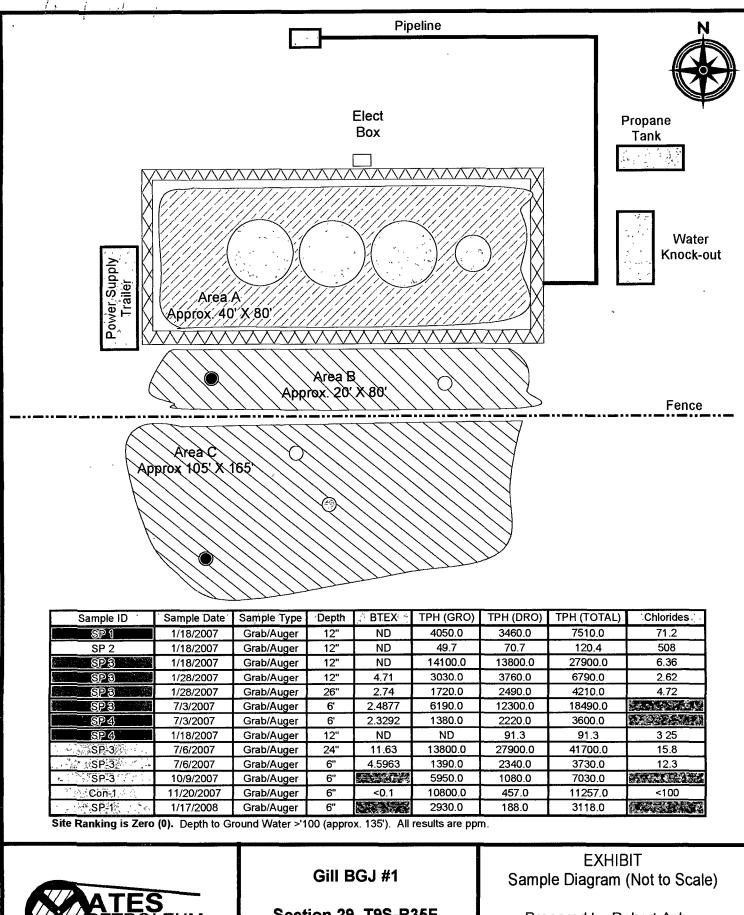
Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back side of form

			Rele	ease Notific	catio	n and Co	orrective A	ction				
				0	PERA	TOR		[	Initia	l Report	$\boxtimes$	Final Report
Name of Co Yates Petro		oration		OGRID Nur 25575	nber	Contact Robert Asher						
Address	ieum Corp	oration		23373		Telephone No.						
104 S. 4 <sup>TH</sup> S	Street	x				505-748-14						
Facility Na				API Number		Facility Typ	e		Order 1			
Gill BGJ #1				30-025-3710	3	Well			1RP-11	47		
Surface Ow	ner			Mineral C	Owner				Lease N	No.		
Fee Fee												
				LOCA	ATIO	N OF RE	LEASE					
Unit Letter	Section	Township	Range	Feet from the	North	/South Line	Feet from the		Vest Line	County		
L	29	98	35E	1650		South	660	\	West	Lea		
			1			• • •	102 20000	1				
				Latitude 33.	50238	_ Longitud	e <u>103.38888</u>					
				NAT	URE	OF REL						
Type of Rele Crude Oil an		Water				Volume of 380 B/O &				Recovered & 40 B/PW	,	
Source of Re		water					lour of Occurrenc	e		$\frac{\alpha}{100} \frac{40}{100} \frac{B}{P} \frac{W}{W}$		v
Tanks						11/30/2006 7:00 AM 11/30/2006 7:00 AM						
Was Immedi	ate Notice (		Yes [	] No 🗌 Not R	equired	If YES, To Whom?     ed   Pat Caperton via phone notification and follow up e-mail.						
By Whom?						Date and H		incation		up e-man.		
N/A										es et i i		
Was a Water	course Read	ched?		1.57		If YES, Volume Impacting the Watergour E						
If a Waterco	urse was Im	pacted, Descr	Yes 🔯 1be Fully.3			N/A						
N/A			-						FF	B 1 ? 2	008	
Describe Cau Water dump		em and Reme	dial Actio	n Taken.*						and the sales.		- 60× 1954>
		and Cleanup /	Action Tal	(en.*					HOF	385	$\bigcirc$	CD
An approxim	ate area of	105' X 165 <sup>°</sup> .	Approxim	ate chloride cont	ent of w	ater is 28,993	ppm. Pasture are	ea miste	d with oil,	Microblaze	applie	d to affected
area An app and taken to	proximate ar	rea of 40° X 8 proved facility	0', inside   / An appi	bermed area. Vac roximate area of 2	2013 x 80	ick recovered	remaining oil/pro	oduced w	vater. Coni	taminated s	oils we emami	ere excavated
oil/produced	water. Con	taminated soi	ls were ex	cavated and taker	n to an C	OCD approved	I facility. Remed	iation pe	er work pla	n conducte	d/com	olete. Vertical
and horizont	al delineatio	n conducted.	Depth to	Ground Water: on oil/produced v	>100"	(approx. 135	'), Wellhead Pro	tection .	Area: No,	Distance to	o Surf:	ace Water
Corporation			). Daseu (	n on produced v	vater re	covereu, son	s excavated, ana	iyucai r	esuns and	site ranki	ng, ra	tes Petroleum
I hereby certi	ify that the i	nformation g	ven above	is true and comp	lete to t	he best of my	knowledge and u	nderstar	nd that purs	suant to NN	10CD	rules and
regulations a	Il operators or the envir	are required t	o report ar	nd/or file certain r e of a C-141 repo	elease n	otifications a	nd perform corrected as "Final R	tive acti	ons for rel	eases which	n may o	endanger
should their a	operations h	ave failed to a	adequately	investigate and r	emediat	e contaminati	on that pose a three	eat to gr	ound water	r, surface w	ater, h	uman health
or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other						iy other						
federal, state, or local laws and/or regulations.				OIL CONSERVATION DIVISION								
$(), \Lambda(),$						<u>OIL CON</u>	<u>SLIC V</u>	AHON	<u>DIVISIO</u>	JIN		
Signature:	Jee		<u> </u>						11.	6 0		<i>د</i>
Printed Name	- e: Robert As	sher				Approved by	District Supervise	or:	his	11 M	1an	~
		gulatory Agen	t			Approval Dat	e: 2/15/0		Expiration	Date: 2	-/15	108
E-mail Addre	E-mail Address: boba@ypcnm com					Conditions of	Approval:			Attachec	1 []	

Date: Tuesday, February 12, 2008Phone. 505-748-4217\* Attach Additional Sheets If Necessary



Section 29, T9S-R35E

TION

Lea County, NM

Prepared by Robert Asher Environmental Regulatory Agent February 11, 2008

# Summary Report

Eb Taylor Talon LPE-Hobbs 318 E Taylor Hobbs, NM, 88240

Project Name:

Project Location: Lea County, NM

Project Number: YATESP026SPL

Gill BGJ #1

Report Date: January 23, 2008

# Work Order: 8012112

Sample	Description	Matrix	${f Date } {f Taken }$	${f Time}\ {f Taken}$	Date Received
148542	SP-1	soil	2008-01-17	09:00	2008-01-21
[		¢.	TPH DRO		TPH GRO
			DRO		GRO
Sample - Field C			(mg/Kg)		(mg/Kg)
148542 - SP-1			2930		188

TraceAnalysis, Inc. • 6701 Aberdeen Ave., Suite 9 • Lubbock, TX 79424-1515 • (806) 794-1296 This is only a summary. Please, refer to the complete report package for quality control data. Report Date December 3, 2007 YATESP026SPL

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> Work Order 7112610 Gill BGJ #1

Page Number, 1 of 1 Lea County, NM

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# Summary Report

Eb Taylor Talon LPE-Hobbs 318 E Taylor Hobbs, NM, 88240

#### Report Date: December 3, 2007

4

Work Order. 7112610	

....

