

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

WELL API NO.

30-025-63415

5. Indicate Type of Lease
STATE ☐ FEE ☒

State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:
OIL WELL ☐ GAS WELL ☐ DRY ☒ OTHER _____

b. Type of Completion:
NEW ☒ WORK ☐ PLUG ☐ DIFF. ☐
WELL OVER DEEPEN BACK RESVR. OTHER

2. Name of Operator
Nadel and Gussman Permian, L.L.C.

3. Address of Operator
601 N Marienfeld, Suite 508, Midland, Texas 79701

7. Lease Name or Unit Agreement Name

Buffalo Hunt 21

8. Well No.

1

9. Pool name or Wildcat

Wildcat Atoka-Morrow

4. Well Location

Unit Letter **O** : **660'** Feet From The **South** Line and **1980'** Feet From The **East** Line

Section **21** Township **13 S** Range **27 E** NMPM **Chaves** County

10. Date Spudded **10-26-01** 10. Date T.D. Reached **11-13-01** 11. Date Compl. (Ready to Prod.)
12. Elevations (DF& RKB, RT, GR, etc.) **3474' GL, 3491' KB** 13. Elev. Casinghead **3474'**

14. Total Depth **7,297'** 15. Plug Back T.D.
16. If Multiple Compl. How Many Zones? 18. Intervals Drilled By **100%** Rotary Tools Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name

20. Was Directional Survey Made
no

21. Type Electric and Other Logs Run

Schlumberger: LDT/CNL/GR, DLL/ML, BHC

21. Was Well Cored
no

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	48#, H-40	313'	17-1/2"	340 sx, cement circulated	
9-5/8"	36#, J-55	1519'	12-1/4"	690 sx, cement circulated	
		7297'	8-3/4"		

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET

26. Perforation record (interval, size, and number)

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.
DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED

28. PRODUCTION

Date First Production Production Method (Flowing, gas lift, pumping - Size and type pump) Well Status (Prod. or Shut-in)

Date of Test	Hours Tested	Choke Size	Production For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
Flow Tubing Press.	Casing Pressure	Calc 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Test Witnessed By

30. List Attachments

Deviation survey and wellbore schematic

31. I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief

Signature  Printed Name **Robert McNaughton** Title **Operations Engineer** Date **11-16-01**

INSTRUCTIONS

Buffalo Hunt 21 #1

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

T. Anhy _____
 T. Salt _____
 B. Salt _____
 T. Yates _____
 T. 7 Rivers _____
 T. Queen _____
 T. Grayburg _____
 T. San Andres 1202'
 T. Glorieta 2505'
 T. Paddock _____
 T. Blinbry _____
 T. Tubb 4094'
 T. Drinkard _____
 T. Abo Shale 4722'
 T. Wolfcamp 5729'
 T. Penn _____
 T. Abo Dolomite 5118'

T. Canyon _____
 T. Strawn _____
 T. Atoka Lime 6421'
 T. Miss 7160'
 T. Devonian _____
 T. Silurian _____
 T. Montoya _____
 T. Simpson _____
 T. McKee _____
 T. Ellenburger _____
 T. Gr. Wash _____
 T. Delaware Sand _____
 T. Bone Springs _____
 T. Morrow lime _____
 T. Morrow Clastics _____
 T. Atoka Clastics 6935'
 T. Strawn Lime _____

Northwestern New Mexico

T. Ojo Alamo _____
 T. Kirtland-Fruitland _____
 T. Pictured Cliffs _____
 T. Cliff House _____
 T. Menefee _____
 T. Point Lookout _____
 T. Mancos _____
 T. Gallup _____
 Base Greenhorn _____
 T. Dakota _____
 T. Morrison _____
 T. Todilto _____
 T. Entrada _____
 T. Wingate _____
 T. Chinle _____
 T. Permian _____
 T. Penn "A" _____

T. Penn. "B" _____
 T. Penn. "C" _____
 T. Penn. "D" _____
 T. Leadville _____
 T. Madison _____
 T. Elbert _____
 T. McCracken _____
 T. Ignacio Otzte _____
 T. Granite _____
 T. _____
 T. _____
 T. _____
 T. _____
 T. _____
 T. _____
 T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from..... NONEto.....
 No. 2, from.....to.....
 No. 3, from.....to.....
 No. 4, from.....to.....

