

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-8161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-8178 Fax:(505) 334-8170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3482

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form C-101
August 1, 2011
Permit 104497

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

1. Operator Name and Address NADEL AND GUSSMAN PERMIAN, LLC 601 N MARIENFELD MIDLAND, TX 79701		2. OGRID Number 155615
4. Property Code 313822		3. API Number 30-025-42204
5. Property Name BULLFIGHTER STATE		6. Well No. 003H

7. Surface Location

UL - Lot	P	Section	36	Township	18S	Range	33E	Lot Idn	P	Feet From	250	N/S Line	S	Feet From	330	E/W Line	E	County	Lea
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8. Proposed Bottom Hole Location

UL - Lot	A	Section	36	Township	18S	Range	33E	Lot Idn	A	Feet From	330	N/S Line	N	Feet From	330	E/W Line	E	County	Lea
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9. Pool Information

E-K:BONE SPRING	21650
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Additional Well Information

11. Work Type New Well	12. Well Type OIL	13. Cable/Rotary	14. Lease Type State	15. Ground Level Elevation 3809
16. Multiple N	17. Proposed Depth 14200	18. Formation 2nd Bone Spring Sand	19. Contractor	20. Spud Date 3/1/2015
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

☐ We will be using a closed-loop system in lieu of lined pits

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	54.5	1600	900	0
Int1	12.25	9.625	36	3200	1000	0
Prod	8.75	5.5	17	14200	1850	2700

Casing/Cement Program: Additional Comments

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22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	5000	5000	SHAFFER
Double Ram	5000	5000	SHAFFER

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify I have complied with 19.15.14.9 (A) NMAC ☒ and/or 19.15.14.9 (B) NMAC ☒ , if applicable. Signature:	OIL CONSERVATION DIVISION
Printed Name: Electronically filed by Scott Germann	Approved By: Paul Kautz
Title: General Manager	Title: Geologist
Email Address: sgerman@naguss.com	Approved Date: 10/24/2014 Expiration Date: 10/24/2016
Date: 10/24/2014 Phone: 432-682-4429	Conditions of Approval Attached

FLAMENDED REPORT

NAD 27 NME BOTTOM HOLE LOCATION Y= 622927.6 N X= 722934.0 E LAT.=32.710431° N LONG.=103.608543° W	NAD 83 NME BOTTOM HOLE LOCATION Y= 622991.6 N X= 764113.4 E LAT.=32.710553° N LONG.=103.609041° W
CORNER COORDINATES TABLE NAD 27 NME A - Y= 623247.0 N, X= 721941.4 E B - Y= 623261.1 N, X= 723261.4 E C - Y= 617979.2 N, X= 723301.0 E D - Y= 617965.3 N, X= 721981.4 E	
CORNER COORDINATES TABLE NAD 83 NME A - Y= 623310.9 N, X= 763120.7 E B - Y= 623325.0 N, X= 764440.8 E C - Y= 618043.0 N, X= 764480.6 E D - Y= 618029.1 N, X= 763160.9 E	
GEODETIC COORDINATES NAD 27 NME SURFACE LOCATION Y= 618225.7 N X= 722969.3 E LAT.=32.697506° N LONG.=103.608533° W	GEODETIC COORDINATES NAD 83 NME SURFACE LOCATION Y= 618289.5 N X= 764148.8 E LAT.=32.697629° N LONG.=103.609030° W

330'
B.H.

GRID AZ = 359°34'07"
HORZ. DIST = 4703.2'

250'
C

OPERATOR CERTIFICATION

I hereby certify that the information 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order hereinafter entered by the division.

