District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., 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

OIL CONS. DIV DIST. 3
OCT 16 2015

Form C-141
Revised August 8, 2011

Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☒ Final Report

Name of Company: BP	Contact: Steve Moskal
Address: 200 Energy Court, Farmington, NM 87401	Telephone No.: 505-326-9497
Facility Name: Pritchard #3A	Facility Type: Natural gas well

Surface Owner: Federal	Mineral Owner: Federal	API No. 3004522345

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County: San Juan
P	31	29N	8W	1,000	South	800	East	

Latitude 36.67801 **Longitude** -107.71083

NATURE OF RELEASE

Type of Release: Produced Water	Volume of Release: unknown	Volume Recovered: none
Source of Release: below grade tank – 21 bbl	Date and Hour of Occurrence: unknown	Date and Hour of Discovery: 2-7-09; unknown
Was Immediate Notice Given? ☐ Yes ☐ No ☒ Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.* Sampling of the soil beneath the BGT was done during removal to ensure no soil impacts from the BGT. Soil analysis resulted in TPH via 481.1 above BGT closure standards with 152 ppm and BTEX and chloride below BGT closure standards. However, TPH analysis via 8015 resulted in a concentration of 5.0 ppm, below the spill guideline standards.

Describe Area Affected and Cleanup Action Taken.* BGT was removed and the area underneath the BGT was sampled with results below the spill guideline standards. The area under the BGT was backfilled and compacted and is still within the active well area.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human 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 federal, state, or local laws and/or regulations.

Signature:	OIL CONSERVATION DIVISION
Printed Name: Steve Moskal	Approved by Environmental Specialist:
Title: Field Environmental Coordinator	Approval Date: 11/24/2015 Expiration Date:
E-mail Address: steven.moskal@bp.com	Conditions of Approval: Attached ☐
Date: October 16, 2015 Phone: 505-326-9497	

* Attach Additional Sheets If Necessary

NCS1532852949

CLIENT: BP

BLAGG ENGINEERING, INC.
P.O. BOX 87, BLOOMFIELD, NM 87413
(505) 632-1199

API #: 3004522345

FIELD REPORT:

BGT CONFIRMATION / TEMP. PIT CLOSURE / RELEASE INVESTIGATION
(other)

PAGE No: 1 of 1

SITE INFORMATION:

SITE NAME: PRITCHARD # 3A

QUAD/UNIT: P SEC: 31 TWP: 29N RNG: 8W PM: NM CNTY: SJ ST: NM

QTR-QTR/FOOTAGE: 1,000'S / 800'E SE/SE LEASE TYPE: FEDERAL / STATE / FEE / INDIAN

LEASE #: SF078487A PROD. FORMATION: FT/PC/MV CONTRACTOR: KEYSTONE

DATE STARTED: 02/12/09

DATE FINISHED:

ENVIRONMENTAL SPECIALIST: JCB

REFERENCE POINT:

WELL HEAD (W.H.) GPS COORD.: 36.67814 X 107.71096 GL ELEV.: 5,853'

		GPS COORD.	DISTANCE/BEARING FROM W.H.
1)	21 BGT (SW/DB)	36.67801 X 107.71083	60', S12E
2)	~~95 BGT (SW/DB)~~	~~36.67795 X 107.71117~~	~~99', S56W~~
3)			
4)			
5)			

LAB INFORMATION:

CHAIN OF CUSTODY RECORD(S): ENVIROTECH

	SAMPLE ID	SAMPLE DATE	SAMPLE TIME	LAB ANALYSIS
1)	21 BGT 5 pt. @ 6'	02/12/09	1400	418.1/8015B/8021B/300.0 (Cl)
2)	~~95 BGT 5 pt. @ 6'~~	~~02/12/09~~	~~1330~~	~~418.1/8015B/8021B/300.0 (Cl)~~
3)				
4)				
5)				

SOIL DESCRIPTION:

SOIL TYPE: SAND / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER

SOIL COLOR: DARK YELLOWISH ORANGE

COHESION (ALL OTHERS): NON COHESIVE / SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVE

CONSISTENCY (NON COHESIVE SOILS): LOOSE / FIRM / DENSE / VERY DENSE

PLASTICITY (CLAYS): NON PLASTIC / SLIGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC

DENSITY (COHESIVE CLAYS & SILTS): SOFT / FIRM / STIFF / VERY STIFF / HARD

MOISTURE: DRY / SLIGHTLY MOIST / MOIST / WET / SATURATED / SUPER SATURATED

DISCOLORATION/STAINING OBSERVED: YES / NO EXPLANATION -

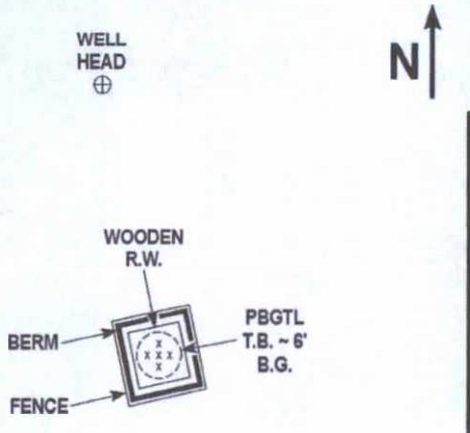
HC ODOR DETECTED: YES / NO EXPLANATION -

SAMPLE TYPE: GRAB / COMPOSITE # OF PTS. 5

ADDITIONAL COMMENTS:

EXCAVATION DIMENSIONS (if applicable): NA ft. X NA ft. X NA ft. cubic yards excavated (if applicable): NA

SITE SKETCH



PLOT PLAN
circle: Attached

MISCELL. NOTES

SW - SINGLE WALLED
DB - DOUBLE BOTTOM

21 BGT - SIDEWALLS VISIBLE
~~95 BGT - SIDEWALLS VISIBLE~~

MAGNETIC DECLINATION @ 13.5°E

NOTES: BGT = BELOW-GRADE TANK; E.D. = EXCAVATION DEPRESSION; B.G. = BELOW GRADE; B = BELOW; T.H. = TEST HOLE; ~ = APPROX.; T.B. = TANK BOTTOM; PBGTL = PREVIOUS BELOW-GRADE TANK LOCATION; SPD = SAMPLE POINT DESIGNATION; R.W. = RETAINING WALL

TRAVEL NOTES: CALLOUT: ONSITE: 02/12/09

revised: 11/21/08

BEI1005E.SKF

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Analytical Laboratory

EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Client:	Blagg/BP	Project #:	94034-0010
Sample ID:	21 BGT 5-pt @ 6'	Date Reported:	02-17-09
Laboratory Number:	48979	Date Sampled:	02-12-09
Chain of Custody No:	6346	Date Received:	02-13-09
Sample Matrix:	Soil	Date Extracted:	02-16-09
Preservative:	Cool	Date Analyzed:	02-16-09
Condition:	Intact	Analysis Needed:	TPH-418.1

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**162**	**5.0**

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **Pritchard 3A.**

Analyst

Review

5796 US Highway 64, Farmington, NM 87401 | Ph (505) 632-0615 Fr (800) 362-1879 Fx (505) 632-1865 lab@envirotech-inc.com envirotech-inc.com

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Analytical Laboratory

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Blagg/BP	Project #:	94034-0010
Sample ID:	21 BGT 5-pt @ 6'	Date Reported:	02-17-09
Laboratory Number:	48979	Date Sampled:	02-12-09
Chain of Custody No:	6346	Date Received:	02-13-09
Sample Matrix:	Soil	Date Extracted:	02-13-09
Preservative:	Cool	Date Analyzed:	02-16-09
Condition:	Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**0.3**	**0.2**
Diesel Range (C10 - C28)	**4.7**	**0.1**
Total Petroleum Hydrocarbons	**5.0**	**0.2**

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Pritchard 3A.**

Analyst

Review

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EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Blagg/BP	Project #:	94034-0010
Sample ID:	21 BGT 5-pt @ 6'	Date Reported:	02-17-09
Laboratory Number:	48979	Date Sampled:	02-12-09
Chain of Custody:	6346	Date Received:	02-13-09
Sample Matrix:	Soil	Date Analyzed:	02-16-09
Preservative:	Cool	Date Extracted:	02-13-09
Condition:	Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**ND**	**0.9**
Toluene	**30.1**	**1.0**
Ethylbenzene	**5.9**	**1.0**
p,m-Xylene	**28.9**	**1.2**
o-Xylene	**10.9**	**0.9**
Total BTEX	**75.8**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	**97.0 %**
	1,4-difluorobenzene	**97.0 %**
	Bromochlorobenzene	**97.0 %**