IMPORTANT WATER SAND

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....NONE.....to.....feet.....
 No. 2, from.....to.....feet.....

LITHOLOGY RECORD

From	To	Thickness In Feet	Lithology
0	4722'		dolomite, shale
4722'	5118'		shale
5118'	5729'		dolomite, shale
5729'	7160'		Lime, shale
7160'	7297'		Lime, chert, shale

DRILL STEM TESTS

DST			Results
			NONE

LADELL AND GUSSMAN PERMIAN

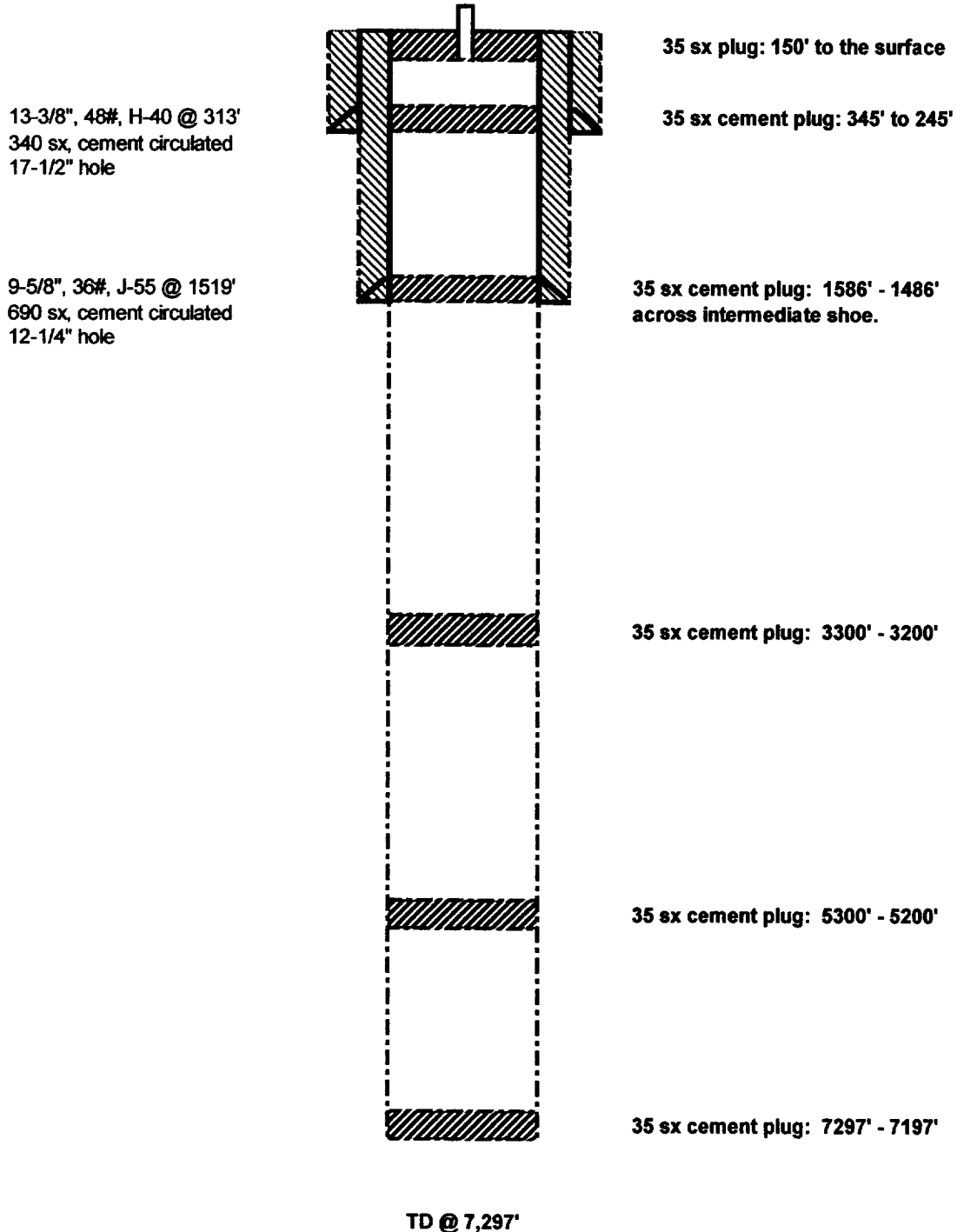
Buffalo Hunt 21 No. 1

660' FSL, 1980' FEL, Unit O, Sec 21, 13 S, 27 E, Chaves County, NM

API # 30 - 005 - 63415

Elev: 3474', KB = 3491'

