STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

Form C-105
Revised 10-1-78

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OIL CONSERVATION DIVISION

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease: State [X] Fee [ ]
5. State Oil & Gas Lease No.: V-1385

1a. TYPE OF WELL
b. TYPE OF COMPLETION
OIL WELL [X] GAS WELL [ ] DRY [ ] OTHER
NEW WELL [X] WORK OVER [ ] DEEPEN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] OTHER

7. Unit Agreement Name:
8. Farm or Lease Name: State 5
9. Well No.: 1
10. Field and Pool, or Wildcat: East Bagley Penn

2. Name of Operator: Petrus Operating Company, Inc.
3. Address of Operator: 12201 Merit Drive, Suite 900 Dallas, Texas 75251-2293
4. Location of Well: UNIT LETTER P LOCATED 660 FEET FROM THE South LINE AND 660 FEET FROM THE East LINE OF SEC. 5 TWP. 12S RGE. 34E NMPM
12. County: Lea

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Cashinghead
10-30-85	11-28-85	N/A	KB 4204, DF 4203, GL 4184	4184

20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools	Cable Tools
10,382	10,332		→	0-10,382	

24. Producing Interval(s), of this completion — Top, Bottom, Name: 9852-9860', 9952-9960', 9986-9992' Bough "A" and "B"
25. Was Directional Survey Made: No
26. Type Electric and Other Logs Run: CNL/LDT, DLL
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
13-3/8	54.5	415	17-1/2	450 sx Class C	-0-
8-5/8	32	4010	11	1600 sx HOWCO Lite 200 sx C	-0-
5-1/2	17	10382	7-7/8	450 sx Class H	-0-

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-7/8	9774	9774

31. Perforation Record (Interval, size and number)
9852-9860' 2 spf
9952-9960' 2 spf
9970-9976' 6 spf, squeezed
9986-9992' 2 spf
10,006-10,014' 6 spf, squeezed

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
9970-76, 10006-014	10000 gals 20% HCl w/300 gals CO
	sqz w/100 sx cmt
9852-60, 9952-60,	3000 gals 15% HCl + 15,000 gals
9986-92	SGA 20% HCl

33. PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping — Size and type pump)	Well Status (Prod. or Shut-in)
02-08-86	Swabbing	SI

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period →	Oil — Bbl.	Gas — MCF	Water — Bbl.	Gas — Oil Ratio
02-19-86	8			30	10' Flare	31	--

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate →	Oil — Bbl.	Gas — MCF	Water — Bbl.	Oil Gravity — API (Corr.)
-0-	-0-		90		93	48.1

34. Disposition of Gas (Sold, used for fuel, vented, etc.): Flared
Test Witnessed By: Bob Johnson

35. List of Attachments: 1 copy of each of the logs, Deviation survey

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 Suzann Jourdan Suzann Jourdan TITLE Regulatory Coordinator DATE July 1, 1986

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 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	4073	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	6980	T. Granite		T. Todilto		T.	
T. Drinkard		T. Delaware Sand		T. Entrada		T.	
T. Abo	7750	T. Bone Springs		T. Wingate		T.	
T. Wolfcamp		T.		T. Chinle		T.	
T. ~~Penn~~ Penn. 3 Bros	9656	T.		T. Permian		T.	
T Cisco (Bough C) A	9936	T.		T. Penn. "A"		T.	
B	9990						
C	10064						

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	590	590	Rock & redbed				
590	3012	2422	Anhydrite & salt				
3012	3712	700	Sand, shale, & anyhdrite				
3712	4010	298	Dolomite & lime				
4010	4826	816	Dolomite				
4826	5218	392	Lime				
5218	5957	739	Dolomite, lime, & shale				
5957	7242	1285	Dolomite				
7242	7504	262	Lime, dolomite, & shale				
7504	8172	668	Shale, dolomite				
8172	8956	784	Dolomite				
8956	9658	702	Lime				
9658	10382	724	Lime & shale				

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