

# OIL CONSERVATION DIVISION

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

P.O. Box 2088

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

Santa Fe, New Mexico 87504-2088

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

WELL API NO.	30-025-33638
5. Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil / Gas Lease	B-8097
7. Lease Name or Unit Agreement Name	NORTH VACUUM ABO WEST UNIT
8. Well No.	27
9. Pool Name or Wildcat	VACUUM ABO NORTH

## 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 checked="" type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF RES. <input type="checkbox"/> OTHER <input type="checkbox"/>			
2. Name of Operator TEXACO EXPLORATION & PRODUCTION INC.		8. Well No. 27	
3. Address of Operator 205 E. Bender, HOBBS, NM 88240		9. Pool Name or Wildcat VACUUM ABO NORTH	
4. Well Location SUR/BHL Unit Letter <u>K/M : 2080/555</u> Feet From The <u>SOUTH</u> Line and <u>2080/550</u> Feet From The <u>WEST</u> Line Section <u>27</u> Township <u>17-S</u> Range <u>34-E</u> NMPM LEA COUNTY			
10. Date Spudded 2/2/97	11. Date T.D. Reached 3/20/97	12. Date Compl. (Ready to Prod.) 4/24/97	13. Elevations (DF & RKB, RT, GR, etc.) 4041' GR
14. Elev. Csghead 4041'			
15. Total Depth 8850'	16. Plug Back T.D. 8590'	17. If Mult. Compl. How Many Zones? -	18. Intervals Drilled By Rotary Tools 0-10,695'
19. Producing Interval(s), of this completion - Top, Bottom, Name 8583'-10,695'(OPEN HOLE COMPLETION)(VAC ABO NORTH)			20. Was Directional Survey Made YES
21. Type Electric and Other Logs Run CNL-NGT, GR-BCS, GR-MCFL, GR-CCL, NGR			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
8 5/8"	24#	1630'	11"	650 SX, CIR 148 SX	
5 1/2"	17#	8850'	7 7/8"	2087 SX, CIR 165 SX	

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8"	8699'	-

6. Perforation record (interval, size, and number) OPEN HOLE COMPLETION		27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
		DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
		8583'-10,695'	FRAC: 120,000 GALS 20% NEFE HCL &
		OPEN HOLE	120,000 GALS WF-130
			ACID: 5000 GALS 15% NEFE HCL

3. PRODUCTION							
Date First Production 4/22/97		Production Method (Flowing, gas lift, pumping - size and type pump) PUMPING, 2 1/2" X 2" X 36' PUMP				Well Status (Prod. or Shut-in) PROD.	
Date of Test 5/97	Hours tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl. 373	Gas - MCF 249	Water - Bbl. 130	Gas - Oil Ratio 668
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API -(Corr.) 37.0	

4. Disposition of Gas (Sold, used for fuel, vented, etc.) OLD		Test Witnessed By LOCKLAR	
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5. List Attachment DEVIATION SURVEY

6. 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 Monte C. Duncan TITLE Engr Asst DATE 5/29/97

TYPE OR PRINT NAME Monte C. Duncan Telephone No. 397-0418

# 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 verticle depths shall 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	1563'	T. Canyon
T. Salt	1672'	T. Strawn
B. Salt	2693'	T. Atoka
T. Yates	2884'	T. Miss
T. 7 Rivers	3203'	T. Devonian
T. Queen	3820'	T. Silurian
T. Grayburg	4178'	T. Montoya
T. San Andres	4574'	T. Simpson
T. Glorieta	6091'	T. McKee
T. Paddock	6210'	T. Ellenburger
T. Blinebry	6542'	T. Gr. Wash
T. Tubb	7492'	T. Delaware Sand
T. Drinkard	7726'	T. Bone Springs
T. Abo	8224'	T.
T. Wolfcamp		T.
T. Penn		T.
T. Cisco (Bough C)		T.

### Northwestern New Mexico

T. Ojo Alamo	T. Penn "B"
T. Kirtland-Fruitland	T. Penn "C"
T. Pictured Cliffs	T. Penn "D"
T. Cliff House	T. Leadville
T. Menefee	T. Madison
T. Point Lookout	T. Elbert
T. Mancos	T. McCracken
T. Gallup	T. Ignacio Otzte
T. Base Greenhorn	T. Granite
T. Dakota	T.
T. Morrison	T.
T. Todilto	T.
T. Entrada	T.
T. Wingate	T.
T. Chinle	T.
T. Permian	T.
T. Penn "A"	T.

## OIL OR GAS SANDS OR ZONES

No. 1, from 8650'	to 8850'	No. 3, from	to
No. 2, from	to	No. 4, from	to

## IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in the 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
0	1585'	1585'	SS, SHALE				
1585'	1695'	110'	ANHYDRITE				
1695'	2700'	1005'	SALT				
2700'	2870'	170'	DOLOMITE, ANHYDRITE				
2870'	4475'	1605'	DOL, ANHY, SS				
4475'	8175'	3700'	DOL, SS, LS				
8175'	8850'	675'	DOL, LS, SHALE				

## LEASE &amp; WELL

NVAW Unit #27

## LOCATION

Unit 1N K, Sec. 27, T-17-S, R-34-E  
(Give Unit, Section, Township and Range)Lea, N.M.

## OPERATOR

Texaco E & P Inc.3D-025-33638

## DRILLING CONTRACTOR

NABORS DRILLING USA, INC.

The Undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above-described well and that he has conducted deviation tests and obtained the following results:

## DEGREES @ DEPTH

## DEGREES @ DEPTH

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## DEGREES @ DEPTH

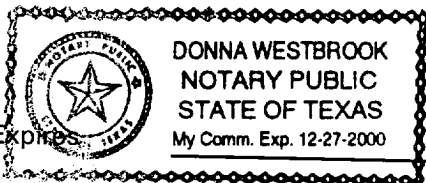
3/4 @ 1742 @ 544971.9 @ 874796.2 @ 99461/2 @ 6671 3/4 @ 563981.4 @ 893590.5 @ 99771/4 @ 11681 1/2 @ 591782.5 @ 896585.9 @ 100401/4 @ 15801 1/2 @ 624482.4 @ 899784.4 @ 100711/2 @ 20151 1/2 @ 655197 @ 940883.7 @ 101981 @ 25121 3/4 @ 686098.6 @ 944081.1 @ 102942 @ 27984.8 @ 730998 @ 953481 @ 105151 3/4 @ 30145.1 @ 742697.6 @ 956679.4 @ 105471 1/2 @ 32955.6 @ 748898.3 @ 95961 @ 36673 1/2 @ 783099.3 @ 96262 @ 41652 @ 812499.3 @ 96601 3/4 @ 44201 @ 855899.3 @ 96931 3/4 @ 466737.6 @ 864998.8 @ 97871 1/2 @ 497846.7 @ 866498 @ 98192 @ 526367.3 @ 871598.9 @ 9850

Drilling Contractor

Nabors Drilling USA, Inc.

By

Jimmy Stroud

Subscribed and sworn to before me this 8th day of April, 1997

Notary Public

My Commission Expires

MIDLAND

County

TEXAS