

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 ☒

RECEIVED

MAY 02 2005

ODD-ARTESIA

Operator: Yates Petroleum Corporation Telephone: 505-748-4500 e-mail address: mikes@ypc.com
Address: 105 South 4th Street, Artesia, N.M. 88210
Facility or well name: Zingaro ANG Federal 5 API #: 30-015-32346 U/L or Qtr/Qtr N Sec 1 T 22S R 23E
County: Eddy Latitude 32.41443 Longitude 104.55533 NAD: 1927 ☐ 1983 ☒
Surface Owner: Federal ☒ State ☐ Private ☐ Indian ☐

Pit

Type: Drilling ☒ Production ☐ Disposal ☐
Work over ☐ Emergency ☐
Lined ☒ Unlined ☐
Liner type: Synthetic ☐ Thickness 12 mil Clay ☐
Pit Volume 12,000 bbl

Below-grade tank

Volume: bbl Type of fluid:
Construction material:
Double-walled, with leak detection? Yes ☐ If not, explain why not.

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JUL 06 2005

ODD-ARTESIA

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) XXXX

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) XXXX

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) XXXX

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 your are burying in place) onsite ☒ offsite ☐ If offsite, name of facility NA. (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: Closure work plan for drilling pit. The drilling pit contents will be mixed to stiffen the pit contents. Encapsulation trench will be excavated and lined with a 12 mil. Synthetic liner on former drilling pit site. Drilling pit contents will then be emplaced into the encapsulation trench. A 20 mil. Synthetic liner will then be placed over the pit contents with a min. of a 3' over lap of the underlying trench areas. The encapsulation trenches will then be backfilled back to grade using a min. of 3' of clean soil and like material. A one call & 48 hour notice will be provided to the Oil Conservation Division before pit closure actions begin.

Pit Closure actions to begin by NA. Ending date NA

PIT CLOSURE FINAL

DATE 6/7/2005

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: 04/28/2005

Printed Name/Title Dan Dolan / Regulatory Agent

Signature [Signature]

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: [Signature]

Printed Name/Title

Signature [Signature]

MAY 3 2005
Date:

* Backhoe Service.

Accepted for record - NMOCD

JUL 7 2005

MARTIN YATES, III
1912 - 1985
FRANK W. YATES
1935 - 1985



105 SOUTH FOURTH STREET
ARTESIA, NEW MEXICO 88210-2116
TELEPHONE (505) 748-1471

S. P. YATES
CHAIRMAN OF THE BOARD
JOHN A. YATES
PRESIDENT
PENTON YATES
EXECUTIVE VICE PRESIDENT
RANDY G. PATTERSON
SECRETARY
DENNIS G. KINSEY
TREASURER

I certify that on 6/3/2005 tests were conducted on soil samples from the

30-015-32346 UT. N 1-22S-23E Zingaro ANG Fed. #5

Following are results of those tests.

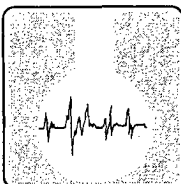
EPA Method 9074, TPH Surface grab sample bottom pit NE corner. 120 ppm.

EPA Method 9253, See Analytical from ASSAIGAI Lab. Inc.

PID Meter, BTEX Surface grab sample bottom pit NE corner 0 ppm.

All testing was done at Yates Petroleum Corp., or on location.

Daniel W. Dolan CWC
Environmental Regulatory Agent



ASSAIGAI ANALYTICAL LABORATORIES, INC.

4301 Masthead NE • Albuquerque, New Mexico 87109 • (505) 345-8964 • FAX (505) 345-7259

3332 Wedgewood, Ste. N • El Paso, Texas 79925 • (915) 593-6000 • FAX (915) 593-7820

127 Eastgate Drive, 212-C • Los Alamos, New Mexico 87544 • (505) 662-2558

YATES PETROLEUM CORP.
attn: **DAN DOLAN**
105 S. 4TH STREET
ARTESIA

NM 88210

Explanation of codes

B	Analyte Detected in Method Blank
E	Result is Estimated
H	Analyzed Out of Hold Time
N	Tentatively Identified Compound
S	Subcontracted
1-9	See Footnote

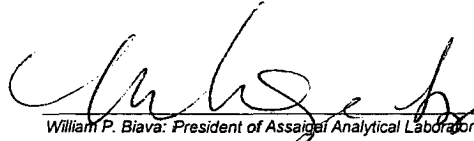
STANDARD

Assaigai Analytical Laboratories, Inc.

