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APPROVALS

YEAR(S):

1997



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
2040 S. PACHECO
SANTA FE, NEW MEXICO 87505
(505) 827-7131

October 14, 1997

CERTIFIED MAIL
RETURN RECEIPT NO. P-410-431-225

Mr. Denver Bearden
PNM Gas Services
P.O. Box 4750
Farmington, NM 87499

RE: FINAL SAN JUAN BASIN PIT CLOSURE REPORTS

Dear Mr. Bearden

The New Mexico Oil Conservation Division (OCD) has completed a review of PNM Gas Services' (PNM) July 28, 1997 "OCD PIT CLOSURE REPORTS, 2ND REPORTING QUARTER 1997". This document contains "PIT REMEDIATION AND CLOSURE REPORTS" for 83 unlined pits in the San Juan Basin of Northwestern New Mexico.

The pit closure/soil remediation activities conducted at the sites listed on Attachment A are approved.

Please be advised that OCD approval does not relieve PNM of liability if remaining contaminants are found to pose a future threat to surface water, ground water, human health or the environment. In addition, OCD approval does not relieve PNM of responsibility for compliance with any other federal, state or local laws and/or regulations.

The OCD has recently re-evaluated their policy on composite samples used to document final closure of unlined pits. The OCD requires that upon receipt of this correspondence PNM will collect all future soil samples using the following procedure:

1. Soils from the bottom of each pit will be collected as a separate sample and will not be composited with soils from the sidewalls of the pit.
2. Soils from the side walls of each pit will be collected as a separate composite sample.

Mr. Denver Bearden
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If you have any questions, please call me at (505) 827-7154.

Sincerely,

A handwritten signature in black ink, appearing to read "Will Olson", written in a cursive style.

William C. Olson
Hydrogeologist
Environmental Bureau

xc: OCD Aztec District Office
 Bill Liess, BLM Farmington District Office
 Pat Hester, BLM Albuquerque Office
 Kurt Sandoval, Jicarilla Apache Environmental Protection Office

ATTACHMENT A

PNM SITES APPROVED FOR FINAL PIT CLOSURE

October 14, 1997

<u>Well Name</u>	<u>Location</u>
1. Alston #1 (Separator pit)	Unit N, Sec. 35, T31N, R11W
2. Arizona Jicarilla #1 (Separator pit)	Unit F, Sec. 35, T25N, R04W
3. Arizona Jicarilla #3 (Separator pit)	Unit I, Sec. 35, T25N, R04W
4. Arizona Jicarilla #3 (Line drip pit)	Unit I, Sec. 35, T25N, R04W
5. Arizona Jicarilla #4 (Separator pit)	Unit D, Sec. 36, T25N, R04W
6. Arizona Jicarilla #5 (Separator pit)	Unit P, Sec. 25, T25N, R04W
7. Arizona Jicarilla #6 (Separator pit)	Unit P, Sec. 36, T25N, R04W
8. Arizona Jicarilla #7 (Separator pit)	Unit K, Sec. 26, T25N, R04W
9. Arizona Jicarilla #7 (Line drip pit)	Unit K, Sec. 26, T25N, R04W
10. Arizona Jicarilla #8 (Separator pit)	Unit D, Sec. 25, T25N, R04W
11. Arizona Jicarilla #9 (Separator pit)	Unit N, Sec. 25, T25N, R04W
12. Arizona Jicarilla #9 (Line drip pit)	Unit N, Sec. 35, T25N, R04W
13. Arizona Jicarilla #10 (Separator pit)	Unit H, Sec. 35, T25N, R04W
14. Arizona Jicarilla A-4 (Separator pit)	Unit M, Sec. 24, T25N, R04W
15. Arizona Jicarilla B-2 (Separator pit)	Unit L, Sec. 09, T26N, R05W
16. Arizona Jicarilla B-3 (Separator pit)	Unit M, Sec. 10, T26N, R05W
17. Arizona Jicarilla B-6 (Separator pit)	Unit J, Sec. 09, T26N, R05W
18. Arizona Jicarilla B-6 (Line drip pit)	Unit J, Sec. 09, T26N, R05W
19. Arizona Jicarilla B-8 (Separator pit)	Unit C, Sec. 09, T26N, R05W
20. Arizona Jicarilla B-8 (Line drip pit)	Unit C, Sec. 09, T26N, R05W
21. Arizona Jicarilla B-9 (Separator pit)	Unit D, Sec. 10, T26N, R05W
22. Axi Apache K-2A (Separator pit)	Unit P, Sec. 04, T26N, R05W
23. Axi Apache K-2A (Line drip pit)	Unit P, Sec. 04, T26N, R05W
24. Axi Apache K-3 (Separator pit)	Unit A, Sec. 09, T26N, R05W
25. Axi Apache K-4 (Separator/dehy pit)	Unit J, Sec. 03, T26N, R05W
26. Axi Apache K-5A #1 (Separator pit)	Unit P, Sec. 10, T26N, R05W
27. Axi Apache K-5A #2 (Dehy pit)	Unit P, Sec. 10, T26N, R05W
28. Axi Apache K-5A (Line drip pit)	Unit P, Sec. 10, T26N, R05W
29. Axi Apache L-1 (Dehy pit)	Unit M, Sec. 36, T25N, R04W
30. Axi Apache L-2 (Separator pit)	Unit A, Sec. 36, T25N, R04W
31. Axi Apache L-4 (Separator pit)	Unit M, Sec. 26, T25N, R04W
32. Axi Apache L-5 (Separator pit)	Unit A, Sec. 26, T25N, R04W
33. Axi Apache L-6 (Separator pit)	Unit A, Sec. 25, T25N, R04W
34. Axi Apache M-4 (Separator pit)	Unit I, Sec. 24, T25N, R04W
35. Breech #370M (Separator pit)	Unit O, Sec. 13, T26N, R06W

