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REPORTS

DATE: 1982



STATE OF NEW MEXICO ENERGY AND MINERALS DEPARMENT

OIL CONSERVATION DIVISION AZTEC DISTRICT OFFICE

1000 RIO BRAZOS ROAD AZTEC, NEW MEXICO 87410 (505) 334-6178

REPORT OF

ACTIVITIES PERFORMED BY THE OIL CONSERVATION

DIVISION TO LOCATE AND STOP THE GAS SEEP

OCCURRING ON CAMINO RIO IN FARMINGTON

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NARRATIVE OF ACTIVITIES

Activities performed by the Oil Conservation Division, Aztec Office, to locate and stop the gas seep occuring on Camino Rio in Farmington

On November 16, 1981 Mr. John Horn notified this office that the Gas Company of New Mexico had detected a gas leak in the yards of houses at 2109 Camino Rio and 2113 Camino Rio. He told us that they had been looking for the source of the gas and had determined that it was not their lines. They suspected that a gas well in the vicinity might be leaking gas. I assigned the problem to Mr. Charles Gholson. He researched our files and found a record of a plugged and abandoned well in a swampy area about 400' from the gas seeps (See map #1). On November 23 he spent three hours looking for the well but did not find it. On November 25 we were informed that the homes had been evacuated and we made another effort to locate the old well. Mr. Jeff Edmister, Mr. Gholson, and I went to the location and met Mr. Horn and Mr. Jim Furr. We spent an hour looking for the old well but did not find it. At this point we thought it best to hire a surveyor to stake the well location based on the original surveyor's plat. We asked Mr. Fred Kerr to spot the site. That evening he contacted me and told me that according to his old field notes the well was not below the bluff in the swampy area, as stated on the survey, but on the bluff in the housing development. Mr. Kerr estimated the old well location and spotted it for us.

After several phone calls we located the original surveyor's records in Durango, Colorado. These records did not contain any references to the well. We contacted the following people: Mr. Bill Allan, Jr., son of the original land owner; Mrs. Floyd West, wife of the driller; and relatives of Locke and Taylor, the primary lease holders. These people recalled the well's being on the bluff but they could not remember its exact location. We called Mossman-Gladden, the original developers in the area, and they could find no records of a well in their surveys. Bureau of Mines had the same location we had for the well. We also researched the records in the Farmington city government offices. Locally, we found old maps and aerial photos of the area. Through the Techology Applications Center of the University of New Mexico, we located aerial photos at the United States Minerals Management Service Aerial Photo Center in Denver, Colorado and United States Department of Agriculture Aerial Photo Center in North Dakota. We used a metal detector in the area to try to locate the old casing. None of these resources provided much information. Finally, with the aid of Mr. Bill Allan, Jr. and Mr. Ivan Campbell, a resident of the area, we were able to determine that the old well was probably in the back yard of the

Nettleton home at 2201 Camino Rio. We checked the yard with a metal detector, with no success. Upon digging with a backhoe we discovered drilling mud and cuttings, reinforcing the idea of the well's location. After a day and a half of digging we located the old well bore.

The next week was spent rigging up and attempting to reenter the old well bore. We were unsuccessful in our attempt to drill through boulders. We rigged down the rotary equipment and rigged up cable tool drilling equipment, drilled through the boulders, set pipe, and came back to the well with rotary tools. We drilled through the shallow producing formation at about 300' and squeezed 135 sacks of cement into the hole to plug it. The gas levels at the evacuated houses dropped significantly for a period of one week, then returned to their previous levels.

We determined that there was a possibility that the well was not the source of the gas, but might have to be reentered a second time. In order to get the best advice possible we called a meeting and invited some local experts to give us their opinions. We held this meeting in Aztec on January 25, 1982. We decided to reenter the well and squeeze more cement into different intervals of the well bore.