Project Location:	Lea County, NM
Project Name	Gill BGJ #1
Project Number	YATESP026SPL

			Date	Time	Date
Sample	Description	Matrix	Taken	Taken	Received
143600	Con-1	soil	2007-11-20	16 15	2007-11-26

	BTEX				TPH DRO	TPH GRO
	Benzene	Toluene	Ethylbenzene	Xylene	DRO	GRO
Sample - Field Code	(mg/Kg)	(mg/Kg)	(mg/kg)	(mg/kg)	(m <sub>b</sub> /kg)	(mg/Kg)
143600 - Con-1	<0 100	<0.100	<0 100	<0 100	10800	457

Report Date: December 3, 2007 YATESP02CSPL

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Work Order: 7112612 Gill BGJ  $\neq 1$ 

# Summary Report

Eb Taylor Talon LPE-Hobbs 318 E Taylor Hobbs, NM, 88240

Report Date December 3, 2007 Work Order 7112612

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Project Location.	Lea County, NM
Project Name:	Gill BGJ #1
Project Number.	YATESP026SPL

			Date	Time	Date
Sample	Description	Matrix	Taken	Taken	Received
143605	Con-1	soil	2007-11-20	16:15	2007-11-26

#### Sample: 143605 - Con-1

Param	Flag	Result	Units	RL
Chloride		<100	mg/Kg	2.00

TraceAnalysis Inc • 6701 Aberdeen Ave., Suite 9 • Lubbock, TX 79424-1515 • (806) 794-1296 This is only a summary Please. refer to the complete report package for quality control data Report Date: October 12, 2007 YATESP026SPL

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# Summary Report

Eb Taylor Talon LPE-Hobbs 318 E Taylor Hobbs, NM, 88240 Report Date: October 12, 2007

Work Order 7100922

Project Location:Lea County, NMProject Name:Gill BGJ #1Project Number:YATESP026SPL

			Date	Time	Date
Sample	Description	Matrix	Taken	Taken	Received
138774	SP-3 6 inches	soil	2007-10-09	12:40	2007-10-09

	TPH DRO	TPH GRO
	DRO	GRO
Sample - Field Code	(mg/Kg)	(mg/Kg)
138774 - SP-3 6 inches	5950	1080

# Analytical Report 286688

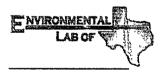
for

**Talon LPE** 

**Project Manager: Eb Taylor** 

Gill BGJ #1/S29 T9S R35E YatesP026SPL2

07-AUG-07



12600 West I-20 East Odessa, Texas 79765

A Xenco Laboratories Company

NELAC certification numbers: Houston, TX E871002 - Miami, FL E86678 - Tampa, FL E86675

Houston - Dallas - San Antonio - Austin - Tampa - Miami - Latin America



07-AUG-07



Project Manager: **Eb Taylor Talon LPE** 318 E. Taylor Hobbs, NM 88240

Reference: XENCO Report No: 286688 Gill BGJ #1/S29 T9S R35E Project Address: Lea County NM

#### Eb Taylor:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number 286688. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative. all data reported in this Analytical Report are in compliance with NELAC standards. Estimation of data uncertainty for this report is found in the quality control section of this report unless otherwise noted. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 286688 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfull

Brent Barron Odessa Laboratory Director

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## Certificate of Analysis Summary 286688

Talon LPE, Hobbs, NM



Project Name: Gill BGJ #1/S29 T9S R35E

Project Id: YatesP026SPL2 Contact: Eb Taylor

Project Location: Lea County NM

Date Received in Lab: Fri Jul-27-07 11:00 am

Report Date: 07-AUG-07

				Project Manager: Brent Barron, II
	Lab Id:	286688-001	286688-002	
Analysis Requested	Field Id:	SP-3	SP-3	
	Depth:	24	36	
	Matrix:	SOIL	SOIL	
	Sampled.	Jul-26-07 10 15	Jul-26-07 10 25	
BTEX by EPA 8021B	Extracted:	ful-27-07 13:35	Jul-27-07 13 35	
DEDA DY DE A OULID	Analyzed.	Jul-28-07 04.24	Jul-28-07 04 45	
	Units/RL:	mg/kg RL	mg/kg RL	
Benzene		0 7870 0 0277	0 2235 0 0266	
Toluene		3 761 0 0277	1 753 0 0266	
Ethylbenzene		1 439 0 0277	0 6447 0 0266	
m.p-Xylene		4 023 0 0554	1 491 0 0533	
o-Xylene		1 663 0 0277	0 4841 0 0266	
Total Xylenes		5 686	1 9751	
Total BTEX		11 673	4 5963	
Percent Moisture	Extracted:			
	Analyzed:	Jul-27-07 17:00	Jul-27-07 17 00	
	Units RL:	% RL	% FL	
Percent Moisture		9 69 1 00	616 100	
TPH by SW 8015B		ful-30-07 14,42	Jul-30-07 14 42	
A K AA KU SUTT OVACAD	Analyzed:	Jul-30-07 21 01	-Jul-30-07 21 26	
	Units/RL:	mg/kg RI.	mg/kg FL	
C6 C10 Gasoline Range Hydrocarbons		13300 111	1,390 10.7	
C10-C28 Diesel Range Hydrocarbons		27900 111	2340 107	

This analytical report, and the entire data package it repr. sents has been made for your exclusive and confidential use. The interpretation's and results expressed throughout this analytical report represent the best judgment of XINCO Laboritories XINCO Laboratories assumes no responsibility and makes no warrasty to the end use of the data hereby presented Our liability is limited to the amount sporced for this system of an use otherwise agent to in writing.

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Brent Barron

Odessa Laboratory Director



- X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to effect the recovery of the spike concentration. This condition could also effect the relative percent difference in the MS/MSD.
- **B** A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
- **D** The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
- E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
- F RPD exceeded lab control limits.
- J The target analyte was positively identified below the MQL and above the SQL.
- U Analyte was not detected.
- L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.
- **H** The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.
- K Sample analyzed outside of recommended hold time.

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11381 Meadowglen Lane Suite L Houston, Tx 77082-2647	(281) 589-0692	(281) 589-0695
9701 Harry Hines Blvd , Dallas, TX 75220	(214) 902 0300	(214) 351-9139
5332 Blackberry Drive. Suite 104, San Antonio, TX 78238	(210) 509-3334	(201) 509-3335
2505 N. Falkenburg Rd., Tampa, FL 33619	(813) 620-2000	(813) 620-2033
5757 NW 158th St. Miami Lakes, FL 33014	(305) 823-8500	(305) 823-8555



# Form 2 - Surrogate Recoveries



Project Name: Gill BGJ #1/S29 T9S R35E

ork Order #: 286688				Project	ID: YatesP026	SPL2	
Lab Batch #: 701344	Sample: 286624-001 S / M	IS	Batch:	1 Mat	rix: Soil		
Units: mg/kg			SURRO	GATE I	RECOVERY	STUDY	
BTEX by E Analy		Amount Found [A]	3	True Amount [B],	Recovery %R [D]	Control Limits %R	Flags
4-Bromofluorobenzene		0,0498		0;0500	100	80-120	
Lab Batch #: 701344 Units: mg/kg	Sample: 286624-001 SD /	MSD			rix: Soil RECOVERY	STUDY	
BTEX by E		Amount Found [A]	A	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
4-Bromofluorobenzene		0,0445		0,0500	89	80-120	
Lab Batch #: 701344	Sample: 286688-001 / SM	P	Batch:	l Mat	rix: Soil	<u></u>	
Units: mg/kg			SURRO	GATE I	RECOVERY	STUDY	
BTEX by E Analy		Amount Found [A]	i	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
4-Bromofluorobenzene		0.1283		0.0500	257	80-120	**
Lab Batch #: 701344 Units: mg/kg	Sample: 286688-002 / SM	P			rix: Soil RECOVERY	STUDY	
BTEX by E Analy		Amount Found [A]	1	True Amount [B]	Recovery %R [D]	Control Dimits %R	Flags
4-Bromotluorobenzene		0 0860	(	0.0500	172	80-120	**
Lab Batch #: 701344	Sample: 497681-1-BKS/H	3KS			rix: Solid		
Units: mg/kg			SURRO	GATE F	RECOVERY	STUDY	
BTEX by E		Amount Found [A]	1	True mount [B]	Recovery %R [D]	Control Limits %R	Flags
4-Bromofluorobenzene		0.0433		0.0500	87	80-120	
					1		

