

District I - (505) 393-6161

1625 N. French Dr

Hobbs, NM 88241-1980

District II - (505) 748-1283

811 S. First

Artesia, NM 88210

District III - (505) 334-6178

1000 Rio Brazos Road

Aztec, NM 87410

District IV - (505) 827-7131

## Energy Minerals and Natural Resources Department

## Oil Conservation Division

2040 South Pacheco Street

Santa Fe, New Mexico 87505

(505) 827-7131

SEP 17 1999

**SUBMIT ORIGINAL  
PLUS 2 COPIES  
TO THE SANTA FE  
OFFICE**

## APPLICATION FOR NEW WELL STATUS

## I. Operator and Well

Operator name & address <b>TEXACO EXPLORATION &amp; PRODUCTION INC. 205 E. BENDER HOBBS, NEW MEXICO</b>							OGRID Number  <b>022351</b>	
Contact Party <b>MARK S. WAKEFIELD</b>							Phone <b>(915) 688-4692</b>	
Property Name <b>NORTH VACUUM ABO WEST UNIT</b>					Well Number <b>28</b>		API Number <b>30-025-33928</b>	
UL <b>I</b>	Section <b>28</b>	Township <b>17S</b>	Range <b>34E</b>	Feet From The <b>1980</b>	North/South Line <b>SOUTH</b>	Feet From The <b>760</b>	East/West Line <b>EAST</b>	County <b>LEA</b>

## II. Date/Time Information

Spud Date <b>04/08/99</b>	Spud Time <b>8:00 AM</b>	Date Completed <b>05/04/99</b>	Pool <b>VACUUM ABONORTH</b>
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III. Attach copies of Form C-103 or Federal Form 3160-5 showing date/time of drilling commenced and Form C-105 or Federal Form 3160-4 showing well was completed as a producer.

IV. Attach a list of all working interest owners with their percentage interests.

## V. AFFIDAVIT:

State of Texas )County of Midland ) ss.

MARK S. Wakefield, being first duly sworn, upon oath states:

1. I am the Operator, or authorized representative of the Operator, of the above-referenced well.
2. To the best of my knowledge, this application is complete and correct.

Signature Mark S. Wakefield Title Project Engineer Date 9/10/99

SUBSCRIBED AND SWORN TO before me this 10th day of September, 1999.



Sharon Taylor  
Notary Public

My Commission expires April 30, 2001

## FOR OIL CONSERVATION DIVISION USE ONLY:

## VI. CERTIFICATION OF APPROVAL:

This Application is hereby approved and the above-referenced well is designated a New Well. By copy hereof, the Division notifies the Secretary of the Taxation and Revenue Department of this Approval.

Signature <u>Mark S. Wakefield</u>	Title <u>P.E. Spec.</u>	Date <u>10-4-99</u>
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VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT: 10/6/99

NOTICE: The operator must notify all working interest owners of this New Well certification.

PV212006538930

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II  
P.O. Box Drawer DD, Artesia, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

# OIL CONSERVATION DIVISION

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

WELL API NO.	30-025-33926
5. Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil / Gas Lease No.	B-8097
7. Lease Name or Unit Agreement Name	NORTH VACUUM ABO WEST UNIT
8. Well No.	28
9. Pool Name or Wildcat	VACUUM ABO NORTH

<p align="center"><b>SUNDRY NOTICES AND REPORTS ON WELL</b> (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.)</p>	
1. Type of Well:	OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>
2. Name of Operator	TEXACO EXPLORATION & PRODUCTION INC.
3. Address of Operator	205 E. Bender, HOBBS, NM 88240
4. Well Location	Unit Letter <u>I</u> : <u>1980</u> Feet From The <u>SOUTH</u> Line and <u>760</u> Feet From The <u>EAST</u> Line Section <u>28</u> Township <u>17-S</u> Range <u>34-E</u> NMPM <u>LEA</u> COUNTY
10. Elevation (Show whether DF, RKB, RT, GR, etc.)	4033' GR

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPERATION <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>		CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER: <u>APPLY FOR EXTENSION ON 2ND LATERAL</u> <input checked="" type="checkbox"/>		OTHER: <u></u> <input type="checkbox"/>	

12. 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.

