

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies
DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

P.O. Drawer DD, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-105
Revised 1-1-89

WELL API NO.

30-025-31204

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

NM-878

7. Lease Name or Unit Agreement Name

CENTRAL VACUUM UNIT

8. Well No.

345

9. Pool name or Wildcat

VACUUM GRAYBURG SAN ANDRES

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:

OIL WELL ☒

GAS WELL ☐

DRY ☐

OTHER ☐

b. Type of Completion:

NEW WELL ☒

WORK OVER ☐

DEEPEN ☐

PLUG BACK ☐

DIFF RESVR ☐

OTHER ☐

2. Name of Operator

TEXACO EXPLORATION & PRODUCTION INC.

3. Address of Operator

P. O. Box 3109, Midland, Texas 79702

4. Well Location

Unit Letter N: 1310 Feet From The SOUTH Line and 1850 Feet From The WEST Line

Section 31

Township 17-SOUTH

Range 35-EAST

NMPM LEA

County

10. Date Spudded

05-07-91

11. Date T.D. Reached

05-27-91

12. Date Compl. (Ready to Prod.)

07-29-91

13. Elevations (DF & RKB, RT, GR, etc.)

GR-3986', KB-4001'

14. Elev. Casinghead

3986'

15. Total Depth

4840'

16. Plug Back T.D.

4615'

17. If Multiple Compl. How

Many Zones?

18. Intervals

Drilled By

Rotary Tools

0 - 4840'

Cable Tools

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

4309' - 4590': SAN ANDRES

20. Was Directional Survey Made

YES

21. Type Electric and Other Logs Run

GR-DLL-MSFL-CAL, GR-BHC-SONIC, GR-CNL-LDT

22. Was Well Cored

YES

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 & 54.5#	1550'	17 1/2	1600 SX, CIRC 495 SX	
9 5/8	36#	2800'	12 1/4	1550 SX, CIRC 664 SX	
				D. V. TOOL @ 1637'	
7	26#	4840'	8 3/4	900 SX, TOC @ 250' BY T.S	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	25. TUBING RECORD	SIZE	DEPTH SET	PACKER SET
					2 7/8	4253'		

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

4309' - 4410': 46 HOLES

4426' - 4467': 42 HOLES

4514' - 4590': 36 HOLES

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL

AMOUNT AND KIND MATERIAL USED

4309' - 4410'

ACID-2700 GAL 15% NEFE

4426' - 4467'

ACID-2700 GAL 15% NEFE

4514' - 4590'

ACID-2500 GAL 15% NEFE

28. PRODUCTION

Date First Production

06-10-91

Production Method (Flowing, gas lift, pumping - Size and type pump)

SUBMERSIBLE PUMP

Well Status (Prod. or Shut-in)

PRODUCING

Date of Test

08-03-91

Hours Tested

24

Choke Size

Prod'n For

Test Period

Oil - Bbl.

49

Gas - MCF

41

Water - Bbl.

1451

Gas - Oil Ratio

837

Flow Tubing Press.

Casing Pressure

Calculated 24-

Hour Rate

Oil - Bbl.

Gas - MCF

Water - Bbl.

Oil Gravity - API - (Corr.)

38.6

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

SOLD

Test Witnessed By

KIRBY LOCKLAR

30. List Attachments

DEVIATION SURVEY

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

Signature

C.P. Basham / CWL

Printed

Name C. P. BASHAM

Title DRLG. OPNS. MGR.

Date 08-06-91

INSTRUCTIONS

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 1476'
T. Salt 1585'
B. Salt 2657'
T. Yates 2843'
T. 7 Rivers 3153'
T. Queen 3728'
T. Grayburg 4006'
T. San Andres 4357'
T. Glorieta
T. Paddock
T. Blinbry
T. Tubb
T. Drinkard
T. Abo
T. Wolfcamp
T. Penn
T. Cisco (Bough C)

T. Canyon
T. Strawn
T. Atoka
T. Miss
T. Devonian
T. Silurian
T. Montoya
T. Simpson
T. McKee
T. Ellenburger
T. Gr. Wash
T. Delaware Sand
T. Bone Springs
T.
T.
T.
T.

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
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T.

OIL OR GAS SANDS OR ZONES

No. 1, from 4309' to 4410'
No. 2, from 4426' to 4467'
No. 3, from 4514' to 4590'
No. 4, from to

IMPORTANT WATER SANDS

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

No. 1, from to feet
No. 2, from to feet
No. 3, from to feet

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology
1476'	1585'	109'	ANHYDRITE				
1585'	2657'	1072'	SALT				
2657'	4006'	1349'	ANHYDRITE, DOLO, SANDSTONE				
4006'	4357'	351'	SANDSTONE, ANHYDRITE, DOLO				
4357'	4840'	483'	DOLOMITE, ANHYDRITE				

30-025-31204

Deviation surveys taken on Texaco Exploration and Productions's Central Vacuum Unit #345 well in Lea County, New Mexico:

1310/L + 1850/W

Depth	Degree
458	1.50
688	1.00
1188	1.75
1550	3.50
1701	2.50
2014	1.75
2514	.75
2800	1.00
3279	.50
3766	1.00
4240	.50
4800	.25

31-17-35

I hereby certify that I have personal knowledge of the facts placed on this sheet and that such information given above is true and complete.

John W. Norton
Norton Drilling Company

Before me, the undersigned authority, on this day personally appeared John William Norton, known to me to be the person whose name is subscribed hereto, who, after being duly sworn, on oath states that he is the drilling contractor of the well identified in this instrument and that such well was not intentionally deviated from the vertical whatsoever.

John W. Norton
John William Norton

SWORN AND SUBSCRIBED TO before me this 18th day of June 1991.



Pat Farrell
Notary Public in and for
Lubbock County, Texas.