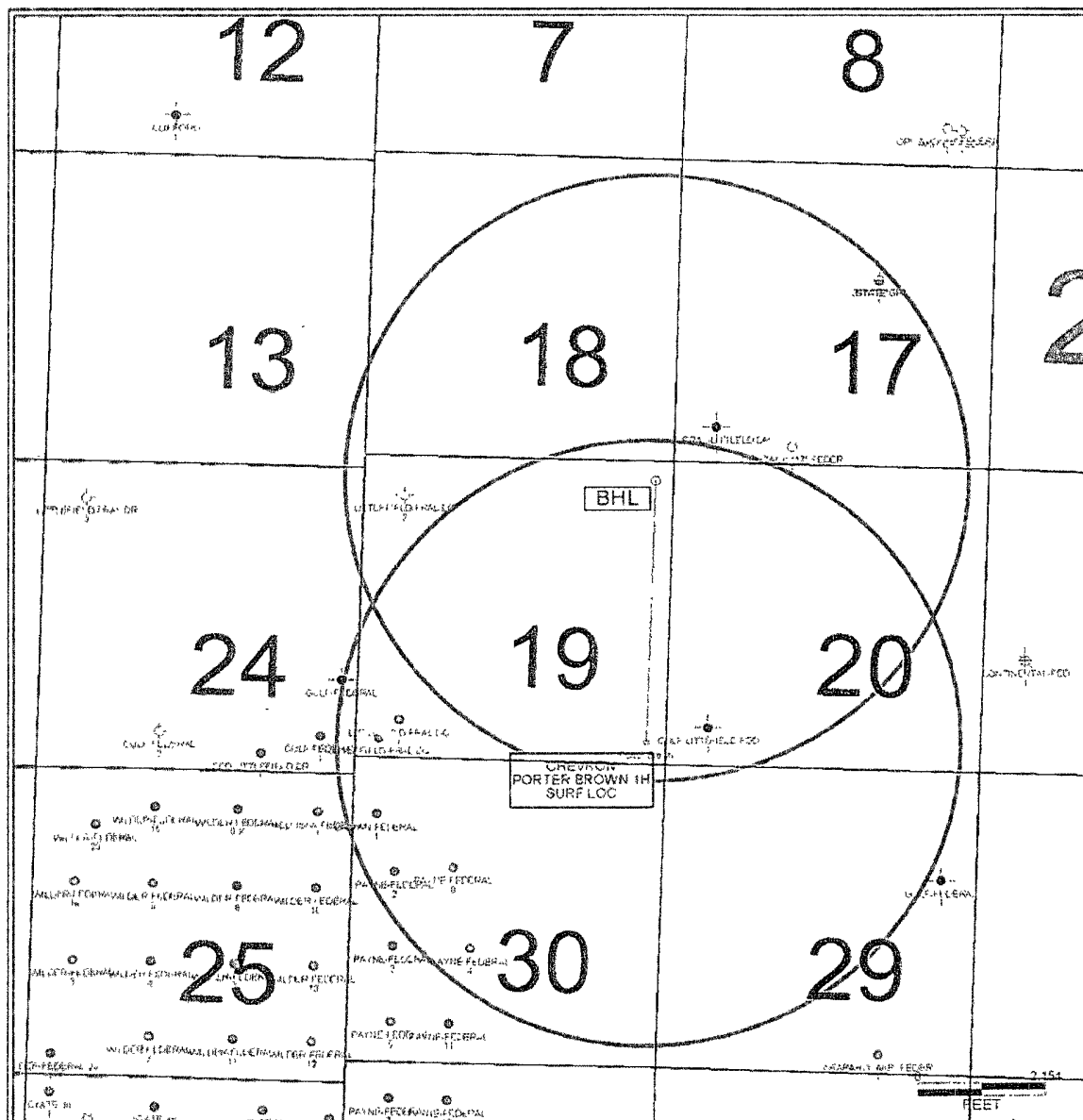


CHEVRON USA INC

**SURVEY FOR THE PORTER BROWN TANK BATTERY
SITUATED IN THE SE/4 OF SECTION 19,
TOWNSHIP 26 SOUTH, RANGE 33 EAST, N.M.P.M.
LEA COUNTY, NEW MEXICO**

