



**NEW MEXICO ENERGY, MINERALS  
& NATURAL RESOURCES DEPARTMENT**

OIL CONSERVATION DIVISION  
2040 South Pacheco Street  
Santa Fe, New Mexico 87505  
(505) 827-7131

December 9, 1999

Texaco Exploration & Production, Inc.  
500 N. Loraine  
Midland, Texas 79702

Attention: Kevin Hickey

RE: C-142 Application for New Well Status  
Vacuum Glorieta West Unit Well No. 59, API No. 30-025-30971

Dear Mr. Hickey:

Pursuant to Division Rule 34.C.(3), the deadline for filing for the New Well Tax Incentive is within sixty (60) days of completion of the well as a producer, therefore your application is hereby denied.

If you have any questions, please contact me at (505) 827-8183.

Sincerely,

A handwritten signature in black ink, appearing to read "Mark Ashley", written over the printed name.

Mark Ashley  
Petroleum Engineering Specialist

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

New Mexico  
Energy Minerals and Natural Resources Department  
Oil Conservation Division  
2040 South Pacheco Street  
Santa Fe, New Mexico 87505  
(505) 827-7131

1447  
Form C-142  
Date 06/99

SUBMIT ORIGINAL  
PLUS 2 COPIES  
TO THE SANTA FE  
OFFICE

DEC - 6 1999

APPLICATION FOR NEW WELL STATUS

I. Operator and Well

Operator name & address TEXACO E&P INC. 500 N. LORRAINE MIDLAND TX 79702						OGRID Number 022351		
Contact Party KEVIN HICKEY						Phone (915) 688-2950		
Property Name VACUUM GLORIETA WEST UNIT				Well Number 59		API Number 3002530971		
UL C	Section 36	Township 17S	Range 34E	Feet From The 990	North/South Line N	Feet From The 1880	East/West Line W	County LEA

II. Date/Time Information

Spud Date 6/6/99	Spud Time 8 AM	Date Completed 8/30/99	Pool VACUUM GLORIETA
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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 )

ss.

County of MIDLAND )

Kevin F. Hickey, 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 Kevin F. Hickey Title Project Engineer Date 12/1/99

SUBSCRIBED AND SWORN TO before me this 1<sup>ST</sup> day of December, 1999.



NORMA A. ZAMBRANO  
Notary Public, State of Texas  
My Commission Expires 04-18-01

Norma A. Zambrano  
Notary Public

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	Title	Date
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VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT: \_\_\_\_\_

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

## **VACUUM GLORIETA WEST UNIT**

<b>PARTNERS</b>	<b>% GWI</b>
TEXACO E&P Inc.	52.121%
PHILLIPS PET.	5.035%
MOBIL	17.258%
MARATHON Oil Co.	15.209%
FLOYD OIL	5.871%
COLLINS AND WARE	4.508%
	100.000%

**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.	30-025-30971
5. Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil / Gas Lease No.	B-1565
7. Lease Name or Unit Agreement Name	VACUUM GLORIETA WEST UNIT
8. Well No.	59
9. Pool Name or Wildcat	VACUUM GLORIETA

**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 HORIZONTAL <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>C</u> 990 Feet From The <u>NORTH</u> Line and <u>1880</u> Feet From The <u>WEST</u> Line Section <u>36</u> Township <u>17S</u> Range <u>34E</u> NMPM <u>LEA</u> COUNTY
10. Elevation (Show whether DF, RKB, RT, GR, etc.)	4003' 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 checked="" 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: <input type="checkbox"/>		OTHER: <input checked="" type="checkbox"/>	HORIZONTAL

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.

6-06-99: MIRU. INSTL BOP. TIH TO 5950'. TIH W/PROF W/PLUG, TBG, PKR & SET @ 5880'. RU GYRO.  
6-08-99: TIH W/NOTCH COLLAR TO TOP OF PKR @ 5880. TEST CSG TO 1000 PSI.  
6-09-99: MIRU KEY #119. TEST BLIND RAMS TO 1000 PSI. TAG @ 5880'. SET WHIPSTOCK-TOP @ 5857, BTM @ 5862.  
6-10-99: MILL WINDOW 5859-5865. TIH & SEAT GYRO.  
6-11-99/6-13-99: DRILL FR 5867-5920, 6059, 6102, 6108, 6133, 6172, 6177, 6233, 6240, 6296, 6303, 6359, 6366, 6391, 6396, 6494, 6501, 6531, 6569, 6626, 6633, 6684, 6691, 6864, 6871, 7036, 7051, 7094, 7104, 7125, 7132, 7162, 7167, 7189, 7194, 7243, 7262. TD 6-13-99 TVD @ 6027. LD HORIZ TOOLS. TIH W/DP TO 5857'. (TOP OF WHIPSTOCK). TIH TO PKR @ 5880'. TIH SLOWLY TO TIW PKR @ 5880'. SET WHIPSTOCK ON TIW. MILL FR 5809-5810'. PU 2ND MILL. MILL 5810-5814.  
6-15-99: MILL WINDOW TO 5819'. PU BHA #3. RU GYRO. SLIDE DRILL 5819-5821, 5829, 5836, 5842.  
6-16-99: SLIDE DRILL 5842-5860, 5870, 5892, 6014. TIH W/BHA #5.  
6-17-99: SLIDE DRILL FF 6014-6044, 6049, 6155, 6175, 6183, 6221, 6226, 6248, 6263, 6312, 6327.  
6-18-99: DRILL 6327-6357, 6382, 6415, 6436, 6461, 6466, 6492, 6517, 6587, 6597, 6614, 6629, 6650.  
6-19-99: TD CALLED @ 6650'. TIH W/HOOK, BMPR SUB, JARS. CATCH WHIPSTOCK. TIH W/RBP TO 5650'. CIRC & TEST TO 1000 PSI.  
6-20-99: ND FLOWLINE & BOP. INSTL BOP W/RAMS IN BTM. REL RIG.  
6-26-99: PU RETR HEAD. TIH W/TBG TO 5560. STOP @ 90' ABOVE RBP.  
6-27-99: REL RBP. TIH W/2 7/8" TBG. TAG TIW. LOWR PKR TO 5833 & SET.  
6-29-99: MIRU COIL TBG UNIT.  
7-01-99: ACIDIZE W/COIL TBG W/15% HCL, PAD & FOAM. 619 BBLS ACID, 643 BBLS 2% KCL, 556000 SCF NW.  
7-02-99: FLOW WELL BACK. PUMP 40 BBLS BRINE. REL PKR. TIH W/RBP & SET @ 5835'. DUMP BAIL 5" SAND ON TOP. TIH W/TBG & PKR. SET PKR @ 5798'.  
7-03-99: TIH & TAG FL @ 1350'. PUMP 70Q FOAM. ACIDIZE UPPER LATERAL W/15% HCL FOAM & PAD. 358 BBLS, 15% ACID, 252 BBLS 2% KCL, 459,763 CF N2.  
7-06-99: REL PKR. PUMP 60 BBLS DN ANNUUS & 35 BBLS BRINE DN TBG. PUMP 10 BBLS DN TBG.  
7-07-77: TIH TO RBP @ 5833'. RBP FELL DN HLE. TIH W/MA, PERF SUB, SN, TBG. TIH W/PMP & 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 11/23/1999

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:

7-08-99: SPACE OUT & HANG OFF RD STRING. TIH W/RDS, K-BARS, LIFT SUB, PUMP & GAS ANCHOR. LOAD W/5 BW. TEST TO 500 PSI-OK. RIG DOWN. SET PUMPING UNIT.  
7-16-99: RU KILL TRUCK. PMP 30 BBLS 10# BRINE DN TBG & 70 BBLS DN BACKSIDE. WELL DEAD. NDWH. NUBOP. UNSET TAC. TIH W/PROD TBG.  
8-12-99: BLED DN. NDWH. NUBOP. TIH W/2 7/8" TBG TO 1898' FOR KILL STRING.  
8-13-99: TIH W/PSP/TOOL. UNABLE TO GET PAST TOP WINDOW (5859) TIH W/GUAGE RING. TAG UP @ 5878'. STUCK GUAGE RING. FSH LEFT IN HLE.  
8-14-99: TIH W/SHORT CATCH OVERSHOT. LATCH FISH. TIH W/PSP TOOL.  
8-16-99: TIH W/TBG TO 5737'. HANG TBG OFF ON TOP OF BOP. TIH W/VALVE IN TBG.  
8-24-99: RU KILL TRUCK. KILL W/75 BBLS 10# BRINE. TIH W/TBG TO 1588' FOR KILL STRING.  
8-25-99: RU PUMP TRUCK. KILL W/20 BBLS 10# BRINE. TIH W/MOTOR, SEAL, PUMP, CHECK VALVE, TBG. NDBOP. NUWH. INSTL FLOWLINE. RIG DOWN.  
8-30-99: ON 24 HR OPT. PUMPED 195 BO, 4203 BW, & 77 MCF. FINAL REPORT



# OIL CONSERVATION DIVISION

## 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

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

WELL API NO.

30-025-30971

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil / Gas Lease

B-1565

### WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:

OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

b. Type of Completion:

NEW WELL ☐ WORKOVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RES. ☐ OTHER ☐ HORIZONTAL ☐

2. Name of Operator

TEXACO EXPLORATION & PRODUCTION INC.

3. Address of Operator

205 E. Bender, HOBBS, NM 88240

4. Well Location

BHL D/B, 990/343 NORTH, 880' 22" WIDE/EAST

7. Lease Name or Unit Agreement Name

VACUUM GLORIETA WEST UNIT

8. Well No.

59

9. Pool Name or Wildcat

VACUUM GLORIETA

Unit Letter C : 990 Feet From The NORTH Line and 1880 Feet From The WEST Line

Section 36 Township 17S Range 34E NMMP LEA COUNTY

10. Date Spudded

6/6/99

11. Date T.D. Reached

6/19/99

12. Date Compl. (Ready to Prod.)

7/1/99

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

4003' GR

14. Elev. Csghead

15. Total Depth

6650'

16. Plug Back T.D.

17. If Mult. Compl. How Many Zones?

18. Intervals Drilled By

Rotary Tools

Cable Tools

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

5809-5859 O.H. GLORIETA

20. Was Directional Survey Made

YES

21. Type Electric and Other Logs Run

N/A

22. Was Well Cored

NO

23.

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

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENT RECORD	AMOUNT PULLED
			NO CHANGE		

24.

### LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25.

### TUBING RECORD

SIZE	DEPTH SET	PACKER SET

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

O.H. 5809-5859

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

DEPTH INTERVAL

AMOUNT AND KIND MATERIAL USED

5809-5859' O.H.

15% FOAM & PAD

358 BBLS, 15% ACID, 252 BBLS 2%KCL

459,763 CF N2

28.

### PRODUCTION

Date First Production 7/9/99	Production Method (Flowing, gas lift, pumping - size and type pump) PUMPING 2 1/2"X2"X24"					Well Status (Prod. or Shut-in) PROD	
Date of Test 8-30-99	Hours tested 24 HRS	Choke Size	Prod'n For Test Period	Oil - Bbl. 195	Gas - MCF 77	Water - Bbl. 4203	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 Attachments

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 11/23/99

TYPE OR PRINT NAME J. Denise Leake

Telephone No. 397-0405