

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: <u>Yates Petroleum Corporation</u> Telephone: <u>505-748-4500</u> e-mail address: <u>mikes@ypcnm.com</u>		
Address: <u>105 South 4th Street, Artesia, NM 88210</u>		
Facility or well name: <u>Sarah UM Federal Com 1</u> API #: <u>30 005 61665</u> U/L or Qtr/Qtr <u>K</u> Sec <u>15</u> T <u>9S</u> R <u>25E</u>		
County: <u>Chaves</u> Latitude <u>33.53145</u> Longitude <u>104.39071</u> NAD: 1927 ☒ 1983 ☐		
Surface Owner: Federal ☒ State ☐ Private ☐ Indian ☐		
RECEIVED		
Pit Type: Drilling ☒ Production ☐ Disposal ☐ Work over ☐ Emergency ☐ Lined ☒ Unlined ☐ Liner type: Synthetic ☒ Thickness <u>12</u> mil Clay ☐ Pit Volume _____ bbl	Below-grade tank Volume: _____ bbl Type of fluid: _____ Construction material: _____ Double-walled, with leak detection? Yes ☐ If not, explain why not. _____	JAN 24 2006 OOD-ARTESIA
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)	Less than 50 feet 50 feet or more, but less than 100 feet 100 feet or more	(20 points) XXXX (10 points) (0 points) RECEIVED APR 10 2006
Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)	Yes No	(20 points) (0 points) XXXX OOD-ARTESIA
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	Less than 200 feet 200 feet or more, but less than 1000 feet 1000 feet or more	(20 points) (10 points) (0 points) XXXX
Ranking Score (Total Points)		20 Points

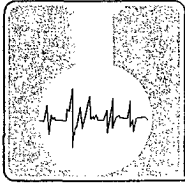
If this is a pit closure: (1) Attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location: (check the onsite box if you are burying in place) onsite ☐ offsite ☒ If offsite, name of facility: N/A (3) Attach a general description of remedial 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: As per drilling permit stipulations: the drilling pit contents will be removed and hauled to an OCD approved soil waste facility.
The excavated area will be backfilled to grade using a minimum of 3' of clean soil and like material. A one call and a 48 hour notice will be provided to the Oil Conservation Division.
Pit Closure start date: <u>N/A</u> Final closure date: <u>N/A</u>
PIT CLOSURE FINAL DATE 3/7/2006

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: <u>01/20/2006</u>	
Printed Name/Title: <u>Mike Stubblefield / Regulatory Agent</u>	Signature: <u>[Signature]</u>
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: Printed Name/Title: _____ Signature: <u>[Signature]</u> Date: <u>JAN 25 2006</u>	

[Signature]
APR 17 2006



ASSAIGAI ANALYTICAL LABORATORIES, INC.

4301 Masthead NE, Ste. A • 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: SARAH UM FED. COM. #1

Order: 0602396 YAT01 Receipt: 02-21-06

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

Sample: 1. EXCAVATED TRENCH

Collected: 02-17-06 13:30:00 By: MS

Matrix: WTR

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
0602396-0001A			EPA 4.1.3/200.7 ICP					By: TGA		
M06256	MT.2006.445.32	7440-70-2	Calcium	2280	mg/L	50	0.5		03-03-06	03-06-06
M06256	MT.2006.445.33	7440-23-5	Sodium	21400	mg/L	500	0.5		03-03-06	03-06-06
0602396-0001A			SW846 5030B/8260B Purgeable VOCs by GC/MS					By: MDE		
V06092	XG.2006.234.14	71-43-2	Benzene	ND	ug/L	1	1	1	02-27-06	02-27-06
V06092	XG.2006.234.14	100-41-4	Ethylbenzene	1.0	ug/L	1	1	1	02-27-06	02-27-06
V06092	XG.2006.234.14	95-47-6	o-Xylene	ND	ug/L	1	1	1	02-27-06	02-27-06
V06092	XG.2006.234.14	108-38-3/106-42	p/m-Xylenes	ND	ug/L	1	2	1	02-27-06	02-27-06
V06092	XG.2006.234.14	108-88-3	Toluene	ND	ug/L	1	1	1	02-27-06	02-27-06
0602396-0001A			EPA 300.0 Anions by IC					By: JTK		
W06131	WC.2006.455.12	16887-00-6	Chloride	33600	mg/L	5000	0.05		02-21-06	02-22-06

Sample: 2. EXCAVATED TRENCH

Collected: 02-17-06 13:40:00 By: MS

Matrix: COMP

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
0602396-0002A			SW846 3050B/6010B ICP					By: TGA		
M06261	MT.2006.443.61	7440-70-2	Calcium	100000	mg/kg	50	25		03-06-06	03-06-06
M06261	MT.2006.443.52	7440-23-5	Sodium	4040	mg/kg	1	25		03-06-06	03-06-06
0602396-0002A			SW846 5035B/8015B GRO by GC/FID					By: EJB		
V06097	XG.2006.255.4		Gasoline Range Organics	ND	mg / Kg	1	0.55		03-01-06	03-01-06

Assagai 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: **SARAH UM FED. COM. #1**Order: **0602396 YAT01** Receipt: **02-21-06**Sample: **2. EXCAVATED TRENCH**

Collected: 02-17-06 13:40:00 By: MS

Matrix: **COMP**

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
0602396-0002A			SW846 5035B/8260B Purgeable VOCs by GC/MS					By: MDE		
V06087	XG.2006.231.19	71-43-2	Benzene	ND	mg / Kg	1	0.005		02-23-06	02-23-06
V06087	XG.2006.231.19	100-41-4	Ethylbenzene	ND	mg / Kg	1	0.005		02-23-06	02-23-06
V06087	XG.2006.231.19	95-47-6	o-Xylene	ND	mg / Kg	1	0.005		02-23-06	02-23-06
V06087	XG.2006.231.19	108-38-3/106-42	p/m-Xylenes	ND	mg / Kg	1	0.01		02-23-06	02-23-06
V06087	XG.2006.231.19	108-88-3	Toluene	ND	mg / Kg	1	0.005		02-23-06	02-23-06
0602396-0002A			SW846 8015B Diesel Range Organics by GC/FID					By: RLG		
S06097	XG.2006.230.17		Diesel Range Organics	ND	mg / Kg	1	25		02-24-06	02-24-06
0602396-0002A			SW846 9056 Anions by Ion Chromatography					By: JTK		
W06139	WC.2006.479.24	16887-00-6	Chloride	8030	mg / Kg	100	0.5		02-23-06	02-24-06

Sample: **3. NW LOC. OFF PAD**

Collected: 02-17-06 13:50:00 By: MS

Matrix: **WTR**

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
0602396-0003A			EPA 4.1.3/200.7 ICP					By: TGA		
M06256	MT.2006.445.34	7440-70-2	Calcium	1080	mg/L	50	0.5		03-03-06	03-06-06
M06256	MT.2006.445.35	7440-23-5	Sodium	5620	mg/L	100	0.5		03-03-06	03-06-06
0602396-0003A			SW846 5030B/8260B Purgeable VOCs by GC/MS					By: MDE		
V06092	XG.2006.234.15	71-43-2	Benzene	ND	ug/L	1	1		02-27-06	02-27-06
V06092	XG.2006.234.15	100-41-4	Ethylbenzene	ND	ug/L	1	1		02-27-06	02-27-06
V06092	XG.2006.234.15	95-47-6	o-Xylene	ND	ug/L	1	1		02-27-06	02-27-06
V06092	XG.2006.234.15	108-38-3/106-42	p/m-Xylenes	ND	ug/L	1	2		02-27-06	02-27-06
V06092	XG.2006.234.15	108-88-3	Toluene	ND	ug/L	1	1		02-27-06	02-27-06
0602396-0003A			EPA 300.0 Anions by IC					By: JTK		
W06131	WC.2006.455.13	16887-00-6	Chloride	8500	mg/L	2500	0.05		02-21-06	02-22-06

