

Analytical Service Request & Chain of Custody Record for Environmental Samples page ___ of ___

Report to: APRIL STEGALL
 Company: DOMINION ENERGY WEXPRO
 Address: PO BOX 4508, 2221 WESTGATE DRIVE
 City, ST, Zip: ROCK SPRINGS, WY 82901
 Phone: 307-352-7541 Fax: 307-352-7583
 Email: April.Stegall@dominionenergy.com
 Prefer Results by: Fax ☒ (Email) ☐ Hard Copy ☐ (circle all that apply)

Please
PRINT
all
information

Wyoming Analytical Laboratories, Inc
 1660 Harrison St
 Laramie, WY 82070
 307-742-7995
 Fax 307-721-8956
 wallaramie@aol.com
 625 Center St
 Rock Springs, WY 82901
 307-362-3176
 Fax 307-362-3581
 walrspgs@aol.com

			Organics			Inorganics			Metals			Notes / Lab No.				
Sample ID	Date/Time	Matrix*	# of containers	Preservation**	custody seals?	(circle) SVOA, BNA (PAH) by GC-MS 8270	(circle) VOA (BTEX, GRO) by GC-MS 8260	(circle) Fuel ID by GC 8015	(circle) TPH	(circle) 418.1, 1664, 8015, 8260	F, Cl, NO2, NO3, NO2+NO3, Br, PO4, SO4, NH3 (circle)	Alkalinity, pH, cond, TDS, TSS, Turbidity (circle)	TOC, BOD, COD, H2S, Specific Gravity (circle)	522 below	As Rec'd, Total, Dissolved, TCLP, WyoLeach. (circle)	Group 1, Ba, RCRA, TRI, Cu, Pb, Hg (List Below) (circle)
1 Sample #1 100031	8/10 4:10 pm	S	1			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>								
2																
3																
4																
5																
6																
7																
8																
9																
10																

Relinquished 1st
 Print Name: April Stegall
 Signature: [Signature]
 Date/Time: 8/10 4:10 pm
 Shipped VIA: OTC

Received 1st
 Print Name: Hope McCoy
 Signature: [Signature]
 Date/Time: 8/10/17 1610

Relinquished 2nd
 Print Name:
 Signature:
 Date/Time:
 Shipped VIA:

Received 2nd
 Print Name:
 Signature:
 Date/Time:

Special Instructions / Comments:
KEEP COOL
 Metals: soluble boron, total (RCRA, Ni, Cu, Zn), Cr4, calculate Cr3
 Inorganics: (saturated paste) Ca, Mg, Na, SAR, pH, conductivity

WAL use only: Record discrepancies in sample condition upon receipt on WAL Doc#228 - SCUR

2.8°C

* witnessed by coagcc
Kris Neidel

Date: 8/10/17

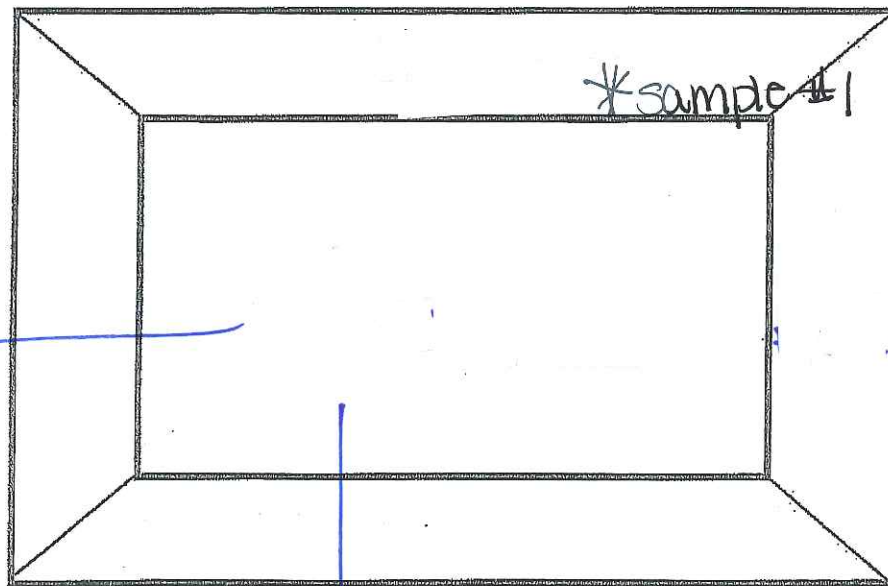
COLORADO PIT CLOSURE - SAMPLING MAP

WELL NAME: JO Donnell 5-100634

LEGEND

- ★ Pit Low Point - Sample Point
- Pit Side Wall - Sample Point
- Off Site - Sample Points (3)