We reentered the well on January 30, 1982, and drilled to 957'. We ran casing, perforated, and squeezed cement into several zones which might contain gas. At one point we pumped 4,233 barrels of water into a shallow zone. We ultimately pumped 1500 sacks of cement into the well, with no success in shutting off the gas flow. During this period the flow was constantly monitored by the Gas Company of New Mexico or our office.

We decided that this well was not the source, but was part of an underground system which contained gas.

We met with City of Farmington representatives and decided to drill some monitor holes to try to locate a possible source based on gas saturation. This technique did not work.

We continued to monitor the gas levels in the yards and during this time discovered that the gas levels in the crawl spaces of the houses were not atmospheric readings, but readings from probe holes punched in the earth at the openings of the crawl spaces. Our samples of air from the crawl spaces yielded no detectable gas on our instrument. We talked to the fire chief about this and the possibility of the homeowners' returning, as the gas levels were not

explosive.

We decided to install vent pipes in the yards near the points of highest gas saturation. Our final action was to install these vents on April 27, 1982. Since then the gas levels have decreased slightly. We will monitor these levels periodically.

January 25, 198 Aztec Oil Conservation Division offce

ROSTER:

Mr. Don Walker El Paso Natural Gas Company Mr. Bob Fielder Southland Royalty Company Dugan FIDUGAN Production

Merrion Oil and Gas Congress

Walsh Engineering

Bloomfield Oilfield Service

Bloomfield Oilfield Service

OCD Santa Fe

Santa Fe Dugan Production Corporation Mr. Jim Jacobs Dugan Production Corporation Mr. Tom Dugan Mr. Gregg Merrion Merrion Oil and Gas Corporation Mr. Ewell Walsh Mr. Jake Hatcher Mr. Earl Martinez OCD Santa Fe
OCD Santa Fe
OCD Santa Fe
OCD Aztec
OCD Aztec Mr. Joe D. Ramey Mr. Richard Stamets Mr. Perry Pearce Mr. Frank T. Chavez Mr. Charles Gholson Mr. Jeff Edmister OCD Aztec

At this meeting we discussed the gas seep and previous plugging procedure. We determined that if the well was the source of the gas it would have to be reentered and replugged.

February 15, 1982 Aztec Oil Conservation Division office

ROSTER:

Mr. Ewell Walsh Walsh Engineering
Mr. Gilman G. Nelson Walsh Engineering
Mr. Frank T. Chavez OCD Aztec
Mr. Charles Gholson OCD Aztec
Mr. Jeff Edmister OCD Aztec

We discussed cement squeeze performed on well and decided to pump water into the formations.

February 23, 1982 Walsh Engineer

ROSTER:

Mr. Ewell Walsh Walsh Engineering
Mr. Gilman Nelson Walsh Engineering
Mr. Joe D. Ramey OCD Santa Fe
Mr. Richard Stamets OCD Santa Fe
Mr. Perry Pearce OCD Santa Fe
Mr. Michael Stogner OCD Santa Fe
Mr. Frank T. Chavez OCD Aztec
Mr. Jeff Edmister OCD Aztec

We discussed the final plugging operations on the well and decided to plug and abandon the well and monitor the gas readings.

March 17, 1982 Farmington City office

ROSTER:

Mr. William Manchester City of Farmington Mr. Dwight Arthur City of Farmington Mr. Richard Stamets OCD Santa Fe Mr. Perry Pearce OCD Santa Fe Mr. Frank T. Chavez OCD Aztec Mr. Charles Gholson OCD Aztec Mr. Jeff Edmister OCD Aztec

We decided to drill some probe holes in the street to help locate the source of the gas.

March 18, 1982 Farmington City office

ROSTER:

Mr. Bob Metzler City of Farmington
Mr. Frank Chavez OCD Aztec
Mr. Charles Gholson OCD Aztec
Mr. Jeff Edmister OCD Aztec

We made arrangements for drilling probe holes in the street.

April 8, 1982 Fire Station #1

ROSTER:

Mr. Al Conners City of Farmington

Mr. Frank T. Chavez OCD Aztec
Mr. Charles Gholson OCD Aztec

We discussed the gas monitoring and further testing for gas under the houses.