Sample: **4. WEST LOC 50' OFF PAD**

Collected: 02-17-06 14:00:00 By: MS

Matrix: **GRAB**

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
0602396-0004A			SW846 3050B/6010B ICP					By: TGA		
M06252	MT.2006.446.21	7440-70-2	Calcium	155000	mg/kg	50	25		03-02-06	03-07-06
M06252	MT.2006.443.42	7440-23-5	Sodium	33200	mg/kg	10	25		03-02-06	03-06-06
0602396-0004A			SW846 9056 Anions by Ion Chromatography					By: JTK		
W06139	WC.2006.479.25	16887-00-6	Chloride	46300	mg / Kg	500	0.5		02-23-06	02-24-06

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: **SARAH UM FED. COM. #1**Order: **0602396 YAT01** Receipt: **02-21-06**

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 The sample pH was greater than 2.0 at the time of analysis.

Chain of Custody Record

ANALYTICAL
LABORATORIES, INC.

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

Lab Job No.: 0002314 Date: 2/20/2006

Page 1 of 1

Client: Yates Petroleum Corporation

Address: 165 South 4th Street

City/State/Zip: Albuquerque, N.M. 88210

Project Name/Number: Sarah UM Fed. Con. #1

Project Manager / Contact: Mike Stubblefield

Telephone No.: 505-748-4500

Fax No.: 505-748-4635

Samplers: (signature) Mike Stubblefield

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

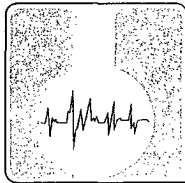
127 EASTGATE DRIVE, 212-C
LOS ALAMOS, NEW MEXICO 87544
(505) 662-2558

Analysis Required		Remarks
No. of Containers	Analysis Required	
✓	Chlorides	TPH B-Tex Fingerprint
✓	TPH	
✓	B-Tex	
✓	Fingerprint	

AALI Fraction Number	Field Sample Number / Location	Date	Time	Sample Type	Type / Size of Container	Preservation	
						Temp.	Chemical
2001A	1. Excavated trench	2/17/06	1:30P	WT			
2002A	2. Excavated trench	2/17/06	1:40P	WT	Geoplastic		
2003A	3 NW Loc. OFF Road 0.1 mi N	2/17/06	1:50P	WT			
2004A	4. West Loc. 50' OFF Road	2/17/06	2:00P	Gras	Back ground		

Relinquished by:	Received by:	Relinquished by:	Received by:
Signature: <u>Mike Stubblefield</u>	Signature: <u>Mike Stubblefield</u>	Signature: <u>Mike Stubblefield</u>	Signature: <u>Mike Stubblefield</u>
Printed: <u>Mike Stubblefield</u>	Printed: <u>Mike Stubblefield</u>	Printed: <u>Mike Stubblefield</u>	Printed: <u>Mike Stubblefield</u>
Company: <u>Yates Petroleum Corp.</u>	Company: <u>Yates Petroleum Corp.</u>	Company: <u>Yates Petroleum Corp.</u>	Company: <u>Yates Petroleum Corp.</u>
Reason: <u>Testing</u>	Reason: <u>Testing</u>	Reason: <u>Testing</u>	Reason: <u>Testing</u>
Date: <u>2/20/2006</u>	Date: <u>2-21-06</u>	Date: <u>2-21-06</u>	Date: <u>2-21-06</u>
Time: <u>9:45 AM</u>	Time: <u>0917</u>	Time: <u>0917</u>	Time: <u>0917</u>
Method of Shipment: <u>Bus</u>	After analysis, samples are to be:		
Shipment No.:	☐ Disposed of (additional fee)		
Special Instructions:	☐ Stored (30 days max)		
	☐ Stored over 30 days (additional fee)		
	☐ Returned to customer		

LABORATORY



ASSAIGAI ANALYTICAL LABORATORIES, INC.

4301 Masthead NE, Ste. A • 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: 1. SARAH ON FEDERAL COM. #1

Order: 0602213 YAT01 Receipt: 02-10-06

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

Sample: 1. SARAH ON FEDERAL COM. #1

Collected: 02-08-06 11:00:00 By: MS

Matrix: WATER

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
0602213-0001A		SW846 5030A/8015B	GRO by GC/FID					By: EJB		
V06077	XG.2006.211.4		Gasoline Range Organics	ND	mg/L	1	0.25		02-21-06	02-21-06
0602213-0001A		SW846 5030B/8260B	Purgeable VOCs by GC/MS					By: MDE		
V06076	XG.2006.204.8	71-43-2	Benzene	ND	ug/L	1	1		02-21-06	02-21-06
V06076	XG.2006.204.8	100-41-4	Ethylbenzene	ND	ug/L	1	1		02-21-06	02-21-06
V06076	XG.2006.204.8	95-47-6	o-Xylene	ND	ug/L	1	1		02-21-06	02-21-06
V06076	XG.2006.204.8	108-38-3/106-42	p/m-Xylenes	ND	ug/L	1	2		02-21-06	02-21-06
V06076	XG.2006.204.8	108-88-3	Toluene	ND	ug/L	1	1		02-21-06	02-21-06
0602213-0001A		EPA 300.0	Anions by IC					By: JTK		
W06108	WC.2006.376.20	16887-00-6	Chloride	10700	mg/L	5000	0.05		02-11-06	02-14-06
0602213-0001A		SW846 8015B	Diesel Range Organics by GC/FID					By: RLG		
S06093	XG.2006.219.6		Diesel Range Organics	ND	mg/L	1	25	H	02-23-06	02-23-06

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

**ASSAIGAI
ANALYTICAL
LABORATORIES, INC.**

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

Page _____ of _____

Contract / Purchase Order / Quote

	Method of Shipment <u>Rail</u>	Comments: No Remarks
	Shipment No.	
	Special Instructions:	

Comments: _____

After analysis, samples are to be:

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

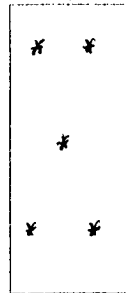
SECRET

3. Sampled 2/17/06
5 1/2' Perched G.W.



- N -

1. Sampled 2/17/06
Excavated trench
5 1/2' Perched Water
2* 5 spot composite soil sample.
Sampled 2/17/06

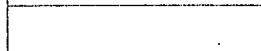


- W -

4. Sampled 2/17/06
Grab soil sample Surface
* - 50' -

- E -

1. Sampled 2/8/06
5 1/2' Perched Water.



- 239' -

4. Sampled 2/28/06
239' East P&A marker
5 1/2' Perched Water

39'



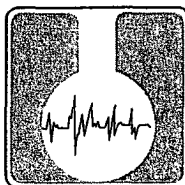
1. Sampled 2/28/06
5 1/2' Perched Water.