Remember to put GPS coordinates
on all sample sites



Sample #1 aps: 40.97568, -108.31767
Depth: approximately 6'

Possible
line entrance
No SSD



Soil: top - 2" was gravel, 2"-4' was sand,
black pit contents at 4', sample of
pit contents taken at 6', Kris Neidel
agreed to Tpit only as appeared to be
exceedance & remediation may be
necessary

X-No offsites needed

facility 100634

Legend

- MFS 20-1
- sample

SAMPLE #1 (40.97568, -108.31767)

JC DONNELL 5



facility 100634

Legend

- MFS 20-1
- sample

SAMPLE #1 (40.97568, -108.31767)

JC DONNELL 5

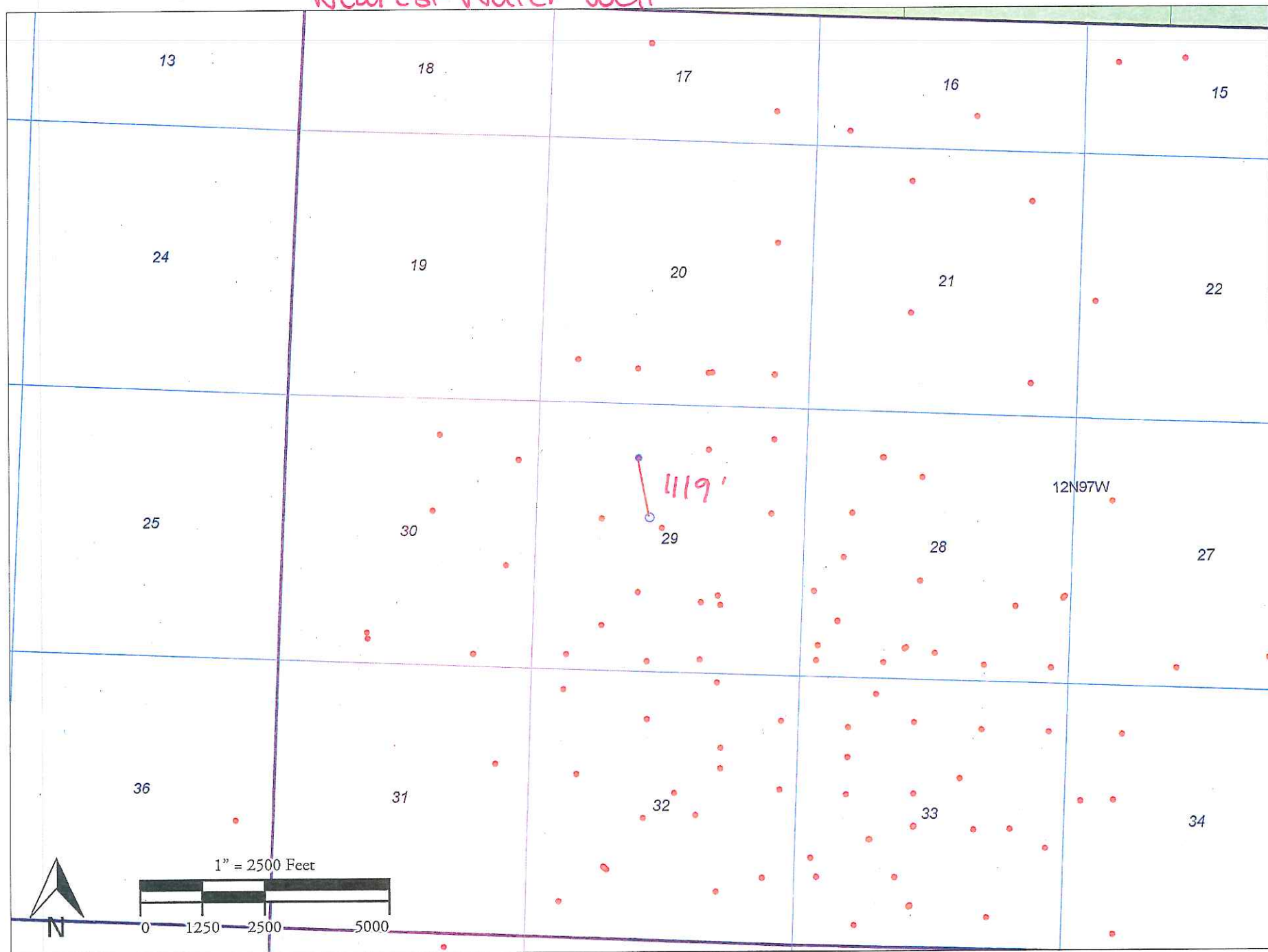
Google earth

Image U.S. Geological Survey



100 ft

Nearest water well



TYPE OR
PRINT IN BLACK INK.
COPY OF ACCEPTED
STATEMENT MAILED
ON REQUEST.