\*\* Surrogates outside limits: data and surrogates confirmed by reanalysis

\*\*\* Poor recoveries due to dilution

Surrogate Recovery [D] - 100 \* A / BAll results are based on MDL and validated for QC purposes

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#### Environmental Lab of Texas Variance/ Corrective Action Report- Sample Log-In

Chert	Talon
Date/ Time	<u> 100 1100</u>
Lab ID #	<u> 786688</u>
nt.315	<u>au</u>

#### Sample Receipt Checklist

	Sample Receipt	Girconist		
				Client inula
#1	Temperature of container/ cooler?	Yes_	No	
72	Snipping centainer in good condition?	(es)	No	
#3	Custorly Seals Intaction shipping container/ cooler?	Ves	No	Nor Present
;4	Custody Scals intect on sample pottles/ container?	Ves	No	Not Present
ŧ5	Chain of Custody present?	(ES)	No	
if.	Sample instructions complete of Chain of Custody?	Yes	No	1
	Chain of Custody signed when relinguished/ received?	(GS	No	
<b>#</b> 8	Chain of Custody agrees with sample label(s)?	(res)	No	D yunten on Cont / La
щÕ	Container (4bei(s) legible and intact?	Yes	No	Not Applicable
#10	Sample matrix properties agree with Chain of Custody?	Kes	No	
¢۱1	Containers supplied by ELOT?	Kes	No	
#12	Samplas in proper container/ bome?	199	No	See Below
<b>#</b> 3	Samples properly preserved?	Yes'	No	See Below
<b>#14</b>	Sample bottles infact?	Yes	No	
#15	Preservations documented on Chain of Custody?	Yes	No	
±1Ş	Containers occumented on Citain of Custody?	1 Yes	No	
#17	Sufficient sample amount for indicated test(s)?	Kes)	No	See Relow
#18	All samples received within sufficient hold lime?	Yes	No	See Below
- สาษ	Subcontract of sample(s)?	Yes	No	Not Applicable
, #20	VOL samples have zero neadspace?	Yes	No	Not Applicable

#### Variance Documentation

Contact

.

Contacted by.

Date/ Time

------

\_\_\_\_\_

Regarding

Corrective Action Taken.

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Check all that Apply

See attached e-mail/ fax

Client understands and would like to proceed with analysis Croking process had begun shortly after sampling event

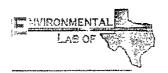
# Analytical Report 286687

for

**Talon LPE** 

Project Manager: Eb Taylor Gill BGJ #1/S29 T9S R35E YatesP026SPL2

01-AUG-07



12600 West I-20 East Odessa, Texas 79765

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NELAC certification numbers: Houston, TX E871002 - Miami, FL E86678 - Tampa, FL E86675

Houston - Dallas - San Antonio - Austin - Tampa - Miami - Latin America



01-AUG-07

Project Manager: Eb Taylor Talon LPE 318 E. Taylor Hobbs, NM 88240

Reference: XENCO Report No: 286687 Gill BGJ #1/S29 T9S R35E Project Address: Lea County New Mexico

#### Eb Taylor:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number 286687. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. Estimation of data uncertainty for this report is found in the quality control section of this report unless otherwise noted. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 286687 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Brent Barron Odessa Laboratory Director

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994. Certified and approved by numerous States and Agencies. A Small Business and Minority Status Company that delivers SERVICE and QUALITY Houston - Dallas - San Antonio - Austin - Tampa - Miami - Latin America



### Certificate of Analysis Summary 286687

Talon LPE, Hobbs, NM

Project Name: Gill BGJ #1/S29 T9S R35E

Project 1d: YatesP026SPL2 Contact: Eb Taylor Project Location: Lea County New Mexico

Date Received in Lab: Fit Jul-27-07 11 00 am

Report Date: 01-AUG-07

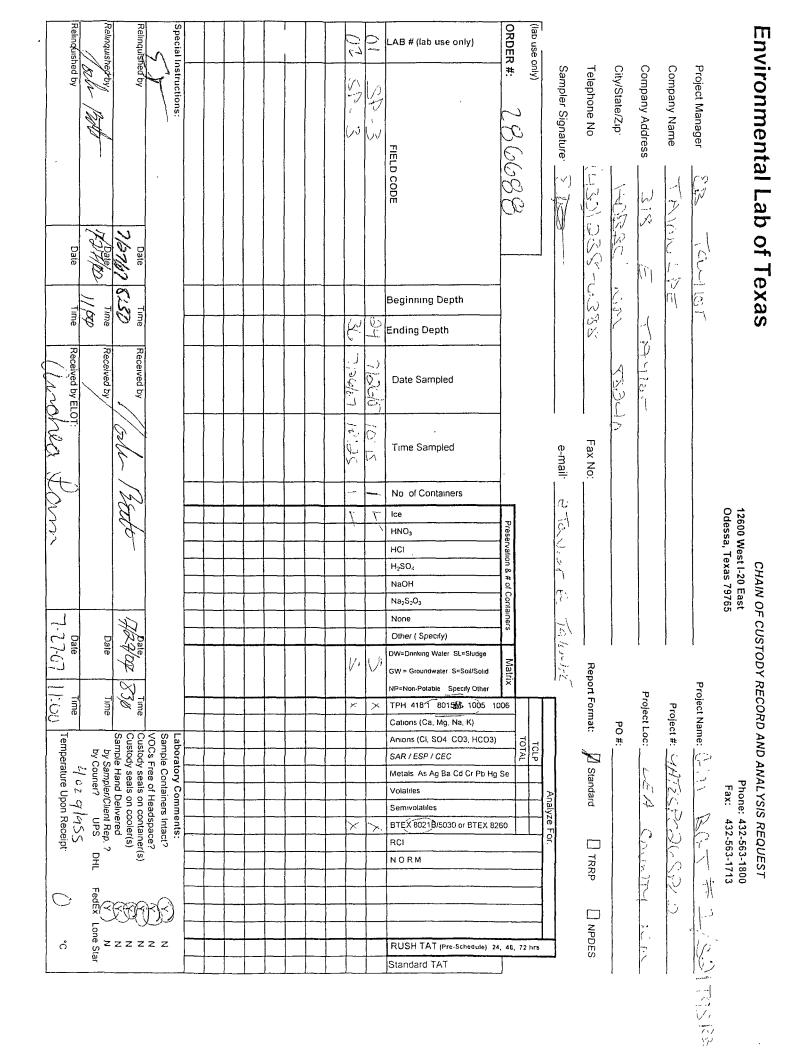
Project Manager: Brent Barron, II

			And the second se		and the second	
	Lah Id:	286687-001	286687-002			
Amelucio Baunastal	Field Id:	SP-3	SP-3			
Analysis Requested	Depth:	24	36			
	Matrix:	SOIL	SOIL			
	Sampled:	Jul-26-07 10 15	Jul-26-07 10.25			
Inorganic Anions by EPA 300	Extracted:					
	Analyzed:	Jul-30-07 16:00	Jul-30-07 16.00	•		
	UnitvRL:	mg/kg RL	mg/kg RL	 		
Chloride		158 500	12.3 5.00			

This analytical report, and the entiry data package is represents has been made for your exclusive and confidential use. The interpretations and results expressed throughout this analytical report retriests the best independent of SENCO Laborationes > DENCO for devicence assumes to responsibility and makes now arranging to the end use of the data hereby include Our finibility is limited to the amount invoked for these to 3 or der unless effectives agreed to in writing.