Sarah Presley
Signature

Sarah Presley
Printed Name

SPresley@naguss.com
E-mail Address

10.22.14
Date

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plot 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

OCTOBER 13, 2014

Date of Survey

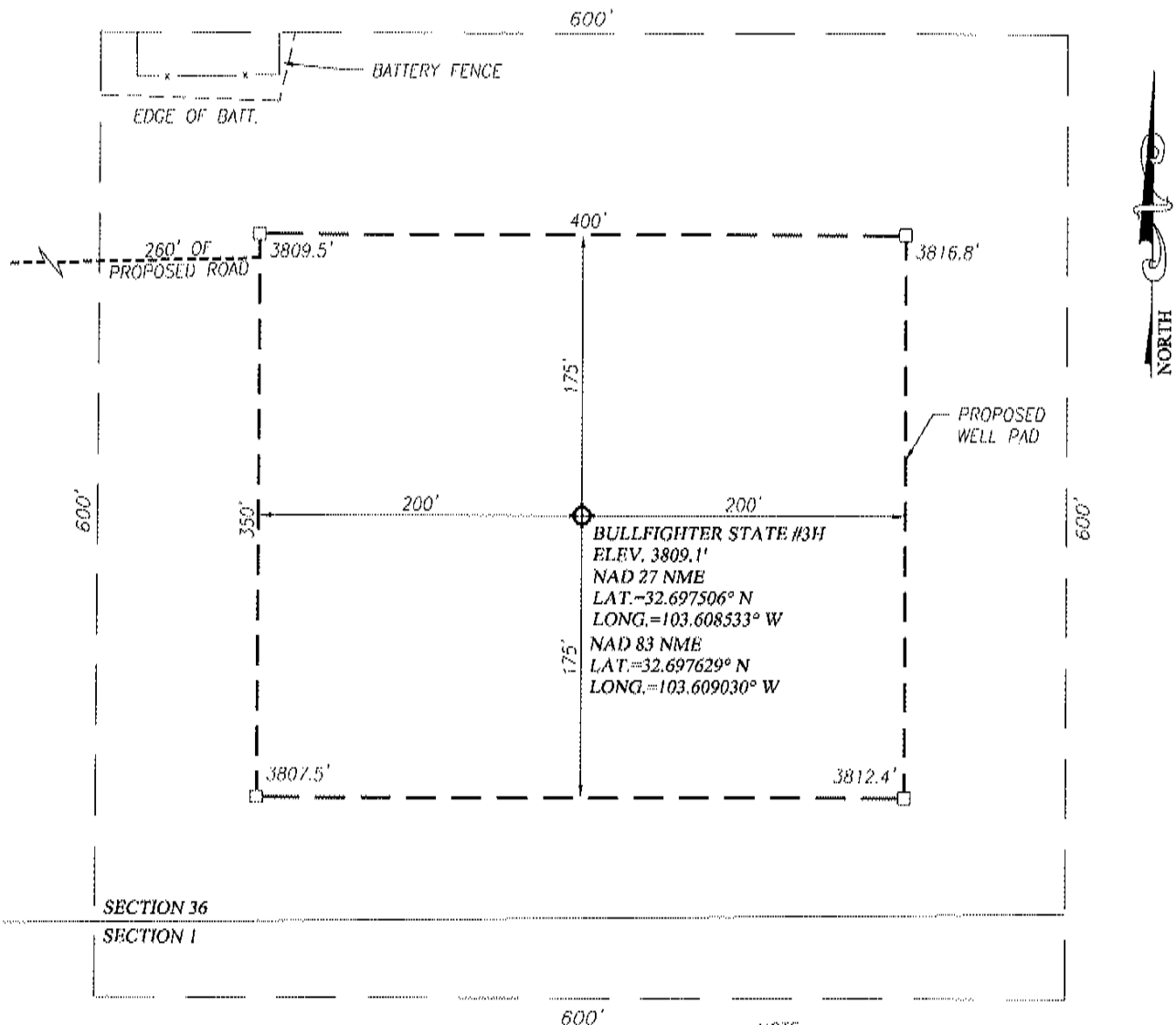
Signature & Seal of Professional Surveyor



Gary E. Edson
Signature

10/21/14
Date

Certificate Number **12641**
Surveyor **Gary E. Edson**
Surveyor **Ronald J. Edson**
L.S.L. **10/21/14**

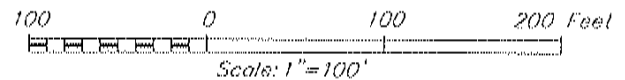


DIRECTIONS TO BULLFIGHTER STATE #1H:

FROM THE INTERSECTION OF HIGHWAY 62-180 AND ST. HWY. 529; GO NORTHWEST ON ST. HWY. 529 APPROX. 14.4 MILES TO CO RD. L125 (QUERCHO RD.); GO SOUTHWEST ON QUERCHO RD. APPROX. 0.15 MILES; VEER LEFT AND GO SOUTH APPROX. 1.0 MILE; VEER LEFT AND GO SOUTHEAST APPROX. 0.7 MILES; TURN LEFT AND GO EAST APPROX. 0.3 MILES; TURN RIGHT AND GO SOUTH 0.6 MILES TURN RIGHT AND GO SOUTHWEST APPROX. 1.0 MILE VEER RIGHT AND GO EAST APPROX. 0.3 MILES; TURN LEFT AND GO SOUTH APPROX. 0.25 MILES; VEER LEFT AND GO SOUTHEAST APPROX. 0.5 MILES; TURN RIGHT AND GO SOUTHWEST APPROX. 350' TO THE NORTHWEST CORNER BULLFIGHTER ST. #2H PROPOSED WELL PAD GO EAST 260' TO WELL. APPROX. 255' TO THIS LOCATION.

NOTE:

1) SEE "LOCATION VERIFICATION MAP" FOR PROPOSED ROAD LOCATION.



NADEL & GUSSMAN PERMIAN, LLC

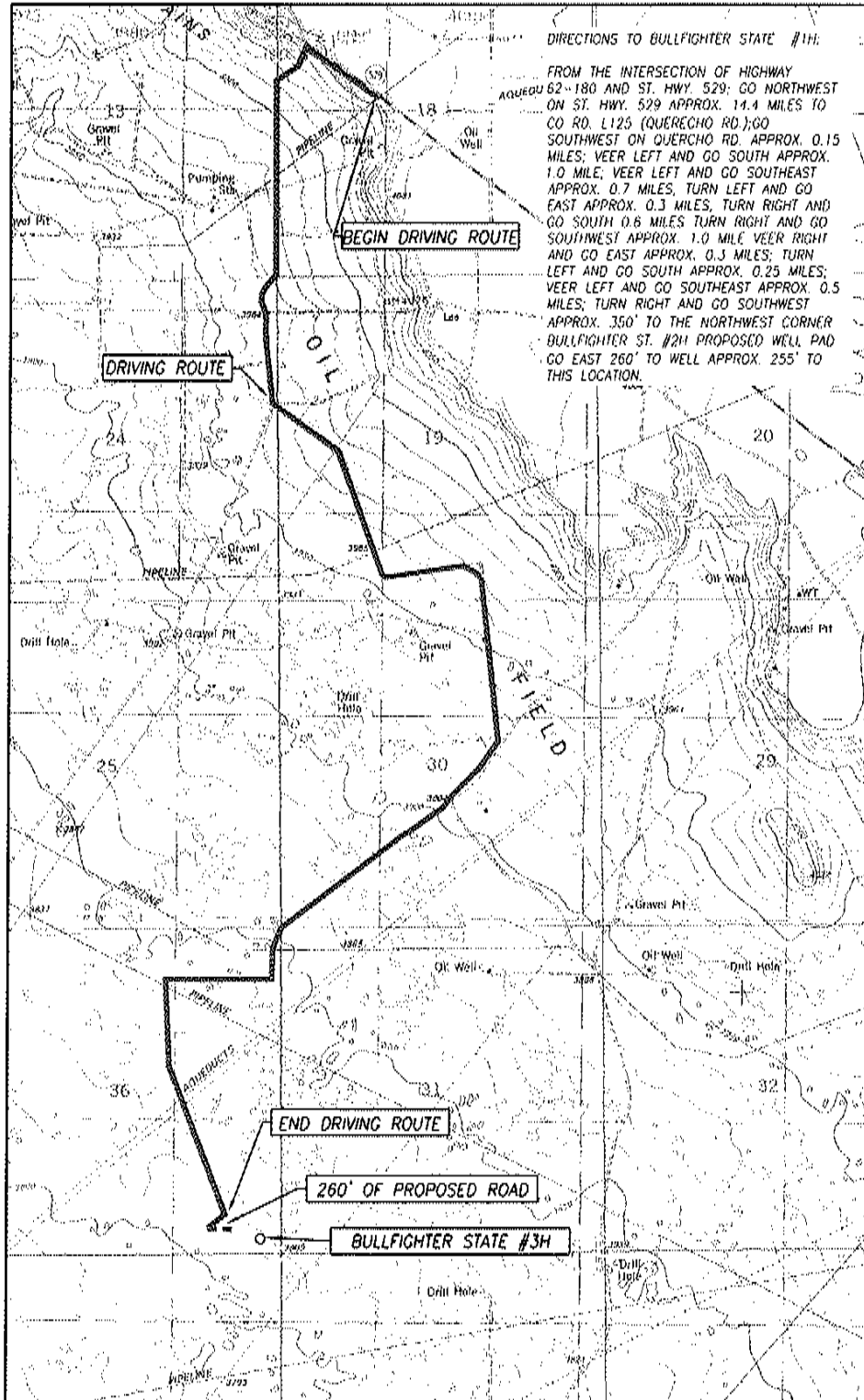
BULLFIGHTER STATE #3H WELL
 LOCATED 250 FEET FROM THE SOUTH LINE
 AND 330 FEET FROM THE EAST LINE OF SECTION 36,
 TOWNSHIP 18 SOUTH, RANGE 33 EAST, N.M.P.M.,
 LEA COUNTY, NEW MEXICO