SPCR

RECEIVED

COLORADO DIVISION OF WATER RESOURCES

APR -9 1986

818 Centennial Bldg., 1313 Sherman St.

Denver, Colorado 80203

WATER RESOURCES
STATE-ENGINEER
AFF MOWAT

STATE OF COLORADO

COUNTY OF MOFFAT

SS.

X STATEMENT OF BENEFICIAL USE OF GROUND WATER
AMENDMENT OF EXISTING RECORD
LATE REGISTRATION

PERMIT NUMBER

LOCATION OF WELL

THE AFFIANT(S) Celsus Energy Company

County

Moffat

whose mailing
address is P. O. Box 458

SE 1/4 of the NW 1/4, Section 29

City Rock Springs, Wyoming 82902

(STATE)

(ZIP)

Twp. 12 N. Rng. 97 W. 6th P.M.
(IN OR S)

being duly sworn upon oath, deposes and says that he (they) is (are) the owner(s) of the well described hereon; the well is located as described above, at distances of 2243 feet from the N section line and 2262 feet from the

W section line; water from this well was first applied to a beneficial use for the purpose(s) described herein on the 25 day of September, 1985; the maximum sustained pumping rate of the well is 105 gallons per minute, the pumping rate claimed hereby is 105 gallons per minute; the total depth of the well is 830 feet; the average annual amount

of water to be diverted is 23 acre-feet; for which claim is hereby made for drilling fluid for an oil/gas well purpose(s); the legal description of the land on which the water from this well is used is

SE NW of Section 29, T 12 N, R 97 W of which

-0- acres are irrigated and which is illustrated on the map on the reverse side of this form; that this well was completed in compliance with the permit approved therefore; this statement of beneficial use of ground water is filed in compliance with law; he (they) has (have) read the statements made hereon; knows the content thereof; and that the same are true of his (their) knowledge.

(COMPLETE REVERSE SIDE OF THIS FORM)

Signature(s) C. J. Mauer

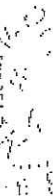
5-15-92

Subscribed and sworn

to before me on this 31st day of March, 1986

My Commission expires:

March 7, 1989



J. H. Latta

NOTARY PUBLIC

ACCEPTED FOR FILING BY THE STATE ENGINEER OF COLORADO
PURSUANT TO THE FOLLOWING CONDITIONS:

Accepted that those conditions of approval as
stated on the permit are complied with. 6-12-92

4-30-86 FOR OFFICE USE ONLY

Court Case No.

Prior. Mo. Day Yr.

Div. 6 City. 41

Sec. 1/4 1/4 1/4

Well Use

Dist. 55 Basin

Man. Dis.