Objective: Texaco intends to directionally drill a second lateral in the subject well 1740' to the Northeast.

1. MIRU pulling unit. POH with production equipment.
2. Run in hole with kickoff plug and whipstock. Run GYRO survey to orient whipstock.
3. Run in hole with mill, motor, collars, and drill pipe. Mill window in casing. Build radius at 40 deg per 100'.
4. Directionally drill NE lateral to the proposed bottomhole location 1740' away. TOH with equipment.
5. Acidize lateral using 60 gal per foot of pay.
6. Retrieve whipstock and plug.
7. Run production equipment and return to production.

TEXACO RESPECTFULLY ASKS FOR AN EXTENSION OF THIS PERMIT WHICH WILL EXPIRE ON 4-9-99.

(A COPY OF THE APPROVED PERMIT IS ATTACHED)

*Expires 4/10/2000*

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

SIGNATURE J. Denise Leake TITLE Engineering Assistant DATE 2/23/99

TYPE OR PRINT NAME J. Denise Leake Telephone No. 397-0405

(This space for State Use)

APPROVED BY  TITLE  DATE MAR 16 1999

CONDITIONS OF APPROVAL, IF ANY:

**DISTRICT I**  
P.O. Box 1980, Hobbs, NM 88240  
**DISTRICT II**  
P.O. Box Drawer DD, Artesia, NM 88210  
**DISTRICT III**  
1000 Rio Brazos Rd., Aztec, NM 87410

**OIL CONSERVATION DIVISION**  
P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

WELL API NO.	30-025-33926
5. Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil / Gas Lease No.	B-8097
7. Lease Name or Unit Agreement Name	NORTH VACUUM ABO WEST UNIT
8. Well No.	28
9. Pool Name or Wildcat	VACUUM ABO NORTH
10. Elevation (Show whether DF, RKB, RT, GR, etc.)	4033' GR

**SUNDRY NOTICES AND REPORTS ON WELL**  
(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 <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER Lateral <input type="checkbox"/>
2. Name of Operator	TEXACO EXPLORATION & PRODUCTION INC.
3. Address of Operator	205 E. Bender, HOBBS, NM 88240
4. Well Location	Unit Letter <u>I</u> : 1980 Feet From The <u>SOUTH</u> Line and <u>760</u> Feet From The <u>EAST</u> Line Section <u>28</u> Township <u>17-S</u> Range <u>34-E</u> NMPM <u>LEA</u> COUNTY

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

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input checked="" type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPERATION <input type="checkbox"/>
OTHER: <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
	CASING TEST AND CEMENT JOB <input type="checkbox"/>
	OTHER: <input checked="" type="checkbox"/> Drill Lateral

12. 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.