PROVIDING SURVEYING SERVICES
 SINCE 1946
JOHN WEST SURVEYING COMPANY
 412 N. DAL PASO HOBBS, N.M. 88240
 (575) 393-3117 www.jwsc.biz
 TBPLS# 10021000

Survey Date: 10/13/14	CAD Date: 10/20/14	Drawn By: LSL
W.O. No.: 14111074	Rev: .	Rel. W.O.: Sheet 1 of 1

LOCATION VERIFICATION MAP



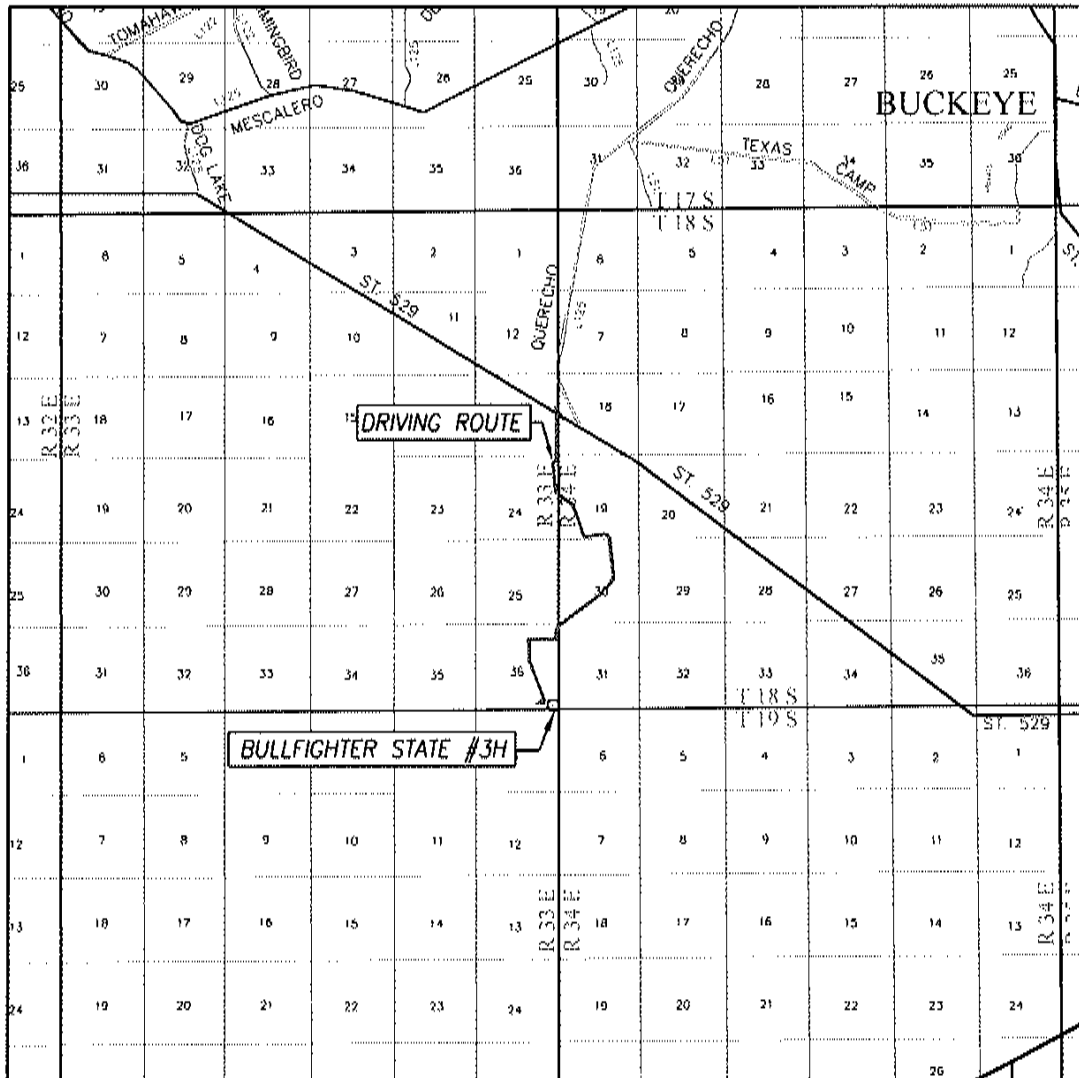
SEC. 36 TWP. 18-S RGE. 31-E
 COUNTY LEA STATE NEW MEXICO
 DESCRIPTION 250' FSL & 330' FEL
 ELEVATION 3809
 OPERATOR NADEL & CUSSMAN PERMIAN, LLC
 LEASE BULLFIGHTER STATE
 U.S.G.S. TOPOGRAPHIC MAP
 IRONHOUSE WELL N.M. SURVEY N.M.P.M.

