

STATE OF NEW MEXICO

85-0819-C

DOMESTIC WELL

C LABORATORY DIVISION

700 Camino de Salud NE
Albuquerque, NM 87106 841-2570

REPORT TO: DAVID G. BOYER
PLEASE PRINT
NEW MEXICO OIL CONSERVATION DIV.
P.O. BOX 2088
SANTA FE, NM 87501

S.L.D. No.: OR- 819-A.B
DATE REC.: 8/9/85
SLD PRIORITY #: _____

PHONE(S): 827-5812

USER CODE: 82235SUBMITTER: DAVID BOYERSUBMITTER CODE: SAMPLE TYPE: WATER ☒, SOIL ☐, OTHER _____SAMPLE TYPE CODE: COLLECTED: 8/8/85 - 10:10 BY GB/RJ
DATE TIME INITIALSCODE: 850808101058
Y Y H M D D H H M I I ISOURCE: OWEN RANCH CORRAL FAUCET
471-1459CODE:
AQUIFER DEPTHNEAREST CITY: SANTA FE - CERRILLOSCODE:

LOCATION: _____

CODE:
TOWNSHIP RANGE SECTION TRACTSpH= 6.97; Conductivity= 710 umho/cm at 22 °C; Chlorine Residual= _____
Dissolved Oxygen= _____ mg/l; Alkalinity= _____; Flow Rate= _____Sampling Location, Methods and Remarks (i.e. odors, etc.)
HORSE RANCH. SEPTIC 7300' DOWN GRADIENT. TASTES MUSTY + CLAYEY.
WELL 200 gpm, TO 70', WATER LEVEL 16'I certify that the statements in this block accurately reflect the results of my field analyses, observations and activities. Ami BaileyMethod of shipment to the Laboratory Hand carriedThis form accompanies 2 Septum Vials, _____ Glass Jugs, _____

Containers are marked as follows to indicate preservation:

- ☐ NP: No preservation; sample stored at room temperature.
☒ P-Ice Sample stored in an ice bath (not frozen).
☐ P-Na₂S₂O₃; Sample preserved with Na₂S₂O₃ to remove chlorine residual.

I (we) certify that this sample was transferred from _____
to _____ at (location) _____ on _____
_____/_____/_____-_____: _____ and that the statements in this block are correct.
DATE AND TIME

Evidentiary Seals: Not Sealed ☐ Seals Intact: Yes ☐ No ☐

Signatures _____

(we) certify that this sample was transferred from _____
to _____ at (location) _____ on _____
_____/_____/_____-_____: _____ and that the statements in this block are correct.
DATE AND TIME

Evidentiary Seals: Not Sealed ☐ Seals Intact: Yes ☐ No ☐

Signatures _____

PLEASE CHECK THE APPROPRIATE BOXES BELOW TO INDICATE THE TYPE OF ANALYTICAL SCREENS REQUIRED. WHENEVER POSSIBLE LIST SPECIFIC COMPOUNDS SUSPECTED OR REQUIRED.

THE TYPE OF ANALYTICAL SCREENS
SUSPECTED OR REQUIRED.

QUALITATIVE		QUANTITATIVE		PURGEABLE SCREENS	QUALITATIVE		QUANTITATIVE		EXTRACTABLE SCREENS
				ALIPHATIC HYDROCARBON SCREEN					ALIPHATIC HYDROCARBONS
X	X			AROMATIC HYDROCARBON SCREEN					CHLORINATED HYDROCARBON PESTICIDES
X	X			HALOGENATED HYDROCARBON SCREEN					CHLOROPHENOXY ACID HERBICIDES
				GAS CHROMATOGRAPH/MASS SPECTROMETER					HYDROCARBON FUEL SCREEN
X	X			HEAD TEST					ORGANOPHOSPHATE PESTICIDES
									POLYCHLORINATED BIPHENYLS (PCB's)
									POLYNUCLEAR AROMATIC HYDROCARBONS
									TRIAZINE HERBICIDES
				SPECIFIC COMPOUNDS					SPECIFIC COMPOUNDS

REMARKS:

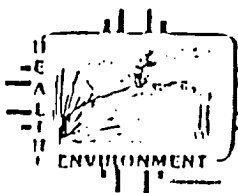
ANALYTICAL RESULTS

COMPOUND	[PPB]	COMPOUND	[PPB]
arom. purg. screen	N.D.*		
halo. purg. screen	N.D.*		
		* DETECTION LIMIT	1 ug/ml/g

REMARKS: No purgables detected.*

CERTIFICATE OF ANALYTICAL PERSONNEL

Seal(s) Intact: Yes NO X. Seal(s) broken by: _____ date: _____
I certify that I followed standard laboratory procedures on handling and analysis of this sample unless otherwise noted and that the statements in this block and the analytical data on this page accurately reflect the analytical results for this sample.
Date(s) of analysis: 12 Aug 85. Analyst's signature: [Signature]
I certify that I have reviewed and concur with the analytical results for this sample and with the statements in this block. Reviewers signature: [Signature]



STATE OF NEW MEXICO

85-0821-C

C LABORATORY DIVISION

700 Camino de Salud NE
Albuquerque, NM 87106 841-2570REPORT TO:
PLEASE PRINT

DAVID G. BOYER

NEW MEXICO OIL CONSERVATION DIV.