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

Client: **YATES PETROLEUM CORP.**
Project: **DICE #2, RITA T2 #5, ZINGARO ANG #2**
Order: **0506240 YAT01** Receipt: **06-10-05**


William P. Biava: President of Assaigai Analytical Laboratories, Inc.

Sample: **DICE #2**
Matrix: **SOIL**

Collected: 06-02-05 13:30:00 By:

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
0506240-01A		SW846 5035B/8015B	GRO by GC/FID					By: TRS		
V05079	XG.2005.986.10		Gasoline Range Organics	ND	mg / Kg	1	0.55	1, H	06-21-05	06-21-05
0506240-01A		SW846 8015B	Diesel Range Organics by GC/FID					By: JWB		
S05082	XG.2005.989.6		Diesel Range Organics	ND	mg / Kg	1	25		06-16-05	06-21-05

Sample: **RITA T2 #5**
Matrix: **SOIL**

Collected: 06-02-05 10:30:00 By:

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
0506240-02A		SW846 5035B/8015B	GRO by GC/FID					By: TRS		
V05079	XG.2005.986.11		Gasoline Range Organics	ND	mg / Kg	1	0.55	1, H	06-21-05	06-21-05
0506240-02A		SW846 8015B	Diesel Range Organics by GC/FID					By: JWB		
S05082	XG.2005.989.9		Diesel Range Organics	ND	mg / Kg	1	25		06-16-05	06-21-05

Sample: **ZINGARO ANG #2**
Matrix: **SOIL**

Collected: 06-05-05 13:30:00 By:

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
0506240-03A		SW846 5035B/8015B	GRO by GC/FID					By: TRS		
V05079	XG.2005.986.12		Gasoline Range Organics	ND	mg / Kg	1	0.55	1, H	06-21-05	06-21-05

Assaigai Analytical Laboratories, Inc.

Certificate of Analysis*All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).*

Client: **YATES PETROLEUM CORP.**
Project: **DICE #2, RITA T2 #5, ZINGARO ANG #2**
Order: **0506240 YAT01** Receipt: **06-10-05**

Sample: **ZINGARO ANG #5**

Collected: 06-05-05 13:30:00 By:

Matrix: **SOIL**

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
0506240-03A			SW846 8015B Diesel Range Organics by GC/FID					By: JWB		
S05082	XG.2005.989.10		Diesel Range Organics	69	mg / Kg	1	25		06-16-05	06-21-05

Unless otherwise noted, all samples were received in acceptable condition and all sampling was performed by client or client representative. Sample result of ND indicates Not Detected, ie result is less than the sample specific Detection Limit. Sample specific Detection Limit is determined by multiplying the sample Dilution Factor by the listed Reporting Detection Limit. All results relate only to the items tested. Any miscellaneous workorder information or footnotes will appear below.

Analytical results are not corrected for method blank or field blank contamination.

1 Sample was received with headspace.

MEMO: Samples were received at 20.1 degrees Celsius.

ASSAIGAI ANALYTICAL LABORATOR

4301 Masthead N.E.
ALBUQUERQUE, NEW MEXICO 87109
(505) 345-8964

**3332 WEDGEWOOD
EL PASO, TEXAS 79925
(915) 593-6000**

127 EASTGATE DRIVE, 212-C
LOS ALAMOS, NEW MEXICO 87544
(505) 662-2558

Client Yates Pctro. Corp. Project Manager / Contact _____
Address _____ Telephone No. _____
City / State / Zip Artstia, N.M. Fax No. _____
Project Name / Number Dice #2, Rita T2 #5, Zingco Ampsamplers : (signature)
Contract / Purchase Order / Quote _____

Contract / Purchase Order / Quote

ALI Fraction Number	Field Sample Number / Location	Date	Time	Sample Type	Type / Size of Container	Preservation	
						Temp.	Chemical
01A	Dice #2 ^{UTN-15} 135-26C	6/2/05	1:30p	Sol	Quart 410G		ire
02A	Rita #2 ^{UTN-14} 7205-85-26C	6/2/05	10:30p	Sol	Zuploc		
03A	Zingaro ^{UTN-13} AN6 #2	6/5/05	1:30p	Sol	↓		
04	UTN 1-225-27C						
05							
06							
07							
08							
09							
10							

