

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-144  
June 1, 2004

For drilling and production facilities, submit to appropriate NMOCD District Office.  
For downstream facilities, submit to Santa Fe office

**Pit or Below-Grade Tank Registration or Closure**

Is pit or below-grade tank covered by a "general plan"? Yes ☒ No ☐

Type of action: Registration of a pit or below-grade tank ☐ Closure of a pit or below-grade tank ☒

Operator: Public Service Company of New Mexico Telephone: (505) 241-2016 e-mail address: rdelapp@pnm.com

Address: Alvarado Square, Mail Stop 2104 Albuquerque, NM 87158-2104

Facility or well name: San Ysidro Well No 7 API #: 30-043-20136 U/L or Qtr/Qtr SW Sec 20 T 15N R 1E

County: Sandoval Latitude: 35.51117 Longitude: -106.86092 NAD: 1927 ☐ 1983 ☒ Surface Owner Federal ☒ State ☐ Private ☐ Indian ☐

**Pit**

Type: Drilling ☐ Production ☐ Disposal ☒

Workover ☐ Emergency ☐

Lined ☐ Unlined ☒

Liner type: Synthetic ☐ Thickness mil Clay ☐

Pit Volume 2132 bbl

**Below-grade tank**

Volume: bbl Type of fluid:

Construction material:

Double-walled, with leak detection? Yes ☐ If not, explain why not.

Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)

Less than 50 feet

(20 points)

50 feet or more, but less than 100 feet

(10 points)

100 feet or more

( 0 points)

Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)

Yes

(20 points)

No

( 0 points)

Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)

Less than 200 feet

(20 points)

200 feet or more, but less than 1000 feet

(10 points)

1000 feet or more

( 0 points)

**Ranking Score (Total Points)**

( 0 points)

**If this is a pit closure:** (1) attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location: (check the onsite box if you are burying in place) onsite ☒ offsite ☐ If offsite, name of facility. (3) Attach a general description of remedial action taken including remediation start date and end date. (4) Groundwater encountered: No ☒ Yes ☐ If yes, show depth below ground surface ft. and attach sample results. (5) Attach soil sample results and a diagram of sample locations and excavations.

Additional Comments:

Site remediation not necessary, closed in place.

Ranking Score: 0

Analytical Results and Site Map provided as attachment.

RECEIVED  
DEC 30 2004

OIL CON. DIV.  
DIST. 8

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that the above-described pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☒, a general permit ☐, or an (attached) alternative OCD-approved plan ☒.

Date: 1/4/05

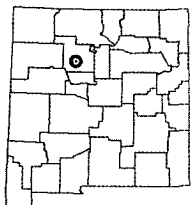
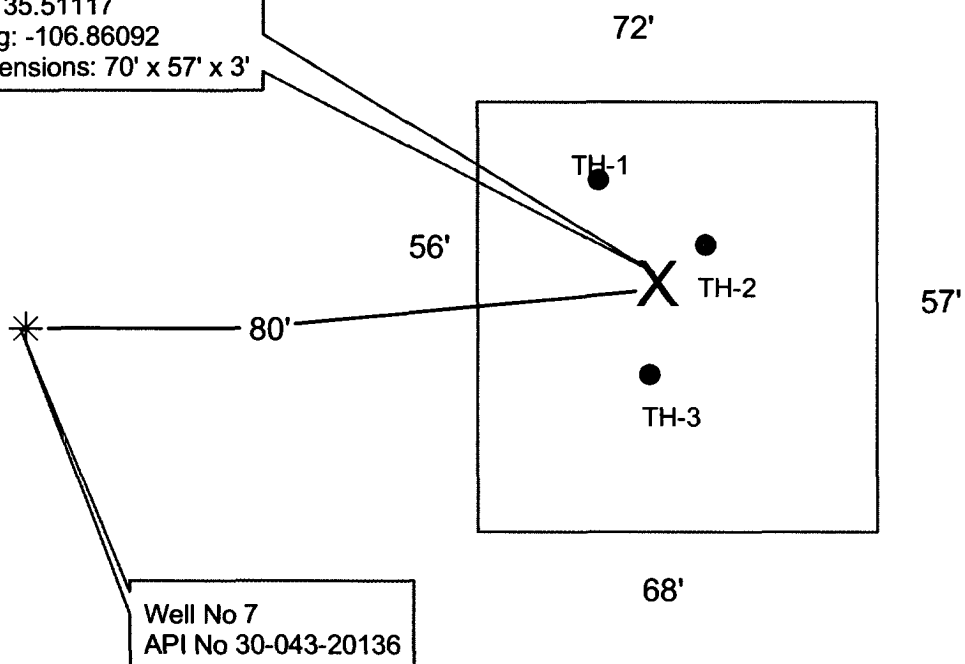
Printed Name/Title: Robin Delapp, Sr. Env. Scientist Signature: Robin K. Delapp

Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.