April 23, 1982 Fire Station #1

ROSTER:

Mr. Al Conners City of Farmington Mr. Bill Manchester City of Farmington Mr. Dwight Arthur City of Farmington

Mr. Bill Davis Gas Company of New Mexico

Mr. Charles Gholson OCD Aztec Mr. Frank T. Chavez OCD Aztec

We discussed the feasibility of allowing the families to return to their homes and the liabilities involved.

May 3, 1982 Farmington City office

ROSTER:

Mr. Bill Manchester
Mr. Al Conners
Mr. Dwight Arthur
Mr. Kenny Carlisle
Mr. John Horn
City of Farmington

Mr. Frank T. Chavez OCD Aztec Mr. Charles Gholson OCD Aztec

We discussed the vent pipes which we installed and letters to the homeowners.

LOCATION MAP OF ALLAN #1

ORIGINAL PLUGGING REPORT

Form C-103 (Revised 3-55)

NEW MEXICO OIL CONSERVATION COMMISSION MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106)

		(A)	ddress)				
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REPORT OF REPLUGGING

Valsh

ENGINEERING & PRODUCTION CORP.

EWELL N. WALSH, P.E.

PETHOLEUM ENGINLERING
RESERVOIR STUDIES
EVALUATIONS
GROLOGICAL STUDIES
LEASE MANAGEMENT
CONTRACT PUMPING
DRILLING SUPERVISION
WOMBOVER SUPERVISION

RE-ENRTY TO SHUT OFF GAS

NEW MEXICO OIL CONSERVATION COMMISSION ALLAN NO. 1 SECTION 23-T29N-R13W San Juan County, New Mexico

March 2, 1982



Ewell N. Walsh, P.E. State of New Mexico Registration No. 4324

RE-ENTRY TO SHUT OFF GAS

NEW MEXICO OIL CONSERVATION COMMISSION
ALLAN NO. 1
SECTION 23-T29N-R13W
San Juan County, New Mexico

1/29/82	Move in back hoe and install $5-1/2$ " and 20", refill and move in rig equipment and rig up.
1/30/82	Continue to rig up. Mix mud and start drilling 4-3, hole at 6:00 AM 1/31/82 with depth of 400'. Drilled 17 hours, viscosity 34, average feet per hour 23.5'

1/31/82 Continue to drill from 400' to 570'. Change bits an drill to 764'. At 6:00 AM viscosity 31, weight 9.1. Drilling rate 4 minutes per foot.

2/1/82 Continue to drill 764' to 957' with bit No. 2 a 4-3/
Circulate, dropped totco and pulled out of h. Su
1/2 degree and rig in hole with 2-7/8" tubin s
casing string. Ran 1 pup and 31 joints measuring
946.59' plus 2 feet land down. Shoe at 948' stop at
938', ran cement at 90 feet. Circulate and rig Dowe
and cement with 10 barrels of mud flush followed by
100 sacks Class "B" neat cement with 2% Calcium
Chloride followed by 1 barrel acid and displace with
water. Plug failed to stop after 1 barrel over. W.O

2/2/82 Continue to wait on cement. Release string and remo landing nipple and blow out preventer equipment.

Install 2-7/8" valve. Ran depth meter to 937'. Clo valve and install bull plug and continue to wait on cement. Remove pipe, drill string, mud and move out rig equipment.

2/3/82 Continue to move out rig equipment and clean locatio Wait on cement.

2/4/82 Rig up wire line unit. Ran Gamma Ray and Correlatio from 936' to surface. Perforate 2 holes per foot fr 850' to 855'. Rig Dowell and fail to break down with 4500 psig. Rerig perforation unit and unit wire line twisted up. Pulled out and cut line at 50 to re-head and secure operations at 5:00 PM.

