Form C-105
Revised 10-1-78

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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DISTRIBUTION		
SANTA FE		
FILE		
U.S.G.S.		
LAND OFFICE		
OPERATOR		

5a. Indicate Type of Lease: State [ ] Fee [X]
5. State Oil & Gas Lease No.:

TYPE OF WELL: OIL WELL [X] GAS WELL [ ] DRY [ ] OTHER
TYPE OF COMPLETION: NEW WELL [ ] WORK OVER [ ] DEEPEN [X] PLUG BACK [ ] DIFF. RESVR. [X] OTHER

7. Unit Agreement Name:
8. Farm or Lease Name: Mike
9. Well No.: 2
10. Field and Pool, or Wildcat: Eunice Monument Grayburg

Name of Operator: pha Twenty-One Production Company
Address of Operator: O. Box 1206, Jal, NM 88252
Location of Well: LETTER J LOCATED 1980 FEET FROM THE South LINE AND 1980 FEET FROM
East LINE OF SEC. 32 TWP. 18S RGE. 37E NMPM
12. County: Lea

Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Cashinghead
11-14-84	11-17-84	12-10-84	3717' DF	--

Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools	Cable Tools
4200	-----	-----	→	198'	-----

Producing Interval(s), of this completion - Top, Bottom, Name: 4002 - 4200 (Grayburg)
25. Was Directional Survey Made: no

Type Electric and Other Logs Run: CDN
27. Was Well Cored: no

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	32	1455'	12-1/4"	400 sx	
5-1/2"	14	4002'	7-7/8"	400 sx	

LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN
----				

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-3/8"	4186'	none

Perforation Record (Interval, size and number)

Open hole from 4002' - 4200'

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4002 - 4200	Acidize in 2 stages with 4000 gals 15% NEFE
4002 - 4200	Frac'd down tubing with 20000 gals frac fluid

PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)	Well Status (Prod. or Shut-in)
11-21-84	American 80 pumping unit	producing

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period →	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
12-10-84	24	32/64		38	62	104	1631/1

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate →	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)
pump	40		38	62	104	34.7

Disposition of Gas (Sold, used for fuel, vented, etc.): sold
Test Witnessed By: R. Lansford

List of Attachments: Electric logs

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 R.W. Lansford TITLE VP/Energy Resources DATE 12-13-84

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	1490	T. Canyon		T. Ojo Alamo		T. Penn. "B"	
T. Salt	1795	T. Strawn		T. Kirtland-Fruitland		T. Penn. "C"	
B. Salt	2490	T. Atoka		T. Pictured Cliffs		T. Penn. "D"	
T. Yates	2775	T. Miss		T. Cliff House		T. Leadville	
T. 7 Rivers	3040	T. Devonian		T. Menefee		T. Madison	
T. Queen	3610	T. Silurian		T. Point Lookout		T. Elbert	
T. Grayburg	3900	T. Montoya		T. Mancos		T. McCracken	
T. San Andres		T. Simpson		T. Gallup		T. Ignacio Qtzte	
T. Glorieta		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		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 ..... to ..... 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 ..... to ..... feet. .....

No. 2, from ..... to ..... feet. .....

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	220	220	Surface sand, caliche, & gravel				
220	1490	1270	Red beds				
1490	1795	305	Anhydrite & red shale				
1795	2490	695	Salt & anhydrite				
2490	3900	1410	Anhydrite, dolomite, & stringers tight sand				
3900	4200	300	Shale & dolomite				

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OIL CONSERVATION DIVISION