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GENERAL CORRESPONDENCE

YEAR(S):

1995

State of New Mexico
ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT
Santa Fe, New Mexico 87505

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

MEMORANDUM OF MEETING OR CONVERSATION

☒ Telephone ☐ Personal	Time 0830	Date 2/9/95
Originating Party		**Other Parties**
Denny Foust - OCD Aztec		Bill Olson - Envir. Bureau

Subject

J. Borgin #1 Well Site

Discussion

Wants to know if they can recontour site after P&A of well based on OCD's 1/31/95 sampling investigation at the site. Landowner wants fence put back.

He faxed analytic results of TPH sampling of 1/31/95

Conclusions or Agreements

No action needed based on site investigation
Gave verbal approval to recontour site
I will prepare report on the investigation

Distribution

file

Signed Bill Olson

1/24 Quality Brine Tatum Station

arrived at 1645 hrs

inspected pit directly east of pump house

pit had approx 4-6" of fluid (water & oil)

hydrocarbon stain on walls show it recently was approx 2-3 feet deep with fluid

looks like a truck was washed out into the pit

Most of pit fluids appear to have seeped into ground

Shallow ground water in area

1/31/95 J. Bergin #1 Well

arrived at 0830 with Denny Foust - OCD Aztec

abandoned well location drilled 1928 abandoned with wood plug and cement cap

OCD plugged under emergency contract on 1/3/95

location unit G sec. 21, T29N R11W

performed soil survey of area adjacent to abandonment marker (see map)

Augered holes with hand auger

Decontamined between holes

Surveyed soils with PID (calibrated on site) (see logs)

Also sampled for TPH as on logs

J. Bergin #1

Auger hole 1

0-2' brown silty sand
PID (1') = 1.3 ppm
bgd = 0.5 ppm
0-6' grey clayey sand HC odor ?
PID (4') = 3.2 ppm, bgd = 0.5 ppm
TPH sample taken at 4'
id # 950131945

6-8' grey silty clay HC odor ?

9'-12' grey silty sand HC odor ?
PID (9') = 5.5 ppm, bgd = 1.3 ppm
TPH sample at 9'
sample id 9501311015

12'-18' brown/tan med.-coarse sand no odor
iron staining
PID (14') = 4.0 ppm
bgd = 1.5 ppm

TPH sample at 14'
sample ID = 9501311100

J. Bergin #1

19' - tan clayey sand no odor
PID (19') = 1.9 ppm
bgd = 0 ppm

TPH sample at 19'
sample id = 9501311230

Attempted 4 auger holes approx. 35 feet SF of abandonment marker (see map)

Hit gravel layer at 1-2' depth in each hole
Auger refusal

First 1' - silty clay, brown
no odor
1-2' - dry silty sand, tan
some iron streaking

Auger hole #2 approx 35' South of abandd. marker

0-1' clayey brown silt no odor
PID(1') = 0 ppm
bgrd = 0 ppm
TPH(1') sample id =

1-9' sandy silt, light tan, dry, no odor
PID(9') = 0 ppm
bgrd = 0 ppm
TPH(9') sample id =

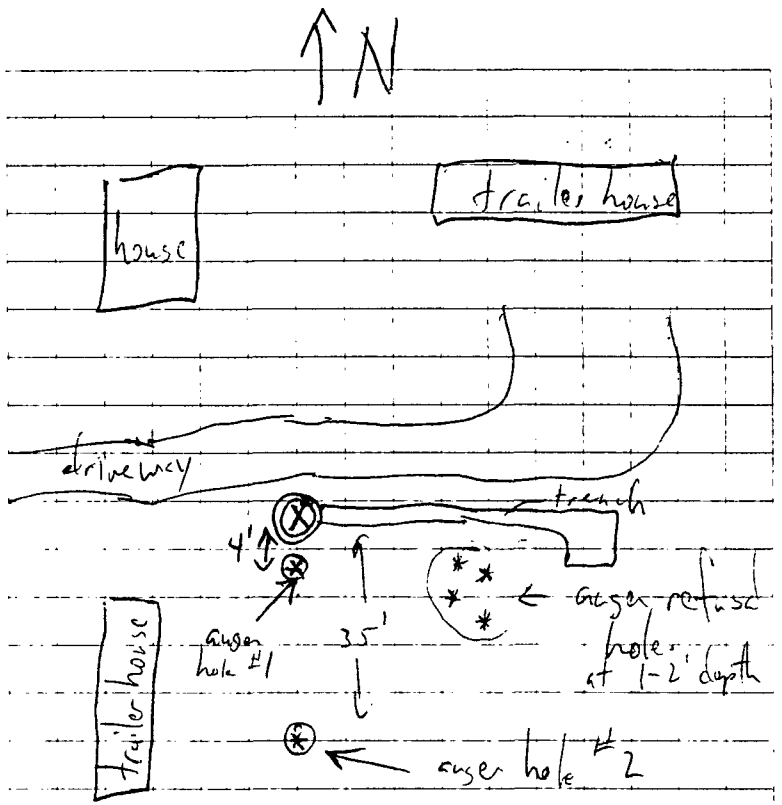
9-10' light brown silty clay no odor, slight moisture

10'-17' tan, med-coarse sand slight moisture no odor occasional thin silty clay interbedded

PID(14') = 0 ppm bgrd = 0
TPH(14') sample id =

PID(19') = 0 ppm bgrd = 0
TPH(19') sample id = 9501317345

checked calibration, cal = 94.0 ppm



J Bergin #1
site map

Bill Olson

JANUARY 11, 1995

ENVIRONMENTAL NOTES: Denny Foust

RE: Remediation at Bergin #1 Well, F-21-29N-11W, City of Bloomfield, NM

The Bergin #1 well is located at 324 North Bergin Lane in Bloomfield on a property owned by Tom Vessels. This Well was drilled in 1925. The Oil Conservation Division re-entered and plugged this well on January 4, 1995 utilizing an emergency contract from the Reclamation Fund. Due to the presence of a water flow and some gas associated with this flow a site assessment will be necessary to determine if any remediation will be required at the well site. OCD proposes to hand auger three to four holes on the surface down gradient side of the well head. We will determine the depth of contamination utilizing headspace testing and soil samples as needed. If groundwater has been impacted further testing may be necessary. Assuming only soils are affected soils will either be left in place or excavated and landfarmed based on risk assessment.