4-08-99: MIRUSU. LD PUMP, RDS & TBG.  
4-09-99: TIH W/RBP & SET @ 8550'. TEST CSG & RBP TO 1000 PSI-OK.  
4-11-99: PU MILLS & DP. TAG SAND @ 8543' GL. PU WHIPSTOCK & ORIENT.  
4-12-99: RUN GYRO & ORIENT WHIPSTOCK. MILL WINDOW 8536-8543'. TIH W/BHA #1.  
4-13-99: SLIDE DRILL 8537-8541, 8544, 8548, 8580, 8591, 8642, 8651'.  
4-15-99: DRILL 8767-8824, 8830, 8840, 8862, 8882, 8894, 8904, 8957, 8967, 9021.  
4-16-99: DRILL 9021-9052, 9062, 9084, 9104, 9116, 9148, 9173, 9241, 9256, 9273, 9278. CHANGED SLIDE UP INTO ZONE TVD OF 8778 TO 8780'.  
4-17-99: DRILL FR 9278-9400, 9462, 9477, 9502. TIH W/NEW MOTOR & BHA #3.  
4-18-99: DRILL 9502-9525, 9551, 9589, 9599, 9684, 9710, 9715, 9726, 9747, 9750. CHANGED TARGETS FR 8711-8715.  
4-19-99: DRILL 9750-9762, 9779, 9786, 9810, 9815, 9842, 9856, 9906, 9913, 9969, 9974, 9990.  
4-20-99: DRILL FR 9990-10033, 10044, 10096, 10111, 10160, 10180, 10195.  
4-21-99: DRILL FR 10195-10223, 10233, 10255, 10270, 10342 (TD) RUN TDT LOG.  
4-22-99: TIH W/RBP & SET @ 8000'. TEST TO 1000 PSI. ND FLOWLINE.  
4-23-99: NU RENTAL 5000# TBG SPOOL, BOP & WH. TEST RBP & BOP TO 1000 PSI.  
5-02-99: TIH TO TOP OF RBP. HU PUMP TRUCK. PSI TO 1500. REL RBP @ 8000'. RESET RBP @ 7970'. CHANGE OUT RAMS.  
5-03-99: TIH TO RBP @ 7970'. REL RBP. PRESSD UP PIP PKR TO 1200 PSIG & SI.RDMOSU.  
5-04-99: ACID FRAC ABO HORIZ W/77152 GALS 20% HCL & 76925 GALS WF130. FLOWBACK FRAC ON 20/64" CHOKE.  
5-08-99: RUSU. BLEED WELL TO TEWST TANK. PUMP 50 BFW DN TBG. REL PKR. ND FRAC TREE.  
5-09-99: TOH W/TBG. CHANGE OUT BOP RAMS. TIH W/WHIPSTOCK HOOK, BMPR SUB, JARS, DC'S & TBG. TAG WHIPSTOCK @ 8532'.  
5-11-99: OPEN WELL. SLIGHT VAC. TOH W/TBG, DC'S, JARS, & WHIPSTOCK. TIH W/RETR TOOK, TBG.  
5-12-99: TIH W/3 1/2" TBG. TAG @ 8532'. CAUGHT RBP. REL RBP.  
5-13-99: TIH W/GAS ANCHOR, PUP BARRELL. PKR SET @ 8344'. NDBOP. NU LANDING FLANGE.  
5-14-99: TIH W/SUB, SNKR BARS, RDS. SPACE OUT. RDSU. SET UP ROTOFLEX PUMP UNIT.  
5-18-99: TIH W/RDS.

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

SIGNATURE J. Denise Leake TITLE Engineering Assistant DATE 7/27/99

TYPE OR PRINT NAME J. Denise Leake Telephone No. 397-0405

(This space for State Use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

5-19-99: TIH W/TBG PLUNGER, LIFT SUB, SNKR BARS, & RDS. STARTED UP  
WELL @ 12:30 PM.  
5-20-99: TOH W/RDS & PLUNGER. NUBOP. SWAB WELL.  
5-21-99: TIH W/MUD ANCHOR, SN, TBG PUMP BARRELL, 2 7/8" TBG, TA. TAG  
BTM @ 8680'. MA @ 8670'.  
5-22-99: RUN PUMP & RDS. RIG DOWN.  
6-01-99: ON 24 HR OPT. PUMPED 215 BO, 140 BW, & 163 MCF.  
ABO OPEN HOLE 8552-10342'.  
SN @ 8657'.  
FINAL REPORT

# OIL CONSERVATION DIVISION

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

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DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

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

WELL API NO.	30-025-33926
5. Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil / Gas Lea	B-8097

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>		7. Lease Name or Unit Agreement Name NORTH VACUUM ABO WEST UNIT
b. Type of Completion: NEW WELL <input type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF RES. <input type="checkbox"/> OTHER <input type="checkbox"/> LATERAL <input type="checkbox"/>		
2. Name of Operator TEXACO EXPLORATION & PRODUCTION INC.		8. Well No. 28
3. Address of Operator 205 E. Bender, HOBBS, NM 88240		9. Pool Name or Wildcat VACUUM ABO NORTH
4. Well Location Unit Letter <u>I</u> ; 1980 Feet From The <u>SOUTH</u> Line and <u>760</u> Feet From The <u>EAST</u> Line Section <u>28</u> Township <u>17-S</u> Range <u>34-E</u> NMPM <u>LEA</u> COUNTY		
10. Date Spudded 4/8/99	11. Date T.D. Reached 4/21/99	12. Date Compl. (Ready to Prod.) 5/4/99
13. Elevations (DF & RKB, RT, GR, etc.) 4033' GR		14. Elev. Csghead 4033'
15. Total Depth 10,342	16. Plug Back T.D.	17. If Mult. Compl. How Many Zones?
18. Intervals Drilled By		Rotary Tools
19. Producing Interval(s), of this completion - Top, Bottom, Name 8552-10342' (OPEN HOLE ABO FORMATION)		20. Was Directional Survey Made YES
21. Type Electric and Other Logs Run TDT		22. Was Well Cored NO