SCALE: 1" = 2000'

CONTOUR INTERVAL:
 IRONHOUSE WELL, N.M. - 10'

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 T8PLS# 10021000

VICINITY MAP



SCALE: 1" = 2 MILES

DRIVING ROUTE: SEE LOCATION VERIFICATION MAP

SEC. 36 TWP. 18-S RGE. 33-E

SURVEY N.M.P.M.

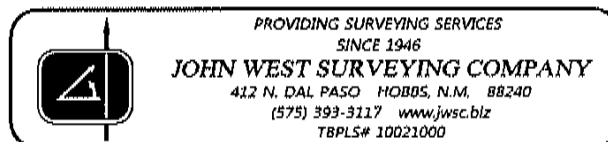
COUNTY LEA STATE NEW MEXICO

DESCRIPTION 250' FSL & 330' FWL

ELEVATION 3809'

OPERATOR NADEL & GUSSMAN PERMAN, LLC

LEASE BULLFIGHTER STATE



PROVIDING SURVEYING SERVICES
SINCE 1946

JOHN WEST SURVEYING COMPANY

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Form APD Comments

Permit 104497

PERMIT COMMENTS

Operator Name and Address: NADEL AND GUSSMAN PERMIAN, LLC [155615] 601 N MARIENFELD MIDLAND , TX 79701	API Number: 30-025-42204
	Well: BULLFIGHTER STATE #003H

Created By	Comment	Comment Date
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Form APD Conditions

Permit 104497

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: NADEL AND GUSSMAN PERMIAN, LLC [155615] 601 N MARIENFELD MIDLAND , TX 79701	API Number: 30-025-42204
	Well: BULLFIGHTER STATE #003H

OCD Reviewer	Condition
pkautz	Will require a directional survey with the C-104
pkautz	Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string
pkautz	If using a pit for drilling and completion operations, must have an approved pit from prior to spudding the well.
pkautz	1) SURFACE & INTERMEDIATE CASING - Cement must circulate to surface -- 2) PRODUCTION CASING - Cement must tie back into intermediate casing --
pkautz	If cement does not circulate to surface, must run temperature survey or other log to determine top of cement