- S -

239'



2. Sampled 2/28/06
239' SE P&A marker
5 1/2' perched G.W.



ASSAIGAI ANALYTICAL LABORATORIES, INC.

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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
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S	Subcontracted
1-9	See Footnote

STANDARD

Assaigai Analytical Laboratories, Inc.

Certificate of Analysis

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Client: **YATES PETROLEUM CORP.**

Project: **SARAH UM FED. #1**

Order: **0603086 YAT01**

Receipt: **03-03-06**

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

Sample: **1 39' SOUTH P & A MARKER**

Collected: **02-28-06 13:40:00** By: **MS**

Matrix: **WTR**

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
0603086-0001A		SW846 5030A/8015B	GRO by GC/FID					By: EJB		
V06102	XG.2006.281.4		Gasoline Range Organics	ND	mg/L	1	0.25		03-06-06	03-06-06
0603086-0001A		SW846 5030B/8260B	Purgeable VOCs by GC/MS					By: TRS		
V06101	XG.2006.263.14	71-43-2	Benzene	ND	ug/L	1	1		03-03-06	03-03-06
V06101	XG.2006.263.14	100-41-4	Ethylbenzene	ND	ug/L	1	1		03-03-06	03-03-06
V06101	XG.2006.263.14	95-47-6	o-Xylene	ND	ug/L	1	1		03-03-06	03-03-06
V06101	XG.2006.263.14	108-38-3/106-42	p/m-Xylenes	ND	ug/L	1	2		03-03-06	03-03-06
V06101	XG.2006.263.14	108-88-3	Toluene	ND	ug/L	1	1		03-03-06	03-03-06
0603086-0001A		EPA 300.0 Anions by IC						By: JTK		
W06169	WC.2006.570.25	16887-00-6	Chloride	17200	mg/L	1000	0.05		03-03-06	03-06-06
0603086-0001A		SW846 8015B	Diesel Range Organics by GC/FID					By: SDW		
S06115	XG.2006.308.5		Diesel Range Organics	ND	mg/L	1	25		03-07-06	03-16-06

Sample: **2. 239' SE P & A MARKER**

Collected: **02-28-06 14:00:00** By: **MS**

Matrix: **WTR**

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
0603086-0002A		SW846 5030A/8015B	GRO by GC/FID					By: EJB		
V06102	XG.2006.281.7		Gasoline Range Organics	ND	mg/L	1	0.25		03-06-06	03-06-06
0603086-0002A		SW846 5030B/8260B	Purgeable VOCs by GC/MS					By: MDE		
V06108	XG.2006.272.7	71-43-2	Benzene	ND	ug/L	5	1		03-08-06	03-08-06

Assagai 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: **SARAH UM FED. #1**Order: **0603086 YAT01** Receipt: **03-03-06**Sample: **2. 239' SE P & A MARKER**Collected: **02-28-06 14:00:00** By: **MS**Matrix: **WTR**

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
0603086-0002A			SW846 5030B/8260B Purgeable VOCs by GC/MS					By: MDE		
V06108	XG.2006.272.7	100-41-4	Ethylbenzene	ND	ug/L	5	1		03-08-06	03-08-06
V06108	XG.2006.272.7	95-47-6	o-Xylene	ND	ug/L	5	1		03-08-06	03-08-06
V06108	XG.2006.272.7	108-38-3/106-42	p/m-Xylenes	ND	ug/L	5	2		03-08-06	03-08-06
V06108	XG.2006.272.7	108-88-3	Toluene	ND	ug/L	5	1		03-08-06	03-08-06
0603086-0002A			EPA 300.0 Anions by IC					By: JTK		
W06169	WC.2006.570.26	16887-00-6	Chloride	32600	mg/L	2000	0.05		03-03-06	03-06-06
0603086-0002A			SW846 8015B Diesel Range Organics by GC/FID					By: SDW		
S06115	XG.2006.308.8		Diesel Range Organics	ND	mg/L	1	25		03-07-06	03-16-06

Sample: **3. 239' EAST P & A MARKER**Collected: **02-28-06 14:30:00** By: **MS**Matrix: **WTR**

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
0603086-0003A			SW846 5030A/8015B GRO by GC/FID					By: EJB		
V06102	XG.2006.281.8		Gasoline Range Organics	ND	mg/L	1	0.25		03-06-06	03-06-06
0603086-0003A			SW846 5030B/8260B Purgeable VOCs by GC/MS					By: MDE		
V06104	XG.2006.268.10	71-43-2	Benzene	ND	ug/L	1	1		03-06-06	03-06-06
V06104	XG.2006.268.10	100-41-4	Ethylbenzene	ND	ug/L	1	1		03-06-06	03-06-06
V06104	XG.2006.268.10	95-47-6	o-Xylene	ND	ug/L	1	1		03-06-06	03-06-06
V06104	XG.2006.268.10	108-38-3/106-42	p/m-Xylenes	ND	ug/L	1	2		03-06-06	03-06-06
V06104	XG.2006.268.10	108-88-3	Toluene	ND	ug/L	1	1		03-06-06	03-06-06
0603086-0003A			EPA 300.0 Anions by IC					By: JTK		
W06169	WC.2006.570.27	16887-00-6	Chloride	14800	mg/L	1000	0.05		03-03-06	03-06-06
0603086-0003A			SW846 8015B Diesel Range Organics by GC/FID					By: SDW		
S06115	XG.2006.308.9		Diesel Range Organics	ND	mg/L	1	25		03-07-06	03-16-06

Sample: **4. 239' EAST P & A MARKER**Collected: **02-28-06 15:00:00** By: **MS**Matrix: **GRAB SOIL**

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
0603086-0004A			SW846 9056 Anions by Ion Chromatography					By: JTK		
W06178	WC.2006.614.46	16887-00-6	Chloride	48100	mg / Kg	2500	0.5		03-08-06	03-09-06

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: **SARAH UM FED. #1**Order: **0603086 YAT01** Receipt: **03-03-06**

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 9.7 degrees Celsius.