ATTACHMENT A (continued)

PNM SITES APPROVED FOR FINAL PIT CLOSURE

October 14, 1997

<u>Well Name</u>	<u>Location</u>
36. Breech B#217 (Separator pit)	Unit D, Sec. 14, T26N, R07W
37. Breech B#220M (Separator pit)	Unit E, Sec. 14, T26N, R07W
38. Breech B#281 (Drip pit)	Unit L, Sec. 14, T26N, R07W
39. Candado #1 ML (Drip pit)	Unit J, Sec. 15, T26N, R07W
40. Federal 8 #224 (Dehy pit)	Unit F, Sec. 08, T26N, R07W
41. Foster #1 (Separator pit)	Unit M, Sec. 24, T26N, R08W
42. Foster #2 (Drip riser pit)	Unit D, Sec. 24, T26N, R08W
43. Foster #2 (Drip pit)	Unit D, Sec. 24, T26N, R08W
44. Harrison #2 (Separator pit)	Unit N, Sec. 31, T32N, R10W
45. Haynie #2 (Dehy pit)	Unit B, Sec. 04, T30N, R11W
46. Jicarilla Apache Tribal 151-1 (Dehy pit)	Unit N, Sec. 10, T26N, R05W
47. Jicarilla Apache Tribal 151-1E (Dehy pit)	Unit P, Sec. 10, T26N, R05W
48. Jicarilla Apache Tribal 151-2E (Dehy pit)	Unit D, Sec. 10, T26N, R05W
49. Jicarilla Apache Tribal 151-4E (Drip pit)	Unit L, Sec. 03, T26N, R05W
50. Jicarilla Apache Tribal 151-5 (Dehy pit)	Unit K, Sec. 09, T26N, R05W
51. Jicarilla Apache Tribal 151-6E (Dehy pit)	Unit O, Sec. 09, T26N, R05W
52. Jicarilla Apache Tribal 151-6E (Line drip pit)	Unit O, Sec. 09, T26N, R05W
53. Jicarilla D-13A (Dehy pit)	Unit P, Sec. 32, T26N, R03W
54. Jicarilla D-20 (Separator pit)	Unit N, Sec. 31, T26N, R03W
55. Jicarilla D-3 (Separator pit)	Unit I, Sec. 32, T26N, R03W
56. Jicarilla D-8 (Separator pit)	Unit M, Sec. 32, T26N, R03W
57. Jicarilla D-9 (Separator pit)	Unit N, Sec. 31, T26N, R03W
58. Jicarilla G-4 (Dehy pit)	Unit N, Sec. 11, T26N, R05W
59. Jicarilla G-5 (Dehy pit)	Unit L, Sec. 12, T26N, R05W
60. Jicarilla G-5 (Line drip pit)	Unit L, Sec. 12, T26N, R05W
61. Jicarilla G-7M (Dehy pit)	Unit P, Sec. 11, T26N, R05W
62. Lawson #1A (Separator/dehy pit)	Unit D, Sec. 12, T31N, R11W
63. Main Line Drip DH (Drip pit)	Unit N, Sec. 31, T32N, R10W
64. Mangum #4 (Dehy pit)	Unit K, Sec. 28, T29N, R11W
65. McCoy A#1A (Dehy pit)	Unit F, Sec. 18, T31N, R10W
66. Miles Federal #2 (Dehy pit)	Unit N, Sec. 07, T26N, R07W
67. NCRA #1 (Dehy pit)	Unit D, Sec. 22, T26N, R07W
68. Nickson #1 (Drip pit)	Unit N, Sec. 35, T26N, R08W
69. Nickerson #1 Drip (Drip pit)	Unit N, Sec. 35, T26N, R08W
70. Nickerson #2 (Drip pit)	Unit N, Sec. 23, T26N, R08W

ATTACHMENT A (continued)

PNM SITES APPROVED FOR FINAL PIT CLOSURE

October 14, 1997

	<u>Well Name</u>	<u>Location</u>
71.	Nickson #3 (Drip pit)	Unit H, Sec. 22, T26N, R08W
72.	Nickson #4 (Drip pit)	Unit N, Sec. 14, T26N, R08W
73.	Nickson #5 (Drip pit)	Unit F, Sec. 23, T26N, R08W
74.	Nickson #8 (Drip pit)	Unit C, Sec. 26, T26N, R08W
75.	Nickson #8 Drip (Drip pit)	Unit C, Sec. 26, T26N, R08W
76.	Nickson #18 (Drip pit)	Unit M, Sec. 14, T26N, R08W
77.	Payne #1R (Dehy pit)	Unit M, Sec. 20, T32N, R10W
78.	Primo #1A East Pit (Dehy pit)	Unit D, Sec. 06, T31N, R10W
79.	Primo #1A West Pit (Dehy pit)	Unit D, Sec. 06, T31N, R10W
80.	Randelman #1A (Separator pit)	Unit E, Sec. 13, T31N, R11W
81.	Ruple #2 (Separator pit)	Unit O, Sec. 24, T31N, R11W
82.	Shiprock Makeup Meter Station (Separator pit)	Unit P, Sec. 31, T32N, R13W
83.	Storey #1A (Dehy pit)	Unit P, Sec. 34, T32N, R11W