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Pritchard 3A.**

Analyst

Review

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Chloride

Client:	Blagg/BP	Project #:	94034-0010
Sample ID:	21 BGT 5-pt @ 6'	Date Reported:	02-17-09
Lab ID#:	48979	Date Sampled:	02-12-09
Sample Matrix:	Soil	Date Received:	02-13-09
Preservative:	Cool	Date Analyzed:	02-16-09
Condition:	Intact	Chain of Custody:	6346

Parameter	Concentration (mg/Kg)
Total Chloride	60

Reference: U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: **Pritchard 3A.**

Analyst

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CHAIN OF CUSTODY RECORD

5346

Client	Project Name / Location:
BLAGG / BP	PRITCHARD 3A
Client Address:	**Sampler Name:**
	J. BLAGG
Client Phone No.:	**Client No.:**
	94034-010

Sample No./ Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No./Volume of Containers	Preservative		TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	PAH	TPH (418.1)	CHLORIDE				Sample Cool	Sample Intact
						H_2O	HCl															
~~15 BGT~~	~~2/12/09~~	~~1530~~	~~48978~~	(Soil) Solid Sludge Aqueous	1 - 40z			X	X							X	X				✓	✓
~~5 PERCO~~																						
				Soil Solid Sludge Aqueous																		
21 BGT	"	1400	48979	(Soil) Solid Sludge Aqueous	"			X	X							X	X				✓	✓
5 PERCO																						
				Soil Solid Sludge Aqueous																		
				Soil Solid Sludge Aqueous																		
				Soil Solid Sludge Aqueous																		
				Soil Solid Sludge Aqueous																		
				Soil Solid Sludge Aqueous																		
				Soil Solid Sludge Aqueous																		
				Soil Solid Sludge Aqueous																		

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Jeff Blagg	2/13/09	1451	Kristine M Waeten	2/13/09	1451
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

5796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505-632-0615

ACCENT Printing • Form 28-0607

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Analytical Laboratory

EPA METHOD 418.1
TOTAL PETROLEUM HYROCARBONS
QUALITY ASSURANCE REPORT

Client:	QA/QC	Project #:	N/A
Sample ID:	QA/QC	Date Reported:	02-17-09
Laboratory Number:	02-16-TPH.QA/QC 48978	Date Sampled:	N/A
Sample Matrix:	Freon-113	Date Analyzed:	02-16-09
Preservative:	N/A	Date Extracted:	02-16-09
Condition:	N/A	Analysis Needed:	TPH

Calibration	I-Cal Date	C-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
	02-13-09	02-16-09	1,500	1,610	7.3%	+/- 10%

Blank Conc. (mg/Kg)	Concentration	Detection Limit
TPH	ND	9.6

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
TPH	120	132	10.0%	+/- 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
TPH	120	2,000	1,800	84.9%	80 - 120%

ND = Parameter not detected at the stated detection limit

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **QA/QC for Samples 48978, 48979, 48981 and 48982.**

Analyst

Review

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EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	02-16-09 QA/QC	Date Reported:	02-17-09
Laboratory Number:	48976	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	02-16-09
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	05-07-07	9.9844E+002	9.9884E+002	0.04%	0 - 15%
Diesel Range C10 - C28	05-07-07	9.8626E+002	9.8665E+002	0.04%	0 - 15%

Blank Conc. (mg/L - mg/Kg)	Concentration	Detection Limit
Gasoline Range C5 - C10	ND	0.2
Diesel Range C10 - C28	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	13.8	12.6	8.7%	0 - 30%
Diesel Range C10 - C28	29.5	30.3	2.7%	0 - 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	13.8	250	269	102%	75 - 125%
Diesel Range C10 - C28	29.5	250	287	103%	75 - 125%

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **QA/QC for Sample 48976 - 48980.**

Analyst

Review

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EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	02-16-BTX QA/QC	Date Reported:	02-17-09
Laboratory Number:	48976	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	02-16-09
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	1.8856E+005	1.8694E+005	0.2%	ND	0.1
Toluene	1.6938E+005	1.6970E+005	0.2%	ND	0.1
Ethylbenzene	1.5865E+005	1.5897E+005	0.2%	ND	0.1
p,m-Xylene	4.0561E+005	4.0643E+005	0.2%	ND	0.1
o-Xylene	1.7966E+005	1.8003E+005	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	21.3	21.2	0.5%	0 - 30%	0.9
Toluene	53.4	53.0	0.7%	0 - 30%	1.0
Ethylbenzene	27.2	27.2	0.0%	0 - 30%	1.0
p,m-Xylene	201	201	0.0%	0 - 30%	1.2
o-Xylene	70.5	70.1	0.6%	0 - 30%	0.9