## CASING RECORD (Report all Strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENT RECORD	AMOUNT PULLED
8 5/8"	24#	1630'	11"	600 SX, CIR 6 SX	
5 1/2"	17#	8950'	7 7/8"	1700 SX, CIR 0 SX	

## LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

## TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 7/8"	8657'	

26. Perforation record (interval, size, and number) O.H. 8552-10342'	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	8552-10342'	77152 GALS 20% HCL
	OPEN HOLE	76925 GALS WF130

28. PRODUCTION							
Date First Production 5/25/99		Production Method (Flowing, gas lift, pumping - size and type pump) PUMPING - ROTOFLEX UNIT				Well Status (Prod. or Shut-in) PROD.	
Date of Test 6-01-99	Hours tested 24 HRS.	Choke Size	Prod'n For Test Period	Oil - Bbl. 215	Gas - MCF 163	Water - Bbl. 140	Gas - Oil Ratio
Flow Tubing Press.	Casing Pressure	Calculated 24- Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API -(Corr.)	
29. Disposition of Gas (Sold, used for fuel, vented, etc.) SOLD						Test Witnessed By	

30. List Attachment DIRECTIONAL SURVEY

31. I hereby certify that the information on both sides of this form is true and complete to the best of my knowledge and belief.  
SIGNATURE J. Denise Leake TITLE Engineering Assistant DATE 7/27/99  
TYPE OR PRINT NAME J. Denise Leake Telephone No. 397-0405

Collins & Ware, Inc.  
508 West Wall Avenue, Suite 1200  
Midland, Texas 79701-5076

Chevron USA Inc.  
NOJV Manager  
P. O. Box 1635  
Houston, TX 77251

Willischild Oil & Gas Corporation  
Attn: Jackie D. Willis, President  
904 "G" Street  
Snyder, OK 73566

Harry & Rosemary Holcomb  
Revocable Living Trust  
Attn: Joseph E. Hand, Jr., Oil & Gas Manager  
Tyler Bank & Trust  
P. O. Box 1900  
Tyler, Texas 75710

Mr. R. W. Keener  
4444 Parkview Drive  
Salt Lake City, UT 84117

Marathon Oil Company  
P. O. Box 552  
Midland, TX 79702

Phillips Petroleum Company  
Attn: Land Department  
4001 Penbrook  
Odessa, TX 79762

Garcia Barr Anderson Trust  
Sun Bank N.A.  
Attn: M. Donelson  
P. O. Box 3838  
Orlando, FL 32802

James A. Davidson  
P. O. Box 494  
Midland, TX 79702

Exxon USA  
Joint Interest Group ML #38  
P. O. Box 4707  
Houston, TX 77210-4707

Mr. Wesley T. House  
1201 Bedford Drive  
Midland, TX 79701

M & B Investments  
2601 Woodmont Avenue  
Austin, TX 78703

Mobil Producing Texas & New Mexico  
12450 Greenspoint Drive  
Houston, TX 77060

Altura Energy, LTD.  
Attention: Ron Hinn  
Room 473B WL2  
P. O. Box 4294  
Houston, TX 77210

Burlington Resources  
3300 N. "A" Street, Building 6  
P. O. Box 51810  
Midland, Texas 79710-1810

Mr. David K. Watkiss  
111 E. Broadway #800  
Salt Lake City, UT 84111-5225

Stelaron Inc.  
P. O. Box 7787  
Amarillo, TX 79109

The Nathaniel Witherall Aux  
70 Parsonage Road  
Greenwich, CT 06830