Since 1990 Houston - Dallas - San Antonio - Austin - Tampa - Miami - Latin America

Odessa Laboratory Director



# Environmental Lab of Texas

Variance/ Corrective Action Report- Sample Log-In

Client	Talon	
)ate/ Time	7.27.07	11:00
.ab ID #	78668	' <u>8</u>
nitials	al	

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# Sample Receipt Checklist

				Client Initials
ŧ1	Temperature of container/ cooler?	(Yes)	No	
t2	Shipping container in good condition?	(Yes)	No	
±3	Custody Seals intact on shipping container/ cooler?	Yes	No	Not Present
‡4	Custody Seals intact on sample bottles/ container?	Yes	No	Not Present
ŧ5	Chain of Custody present?	Yes.	No	
‡6	Sample instructions complete of Chain of Custody?	Yes	No	
ŧ7	Chain of Custody signed when relinquished/ received?	(es	No	
<i>‡</i> 8	Chain of Custody agrees with sample label(s)?	(Yes)	No	ID written on Cont / Lid
ŧ9	Container label(s) legible and intact?	Yes	No	Not Applicable
ŧ10	Sample matrix/ properties agree with Chain of Custody?	Kes	No	
<i>‡</i> 11	Containers supplied by ELOT?	Yes	No	
<i>‡</i> 12	Samples in proper container/ bottle?	Yes	No	See Below
<i>‡</i> 13	Samples properly preserved?	Yes	No	See Below
<i>‡</i> 14	Sample bottles intact?	Yes	No	
<i>‡</i> 15	Preservations documented on Chain of Custody?	Yes	No	
<i>‡</i> 16	Containers documented on Chain of Custody?	Yes	No	
<i>‡</i> 17	Sufficient sample amount for indicated test(s)?	Yes	No	See Below
<i>‡</i> 18	All samples received within sufficient hold time?	(Yes)	No	See Below
<i>‡</i> 19	Subcontract of sample(s)?	Yes	No	Not Applicable
<i>‡</i> 20	VOC samples have zero headspace?	Xes	No	Not Applicable

## Variance Documentation

Contact	 Contacted by:	Date/ Time
Regarding:		
Corrective Action Taken.		
Check all that Apply:	See attached e-mail/ fax Client understands and would like to proceed with ana Cooling process had begun shortly after sampling eve	alysis ent

# Analytical Report 285558

, *'* 

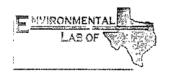
for

**Talon LPE** 

**Project Manager: Eb Taylor** 

Gill BGJ # 1 YatesP026SPL2

13-JUL-07



12600 West I-20 East Odessa, Texas 79765

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NELAC certification numbers: Houston, TX E871002 - Miami, FL E86678 - Tampa, FL E86675

Houston - Dallas - San Antonio - Austin - Tampa - Miami - Latin America



13-JUL-07



Project Manager: **Eb Taylor Talon LPE** 318 E. Taylor Hobbs, NM 88240

Reference: XENCO Report No: 285558 Gill BGJ # 1 Project Address: Lea County, New Mexico

#### Eb Taylor:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number 285558. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. Estimation of data uncertainty for this report is found in the quality control section of this report unless otherwise noted. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 285558 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Brent Barron Odessa Laboratory Director

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Sample Cross Reference 285558

Talon LPE, Hobbs, NM Gill BGJ # 1

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
SP-3	S	Jul-03-07 08:35		285558-001
SP-4	S	Jul-03-07 08:40		285558-002



## Certificate of Analysis Summary 285558

Talon LPE, Hobbs, NM Project Name: Gill BGJ #1



Project Id: YatesP026SPL2

Contact: Eb Taylor

Project Location: Lea County, New Mexico

Date Received in Lab:	Fri Jul-06-07 12 30 pm
-----------------------	------------------------

Report Date: 13-JUL-07

Project Manager: Brent Barton, U

				Project Manager:	Brent Barton, D
	Lab Id:	285558-001	285558-002		
Amalusis Douvertail	Field Id:	SP 3	SP-4		
Analysis Requested	Depth:				
	Matrix:	SOIL	SOIL		
	Sampled:	Jul-03-07 08 35	Jul-03-07 08:40		
BTEX by EPA 8021B	Extracted:	Jul-10-07 17 00	Jul-10-07 17.00		
	Analyzed:	Jul-11-07-17:05	Jul-11-07 17.26		
	Unit\RL:	mg/kg RL	mg/kg, RL		
Benzene		0 1 2 2 0 0 0 0 2 3	0 0624 0 0025		
Joluene		0 5367 0 0023	0 4 2 2 5 0 0 0 0 2 5		
Ethylbenzene		0 1930 0 0023	0 2556 0 0025		
m,p-Xylene		1.285 0.0045	1 199 0 0050		
o-Xylene		0.3510 0.0023	0.3897 0.0025		
Total Xylenes		1 636	1 5387		
Total BTEX		2 4877	2 3 2 9 2		
Percent Moisture	Extracted:				
	Analyzed:	Jul-07-07 10 45	Jul-07-07 10.50		
	Unit VRL:	∾₀ RL	% RL		
Percent Moisture		11.2	19.3		
TPH by SW 8015B	Extracted:	Jul-12-07 12.24	Jul-12-07 12:24		
	Analyzed:	ful-12-07 21.14	Jul-12-07 21:42		
	Units/RL:	mg/kg RL	mg/kg RL		
C6-C10 Gasoline Range Hydrocarbons		6190 113	1380 124		
C10-C28 Diesel Range Hydrocarbons		12300 113	2220 124		

This analytical report, and the entity of na package it represents, has been made for your exclusive and confidential use. The interprotations indirectile copressed throughout the analytical report represents the interprint of XENCO Laborationes AF NCO Laboratoria, assumes no responsibility and majors no variants to its end used to the data hereby meaning Our hability is finited to its a amount meeting of the work of the our states the outside agreed to invertige

Since 1990 Houston - Dallas - San Antonio - Austin - Tampa - Mianii - Latin America

Brent Barron Odessa Laboratory Director

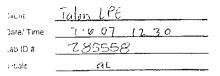
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<sup>12</sup> roject Manager	EB TAYLOR													P	roje	ct N	ame				GII.L	BG.	#1_	<u> </u>		
Company Name	TALONLI'E									~~~~					F	, oje	ist#				YAT	ESP	0265	PL2		
Company Address	318 E. TAYLOP														Pro	ject	Loc		_		I E4	- coi	JNTY	NEW	NEXK	co
City/State/Zip	HOBBS NEW MEXICO 6	8240														F	°0 #									
Telephone No	432-278-6388				Fax No									Repo	urt F							Π	_			DES
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and a structions	Sate       7/4/6,7       Date       2ate	12	<u></u>	Received by Received by Received by EL		L!_						] 	Dari Dari		-1 		Sa VC Lai Cu Cu Sa	Dorate mple 4 Cs fr stedy stedy stedy stedy stedy by Sa by Cp uperal	Confa e- cf n con seals seals land imple wret	taner Hes tanes tanes tan Deh t/Che	s Inta dspa er(s) couler vered int Re ups	-317 Ger Iner(s r(%) I I I I I I I I I I I I I I I I I I I		Fere		