Approval: DEPUTY OIL & GAS INSPECTOR, DIST. 8

Printed Name/Title: Signature: Date: DEC 30 2004

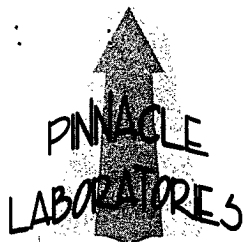
Pit from Well 7  
Lat: 35.51117  
Long: -106.86092  
Dimensions: 70' x 57' x 3'



- Pit
- Test Hole

**Well Pit 7**  
**Sample Locations**  
**PNM San Ysidro Natural Gas Storage Facility**  
**S20, T15N, R1E**





2709-D Pan American Freeway NE  
Albuquerque, New Mexico 87107  
Phone (505) 344-3777  
Fax (505) 344-4413

# GAS CHROMATOGRAPHY RESULTS

TEST : EPA 8021B / 8015B GRO - METHANOL PRESERVATION  
CLIENT : PUBLIC SERVICE COMPANY  
PROJECT # : (NONE)  
PROJECT NAME : SAN YSIDRO

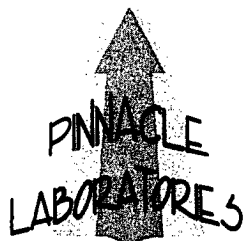
PINNACLE I.D. : 412316  
ANALYST : BP

SAMPLE ID. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
01	PIT FROM WELL 5 & 8 COMPOS 1-3	NON-AQ	12/17/2004	NA	12/20/2004	1
02	PIT FROM WELL 5 & 8 COMPOSITE 4-6	NON-AQ	12/17/2004	NA	12/20/2004	1
03	PIT FROM WELL 7	NON-AQ	12/17/2004	NA	12/20/2004	1

PARAMETER	DET. LIMIT	UNITS	PIT FROM WELL 5 & 8 COMPOS 1-3	PIT FROM WELL 5 & 8 COMPOSITE 4-6	PIT FROM WELL 7
FUEL HYDROCARBONS	10	MG/KG	< 10.0	< 10.0	< 10.0
HYDROCARBON RANGE			C6-C10	C6-C10	C6-C10
HYDROCARBONS QUANTITATED USING			GASOLINE	GASOLINE	GASOLINE
BENZENE	0.025	MG/KG	< 0.025	< 0.025	< 0.025
TOLUENE	0.025	MG/KG	< 0.025	< 0.025	< 0.025
ETHYLBENZENE	0.025	MG/KG	< 0.025	< 0.025	< 0.025
TOTAL XYLENES	0.050	MG/KG	< 0.050	< 0.050	< 0.050
METHYL-t-BUTYL ETHER	0.13	MG/KG	< 0.13	< 0.13	< 0.13

SURROGATE:  
BROMOFLUOROBENZENE (%) 101 101 98  
SURROGATE LIMITS ( 80 - 120 )  
DRY WEIGHT (%) 78 76 84

CHEMIST NOTES:  
N/A



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ANALYST : BP

SAMPLE	DATE	DATE	DATE	DIL.		
ID. #	CLIENT I.D.	MATRIX	SAMPLED	EXTRACTED	ANALYZED	FACTOR
04	PIT FROM WELL 4	NON-AQ	12/17/2004	NA	12/20/2004	1

PARAMETER	DET. LIMIT	UNITS	PIT FROM WELL 4
FUEL HYDROCARBONS	10	MG/KG	< 10.0
HYDROCARBON RANGE			C6-C10
HYDROCARBONS QUANTITATED USING			GASOLINE

BENZENE	0.025	MG/KG	< 0.025
TOLUENE	0.025	MG/KG	< 0.025
ETHYLBENZENE	0.025	MG/KG	< 0.025
TOTAL XYLENES	0.050	MG/KG	< 0.050
METHYL-t-BUTYL ETHER	0.13	MG/KG	< 0.13

#### SURROGATE:

BROMOFLUOROBENZENE (%)	98
SURROGATE LIMITS ( 80 - 120 )	
DRY WEIGHT (%)	82

#### CHEMIST NOTES:

N/A