Chain of Custody Record

**ASSAIGAL
ANALYTICAL
LABORATORIES, INC.**

4301 Mashhead N.E.
ALBUQUERQUE, NEW MEXICO 87106
(505) 345-8964

332 WEDGEWOOD
EL PASO, TEXAS 79925
(915) 583-4000

Page 1 of 1

127 EAST GATE DRIVE, 211-D
LOS ALAMOS, NEW MEXICO 87544
(505) 662-2558

Project Manager / Contact Mike S. Whitehall

Telephone No. 505 748-1150

Fax No. 505 748-4163

Samplers (signature) Mike S. Whitehall

Client Albuquerque

Address 1055 S. Alameda

City / State / Zip Albuquerque, NM 87102

Project Name / Number Albuquerque Fed. #1

Contract / Purchase Order / Invoice 103-24172

No. of Containers	Analysis Required	Remarks
✓	✓	
✓	✓	
✓	✓	
✓	✓	

Sample ID	Sample Type	Time	Preservation	Temp.	Chemical
100-1	✓	✓	✓	✓	✓
100-2	✓	✓	✓	✓	✓
100-3	✓	✓	✓	✓	✓
100-4	✓	✓	✓	✓	✓
100-5	✓	✓	✓	✓	✓
100-6	✓	✓	✓	✓	✓
100-7	✓	✓	✓	✓	✓
100-8	✓	✓	✓	✓	✓
100-9	✓	✓	✓	✓	✓
100-10	✓	✓	✓	✓	✓
100-11	✓	✓	✓	✓	✓
100-12	✓	✓	✓	✓	✓
100-13	✓	✓	✓	✓	✓
100-14	✓	✓	✓	✓	✓
100-15	✓	✓	✓	✓	✓
100-16	✓	✓	✓	✓	✓
100-17	✓	✓	✓	✓	✓
100-18	✓	✓	✓	✓	✓
100-19	✓	✓	✓	✓	✓
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100-21	✓	✓	✓	✓	✓
100-22	✓	✓	✓	✓	✓
100-23	✓	✓	✓	✓	✓
100-24	✓	✓	✓	✓	✓
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100-98	✓	✓	✓	✓	✓
100-99	✓	✓	✓	✓	✓
100-100	✓	✓	✓	✓	✓

Relinquished by: Signature <u>Mike S. Whitehall</u> Printed <u>Mike S. Whitehall</u> Company <u>Albuquerque</u> Reason <u>Relinquished</u>	Received by: Signature <u>Mike S. Whitehall</u> Printed <u>Mike S. Whitehall</u> Company <u>Albuquerque</u> Reason <u>Relinquished</u>	Date 3/13/00 Time 10:23
Method of Shipment Shipment No. Special Instructions	Comments Cooler per p 47	After analysis, samples are to be: ☐ Disposed of (additional fee) ☐ Stored (30 days max) ☐ Stored over 30 days (additional fee) ☐ Returned to customer

CARRIER

T N T BACKHOE SERVICE

P.O. BOX 133

1703 N. ROSELAWN AVE.

ARTESIA, NM 88211-0133

SUPERVISOR: IRVIN (RAY) MARTIN

Yates Petroleum

105 S. 4th Street

ARTESIA, NM 88210

RECLAMATION AGENT: Mike Stubblefield

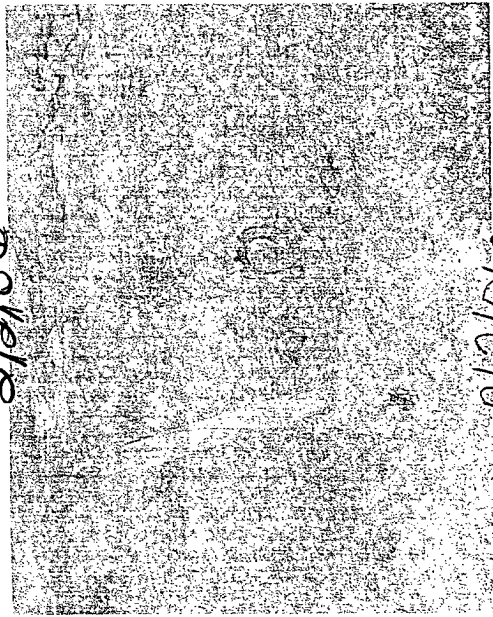
LOCATION: SARAH UM FEDERAL No 1
SEC. 15 T 9 S R 25 E

REFERENCE: PLEASE SEE ATTACHMENT PHOTO'S OF LOCATION
CLOSURE FROM START TO FINISH.

DATE STARTED: 02/07/2006

DATE COMPLETED: 03/02/2006

2/2/06



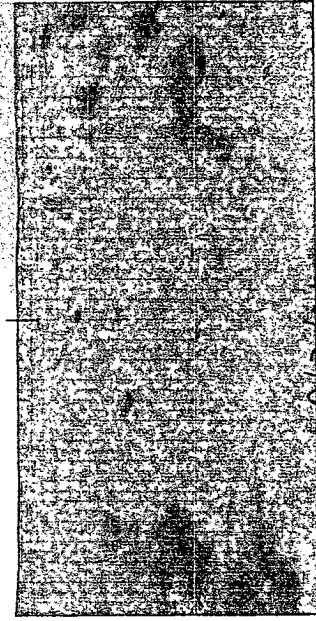
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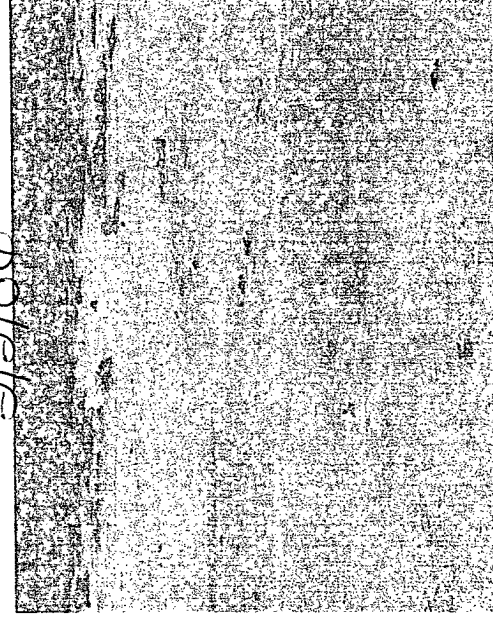
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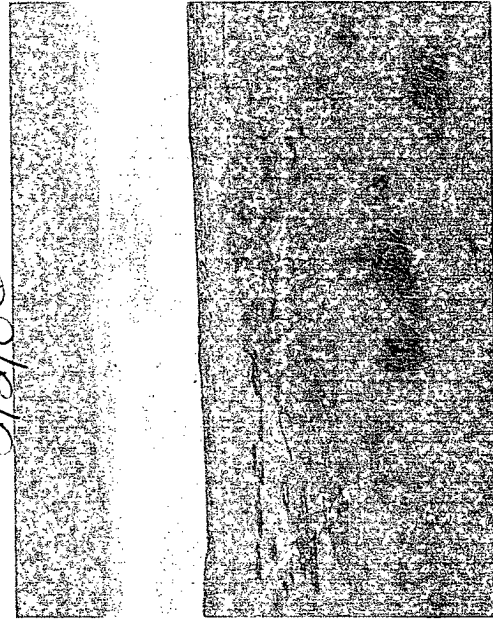
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2/2/06



2/2/06



YATES PETROLEUM CORP.