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### Environmental Lab of Texas

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#### Environmental Lab of Texas Variance/ Corrective Action Report- Sample Log-In



#### Sample Receipt Checklist

1 Temperature of container/ cooler?	(Yes)	No	Chent Ini
2 Shipping container in good condition?	(Tes)	No	
3 Custody Seals intact on shipping container/ cooler?	Yes	No	NotFregent
4 Custody Seals intact on sample bottles/ container?	Yes	No	Not Present
5 Chain of Custody present?	Yes	No	
5 Sample instructions complete of Chain of Custody?	Kes	No	
Chein of Custody signed when relinquished/ received?	Mes	No	
c Chain of Custody agrees with sample label(s)?	YEST	No	ID written on Cont / Ltd
Container label/s) legible and intact?	Yes	No	Not Applicable
10 Sample matux properties agree with Chain of Custody?	Yes)	No	
Containers supplied by ELOT?	Ves	No	
Samples in proper container/ bottle?	Yes	No	See Below
13 Samples properly preserved?	Yes	No	See Below
14 Sample bottles infact?	Yes	No	
15 Preservations dorumented on Chain of Custody?	Yés	No	
16 Containers documented on Chain of Custody?	Yés	No	
17 Sufficient sample amount for indicated test(s)?	Yes	No	See Bolow
418 All samples received within sufficient hold time?	(A)	No	See Below
#19 Subcontract of sample(s)?	Yes	No	Net Applicable
20 VOC samples have zero headspace?	207	No	Not Applicable

#### Variance Documentation

Contact

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Contacled by Date/ Time

\_\_\_\_

Regarding

Corrective Action Taken.

\_\_\_\_

\_\_\_\_\_

Check all that Apply

#### See attached e-mail/ fax

Client understands and would like to proceed with analysis Cooling process had begun shortly after sampling event



A Xenco Laboratories Company

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# Analytical Report

# **Prepared for:**

Sherry Bonham Yates Petroleum Corp. 105 S. Fourth St. Artesia, NM 88210

Project: Gill BGJ I Project Number: None Given Location: 29-98-35E UL-L

Lab Order Number: 7A30007

Report Date: 02/02/07

Yates Petroleum Corp. 105 S. Fourth St. Artesia NM, 88210

#### Project: Gill BGJ I Project Number: None Given Project Manager: Sherry Bonham

#### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SP3- 12	7A30007-01	Soil	01/28/07 14:15	01-30-2007 10:30
SP3- 26	7A30007-02	Soil	01/28/07 14:30	01-30-2007 10:30

#### Project: Gill BGJ I Project Number: None Given Project Manager: Sherry Bonham

# Organics by GC Environmental Lab of Texas

Analyte	Result	Reporting Limit		Dilution	Batch	Prepared	Analyzed	Method	Notes
SP3- 12 (7A30007-01) Soil									
Carbon Ranges C6-C10	3030	10.0	mg/kg dry	1	EA73107	01/31/07	01/31/07	EPA 8015B	
Carbon Ranges >C10-C28	3760	10.0	n	"		**	11	n	
Total Carbon Range C6-C28	6790	10.0	"	11	u	11	и	н	
Surrogate: 1-Chlorooctane		191 %	70-1	30	"	"	"	"	S-04
Surrogate: 1-Chlorooctadecane		200 %	70-1	30	"	"	"	"	S-04
SP3- 26 (7A30007-02) Soil									
Carbon Ranges C6-C10	1720	10.0	mg/kg dry	1	EA73107	01/31/07	02/01/07	EPA 8015B	
Carbon Ranges >C10-C28	2490	10.0	"	"	"	11		11	
Total Carbon Range C6-C28	4210	10.0	n	It	"	n	"	"	
Surrogate: 1-Chlorooctane		132 %	70-1	30	"	"	° 11	"	S-04
Surrogate: 1-Chlorooctadecane		140 %	70-1	30	"	"	"	н	S-04

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Environmental Lab of Texas.

### Project: Gill BGJ I Project Number: None Given Project Manager: Sherry Bonham

### General Chemistry Parameters by EPA / Standard Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP3- 12 (7A30007-01) Soil									
Chloride % Moisture	J [2.62] 17.0	· 5.00 0.1	mg/kg %	10 1	EB70104 EA73101	02/01/07 01/30/07	02/01/07 01/31/07	EPA 300.0 % calculation	J
SP3- 26 (7A30007-02) Soil									
Chloride % Moisture	J [4.72] 18.6	5.00 0.1	mg/kg %	10 1	EB70104 EA73101	02/01/07 01/30/07	02/01/07 01/31/07	EPA 300.0 % calculation	J

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory This analytical report must be reproduced in its entirety, with written approval of Environmental Lab of Texas

#### Project: Gill BGJ I Project Number: None Given Project Manager: Sherry Bonham

### Volatile Organic Compounds by EPA Method 8260B

**Environmental Lab of Texas** 

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP3- 12 (7A30007-01) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EA73102	01/31/07	.02/01/07	EPA 8260B	
Toluene	0.449	0.0250	n	"	"	"	"	11	
Ethylbenzene	0.341	0.0250	н	"		μ	11	"	
Xylene (p/m)	2.79	0.0250	11	"	0	"	"	п	
Xylene (0)	1.13	0.0250	n	н	11	n	11		
Surrogate · Dibromofluoromethane		105 %	70-13	39	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		98.4 %	52-14	49	"	"	"	"	
Surrogate: Toluene-d8		120 %	76-12	25	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		135 %	66-14	45	"	"	"	"	
SP3- 26 (7A30007-02) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EA73102	01/31/07	02/01/07	EPA 8260B	
Toluene	0.244	0.0250	"	"	"	"	"	н	
Ethylbenzene	0.193	0.0250	"	11	n	"	11	11	
Xylene (p/m)	1.65	0.0250	"		и		n	H	
Xylene (0)	0.660	0.0250	, н	"	n	17	n	н	
Surrogate · Dibromofluoromethane		103 %	70-13	39	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		105 %	52-14	19	"	"	"	"	
Surrogate. Toluene-d8		116 %	76-12	25	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		128 %	66-14	15	"	"	"	"	

Environmental Lab of Texas A Xenco Laboratories Company

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Environmental Lab of Texas.

Relinquished by: Tedex	Relinquished by		Relinquished by Sherry Bonham	Special Instructions:	1							503-	503-12	2	ORDER #: MARX	(Jah use only)	Sampler Signature:	Telephone No:	City/State/Zip:	Company Address:	Company Name	Project Manager:	Environment
1/30/07		1017-1	Date											FIELD CODE			Property	505-748-4162 or 505-513-1529	Artesia, NM 88210	: 105 S 4th Street	Yates Petroleum Corporation	Sherry Bonham	Environmental Lab of Texas
10:10	T III	3.001	Time						 			И	1	Beginning Depth				1529			ă		Xas
		1				ļ						26"	19 ×	Ending Depth	-								_
	Received by.		Received by:									1-28-07	1-28-07	Date Sampled									
Received by ELUT:	OT.											2:30 PM	2:15 PM	Time Sampled			- e-mail:	Fax No:					
6.1		ł												Field Filtered									
Samot							ļ		 			1	-	Total # of Containers 4 or. 6	1/1155		sherryb@ypcnm.com	505-748-458 cover sheet)					0 -
S.					<b> </b>	-			 			۲	5	Ice HNO3	Pa		<u>V</u>	748-/					12600 W Odessa,
X				-	-				 					HCI	Preserva		Ø	et)					
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														Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	of Containers		0	include					V OF ∃ast
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1/30/07		7	Date				-		 					Other ( Specify) DW=Drinking Water SL=Sludge	+					1	1	l	ISTO
	í.											S	ல	GW = Groundwater S=Soil/Solid	Matrix			Rel					Yac
10														NP=Non-Potable Specify Other	×		-1	port		P		Proj	RE
10:30			lime				<b> </b>		 			7	$\leq$		0153			Report Format:		Project Loc:	Proj	Project Name:	CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST t I-20 East xas 79765 Fax: 432-563-1710 Fax: 432-563-1710
1.62.5	2	210			<u> </u>				 					TPH: TX 1005 TX 1006				nat:	PO #:	t Lo	Project #:	lame	, <b>D</b>
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Ine	iplen rier?	als	cont	y Cc	; 		1		 					Metals: As Ag Ba Cd Cr Pb Hg			>	Standard	20	è		1	IALYS Phone Fax:
Temperature Upon Receipt	Jaijple nand veivered	N SI C	aine on co	Laboratory Comments Sample Containers Intect? VOCS Free of Headspace?										Volatiles		Analyze For		đ	4260	ŝ		<u>B</u> E	/AL YSIS REQUEST Phone: 432-563-1800 Fax: 432-563-1713
Rec	UPS	oolei	r(S) ontai	ents Inta Ispac					 					Semivolatiles				<b></b>	12	35E		Ę.	5 RE 432 432-
eipt:	- 0.0 	(s)	ner(s	e?	_				 			7	5	BTEX 8021B 5030 or BTEX 82	260		1		20	M			S REQUEST 432-563-1800 432-563-1713
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# Environmental Lab of Texas Variance/ Corrective Action Report- Sample Log-In

lient:	Vates Petroleum	
)ate/ Time:	1/20/07 10:30	
.ab ID # ·	743007	_
nitials:	C/C,	

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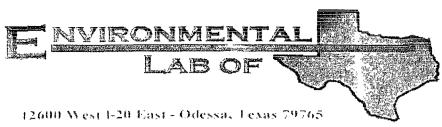
## Sample Receipt Checklist

				(	Client Initials
<i>‡</i> 1	Temperature of container/ cooler?	Yes	No	(.S °C	
¥2	Shipping container in good condition?	Yes	No		
<b>‡</b> 3	Custody Seals intact on shipping container/ cooler?	Yes	No	Not Present	
<b>#</b> 4	Custody Seals intact on sample bottles/ container?	Yes	No	Not Present	
¥5	Chain of Custody present?	Yes	No	· · · · · · · · · · · · · · · · · · ·	
¥6	Sample instructions complete of Chain of Custody?	Yes	No		
¥7	Chain of Custody signed when relinquished/ received?	Ves	No		
¥8	Chain of Custody agrees with sample label(s)?	Yes	No	ID written on Cont./ Lid	
¥9	Container label(s) legible and intact?	Yēs	No	Not Applicable	
¥10	Sample matrix/ properties agree with Chain of Custody?	Yes	No		
<i>‡</i> 11	Containers supplied by ELOT?	Yes	No		
<i>‡</i> 12	Samples in proper container/ bottle?	Yes	No	See Below	
¥13	Samples properly preserved?	Xes,	No	See Below	
<i>‡</i> 14	Sample bottles intact?	Yes	No		1
¥15	Preservations documented on Chain of Custody?	Yes	No		11
¥16	Containers documented on Chain of Custody?	Yes	No	· · · · · · · · · · · · · · · · · · ·	
<i>‡</i> 17	Sufficient sample amount for indicated test(s)?	Xes,	No	See Below	
¥18	All samples received within sufficient hold time?	Yes	No	See Below	
<i>‡</i> 19	Subcontract of sample(s)?	Yes	No	Not Applicable	11
<del>;</del> 20	VOC samples have zero headspace?	Yes	No	Not Applicable	[]

### **Variance Documentation**

Contact:	 Contacted by:	Date/ Time:
Regarding:	 ······································	
Corrective Action Taken:		
Check all that Apply:	See attached e-mail/ fax Client understands and would like to proceed with an	alysis

Client understands and would like to proceed with analysis Cooling process had begun shortly after sampling event



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# Analytical Report

### **Prepared for:**

Eb Taylor Talon LPE- Hobbs 318 East Taylor Street Hobbs, NM 88240

Project: Gill BGJ #1 Project Number: YATESP026SPL Location: Lea County, New Mexico

Lab Order Number: 7A19001

Report Date: 01/26/07

Talon LPE- Hobbs	Project:	Gıll BGJ #1	Fax (505) 393-4658
318 East Taylor Street	Project Number	YATESP026SPL	
Hobbs NM. 88240	Project Manager.	Eb Taylor	

#### ANALYTICAL REPORT FOR SAMPLES

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Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SP-1	7A19001-01	Soil	01/18/07 11:13	01-19-2007 10:07
SP-2	7A19001-02	Soil	01/18/07 11:25	01-19-2007 10:07
SP-3	7A19001-03	Soil	01/18/07 11:40	01-19-2007 10:07
SP-4 .	7A19001-04	Soil	01/18/07 11:45	01-19-2007 10.07