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	21.3	50.0	70.8	99.3%	39 - 150
Toluene	53.4	50.0	100	97.0%	46 - 148
Ethylbenzene	27.2	50.0	76.3	98.8%	32 - 160
p,m-Xylene	201	100	296	98.2%	46 - 148
o-Xylene	70.5	50.0	118	98.3%	46 - 148

ND - Parameter not detected at the stated detection limit.

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.
Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996.

Comments: **QA/QC for Samples 48976 - 48982.**

Analyst

Review

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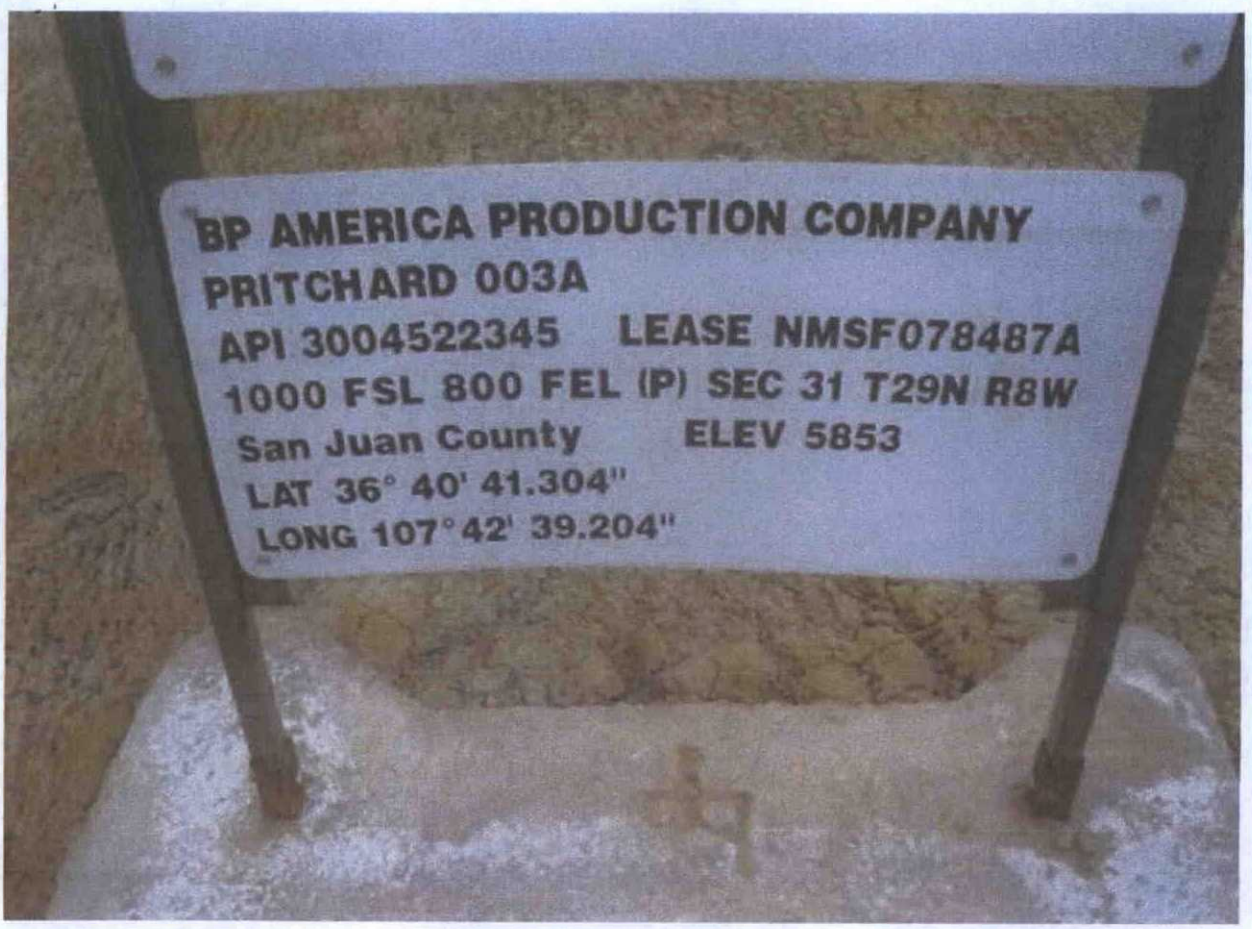
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PRITCHARD 003A
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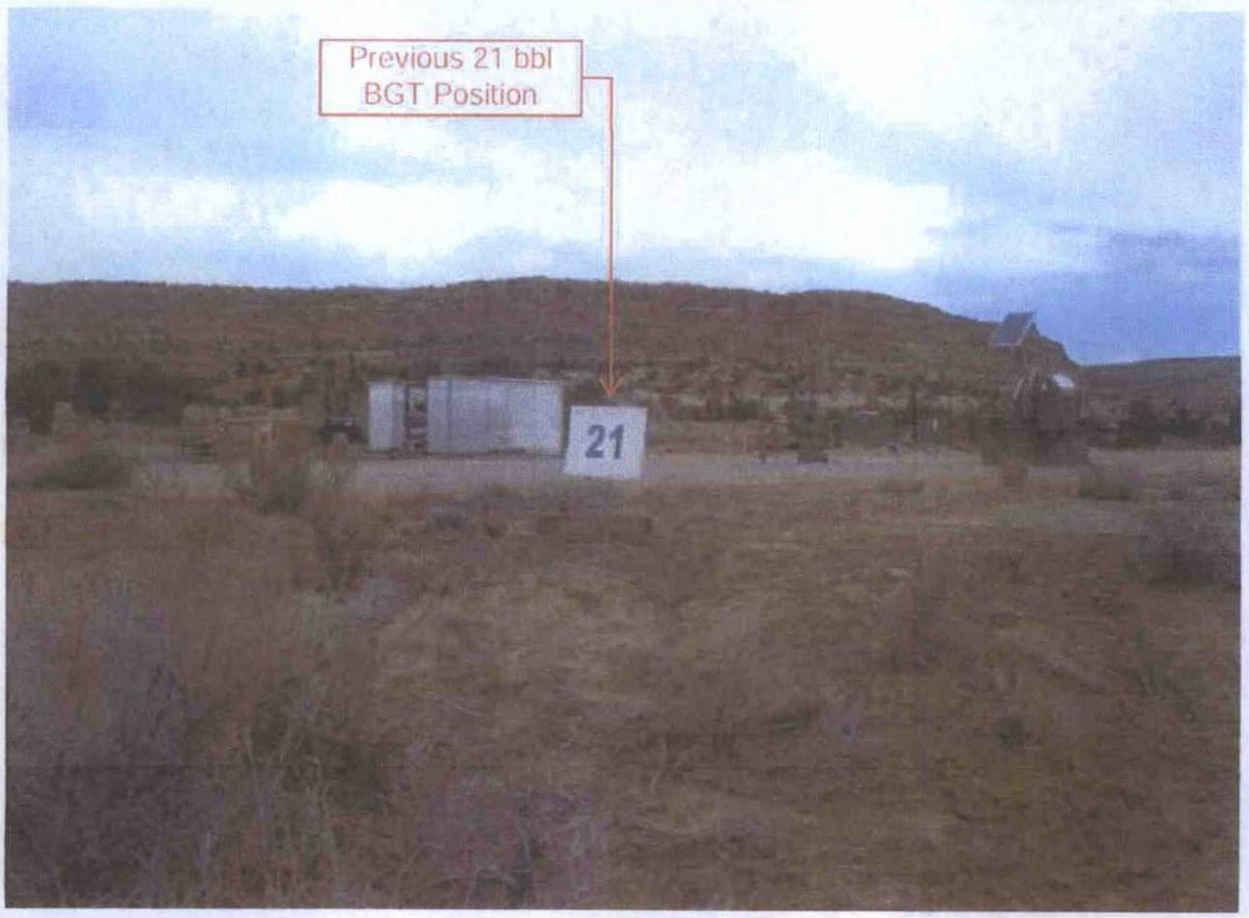
1000 FSL 800 FEL (P) SEC 31 T29N R8W
San Juan County ELEV 5853
LAT 36° 40' 41.304"
LONG 107°42' 39.204"


Previous 21 bbl
BGT Position
21