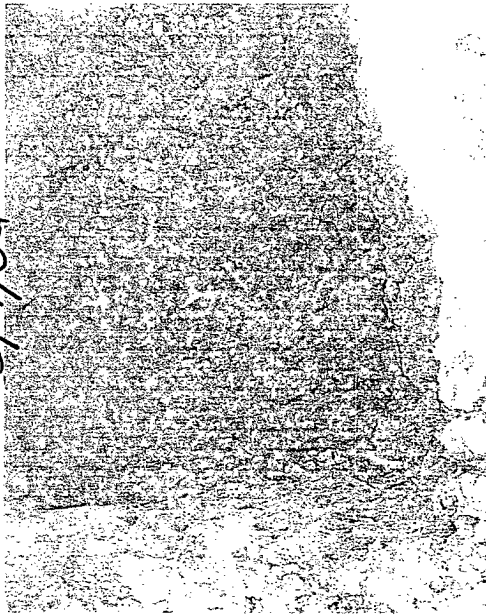
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1680' FSL & 1980' FWL

SEC.15-T9S-R6SE

CHAVES CO. NH-16073

2/7/60



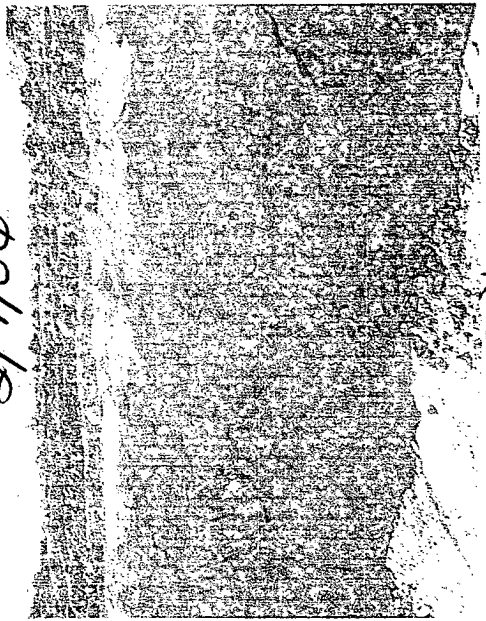
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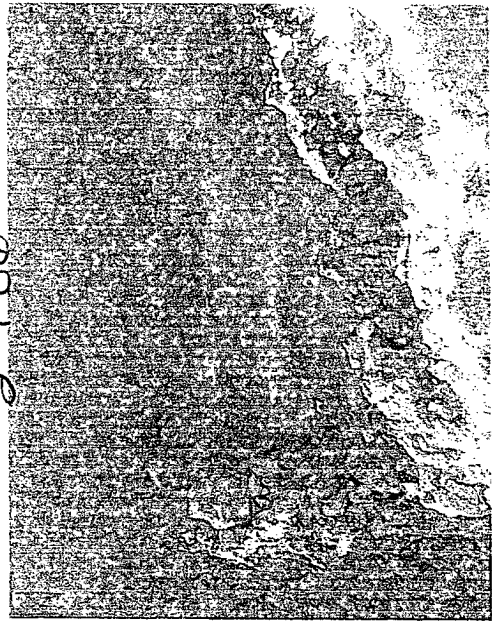
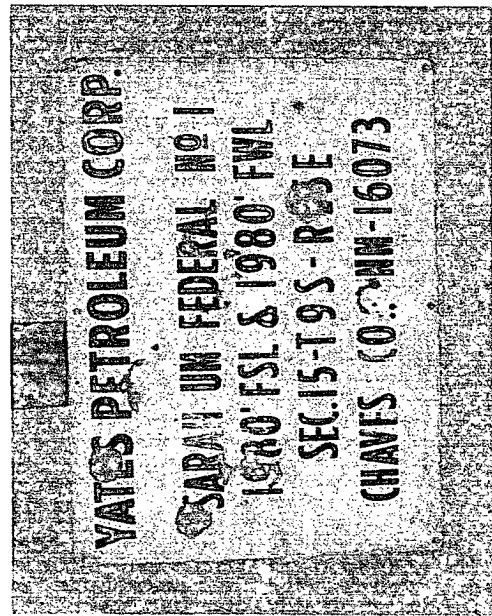
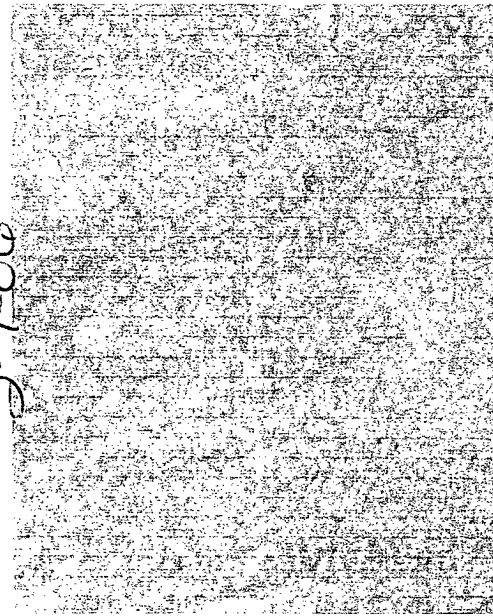


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2-7-06



YATES PETROLEUM CORP.

SARAT UN FEDERAL NO 1

1980 FSL & 1980 FWL

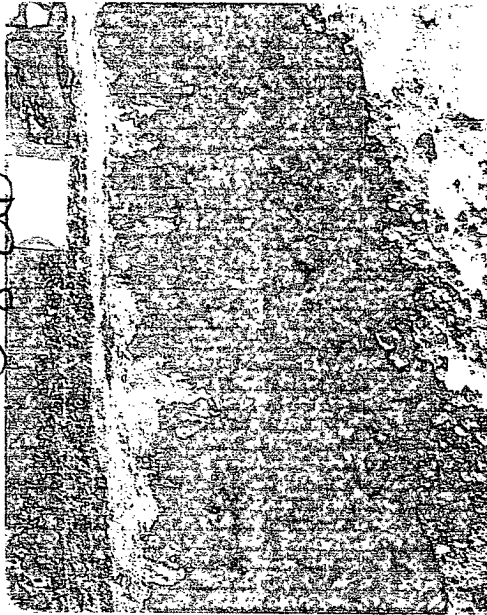
SEC.15-T9S-R3E

CHAVES CO. MN-16073

2/8/06



2-8-06



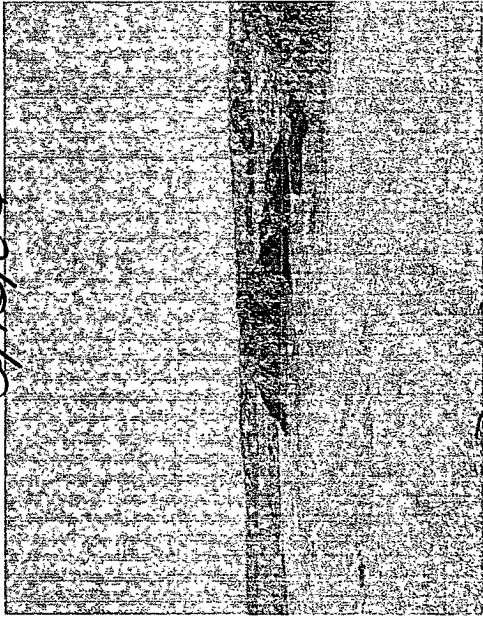
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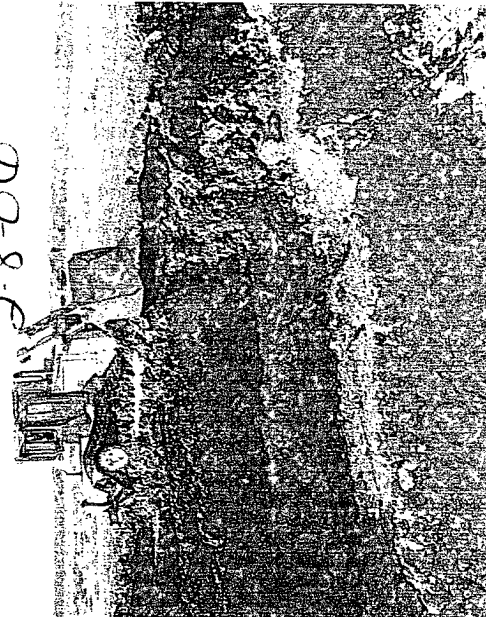
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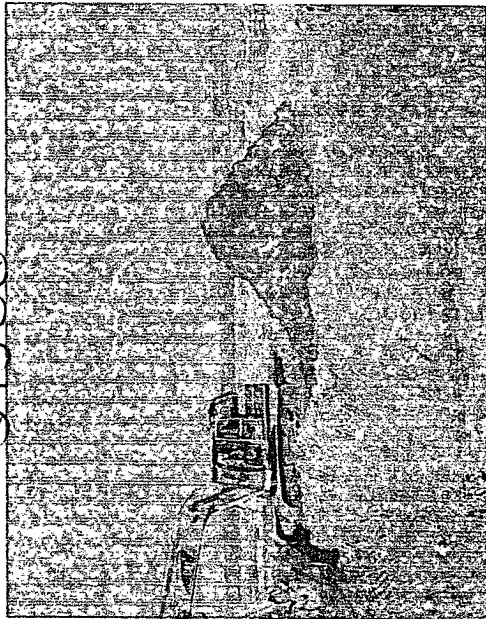
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2-8-06



2-13-06



VATES PETROLEUM CORP.

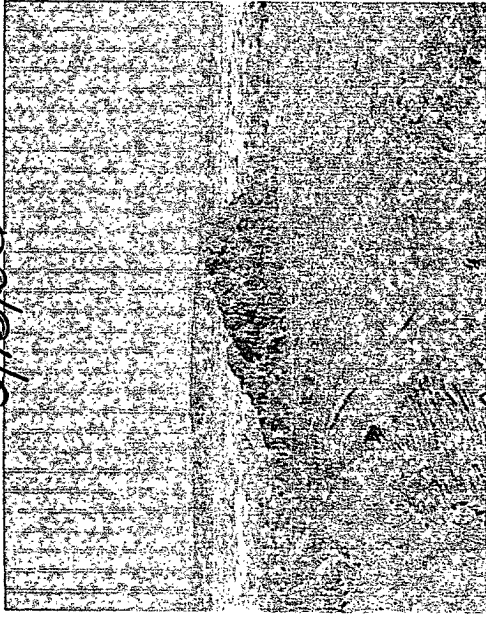
SARAH UN FEDERAL NO 1

1980' FSL & 1980' FWL

SEC. 15-T9S-R23E

CHAVES CO. NW-16073

2/13/00



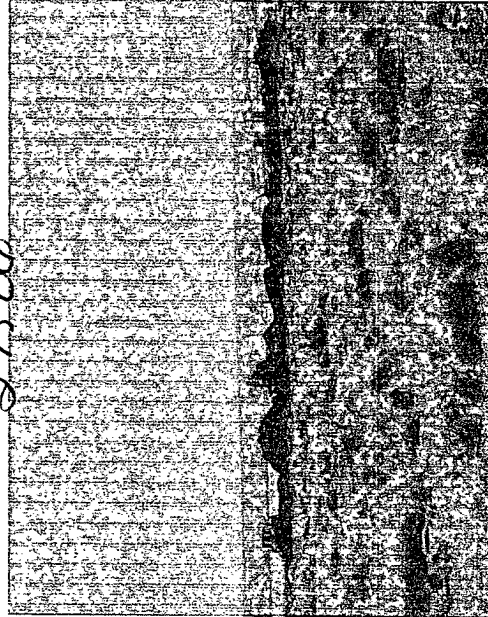
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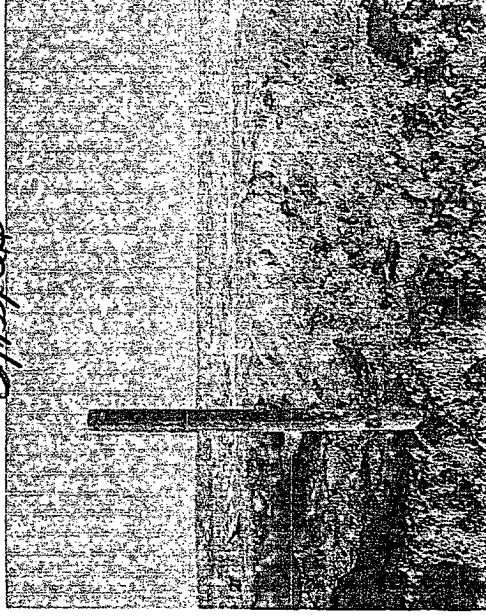
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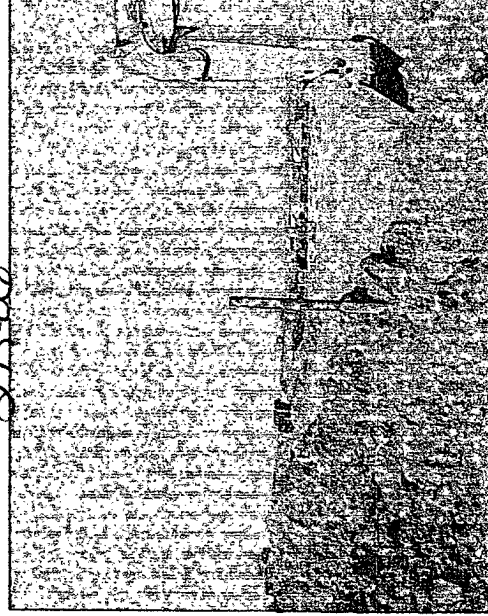
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2/15/00



2-15-00



2-13-00



2-15-00



YATES PETROLEUM CORP.

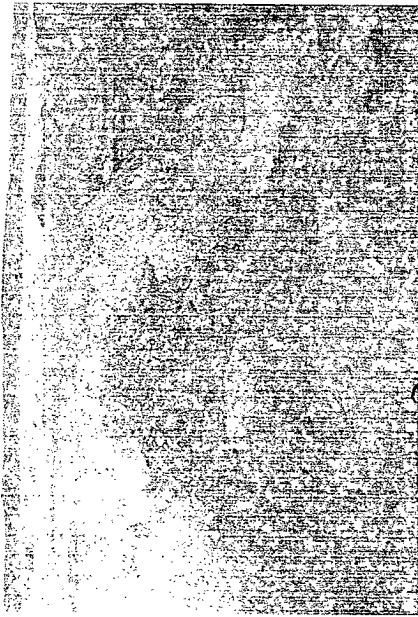
SARAPI UN FEDERAL NO 1

1980' FSL & 1980' FWL

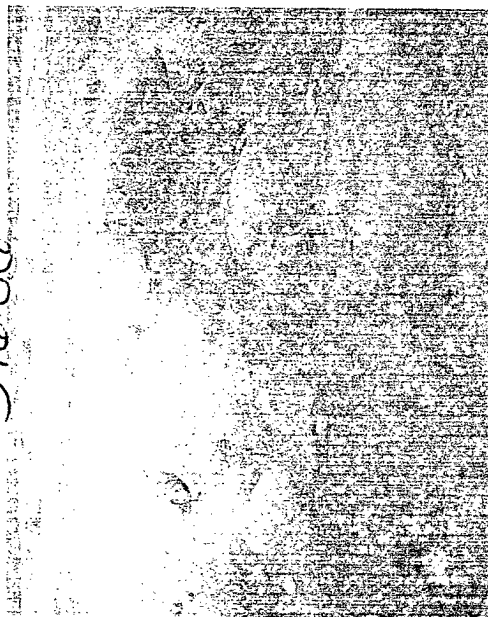
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CHAVES CO. NN-16073