SP-1 (7A19001-01) Soil     Carbon Ranges C6-C10   4050   10 0   mg/kg dry   1   EA72201   01/2     Carbon Ranges >C10-C28   3460   10 0   "   "   "   "     Total Carbon Range C6-C28   7500   10.0   "   "   "   "     Surrogate: 1-Chlorooctane   153 %   70-130   "   "   "   "     Surrogate: 1-Chlorooctadecane   159 %   70-130   "	Talon LPE- HobbsProject.Gill BGJ #1318 East Taylor StreetProject Number.YATESP026SPLHobbs NM, 88240Project Manager:Eb Taylor										
Result     Imm     Unuts     Dilution     Batch     Prep       SP-1 (7A19001-01) Soil     Carbon Ranges C6-C10     4050     10 0     mg/kg dry     1     EA72201     01/2       Carbon Ranges C6-C10     4050     10 0     mg/kg dry     1     EA72201     01/2       Carbon Ranges C6-C10     4050     10.0     "     "     "     "       Surrogate:     1-Chlorooctane     153 %     70-130     "     "     "       Surrogate:     1-Chlorooctane     159 %     70-130     "											
Analyte     Result     Linit     Units     Dilution     Batch     Prep       SP-1 (7A19001-01) Suil     Carbon Ranges C6-C10     4050     10.0     mg/kg dry     1     EA72201     01/2       Carbon Ranges C6-C10     4050     10.0     mg/kg dry     1     EA72201     01/2       Carbon Ranges C6-C10     4050     10.0     mg/kg dry     1     EA72201     01/2       Surrogate: 1-Chlorooctane     153 %     70-130     mg/gg dry     1     EA72201     01/2       Surrogate: 1-Chlorooctadecane     159 %     70-130     mg/gg dry     1     EA72201     01/2       Carbon Ranges C6-C10     49.7     10.0     mg/kg dry     1     EA72201     01/2       Carbon Ranges C10-C28     70.7     10.0     mg/kg dry     1     EA72201     01/2       Surrogate: 1-Chlorooctane     105 %     70-130     mg/gg     mg/gg </th <th></th> <th></th> <th></th>											
Carbon Ranges C6-C10     4050     10.0     mg/kg dry     1     EA72201     01/2       Carbon Ranges >C10-C28     3460     10.0     "     <	pared Analyzed	d Method	Notes								
Carbon Ranges >C10-C28   3460   10 0   " <td< td=""><td></td><td></td><td>- · · · · · · · · · · · · · · · · · · ·</td></td<>			- · · · · · · · · · · · · · · · · · · ·								
Total Carbon Range C6-C28   7500   10.0   "   "   "     Surrogate: 1-Chlorooctane   153 %   70-130   "   "   "     Surrogate: 1-Chlorooctane   159 %   70-130   "   "   "     SP-2 (7A19001-02) Soil   *   *   *   *   *   *     Carbon Ranges C6-C10   49.7   10.0   mg/kg dry   1   EA72201   01/2     Carbon Ranges C6-C28   70.7   10.0   "   "   *   *     Surrogate: 1-Chlorooctane   105 %   70-130   "   *   *   *     Surrogate: 1-Chlorooctane   10.0   "   "   *   *   *   *     Surrogate: 1-Chlorooctadecane   93.6 %   70-130   "   *	20/07 01/21/07	BPA 8015B									
Surrogate: 1-Chlorooctane   153 %   70-130   "     Surrogate: 1-Chlorooctadecane   159 %   70-130   "     SP-2 (7A19001-02) Soil   SP-2 (7A19001-02) Soil   SP-2 (7A19001-02) Soil   10.0   mg/kg dry   1   EA72201   01/2     Carbon Ranges C6-C10   49.7   10.0   mg/kg dry   1   EA72201   01/2     Carbon Ranges C6-C28   70.7   10 0   "<	n 11										
Surrogate: 1-Chlorooctadecane   159 %   70-130   "     SP-2 (7A19001-02) Soil     Carbon Ranges C6-C10   49.7   10.0   mg/kg dry   1   EA72201   01/21     Carbon Ranges C6-C28   70.7   10 0   "	и и	ę,									
SP-2 (7A19001-02) Suil     Carbon Ranges C6-C10   49.7   10.0   mg/kg dry   1   EA72201   01/20     Carbon Ranges >C10-C28   70.7   10.0   " <td< td=""><td>" "</td><td>"</td><td>S-04</td></td<>	" "	"	S-04								
Carbon Ranges C6-C10   49.7   10.0   mg/kg dry   1   EA72201   01/20     Carbon Ranges >C10-C28   70.7   10.0   " <td>" "</td> <td>"</td> <td><i>S-0</i>4</td>	" "	"	<i>S-0</i> 4								
Carbon Ranges >C10-C28   70.7   10 0   " <th< td=""><td></td><td></td><td></td></th<>											
Total Carbon Range C6-C28   120   10.0   " <th"< th="">   "   &lt;</th"<>	20/07 01/21/07	EPA 8015B									
100   1	и п	11									
Surrogate. 1-Chlorooctadecane   93.6 %   70-130   "     SP-3 (7A19001-03) Soil     Carbon Ranges C6-C10   14100   100   mg/kg dry   10   EA72201   01/20     Carbon Ranges C6-C10   14100   100   mg/kg dry   10   EA72201   01/20     Carbon Ranges >C10-C28   13800   100   "   "   "   "   "     Total Carbon Range C6-C28   27900   100   "   "   "   "   "     Surogate: 1-Chlorooctane   28.8 %   70-130   "   "   "   "     Surogate: 1-Chlorooctadecane   29.4 %   70-130   "   "   "     SP-4 (7A19001-04) Soil   Soil   "   "   "   "	u n	*									
SP-3 (7A19001-03) Soil Carbon Ranges C6-C10 14100 100 mg/kg dry 10 EA72201 01/24 Carbon Ranges >C10-C28 13800 100 " " " " " " Total Carbon Range C6-C28 27900 100 " " " " " " Sur rogate: 1-Chlorooctane 28.8 % 70-130 " Surrogate: 1-Chlorooctadecane 29.4 % 70-130 " SP-4 (7A19001-04) Soil	" "	"									
Carbon Ranges C6-C10     14100     100     mg/kg dry     10     EA72201     01/20       Carbon Ranges >C10-C28     13800     100     " <th"< th="">     "     <th"< th="">     &lt;</th"<></th"<>	" "	"									
Carbon Ranges >C10-C28 13800 100 " "   Total Carbon Range C6-C28 27900 100 " "   Surrogate: 1-Chlorooctane 28.8 % 70-130 "   Surrogate: 1-Chlorooctadecane 29.4 % 70-130 "   SP-4 (7A19001-04) Soil											
Total Carbon Range C6-C28     27900     100     " <th"< th="">     "     <th"< th="">     "     <th"< td=""><td>20/07 01/22/07</td><td>EPA 8015B</td><td></td></th"<></th"<></th"<>	20/07 01/22/07	EPA 8015B									
Sur rogate: 1-Chlorooctadecane 28.8 % 70-130 "   SP-4 (7A19001-04) Soil	k d	п									
Surrogate: 1-Chlorooctadecane 29 4 % 70-130 " SP-4 (7A19001-04) Soil	и ь	Ш									
SP-4 (7A19001-04) Soil	<i>n n</i>	п	S-06								
	<i>" "</i>	"	S-06								
Carbon Ranges C6-C10 ND 10.0 mg/kg dry 1 EA72201 01/2	20/07 01/22/07	EPA 8015B									
Carbon Ranges >C10-C28 91.3 10.0 " " "	р и										
Total Carbon Range C6-C28 91.3 10.0 " " "	n N	11									
Surrogate: 1-Chlorooctane 95 0 % 70-130 "	lr n	"									
Surrogate: 1-Chlorooctadecane 79.6 % 70-130 "	u u										

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#### Project: Gill BGJ #1 Project Number: YATESP026SPL

#### General Chemistry Parameters by EPA / Standard Methods

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Project Manager: Eb Tayloi

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP-1 (7A19001-01) Soil						·····			
Chloride	71.2	5.00	mg/kg	10	EA72208	01/22/07	01/22/07	EPA 300 0	
% Moisture	16.1	0.1	9⁄0	1	EA72206	01/21/07	01/22/07	% calculation	
SP-2 (7A19001-02) Soil									
Chloride	508	10.0	mg/kg	20	EA72208	01/22/07	01/22/07	EPA 300 0	
% Moisture	15.0	0 1	%	1	EA72206	01/21/07	01/22/07	% calculation	
SP-3 (7A19001-03) Soil									
Chloride	6.36	5,00	mg/kg	10	EA72208	01/22/07	01/22/07	EPA 300 0	
pH	7.98	0.10	pH Units	1	EA72511	01/25/07	01/25/07	EPA 9045B	
% Moisture	15.4	01	%	н	EA72206	01/21/07	01/22/07	% calculation	
SP-4 (7A19001-04) Soil									
Chloride	J [3.25]	5 00	mg/kg	10	EA72208	01/22/07	01/22/07	EPA 300 0	J
% Moisture	14.1	0.1	%	1	EA72206	01/21/07	01/22/07	% calculation	

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#### Talon LPE- Hobbs 318 East Taylor Street Hobbs NM. 88240

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#### Project: Gill BGJ #1 Project Number YATESP026SPL Project Manager Eb Taylor