Drilled and Abandoned: 11-14-01



OPERATOR: NADEL & GLOSSMAN LLC
WELL/LEASE: BUFFALO HUNT #1
COUNTY: CHAVES

071-0007

STATE OF NEW MEXICO
DEVIATION REPORT

315	1 1/4
515	3/4
1,005	1
1,520	1/2
1,729	1/4
2,015	1/2
2,300	1/2
2,680	3/4
3,061	3/4
3,505	3/4
3,877	3/4
4,256	1/2
4,625	3
4,720	3 1/4
4,816	2 3/4
4,911	1 1/2
5,197	1 1/2
5,351	1
5,604	1 1/2
5,887	1/2
6,144	1
6,332	1
6,515	1/4
6,741	3/4
6,962	1
7,182	1 1/2

By: Steve Moore

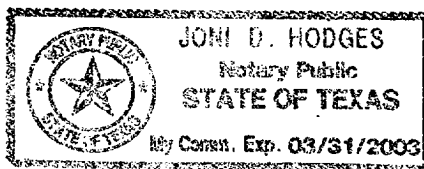
STATE OF TEXAS

COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on this 16th day of November, 2001, by Steve Moore on behalf of Patterson-UTI Drilling Company LP, LLLP.

Joni D. Hodges
Notary Public for Midland County, Texas

My Commission Expires: 3/31/2003



Office

District I

1625 N. French Dr., Hobbs, NM 87240

District II

811 South First, Artesia, NM 87210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

2040 South Pacheco, Santa Fe, NM 87501

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103

Revised March 25, 1999

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, NM 87505

WELL API NO.

30 - 005 - 63415

5. Indicate Type of Lease

STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement
Name:

Buffalo Hunt 21

8. Well No.

1

9. Pool name or Wildcat

Wildcat Atoka-Morrow

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:

Oil Well ☐ Gas Well ☐ Other ☒ Drilled and Abandoned

2. Name of Operator

Nadel and Gussman Permian, L.L.C. OGRID # 155615

3. Address of Operator

601 N Marienfeld, Suite 508, Midland, Texas 79701

4. Well Location

Unit Letter O : 660' feet from the South line and 1980' feet from the East lineSection 21 Township 13 - S Range 27 - E NMPM Chaves County

1. Elevation (Show whether DR, RKB, RT, GR, etc.)

3474' GL, 3491' KB

11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐TEMPORARILY ABANDON ☐ CHANGE PLANS ☐PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐OTHER ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☒CASING TEST AND CEMENT JOB ☐OTHER ☐

Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Notice of reaching total depth and plugging well.

11/12/01 TD 8¾" hole at 7297' and circulated mud. Short tripped 35 stands. Strapped OOH (no correction) and rigged up Schlumberger. Ran GR/DSN/SDL, DLL/MLL and LSS. RD loggers.

11/13/01 TIH with bit and circulated hole. Called Artesia NMOCDD for plugging instructions. POOH and LD drill collars. PU 31 jts DP and TIH open-ended. Washed 94' to bottom and RU BJ services. Pumped plug #1: 35 sx at 7297' - 7197'. LD 63 jts DP and pumped plug #2: 35 sx at 5300' - 5200'.

11/14/01 Pumped plug #3: 35 sx at 3300' - 2200'. LD 55 jts DP and pumped plug #4: 35 sx at 1586' - 1486'. LD 39 jts DP and pumped plug #5: 35 sx at 345' - 245'. LD 6 jts DP and pumped plug #6: 35 sx from 150' to the surface. LD DP and kelly. ND BOP and cleaned the pits. Released drilling rig.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE [Signature] TITLE Operations Engineer DATE 11-20-01Type or print name Robert McNaughtonTelephone No. 915 - 682 - 4429

(This space for State use)

APPROVED BY ORIGINAL SIGNED BY TIM W. CUM
DISTRICT H SUPERVISOR TITLEDATE JAN 28 2002

Conditions of approval, if any: