

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

2040 Pacheco St.
Santa Fe, NM 87505

Form C-105
Revised 1-1-89

WELL API NO. 30-025-34583
5. Indicate Type Of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name TOMAHAWK 19 STATE
8. Well No. 1
9. Pool name or Wildcat VACUUM ATOKA-MORROW NORTH (GAS)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG					
1a. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER _____					
b. Type of Completion: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF RESVR <input type="checkbox"/> OTHER _____					
2. Name of Operator Phillips Petroleum Company					
3. Address of Operator 4001 Penbrook Street Odessa, TX 79762					
4. Well Location SUR Unit Letter H : 2616 Feet From The NORTH Line and 1148 Feet From The EAST Line BAL H 2528 N 1054 E Section 19 Township 17-S Range 34-E NMPM LEA County					
10. Date Spudded 03/24/99	11. Date T.D. Reached 05/05/99	12. Date Compl.(Ready to Prod.) 06/04/99	13. Elevations(DF & RKB, RT, GR, etc.) 4092' GR, 4109.5' KB	14. Elev. Casinghead	
15. Total Depth 13,518'	16. Plug Back T.D. 13,492'	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By X	Rotary Tools	Cable Tools
19. Producing Interval(s), of this completion - Top, Bottom, Name 13,254-274' / 13,446-456' ATOKA					20. Was Directional Survey Made YES, ENCLOSED
21. Type Electric and Other Logs Run BHC/SO/GR, AZIMUTHAL LL/MCFL/GR, CNL/DEN/GR					22. 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"	54.5# J-55	411'	17-1/2"	450 SX CL"C" CIRC 182 SX	
8-5/8"	32# K-55	4790'	11"	1900 SX POZ/"C" CIRC 165SX	
5-1/2"	17# LS-110		7-7/8"	DV TOOLØ10,478'	
5-1/2"	20# S-95	13,517'	7-7/8"	1ST STAGE-800 SX POZ/"H"	
				2ND STAGE-450 SX POZ/"H"	

24. LINER RECORD				25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
					2-7/8" N-80	13,072'
					6.5#/FT	13,060'

26. Perforation record (interval, size, and number) 13,254-274' (4 SPF) 13,446-456' (4 SPF)	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED

28. PRODUCTION							
Date First Production 06/04/99		Production Method (Flowing, gas lift, pumping - Size and type pump) FLOWING				Well Status (Prod. or Shut-in) PROD.	
Date of Test 08/04/99	Hours Tested 4	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF 85	Water - Bbl.	Gas - Oil Ratio DRY GAS
Flow Tubing Press. 430	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF 510	Water - Bbl.	Oil Gravity - API (Corr.)	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) SOLD	Test Witnessed By
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30. List Attachments NMOC FORM C-122, BACK PRESSURE CURVE, DATA SHEET, LAB ANALYSIS

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 *L. M. Sanders* Printed Name **L. M. SANDERS, SUPERVISOR** Title **REG./PROR.** Date **08/19/99**

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

Northeastern New Mexico

T. Anhy	1524'
T. Salt	
B. Salt	
T. Yates	2824'
T. 7 Rivers	3172'
T. Queen	3820'
T. Grayburg	
T. San Andres	4613'
T. Glorieta	
T. Paddock	
T. Blinebry	
T. Tubb	7603'
T. Drinkard	
T. Abo	8195'
T. Wolfcamp	10,110'
T. Penn	
T. Cisco (Bough C)	

T. Canyon	
T. Strawn	12,328'
T. Atoka	12,562'
T. Miss	13,458'
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.	

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. _____
T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from 13,444' to 13,457'
No. 2, from 13,253' to 13,268'

No. 3, from 12,818' to 12,827'
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