_ Walsh ENGINEERING & PRODUCTION CO

Page 2												
2/5/82	Re-perforate 850' to 855' with 2 holes per foot. Rig Dowell and break down with 3800 psig. Pick up 100 gallons of HCL and displace to perforations. Wait 1/4 hour. Pump a total of 60 barrels of water followed by 200 sacks Class "B" neat cement with 2% Calcium Chloride mix at 15.6 ppg. Average pump in 1500 lbs. Displace with 9 barrels water and secure well.											
2/8/82	Set cast iron bridge plug at 500' and tested to 4500 psig. Test ok. Perforate 355' to 360' with 2 holes per foot. Breakdown with 4000 psig. Pump 50 barrels water and squeeze perforations with 200 sacks of Class "B" neat cement with 2% Calcium Chloride. Mix 15.6 ppg. Final pumping 800 psig. Displace with 6 barrels of water. Job completed.											
2/11/82	Resqueeze perforations at 355' to 360'. Break down with 2400 psig. Pump 40 barrels water followed by 200 sacks Class "B" Neat cement with 2% Calcium Chloride. Mix at 15.6 ppg. Displace with 6 barrels water. Close in pressure 400 lbs.											
2/15/82	Meeting with New Mexico Oil Conservation Commission on Allan No. 1											
2/18/82	Rig Dowell and break down with 1500 psig. Pumping water at 3 bbm. at 1200 to 1400 psig. Pump 16 hours and a total of 3504 barrels or 147,168 gallons. Check test hole for gas.											
	HOUR HOLE 1 HOLE 2 HOLE 3 HOLE 4 HOLE 5 HOLE 7 8.00 36% 8% 8% 8% 8% 12% 9:30 12% 0% 4% 8% 4% 4% 1:00PM 45% 22% 15% 14% 20% 8%1e 3:00PM 38% 10% 11% 14% 14% 14%1e											
	HOUR HOLE 8 HOLE 9 HOLE 11 9:30 9% 8% 6% 1:00PM 10% 40%lel 4% 3:00PM 4%lel 16%lel 20%lel											
2/19/82	Continue to pump at 2.6 bpm and at 7:00 am pumped 1096 barrels or 46,032 gallons. Check hole for gas.											
	HOUR HOLE 1 HOLE 2 HOLE 3 HOLE 4 HOLE 5 HOLE 7 8:30 50% 15% 18% 18% 18% 14% 12% 1e1											
	HOUR HOLE 8 HOLE 9 HOLE 11 8:30 8% 18% lel 28%lel											
	Continue to pump to 9:00 and shut down pumping. Total barrels 4233, gallons 177,786. Meter reading at starting was 063903 and ending at 049259 (NOTE: meter runs backward). Release mud tand 2/19/82. Walsh Engineering & PRODUCTION CORP.											

Page 3 2/20/82 Checking test hole with gas company. Taking reading on test hole for increase or decrease 2/22/82 with gas company and to Aztec with reports. 2/23/82 Meeting with Santa Fe personel for continuous of well. Asking cementing company for bid on job plus wireline 2/24/82 company for perforation and setting plug. Cor-ordinate move in time to low bider on job. 2/25/82 Move in Gearhart wire line unit. Due to wet weather, called Modern Iron 30 ton crane to set in unit. Rig Halliburton and perform squeeze on perforations at 355' to 360' with 200 sacks Class "B" neat cement with 2% Calcium Chloride. Mix at 15.6 ppg with average pump pressure of 1500 lbs. Displace at 10:20. Cast iron bridge plug failed to pass master valve. Wait on cement 3 hours. Change valve and set bridge plug at 330' and tested to 4500 psig. Perforate 307' to 312 with 2 holes per foot. Breakdown with 4100 psig. Mix 200 sacks Class "B" neat cement with 2% calcium chloride. Mix at 15.6 ppg and displace to perforations Set cast iron bridge plug at 230' and tested to 4500 psig. Test ok. Perforate 174'-179' with 2 holes per foot and break down with 1300 psig. Mix 200 sacks Class "B" neat cement with 2% Calcium Chloride and mix at 15.6 ppg. Displace to perforations. Set cast iron bridge plug at 150' and test to 4500 psig. Perforate 116'-121' with2 holes per foot. Breakdown with 3100 psiq. Mix 200 sacks Class "B" neat cement with 2% Calcium Chloride and mix at 15.6 ppg. Final displace at 6:48. Close valve and move out equipment.