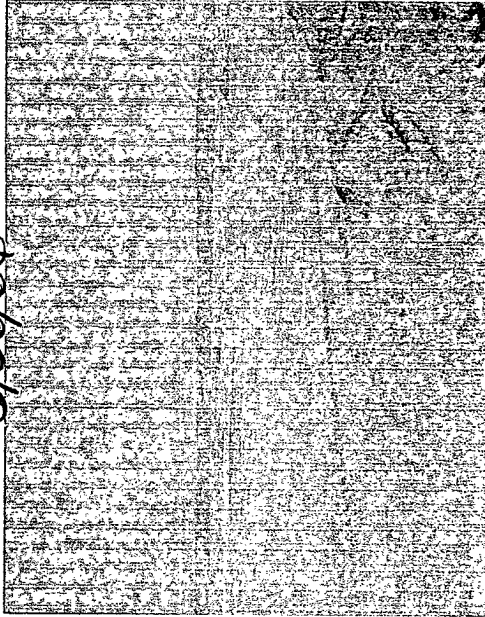
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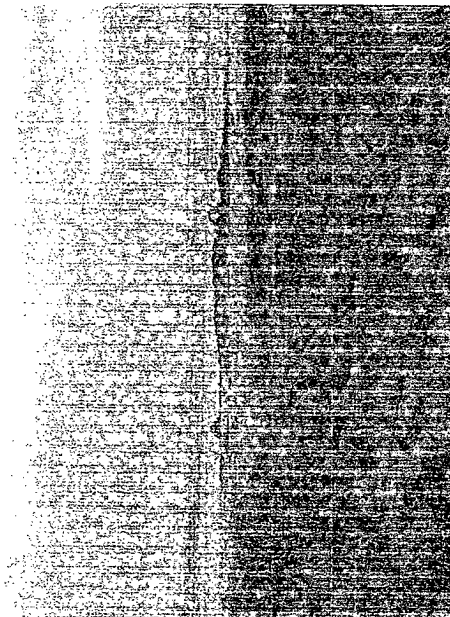
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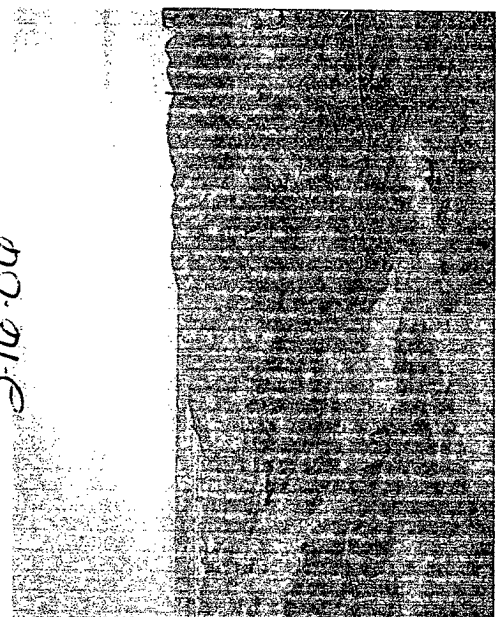
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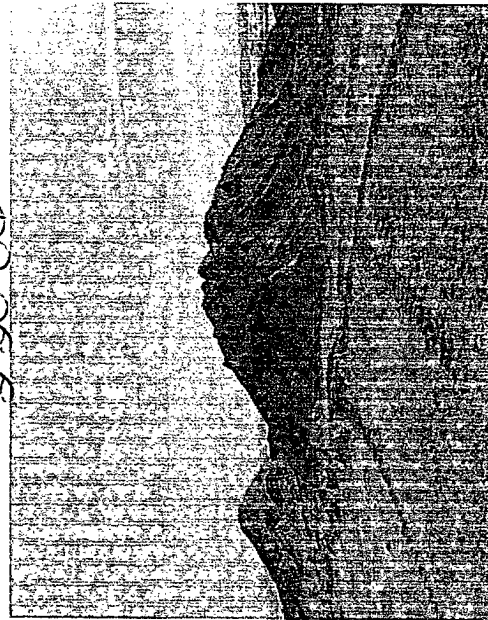
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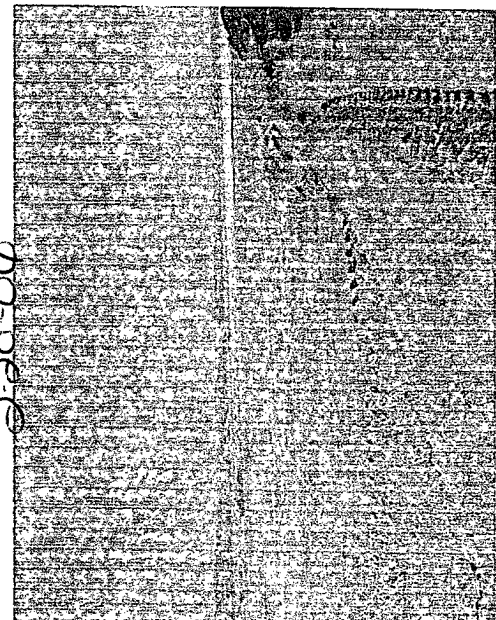
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2-20-06



YATES PETROLEUM CORP.

SARAH UN FEDERAL NO 1

1980' FSL & 1980' FWL

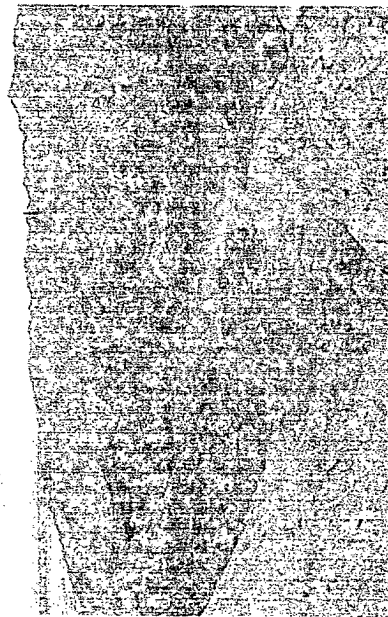
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CHAVES CO. NM-16073