#### Volatile Organic Compounds by EPA Method 8260B

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4 1- 4-	Result	Reporting Limit	Units		<b>.</b> .				
Analyte	Kesun	1.11111		Dilution	Batch	Prepared	Analyzed	Method	Notes
SP-1 (7A19001-01) Soil					·····				
Benzene	ND	0.200		200	EA72303	01/23/07	01/23/07	EPA 8260B	
Toluene	1.00 71.1	0 200	н	n	a	11	n	a	
Ethylbenzene	0.491	0 200		н	N	"	"	,ť	
Xylene (p/m)	4.02	0.200	п	н	n	11	11	v	
Xylene (o)	1.66	0.200	n	"	"	II	н 		
Surrogate · Dibromofluoromethane		108 %	70-1	39	"	"	. "	"	
Surrogate: 1,2-Dichloroethane-d4		100 %	52-1	49	"	17	u	"	
Surrogate: Tohuene-d8		108 %	76-1	25		"	"	"	
Surrogate · 4-B10m0flu010benzene		121 %	<i>66-1</i>	45	"		"	"	
SF-2 (7A19001-02) Soil									
Benzene	ND	0.00200	mg/kg dry	2	EA72303	01/23/07	01/23/07	EPA 8260B	
Toluene	J [0.00140]	0 00200		"	"	"	н	۴	]
Ethylbenzene	ND	0 00200	n	0	н	"	н	12	
Xylene (p/m)	0.0109	0.00200	"	u	u	15	u	<b>H</b>	
Xylene (0)	0.00601	0.00200	u	n	17	d	\$ <sub>1</sub>	n	
Surrogate. Dibromo/luoromethane		128 %	70-1	39	п	11	11	11	
Surrogate. 1.2-Dichloroethane-d4		109 %	52-1	49	"	"	"	"	
Surrogate · Toluene-d8		99.2 %	76-1	25	"	"	"	"	
Surrogate, 4-Bromofluorobenzene		128 %	66-1	45	"	"	н	"	
SP-3 (7A19001-03) Soil									
Benzene	ND	0.500	mg/kg dry	500	EA72303	01/23/07	01/23/07	EPA \$260B	
Toluene	1.99	0,500	"	32	u.	"	n	n	
Ethylbenzene	1.00 15.6	0.500		n	v	н	n	٦	
Xylene (p/m)	9.18	0.500			11	н	н	n	
Xylene (o)	3.52	0 500	"	n	н	п	"	11	
Sui rogate: Dibi omofluoromethane		108 %	70-1	39	"	"	"	"	
Sut rogate: 1.2-Dichloroethane-d4		94.4 %	52-1	49	"	"	"	"	
Sut rogate: Toluene-d8		106 %	76-1	25	"	"	"	"	
Surrogate 4-Bromofluorobenzene		123 %	66-1	45	"	"	"	"	

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# Project: Gill BGJ #1

Project Number YATESP026SPL

Project Manager Eb Taylor

#### Volatile Organic Compounds by EPA Method 8260B

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP-4 (7A19001-04) Soil									
Benzene	ND	0.00200	mg/kg dry	2	EA72403	01/24/07	01/24/07	EPA \$260B	
Toluene	ND	0 00200	"	11	"	н	n	н	
Ethylbenzene	ND	0 00200		"		"	b	n	
Xylene (p/m)	ND	0.00200	'n	ь	u	n	п	ge.	
Xylene (0)	ND	0.00200		п	n	н	n	**	
Surrogate: Dibromofluoromethane		120 %	70-1	39	"	"	• "	"	
Surrogate: 1,2-Dichloroethane-d4		106 %	52-1	49	"	"	,1	"	
Surrogate: Toluene-d8		95.2 %	76-1	25	"		"	11	
Surrogate. 4-Bromofluorobenzene		124 %	66-1	45	"	"	"	n	

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#### Project Gill BGJ #1 Project Number. YATESP026SPL Project Manager Eb Taylor

Organics by GC - Ouality Control

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		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%KEC	Limits	RPD	Limit	Notes
Batch EA72201 - Solvent Extraction (GC)										
Blank (EA72201-BLK1)				Prepared 8	k Analyze	∄·01/21/07				
Carbon Ranges, C6-C10	ND	10.0	mg/kg wet							
Carbon Ranges >C10-C28	ND	10 0								
Fotal Carbon Range C6-C28	ND	10 0	11							
Surrogate: 1-Chlorooctane	42.9		mg/kg	50.0		85.8	70-130	···· · ·		
Surrogate: I-Chlorooctadecane	36.9		"	50.0		73 8	70-130			
LCS (EA72201-BS1)				Prepated &	t Analyzed	1 01/21/07				
Carbon Ranges C6-C10	500	10 0	mg/kg wet	500		100	75-125			
Carbon Ranges >C10-C28	400	10 0		500		80.0	75-125			
Total Carbon Range C6-C28	901	10.0	h	1000		90 1	75-125			
Surrogate 1-Chlorooctane	54.5		mg/kg	50.0		109	70-130			
Surrogate, 1-Chlorooctadecane	38 8		"	50.0		77 <b>.6</b>	70-130			
Calibration Check (EA72201-CCV1)				Prepared: (	)1/21/07	Analyzed 01	/22/07			
Carbon Ranges C6-C10	229		mg/kg	250	<b></b>	91.6	80-120			
Carbon Ranges >C10-C28	274		h	250		110	80-120			
Fotal Carbon Range C6-C28	503		и	500		101	80-120			
Surrogate 1-Chlorooctane	60 3		"	50.0		121	70-130			
Surrogate: 1-Chlorooctadecane	46.3			50.0		92.6	70-130			
Matrix Spike (EA72201-MS1)	Source	e: 7A19008	3-05	Prepared (	)1/21/07	Analyzed, 01	/22/07			
Carbon Ranges C6-C10	2030	10 0	mg/kg dry	1750	ND	116	75-125			
Carbon Ranges >C10-C28	1570	10 0	ĸ	1750	ND	897	75-125			
Total Carbon Range C6-C28	3600	10.0		3500	ND	103	75-125			
Surrogate 1-Chlorooctane	60 3		nıgAcy	50 0		121	70-130			
Surrogate, 1-Chlorooctadecane	40.9		"	50.0		818	70-130			
Matrix Spike Dup (EA72201-MSD1)	Source	: 7A19008	3-05	Prepared. (	01/21/07	Analyzed 01	/22/07			
Carbon Ranges C6-C10	2000	10 0	mg/kg dry	1750	ND	114	75-125	1 49	20	
Carbon Ranges >C10-C28	1540	10 0	п	1750	ND	88.0	75-125	1.93	20	
Fotal Carbon Range C6-C28	3550	10 0	μ	3500	ND	101	75-125	1 40	20	
Surrogate. 1-Chlorvoctane	57.6		mg/kg	50.0		115	70-130		,	
Surrogate, 1-Chlorooctadecane	38.8		"	50.0		77.6	70-130			

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Proje	ct Manager. <u>EB</u>	TAYLOR														·. 	Proje	et Na	ລຸດາອ:		~~~~~~	(	GILL	. BG	J #1			
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## Environmental Lab of Texas Variance/ Corrective Action Report- Sample Log-In

Chent:	Talon HPE
Date/ Time:	1/19/07 16:07
Lab ID # ;	' 1A1900/
Initials:	U/S'

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#### Sample Receipt Checklist

				Client Initia
#1	Temperature of container/ cooler?	Yes	No	2.5 °C
#2	Shipping container in good condition?	Hes	No	
#3	Custody Seals intact on shipping container/ cooler?	Yes	No	Not Present
#4	Custody Seals intact on sample bottles/ container?	YES	No	Not Present
#5	Chain of Custody present?	Yes	No	
#6	Sample instructions complete of Chain of Custody?	Xes	No	
#7	Chain of Custody signed when relinquished/ received?	Xes	No	
#8	Chain of Custody agrees with sample label(s)?	Yes	No	ID written on Cont./ Lid
#9	Container label(s) legible and intact?	Yes	No	Not Applicable
#10	Sample matrix/ properties agree with Chain of Custody?	Xes	No	
#11	Containers supplied by ELOT?	Yes	No	
#12	Samples in proper container/ bottle?	YES	No	See Below
#13	Samples properly preserved?	8-93	No	See Below
#14	Sample bottles intact?	Yes	No	
#15	Preservations documented on Chain of Custody?	Yes	No	
#16	Containers documented on Chain of Custody?	Yes	No	
#17	Sufficient sample amount for indicated test(s)?	Tes	No	See Below
#18	All samples received within sufficient hold time?	Yes>	No	Sco Bolow
#19	Subcontract of sample(s)?	Yes	No	Not Applicable
#20	VOC samples have zero headspace?	Yes	NO	Not Applicable

### Variance Documentation

Contact.		Contacted by:	Date/ Time:
Regarding			
Corrective Action Taken	•		
Check all that Apply:		See attached e-mail/ fax Client understands and would like to proceed with ana Cooling process had begun shortly after sampling eve	•