Walsh ENGINEERING & PRODUCTION CORP.

ENGINEERING & PRODUCTION CORP.

PETROLEUM ENGINELRING
RESERVOIR STUDIES
EVALUATIONS
GEOLOGICAL STUDIES
LEASE MANACEMENT
CONTRACT PUMPING
DRILLING SUPERVISION
WORKOVER SUPERVISION

EWELL N. WALSH, P.E.
President

CASING AND TUBING SUMMARY

IVISION ENVISION	Date _	2/1/82	
perator N.M.O Conserv. Com Lease	Allan	W e	ell No. 1
tate New Mexico County	San Ju	an Total	Depth
asing-Toobing, Size O. D. 2-7/8", Weig	ht	lb./ft.,	Туре
Threads 8 Rd. Hole Size 4-3/	4	Cement	
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Plug Down, Time Date 2/1/82			
		Joints	Footage
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mount Run		32	946.59
Notch Collar (1.41), (_}; pl	us	1.41
mount Cut off	le	ss	
otal Amount Run (Footage Thds. off)			
. B. to top of casing or tubing	pl	us	
epth landed			948.00
mount Not Run (Footage Thds. off)		32	948.00
mount Cut off	pl	us	
otal Amount Not Run		-0-	
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DATE	WELL HO	LEASE		
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	CIBPE			. 1
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BAKER PAURLING DIVIDION

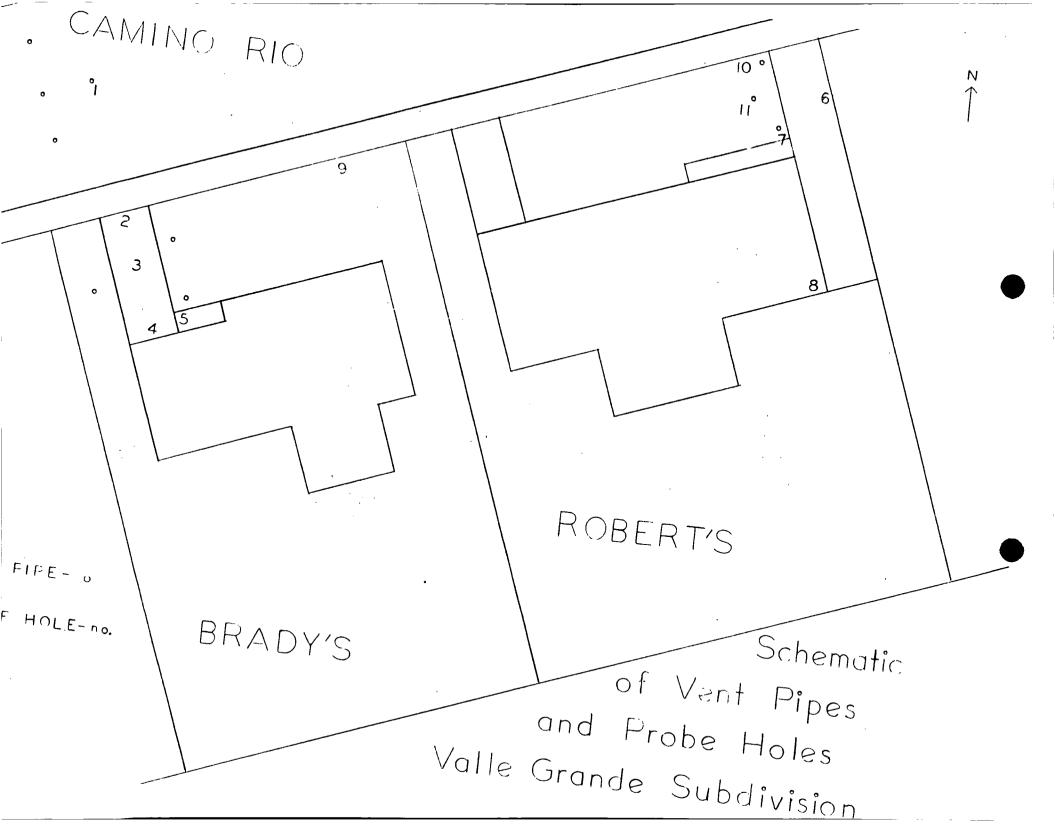
FORW NO 20-27 (6-76)