Analysis Required

No. of Containers

Remarks:

Relinquished by: Mike Stubblefield
Signature Mike Stubblefield
Printed Mike Stubblefield
Company Valley Petro. Corp.
Reason

Received by: _____
Signature _____
Printed _____
Company _____
Reason _____

Relinquished by: _____
Signature _____
Printed _____
Company _____
Reason _____

Date 6/1/ Time 7:00

Received by: John Doe
Signature: [Signature]
Printed: John Doe
Company: ABC
Reason: Analysis

Method of Shipment _____
Shipment No. _____
Special Instructions: _____

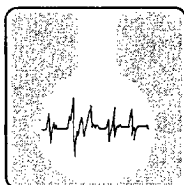
Comments:

Comments: $\rightarrow$ 1 cm P. 20.1 8015 - per manian
NCR 20/10/20

After analysis, samples are to be:

- ☐ **Disposed of (additional fee)**
- ☐ **Stored (30 days max)**
- ☐ **Stored over 30 days (additional fee)**
- ☐ **Returned to customer**

LABO. DRY



ASSAIGAI ANALYTICAL LABORATORIES, INC.

4301 Masthead NE • Albuquerque, New Mexico 87109 • (505) 345-8964 • FAX (505) 345-7259

3332 Wedgewood, Ste. N • El Paso, Texas 79925 • (915) 593-6000 • FAX (915) 593-7820

127 Eastgate Drive, 212-C • Los Alamos, New Mexico 87544 • (505) 662-2558

YATES PETROLEUM CORP.
attn: **MIKE STUBBLEFIELD**
105 S. 4TH STREET
ARTESIA

NM 88210

Explanation of codes

B	Analyte Detected in Method Blank
E	Result is Estimated
H	Analyzed Out of Hold Time
N	Tentatively Identified Compound
S	Subcontracted
1-9	See Footnote

STANDARD

Assaigai Analytical Laboratories, Inc.

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

Client: **YATES PETROLEUM CORP.**

Project: **ZINGARO AWG FED. #5**

Order: **0505624 YAT01**

Receipt: **05-31-05**

William P. Biava
William P. Biava: President of Assaigai Analytical Laboratories, Inc.

Sample: **01 UNDER TRENCH D.P**

Collected: **05-25-05 14:00:00** By: **MS**

Matrix: **FLUID**

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
0505624-01A		EPA 300.0 Anions by IC						By: JTK		
W05421	WC.2005.1501.25	16887-00-6	Chloride	87800	mg/L	5000	0.05		06-01-05	06-01-05
0505624-01A		SW846 5030A/8015B GRO by GC/FID						By: TRS		
V05059	XG.2005.934.5		Gasoline Range Organics	ND	mg/L	1	0.25		06-07-05	06-07-05
0505624-01A		SW846 5030B/8021B Purgeable VOCs by GC/PID						By: TRS		
V05060	XG.2005.936.5	71-43-2	Benzene	1.3	ug/L	1	1		06-07-05	06-07-05
V05060	XG.2005.936.5	100-41-4	Ethylbenzene	3.0	ug/L	1	1		06-07-05	06-07-05
V05060	XG.2005.936.5	95-47-6	o-Xylene	4.9	ug/L	1	1		06-07-05	06-07-05
V05060	XG.2005.936.5	108-38-3/106-42	p/m-Xylenes	7.9	ug/L	1	2		06-07-05	06-07-05
V05060	XG.2005.936.5	108-88-3	Toluene	7.3	ug/L	1	1		06-07-05	06-07-05
0505624-01A		SW846 8015B Diesel Range Organics by GC/FID						By: JWB		
S05081	XG.2005.982.6		Diesel Range Organics	ND	mg/L	1	25	H	06-16-05	06-18-05

Unless otherwise noted, all samples were received in acceptable condition and all sampling was performed by client or client representative. Sample result of ND indicates Not Detected, ie result is less than the sample specific Detection Limit. Sample specific Detection Limit is determined by multiplying the sample Dilution Factor by the listed Reporting Detection Limit. All results relate only to the items tested. Any miscellaneous workorder information or footnotes will appear below.

Analytical results are not corrected for method blank or field blank contamination.