JUN 12 1992

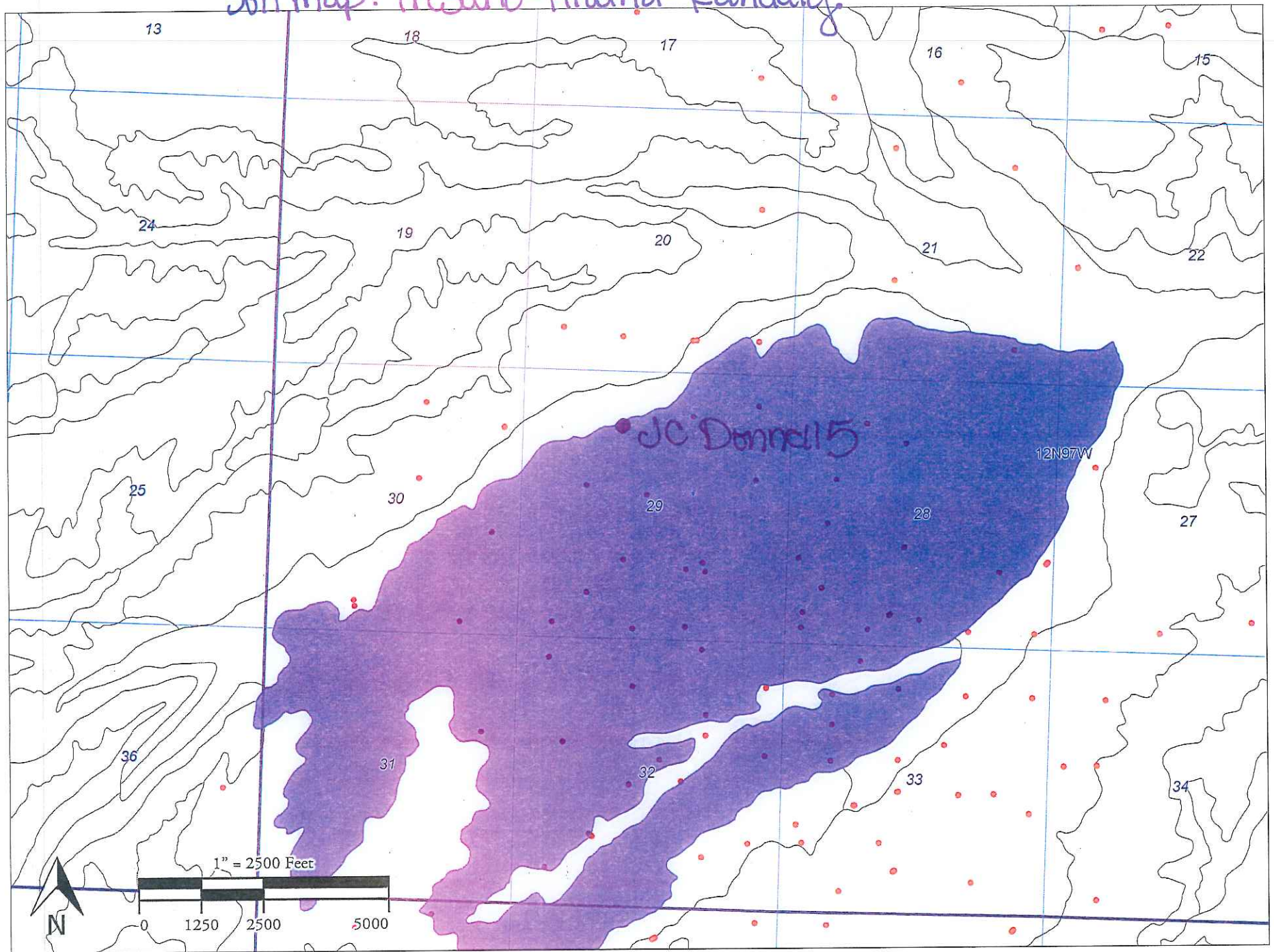
DATE

ACTING STATE ENGINEER

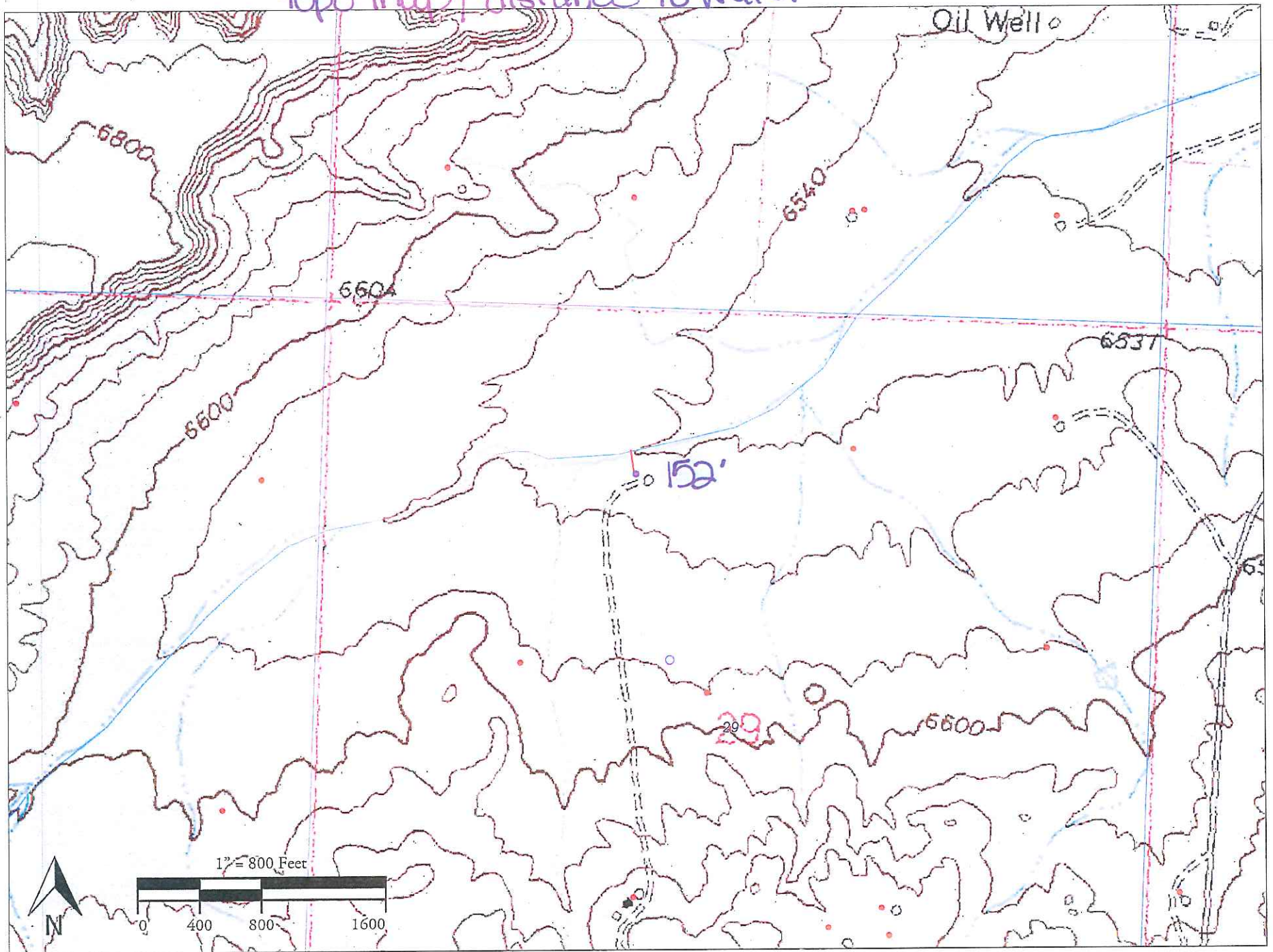
Bruce E. DeBour

BY

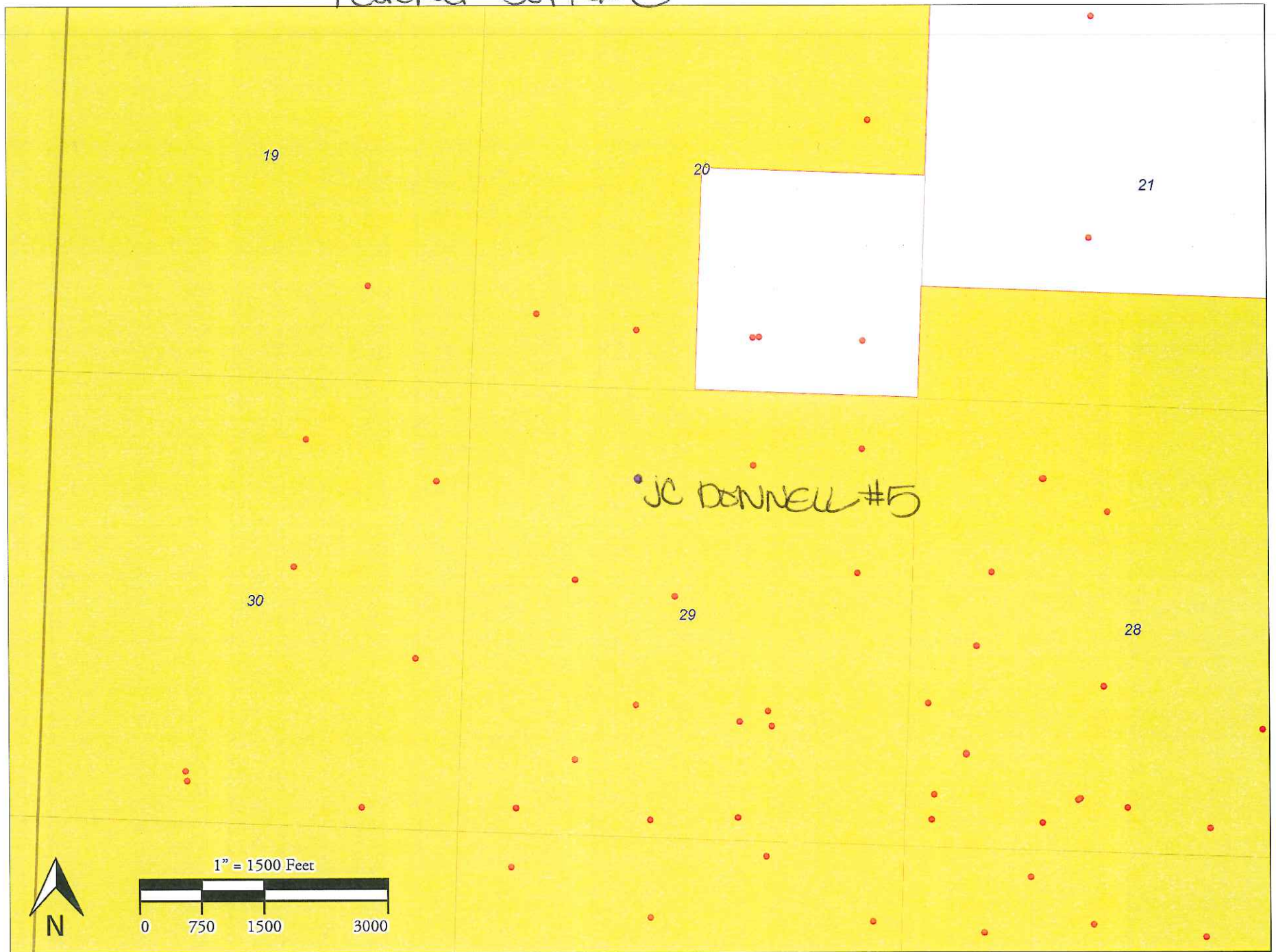
Soil map: Tresano-Hiatha-Kandalu



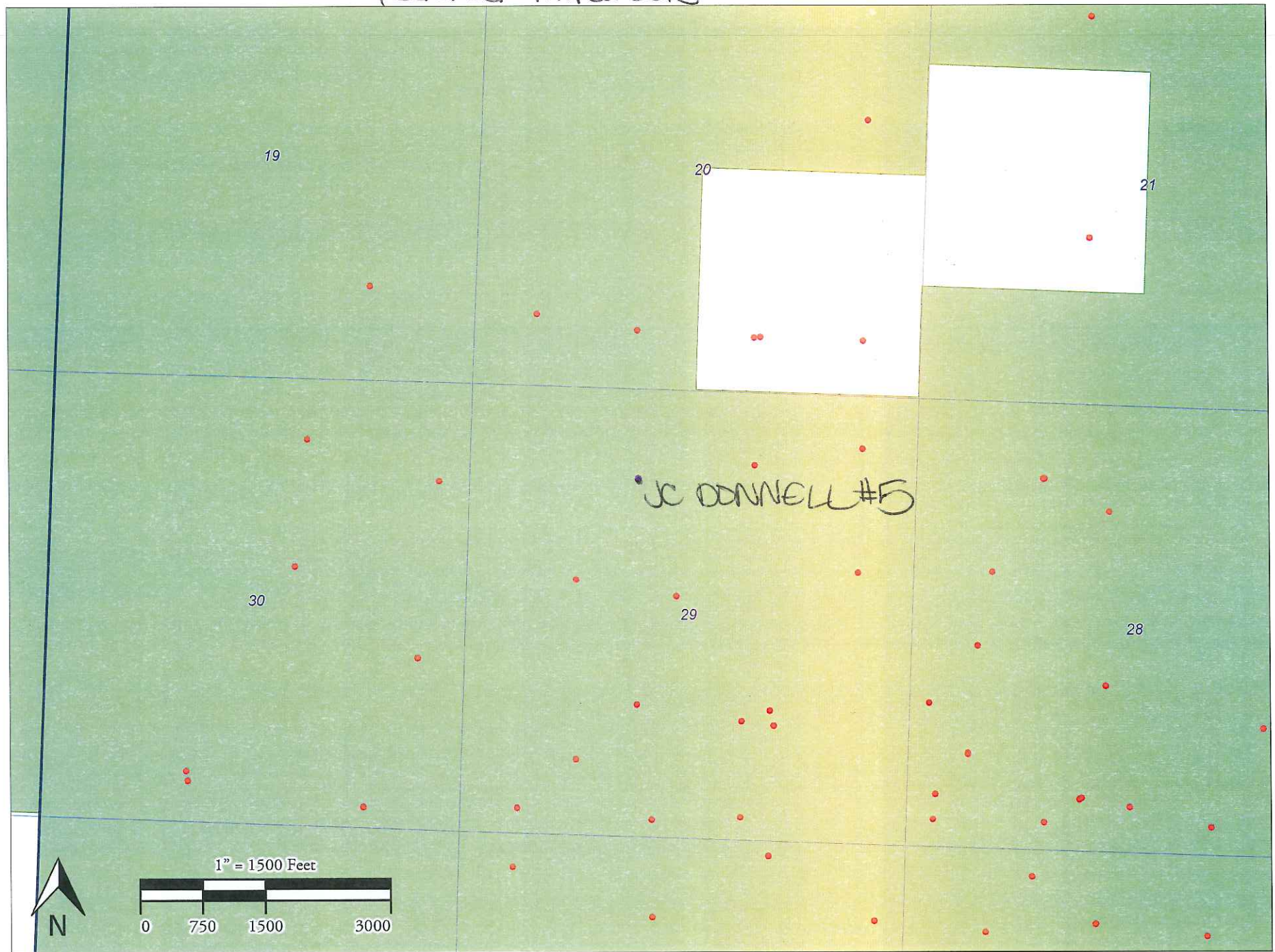
topo map / distance to water



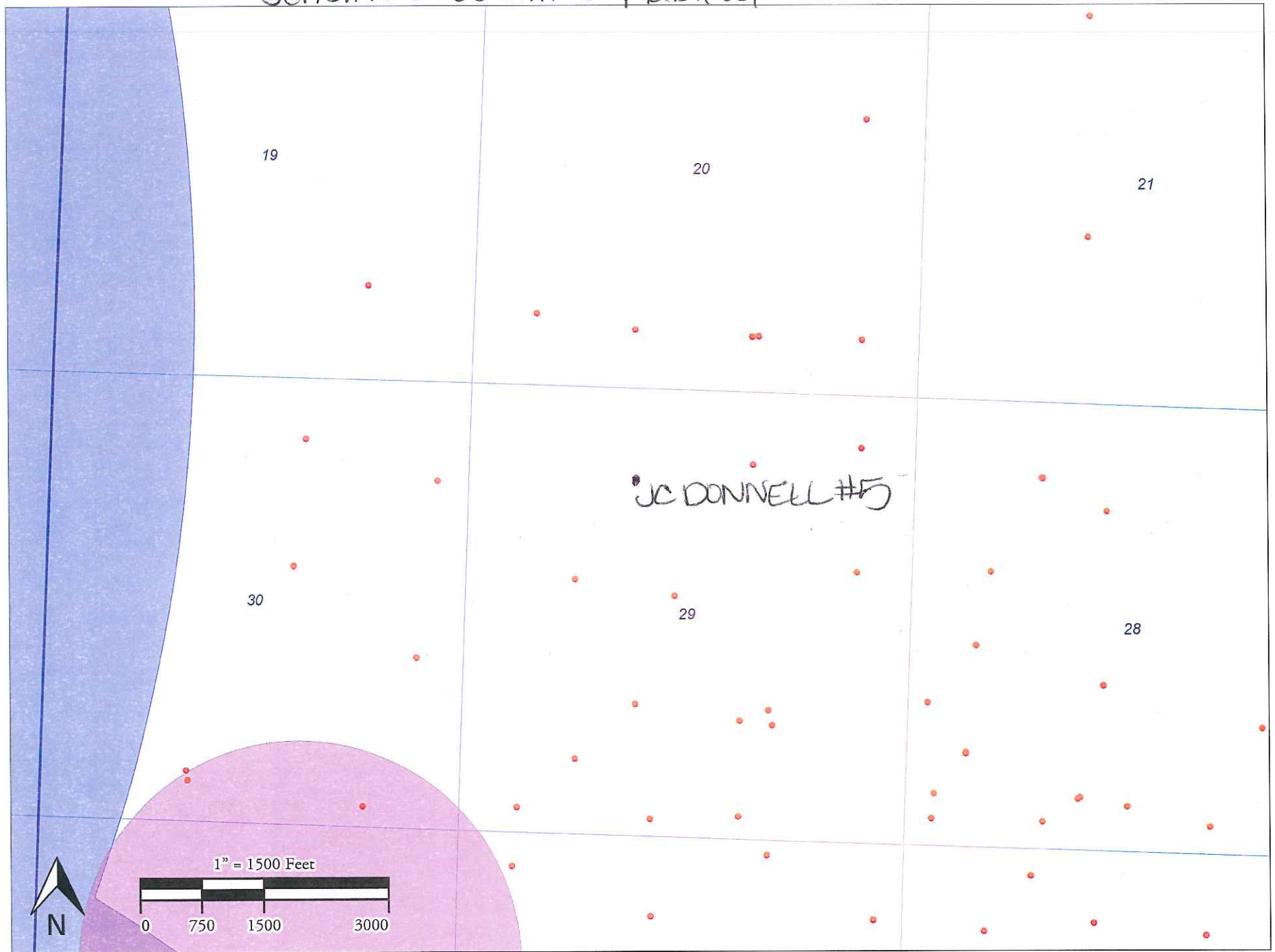
Federal Surface



Federal minerals



sensitive wildlife habitat





Wexpro Company
2221 Westgate Dr.
P.O. Box 458
Rock Springs, WY 82902
Tel (307) 352-7500
Fax (307) 352-7575

Jimmy L. Druce
General Manager
Direct: (307) 352-7555
Jimmy.Druce@questar.com

5/19/2016

Kris Neidel
COGCC
1120 Lincoln St., Suite 801
Denver, CO 80203

Pit Maintenance and History in Wexpro Company Hiawatha/Powder Wash fields

Dear Mr. Neidel:

I worked as an Operator/Chief Operator in Colorado's Powder Wash and Hiawatha fields for Wexpro Company between the years of 1984 and 2002. Upon my hiring, Carl Foster, who also worked for Wexpro, taught myself and the other operators procedures for production/water drain pit cleaning/maintenance.

The procedures were as follows; For several years pit with visible oil in them were either burned or soaked with hot water and skimmed. Burning of the pits was standard until regulations prohibited the practice.

When soaking and skimming would occur, hot water would be added to the pits. After the addition of hot water to the pits, the pits were allowed to "soak" for a minimum of 3 hours, allowing the oil to separate from the water and come to the surface. After the oil and water separated, the oil would be skimmed off via tanker truck and the pits drained of water. Oil skimmed from the pits would be added to the condensate tanks, and the water would be added to the water tanks or hauled for disposal at a commercial source. This process was repeated continuously until there was no more visible oil in the pits.

This procedure was passed along during and after my departure from the Hiawatha and Powder Wash fields, and continues to be used today.

Kind regards,


Jimmy Druce
General Manager

For questions, please call April Stegall at 307-352-7561 or 307-371-3610.

The net present value (NPV) of an Asset Retirement Obligation (ARO) is calculated by using different banking rates and the life of the asset. This NPV is then booked in the accounting records as an asset and a liability. The future value (FV), based on the life of the asset is calculated. On a monthly basis the ARO asset is reduced with depreciation and the ARO liability is