Form C-105
Revised 10-1-78

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

RECEIVED

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease: State [XX] Fee [ ]
5. State Oil & Gas Lease No.: LG-566-1

1a. TYPE OF WELL: B&M1
OIL WELL [ ] GAS WELL [X] DRY [ ] OTHER

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ARTESIA, OFFICE
MAR - 1 1982
O. C. D.
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b. TYPE OF COMPLETION
NEW WELL [X] WORK OVER [ ] DEEPEN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] OTHER

7. Unit Agreement Name:
8. Farm or Lease Name: Grynberg 16 State
9. Well No.: 4
10. Field and Pool, or Wildcat: Pecos Slope Abo Gas

2. Name of Operator: VIKING PETROLEUM, INC.
3. Address of Operator: 1050 17th Street, Suite 1950, Denver, CO 80265

4. Location of Well
UNIT LETTER G LOCATED 1980 FEET FROM THE North LINE AND 1980 FEET FROM THE East LINE OF SEC. 16 TWP. 5S RGE. 24E NMPM
12. County: Chaves

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Cashinghead
12/16/81	12/24/81	1/29/82	3982 K.B.	

20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools	Cable Tools
4100'	3700'		→	0-4100	

24. Producing Interval(s), of this completion — Top, Bottom, Name
3546 - 3650'

25. Was Directional Survey Made: No

26. Type Electric and Other Logs Run
Dual Laterolog - MSFL; Density-Neutron

27. Was Well Cored: No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
10-3/4"	32.75#	901	14-3/4	300 sxs of Hal lite 300 sxs Class "C"	
4-1/2"	10.5#	3991	7-7/8	1460 sxs 5050 POZ	

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 3/8	3510 GR	----------

31. Perforation Record (Interval, size and number)
3547 -3562
3579-3587
3637 - 3650

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3547-3650'	frac 45,000 gal KCL Water
	15,000 gals Liq.CO_2
	85,000# sand
	Acid 4000 gals.

33. PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping — Size and type pump)	Well Status (Prod. or Shut-in)
1/29/82	Flowing	S.I.W.P.L.

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period →	Oil — Bbl.	Gas — MCF	Water — Bbl.	Gas — Oil Ratio
1/29/82	4	1/2"			124		

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate →	Oil — Bbl.	Gas — MCF	Water — Bbl.	Oil Gravity — API (Corr.)
131,			CAOF	1,107		

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

Test Witnessed By: Townley

35. List of Attachments
Pressure Test

Posted ID-2 & Comp. Book
ST
3-5-82

36. 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.

SIGNED [signature] TITLE AGENT DATE 2/5/82

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 radioactivity 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 30 through 34 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				Northwestern New Mexico			
T. Anhy		T. Canyon		T. Ojo Alamo		T. Penn. "B"	
T. Salt		T. Strawn		T. Kirtland-Fruitland		T. Penn. "C"	
B. Salt		T. Atoka		T. Pictured Cliffs		T. Penn. "D"	
T. Yates		T. Miss		T. Cliff House		T. Leadville	
T. 7 Rivers		T. Devonian		T. Menefee		T. Madison	
T. Queen		T. Silurian		T. Point Lookout		T. Elbert	
T. Grayburg		T. Montoya		T. Mancos		T. McCracken	
T. San Andres	265	T. Simpson		T. Gallup		T. Ignacio Qtzte	
T. Glorieta	1160	T. McKee		Base Greenhorn		T. Granite	
T. Paddock		T. Ellenburger		T. Dakota		T.	
T. Blinebry		T. Gr. Wash		T. Morrison		T.	
T. Tubb		T. Granite		T. Todilto		T.	
T. Drinkard		T. Delaware Sand		T. Entrada		T.	
T. Abo	3500	T. Bone Springs		T. Wingate		T.	
T. Wolfcamp		T.		T. Chinle		T.	
T. Penn.		T.		T. Permian		T.	
T Cisco (Bough C)		T.		T. Penn. "A"		T.	

OIL OR GAS SANDS OR ZONES

No. 1, from 3546 to 3650' No. 4, from ..... to .....

No. 2, from ..... to ..... No. 5, from ..... to .....

No. 3, from ..... to ..... No. 6, from ..... to .....

IMPORTANT WATER SANDS

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

No. 1, from 265 to 390 feet. San Andres

No. 2, from 1160 to 1275 feet. Glorietta

No. 3, from ..... to ..... feet. .....

No. 4, from ..... to ..... feet. .....

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	265	265	Rock				
265	1160	895	L.S. and Anhydrite				
1160	1275	115	S.S.,L.S. and Anhydrite				
1275	3500	2225	Anhydrite, Dolomite, L.S.				
3500	4100	600	Shale				