MEMO: Samples were received at 25.8 degrees Celsius.

**ASSAIGAI
ANALYTICAL
LABORATORIES, INC.**

Chain of Custody Record

4301 Masthead N.E.
ALBUQUERQUE, NEW MEXICO 87109
(505) 345-8964

3332 WEDGEWOOD
EL PASO, TEXAS 79925
(915) 593-8000

127 EASTGATE DRIVE, 212-C
LOS ALAMOS, NEW MEXICO 87544
(505) 662-2558

Lab Job No.: 05561024 Date: _____

Page _____ of _____

Project Manager / Contact: Mike Stubbins

Telephone No.: 214 4630

Fax No.: 214 4635

Samplers: (signature) [Signature]

Client: State of New Mexico

Address: 101 South 1st Street

City / State / Zip: Albuquerque, NM 87102

Project Name / Number: 30000000000000000000

Contract / Purchase Order / Quote: _____

Analysis Required		Remarks
No. of Containers	Analysis Required	
1	1	
2	2	
3	3	
4	4	
5	5	
6	6	
7	7	
8	8	
9	9	
10	10	
11	11	
12	12	
13	13	
14	14	
15	15	
16	16	
17	17	
18	18	
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37	37	
38	38	
39	39	
40	40	
41	41	
42	42	
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44	44	
45	45	
46	46	
47	47	
48	48	
49	49	
50	50	

AALI Fraction Number	Field Sample Number / Location	Date	Time	Sample Type	Type / Size of Container	Preservation	
						Temp.	Chemical
1	1	1/1/00	10:00	1	1	1	1
2	2	2/1/00	20:00	2	2	2	2
3	3	3/1/00	30:00	3	3	3	3
4	4	4/1/00	40:00	4	4	4	4
5	5	5/1/00	50:00	5	5	5	5
6	6	6/1/00	60:00	6	6	6	6
7	7	7/1/00	70:00	7	7	7	7
8	8	8/1/00	80:00	8	8	8	8
9	9	9/1/00	90:00	9	9	9	9
10	10	10/1/00	10:00	10	10	10	10
11	11	11/1/00	11:00	11	11	11	11
12	12	12/1/00	12:00	12	12	12	12
13	13	13/1/00	13:00	13	13	13	13
14	14	14/1/00	14:00	14	14	14	14
15	15	15/1/00	15:00	15	15	15	15
16	16	16/1/00	16:00	16	16	16	16
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19	19	19/1/00	19:00	19	19	19	19
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27	27	27/1/00	27:00	27	27	27	27
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29	29	29/1/00	29:00	29	29	29	29
30	30	30/1/00	30:00	30	30	30	30
31	31	31/1/00	31:00	31	31	31	31
32	32	32/1/00	32:00	32	32	32	32
33	33	33/1/00	33:00	33	33	33	33
34	34	34/1/00	34:00	34	34	34	34
35	35	35/1/00	35:00	35	35	35	35
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41	41	41/1/00	41:00	41	41	41	41
42	42	42/1/00	42:00	42	42	42	42
43	43	43/1/00	43:00	43	43	43	43
44	44	44/1/00	44:00	44	44	44	44
45	45	45/1/00	45:00	45	45	45	45
46	46	46/1/00	46:00	46	46	46	46
47	47	47/1/00	47:00	47	47	47	47
48	48	48/1/00	48:00	48	48	48	48
49	49	49/1/00	49:00	49	49	49	49
50	50	50/1/00	50:00	50	50	50	50

Relinquished by:		Received by:		Date	
Signature	Printed	Signature	Printed	Signature	Printed
<u>[Signature]</u>	<u>[Printed]</u>	<u>[Signature]</u>	<u>[Printed]</u>	<u>[Signature]</u>	<u>[Printed]</u>
Company	Reason	Company	Reason	Company	Reason
<u>[Company]</u>	<u>[Reason]</u>	<u>[Company]</u>	<u>[Reason]</u>	<u>[Company]</u>	<u>[Reason]</u>

Comments:	
<u>(order temp 25.00)</u>	

Method of Shipment	
<u>[Method]</u>	

Special Instructions:	
<u>[Instructions]</u>	

After analysis, samples are to be:	
☐ Disposed of (additional fee)	☐ Stored (30 days max)
☐ Stored over 30 days (additional fee)	☐ Returned to customer

CARRIER