P.O. BOX 2088

SANTA FE, NM 87501

S.L.D. No.:

OR-821-17.3

DATE REC.:

8/09/85

SLD PRIORITY #:

PHONE(S):

827-5812

USER CODE:

8 2 2 3 5

SUBMITTER:

DAVID BOYER

SUBMITTER CODE:

| | | | |

SAMPLE TYPE:

WATER ☐SOIL ☐OTHER ^{DRILLING} FLUID

SAMPLE TYPE CODE:

| | |

COLLECTED:

8/8/85 - 10:50

BY JB/RJ

CODE:

8 5 0 8 0 8 1 0 5 0 | | | | |

DATE

TIME

INITIALS

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SOURCE:

PHACE OIL CO. PINON UNIT #2

CODE:

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AQUIFER

DEPTH

NEAREST CITY:

SANTA FE - CERRILLOS

CODE:

| | | | |

LOCATION:

MUD PIT ARAPAHO RIG II

CODE:

| | | | | | | | | | |

TOWNSHIP

RANGE

SECTION TRACTS

pH=

7.07

Conductivity=

1500 umho/cm

at

27 °C

Chlorine Residual=

Dissolved Oxygen=

mg/l

Alkalinity=

Flow Rate=

Sampling Location, Methods and Remarks (i.e. odors, etc.)

O/G WELL BEING DRILLED 1/4 MI UPGRADE FROM OWEN RANCH. MUD ADDITIVES: GEL, STARCH, TREE BARK, SODA ASH, PARA FORMALDEHYDE, CAUSTIC SODA. HYDRAULIC + ENGINE OILS ON PIT SURFACE; SURFACE CASING CEMENTED; PITS LINED WITH PLASTIC

I certify that the statements in this block accurately reflect the results of my field analyses, observations and activities.

Method of shipment to the Laboratory

Hand Carried

This form accompanies

2 Septum Vials,

Glass Jugs,

Containers are marked as follows to indicate preservation:

☐

NP:

No preservation; sample stored at room temperature.

☒

P-Ice

Sample stored in an ice bath (not frozen).

☐P-Na₂S₂O₃:Sample preserved with Na₂S₂O₃ to remove chlorine residual.

I (we) certify that this sample was transferred from

to

at (location)

on

and that the statements in this block are correct.

DATE AND TIME

Evidentiary Seals: Not Sealed ☐Seals Intact: Yes ☐No ☐

Signatures

(we) certify that this sample was transferred from

to

at (location)

on

and that the statements in this block are correct.

DATE AND TIME

Evidentiary Seals: Not Sealed ☐Seals Intact: Yes ☐No ☐

Signatures

ANALYSES REQUESTED

PLEASE CHECK THE APPROPRIATE BOXES BELOW TO INDICATE THE TYPE OF ANALYTICAL SCREENS REQUIRED. WHENEVER POSSIBLE LIST SPECIFIC COMPOUNDS SUSPECTED OR REQUIRED.

LAB. No.: ORG- 821

QUALITATIVE	QUANTITATIVE	PURGEABLE SCREENS	QUALITATIVE	QUANTITATIVE	EXTRACTABLE SCREENS
		ALIPHATIC HYDROCARBON SCREEN			ALIPHATIC HYDROCARBONS
X	X	AROMATIC HYDROCARBON SCREEN			CHLORINATED HYDROCARBON PESTICIDES
X	X	HALOGENATED HYDROCARBON SCREEN			CHLOROPHENOXY ACID HERBICIDES
		GAS CHROMATOGRAPH/MASS SPECTROMETER			HYDROCARBON FUEL SCREEN
X	X	HEAD TEST			ORGANOPHOSPHATE PESTICIDES
					POLYCHLORINATED BIPHENYLS (PCB's)
					POLYNUCLEAR AROMATIC HYDROCARBONS
					TRIAZINE HERBICIDES
		SPECIFIC COMPOUNDS			SPECIFIC COMPOUNDS

REMARKS:

ANALYTICAL RESULTS

COMPOUND	[PPB]	COMPOUND	[PPB]
halo. purg. screen	N.D.*		
benzene	190		
toluene	310		
ethyl benzene	16		
p-xylene	20		
m-xylene	77		
o-xylene	26		
		* DETECTION LIMIT	10 ppm/l

REMARKS:

CERTIFICATE OF ANALYTICAL PERSONNEL

Seal(s) Intact: Yes ___ NO X. Seal(s) broken by: _____ date: _____
 I certify that I followed standard laboratory procedures on handling and analysis of this sample unless otherwise noted and that the statements in this block and the analytical data on this page accurately reflect the analytical results for this sample.
 Date(s) of analysis: 12 Aug 85. Analyst's signature: [Signature]
 I certify that I have reviewed and concur with the analytical results for this sample and with the statements in this block. Reviewers signature: _____