Submit to Appropriate District Office State Lease - 6 copies Fee Lease - 5 copies DISTRICT I P.O. Box 1980, Hobbs, NM 8824

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-105 Revised 1-1-89

OIL CONSERVATION DIVISION WELL API NO.

Revised 1-1-

DISTRICT III 1000 Rio Brazos Rd., Aziec, NM 87410 WELL COMPLETION OR RECOMPLETION REPORT AND LOG WELL COMPLETION OR RECOMPLETION REPORT AND LOG 1a. Type of Well: OIL WELL GAS WELL DRY OTHER Goal Methane b. Type of Completion: NEW WORK BACK RESVR OTHER 2. Name of Operator Pennzoil Exploration and Production Company 3. Address of Operator P.O. Box 2967, Houston, Tx 77252 4. Well Location Unit Letter M: 660 Feet From The South Line and 715 Feet From The West Section 02 Township 30N Range 17E NMFM Colfax 10. Date Spudded 11. Date T.D. Reached 12. Date Compl. (Ready to Prod.) 13. Elevations (DF4 RKB, RT, GR, etc.) 14. Elev. Casingh 6/14/89 8/2/89 9/22/89 15. Total Depth 16 Plug Back T.D. 17. If Multiple Compl. How Many Zones? 19. Producing Interval(6), of this completion - Top, Bottom, Name 1471-1717 Multiple Coal Seams 20. Was Directional Survey M Yes 21. Type Electric and Other Logs Run GR, Dual Induction, Density, Neutron, Caliper, Drift Yes 22. Was Well Cored 22. Was Well Cored 7. Lease Name or Unit Agreement Name Castle Rock South 3017 7. Lease Name or Unit Agreement Name Castle Rock South 3017 7. Lease Name or Unit Agreement Name Castle Rock South 3017 7. Lease Name or Unit Agreement Name Castle Rock South 3017 7. Lease Name or Unit Agreement Name Castle Rock South 3017 7. Lease Name or Unit Agreement Name Castle Rock South 3017 7. Lease Name or Unit Agreement Name Castle Rock South 3017 7. Lease Name or Unit Agreement Name Castle Rock South 3017 7. Lease Name or Unit Agreement Name Castle Rock South 3017 7. Lease Name or Unit Agreement Name Castle Rock South 3017 7. Lease Name or Unit Agreement Name Castle Rock South 3017 7. Lease Name or Unit Agreement Name Castle Rock South 3017 7. Lease Name or Unit Agreement Name Castle Rock South 3017 7. Lease Name or Unit Agreement Name Castle Rock South 3017 7. Lease Name or Unit Agreement Name Castle Rock South 3017 7. Lease Name or Unit Agreement Name Castle Rock South 3017 8. Well No. 9. Pool name or Wildcat 9. Fool name or Wildcat	
DISTRICT III 1000 Rio Brazos Rd., Aziec, NM 87410 WELL COMPLETION OR RECOMPLETION REPORT AND LOG National Completion: Castle Rock South Castle Rock South	Line
Type of Well: OIL WELL GAS WELL DRY OTHER Coal Methane The Lease Name or Unit Agreement Name	County
Type of Well: OIL WELL GAS WELL DRY OTHER Coal Methane The Lease Name or Unit Agreement Name	County
b. Type of Completion: NEW WELL WORK OVER DEEPEN BACK DEFF RESVR OTHER 2. Name of Operator Pennzoil Exploration and Production Company 3. Address of Operator P.O. Box 2967, Houston, Tx 77252 4. Well Location Unit Letter M: 660 Feet From The South Line and 715 Feet From The West Section 02 Township 30N Range 17E NMPM Colfax 10. Date Spudded 11. Date T.D. Reached 12. Date Compl. (Ready to Prod.) 13. Elevations (DF4 RKB, RT, GR, etc.) 14. Elev. Casingth 6/14/89 8/2/89 9/22/89 8265 GR 15. Total Depth 16. Plug Back T.D. 17. If Multiple Compl. How Many Zones? 18. Intervals Dniled By Rotary Tools (Cable Tools 1873) 1833 19. Producing Interval(s), of this completion - Top, Bottom, Name 1471-1717 Multiple Coal Seams 21. Type Electric and Other Logs Run GR. Dual Induction, Density, Neutron, Caliper, Drift Yes	County