increased by accretion. The ARO asset will be depreciated until the value of the asset is zero and the liability will be accreted until it reaches the FV of the asset. The accretion and depreciation items are booked as expense items. These expenses are totaled and funds are deposited into a trust account. These funds are set aside for the actual abandonment of the asset at the end of its life. AROs are periodically evaluated and if a change is determined to be needed, an adjusting entry to increase or decrease the ARO is made.

-Aaron Rose, Supervisor Accounting, Wexpro Company

In short, if Wexpro Company is given approval to leave the backfilled pit in place until plugging and abandonment of the associated well, additional funds will be set aside over time to account for the cost of remediation of the pit, as opposed to being charged to the producing well, which may make the well un-economic to produce, therefore resulting in the early plugging and abandonment of the well.

arsenic map

previously tested arsenic samples

Legend

JC DONNELL 5

JC DONNELL 7 (1.10, 0.94, 1.96, 5.16)

JACKS DRAW 2 (1.7, 1.28, 1.37, 1.27, 0.737)

JACKS DRAW 16 (5.35, 3.97, 5.35, 3.97, 5.05, 6.59)

CARL ALLEN 7 (0.74, 0.95, 1.05, 2.41, 1.9)

JC DONNELL 9 (4.42)

HW STEWART 4 (5.76)

CARL ALLEN 9 (0.27)

CARL ALLEN 14 (3.72, 3.84, 4.69, 3.80, 1.63)

RL ALLEN 8 (4.34, 6.22, 3.72, 7.30)

CARL ALLEN 30/31 (1.65)

CARL ALLEN 17 (0.16)

ACE 1 (4.99, 4.08, 4.52, 3.61, 2.63, 4.38, 4.38)

MUSSER 35 (<0.001)

MUSSER 19 (1.36, 1.60, 1.41, 1.71, 2.11)

BW MUSSER 22 (1.34, 1.33)

MUSSER 6 (1.96, <0.1, <0.1, 5.20, 7.4)

Google earth

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1 mi