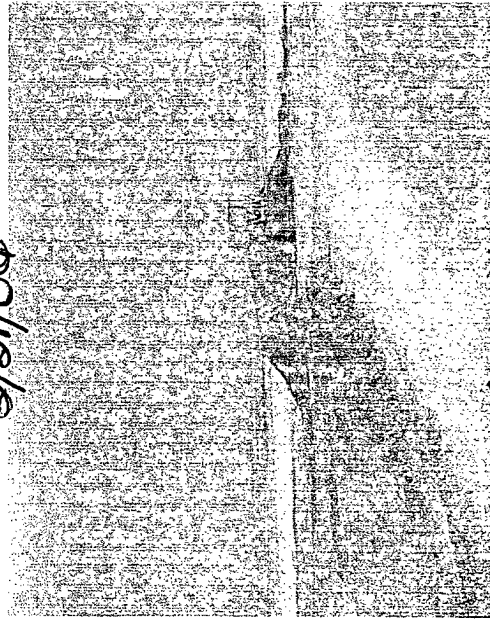
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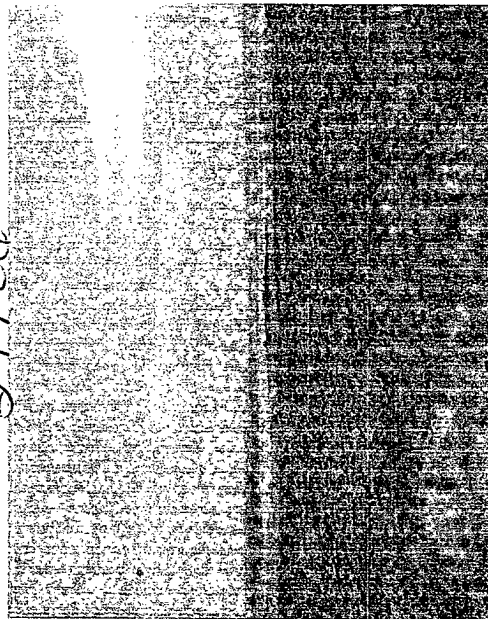
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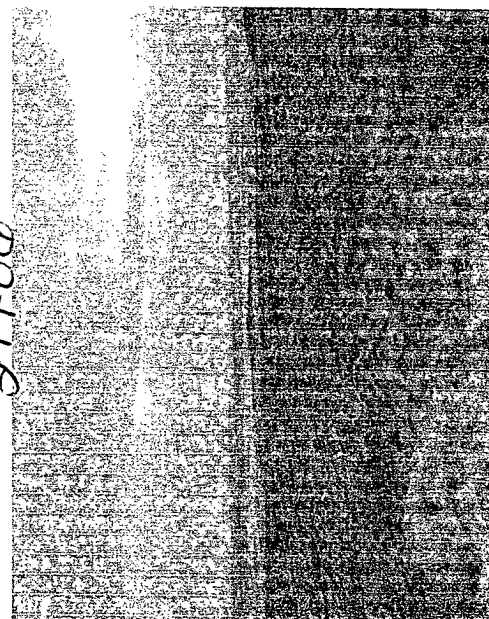
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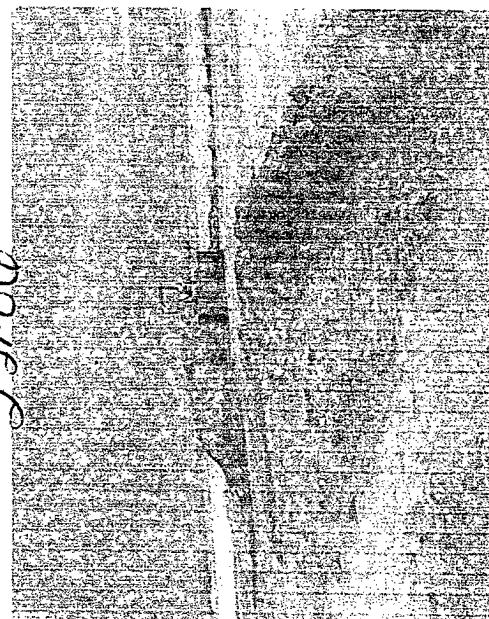
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2-16-00



YATES PETROLEUM CORP.

SARAH UN FEDERAL No 1

1980' FSL & 1980' FWL

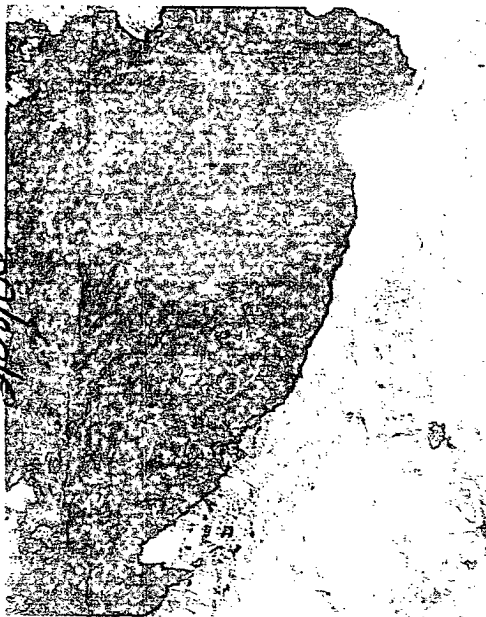
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CHAVES CO. NM-16073

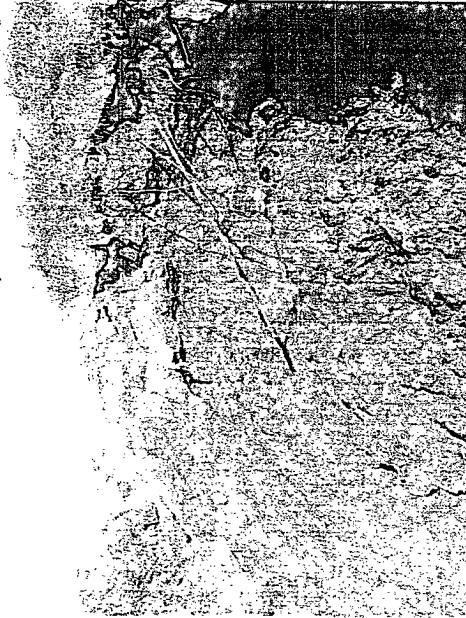
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2/28/60



2/28/60



2/28/60



YATES PETROLEUM CORP.

SARAH UN FEDERAL NO 1

1980' FSL & 1980' FWL

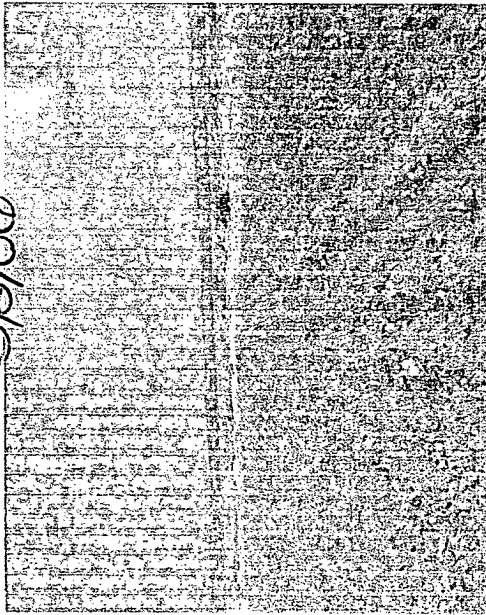
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CHAVES CO. NM-16073

3/2/00



3/2/00



3/2/00



3/2/00



3/2/00



YATES PETROLEUM CORP.

SARAT UN FEDERAL NO 1

1980' FSL & 1980' FWL

SEC. 15-T9S-R30E

CHAVES CO. NN-16073