Pennzoil Exploration and Production Company 3. Address of Operator P.O. Box 2967, Houston, Tx 77252 4. Well Location Unit Letter M: 660 Feet From The South Line and 715 Feet From The West Section 02 Township 30N Range 17E NMPM Colfax 10. Date Spudded 11. Date T.D. Reached 12. Date Compl. (Ready to Prod.) 13. Elevations (DF& RKB, RT, GR, etc.) 14. Elev. Casingth 6/14/89 8/2/89 9/22/89 8265 GR 8258 15. Total Depth 16. Plug Back T.D. 17. If Multiple Compl. How Many Zones? 17. If Multiple Compl. How Many Zones? 18. Intervals Dnilled By 0-1873 19. Producing Interval(s), of this completion - Top, Bottom, Name 1471-1717 Multiple Coal Seams 20. Was Directional Survey M. Yes CR. Dual Induction, Density, Neutron, Caliper, Drift Yes	County
Pennzoil Exploration and Production Company 9. Pool name or Wildcal	County
P. O. Box 2967, Houston, Tx 77252 Wildcat	County
Unit Letter	County
Section O2 Township 30 N Range 17E NMPM Colfax	County
10. Date Spudded 11. Date T.D. Reached 12. Date Compl. (Ready to Prod.) 13. Elevations (DF& RKB, RT, GR, etc.) 14. Elev. Casingly 15. Total Depth 16. Plug Back T.D. 17. If Multiple Compl. How Many Zones? 18. Intervals Rotary Tools Cable Tools 18. Intervals Dnilled By 0-1873 19. Producing Interval(s), of this completion - Top, Bottom, Name 1471-1717 Multiple Coal Seams 20. Was Directional Survey Many Zones 22. Was Well Cored GR. Dual Induction, Density, Neutron, Caliper, Drift Yes	head
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Solution	
18. Intervals Drilled By Rotary Tools Cable Tools 18. Intervals Drilled By Rotary Tools Cable Tools 18. Intervals Drilled By Rotary Tools Cable Tools 19. Producing Interval(s), of this completion - Top, Bottom, Name 1471-1717 Multiple Coal Seams 20. Was Directional Survey M. Yes 21. Type Electric and Other Logs Run GR. Dual Induction, Density, Neutron, Caliper, Drift 22. Was Well Cored 23.	ade
19. Producing Interval(s), of this completion - Top, Bottom, Name 1471-1717 Multiple Coal Seams 20. Was Directional Survey M. Yes 21. Type Electric and Other Logs Run GR. Dual Induction, Density, Neutron, Caliper, Drift Yes 22. Was Well Cored Yes	ade
1471-1717 Multiple Coal Seams 21. Type Electric and Other Logs Run GR. Dual Induction, Density, Neutron, Caliper, Drift 22. Was Well Cored 23.	lade
21. Type Electric and Other Logs Run GR. Dual Induction, Density, Neutron, Caliper, Drift 22. Was Well Cored Yes	
23. Yes	
CASTNC PECOPD (D	
CASING RECORD (Report all strings set in well) CASING SIZE WEIGHT LB/FT. DEPTH SET HOLE SIZE CEMENTING RECORD AMOUNT	
11 3/4 42 44 5 14 2/4 1/2 AMOUNT	
6 5/6 24 33.1 11 175 sks Class G	
5 1/2 17 1862 7 7/8 350 sks Silicalite 0	
24. LINER RECORD 25. TUBING RECORD	
SIZE TOP BOTTOM SACKS CEMENT SCREEN SEED DEPOSIT OF THE SEED OF TH	KER SET
2 7/8 1812.5 NA	
26. Perforation record (interval, size, and number) 27. ACID. SHOT FRACTURE CEMENT SOLVESTE	
Z-% SPF 1-%SPF 2-%SPF	., ETC.
1/05-1/ 1552-54 1488-93	USED
1657-60 1541-44 1471-76 1417-1554 207,000 lbs sand 154,000 lbs sand	
Date First Production Production Method (Flowing, gas lift, pumping - Size and type pump) Well Steps (Park Size)	(a)
Producing Pumping 2 1/2x2x12' THD	· St.)
10 // /90' Cas - MCF Water - Bbl. Gas - MCF Water - Bbl. Gas - MCF	Oil Ratio
Flow Tubing Press Caping Pressure Calculated 24 Cit Put	
NA Hour Rate Oil Gravity - API - (Corr.)	,
29. Disposition of Gas (Sold, used for fuel, vented, etc.)	
Flared	
30. List Anachments Coal Summary attached.	<u> </u>
Add & electric logs previously submitted	
Signature Signature L. D. Williams Title Operations Supt. Date 11/2	2/89