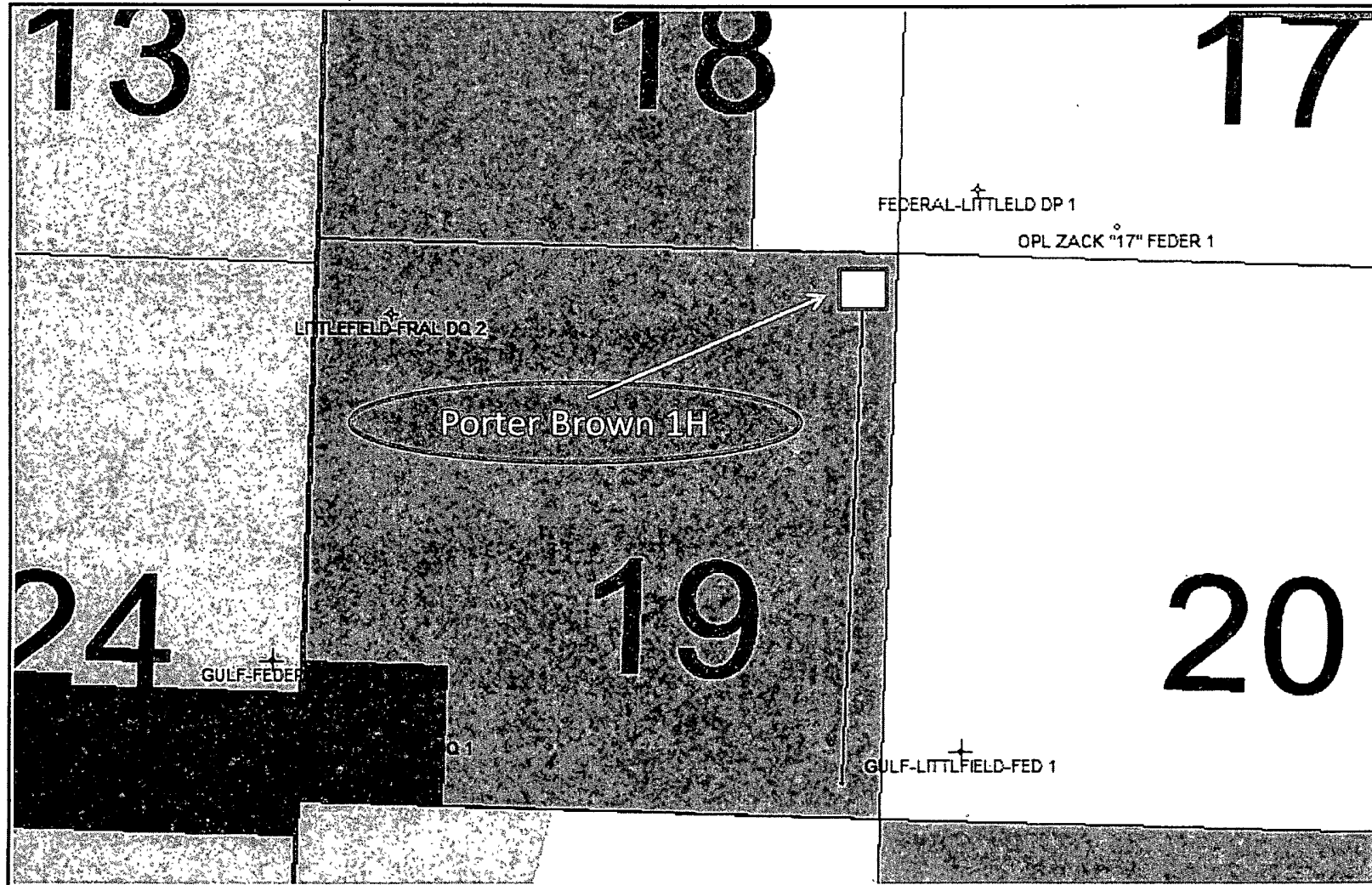
Survey Date: 02/16/12	CAD Date: 03/15/12	Drawn By: AF
W.O. No: 12110195	Rev: 12/10/12	Rel. W.O:

Sheet 1 of 1

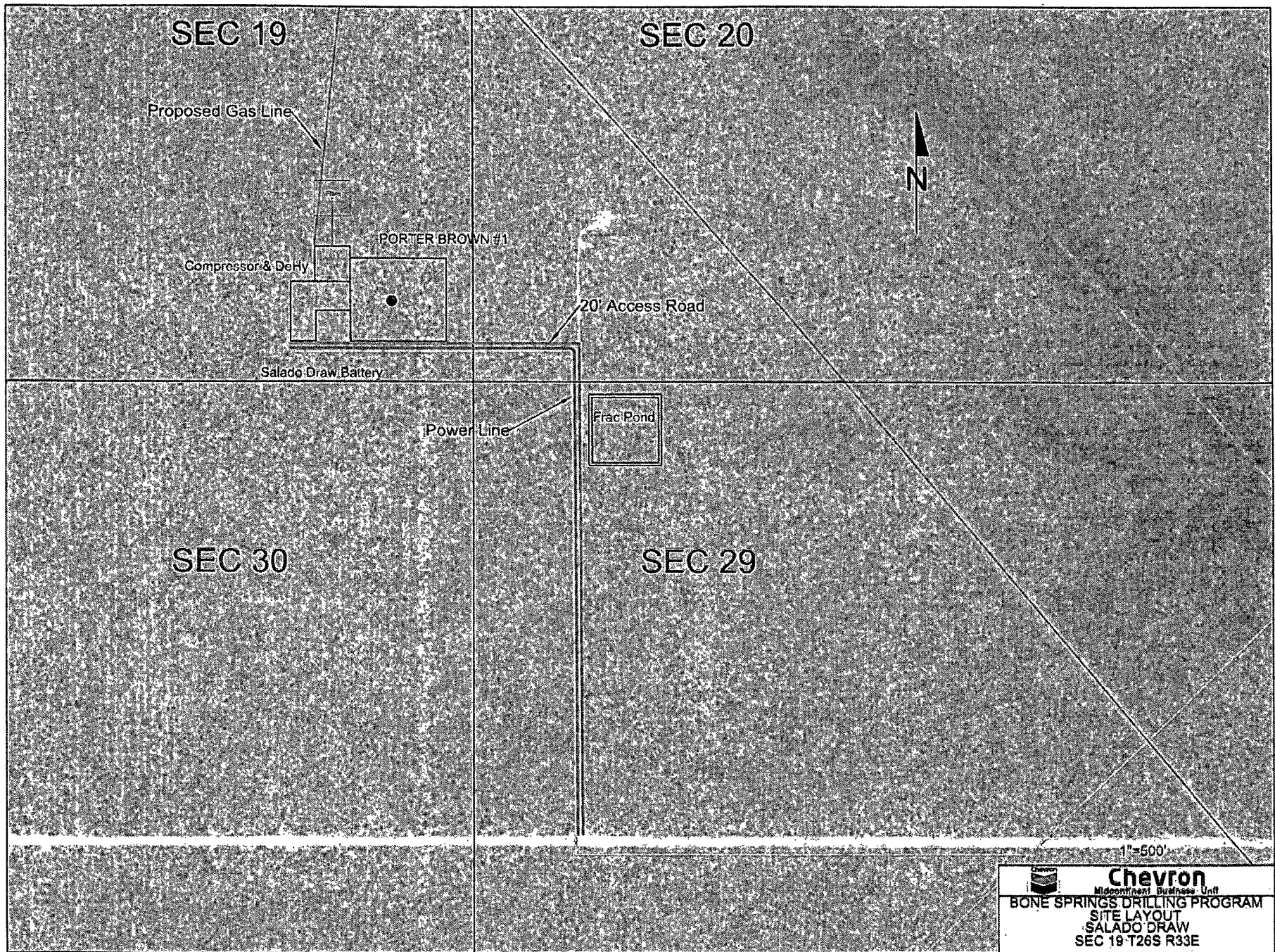


Chevron
 Porter Brown 1H
 Surface & Bottom hole locations
 With 1 mile radii
 T26S-R33E
 Lea County, New Mexico

EXHIBIT "D"



☐ = Surface Location



	Chevron Midcontinent Business Unit
BONE SPRINGS DRILLING PROGRAM	
SITE LAYOUT	
SALADO DRAW	
SEC 19 T26S R33E	

SEC 19

SEC 20

Proposed Gas Line

Compressor & DeHy

PORTER BROWN #1

20' Access Road

Salado Draw Battery

Power Line

Frac Pond

SEC 30

SEC 29

1"=500'



Chevron

Midcontinent Business Unit

BONE SPRINGS DRILLING PROGRAM

SITE LAYOUT

SALADO DRAW

SEC 19 T26S R33E