EXECUTIVE BLDG.-413 W. MAIN ...

P.O. BOX 254 .

(505) 327~4892 FARMINGTON, NEW MEXICO 87401

MAP OF VENT PIPES AND PROBE HOLES



TABULATION OF GAS READINGS

FIGURES FROM GAS READINGS

									,						
Probe Hole	2-8	2-9	275	2-16	2-18	2-18	2-18	2-18	2-19	2-20	2-22	2-23	3-1	3-2	3-3
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4	34%				12%	8%	14%	12%	18%	22%	30%	28%	28%	18%	10%
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Vent Pipe															
· · · · · · · · · · · · · · · · · · ·															
Roberts- by house															
-maldle of yord															
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Bradys-by house															
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77 3.00.0411															
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FIGURES FROM GAS READINGS

Probe Hole	3.4	3-5	3-8	3-9	3-10	3-11	3-16	4-19	5-10	5-19	6-15	8-25	 	
	<u> </u>												 	
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10													 	
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Vent Pipe														
Roberts- by howa									22%	18%	17%	18%		
-middle of yead											5%			
- by sidemlk									2%	60©	750	100		
Bradys-by howe									4%	2%	900	1%		
-W. of driverny											5%			
-by sidewalk											57.			
213,55														
Street-center								46%	20%	20%	20%	22%	 	
-North								4%			15%			
-South								35%						
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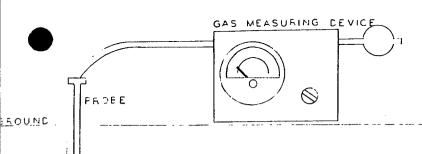
EXPLANATION OF SAMPLING METHOD

The gas sampling method used involved the following procedure:

Step 1: Punch a 1/2" to 3/4" diameter hole approximately 2 feet deep into the ground.

Step 2: Insert a tube into the hole to the bottom.

Step 3: Draw the air in the hole through the tube into gas measuring device.



This method does not actually measure gas saturations or gas amounts.

- Different soils have different permiabilities and water saturations, therefore they give off gas at different rates.
- Aspirating the hole draws air into the hole at the top which results in a contaminated sample.
- The rate of contamination is based on the rate at which the operator squeezed the bulb.

This method will give saturation comparisons.

- The soil in this area is homogeneous.
- 2. The operator can aspirate at a constant rate.

PHOBE HOLE

CORRESPONDENCE



CORNERS INSURANCE, INC.





COMPLETE INSURANCE SERVICE

CHARLES L. HARRINGTON President

December 29, 1981

Frank T. Chavez, District Supervisor Oil Conservation Division State of New Mexico Energy and Minerals Department 1000 Rio Brazos Road Aztec, NM 87410

Dear Mr. Chavez:

On November 23rd, prior to noon, Ms. Guinevere H. Brady came to our office inquiring about the coverages that she might have regarding the gas leak in her home located at 2109 Camino Rio, Farmington, New Mexico.

At this time, we advised Ms. Brady that since there was no physical loss to the dwelling by an insured peril, any additional living expenses that she may have while not being able to live in her home will not be covered by her homeowners policy.

If you have any questions, please contact me.

Sincerely,

FOUR CORNERS INSURANCE, INC.

Charles L. Harrington

CLH: kr

cc: Loraine King

Underwriters Adjusting Co.





STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION AZTEC DISTRICT OFFICE

1000 RIO BRAZOS ROAD AZTEC, NEW MEXICO 87410 (505) 334-6178

March 29, 1982

The Honorable Boyd Scott House of Representatives Santa Fe NM 87501

Re: Gas leak in Valle Grande area of Farmington

Sir:

As per your request, this is a brief account of the activities of this office to stop the referenced leak.

The week before Thanksqiving we were informed by Gas Company personnel that they had located gas surfacing in a residential area. Their attempts to locate a gas line leak were unsuccessful, and the gas itself was not pipeline gas but raw gas. We located records of an old well located approximately 400' from the gas leak. We tried on several occasions, starting November 23rd, to locate the well on the ground but could not find it. We engaged a surveyor who told us he remembered the well location being on the hill in the vicinity of the leak, not in the valley where the well records located it. We contacted the previous landowners and neighbors, researched the records of the original surveyor, located aerial photos, and did metal detector surveys of the area. We finally located the well bore on December 13th, after digging in a backyard for two days. The next day we moved in a rig to attempt to reenter and plug the old well. We drilled for eight days before technical problems in drilling shallow boulders forced us to change from a rotary arill to a cable tool drill. We drilled through the holidays and on January 5th we moved the rotary drill back in to finish the hole. After drilling through the shallow gas productive formation, we plugged the well with a total of 100 sacks of cement. The gas leak levels dropped and it seemed as though the leak was contained. However, the gas levels rose to their original levels after about a week. We consulted local experts about the problem and hired Mr. "Red" Walsh to engineer and supervise the reentry and replugging

The Honorable Boyd Scott March 29, 1982 Page two

of the well. We redrilled the well, commencing January 31st, and have since pumped 1400 sacks of cement and over 4200 barrels of water into the well. The gas levels have fluctuated as we pumped into the well, but we have not shut off the gas. The well is plugged as well as modern technology allows, and at this time we think there is the possibility of a secondary gas source.

We have made countless telephone calls to locate persons who would remember the well, to locate information from special services, and to keep people informed of our progress. We have been assisted by numerous local engineers, the technology center at University of New Mexico, USGS, the Department of Agriculture, the Texas Railroad Commission, Gas Company of New Mexico, and other agencies who might have any information on the well.

At this time we have been delayed because of difficulty in obtaining special equipment and by weather, but we hope to resume our testing in the area immediately.

Yours truly,

Frank T. Chavez District Supervisor

FTC:gc

cc: Saanta Fe, Joe Ramey



State of New Mexico

House of Representatives

OFFICE OF THE MAJORITY WHIP THIRTY-FIFTH LEGISLATURE

Santu Fe

JERRY W. SANDEL SAN JUAN COUNTY District 1 716 ROSA ST. Home Telephone: 505-325-8759 Business Telephone: 505-334-6194 **FARMINGTON, NEW MEXICO 87401**

April 21, 1982

MAJORITY WHIP COMMITTEES: Vice-Chairman: TAXATION & REVENUE Member: **ENERGY & NATURAL RESOURCES** RULES & ORDER OF BUSINESS

INTERIM COMMITTEE: Chairman: FEDERAL FUNDS REDUCTION STUDY COMMITTEE

The Honorable Jeff Bingaman Attorney General Bataan Memorial Building Santa Fe, New Mexico 87503

Dear Sir:

We have experienced a terrible situation in the Farmington area regarding the occurrence of natural gas in a residential area. The source is believed to be from an old plugged gas well.

The Oil Conservation Commission has been working on the project for five months in plugging and water pumping procedures. They have been testing the gas level in the area during this period. They have responded well to the situation in trying to cure the problem.

Two families, who have contacted me, have been moved out of their homes during this five month period. They are still out of them as of today and no real date as to when they can move into their They are retired senior citizens and it has caused a burden on their funds.

I would like to request your opinion as to whether the Oil & Gas Reclamation Fund has broad enough coverage to offer emergency relief in some form to these people who have been moved out of their homes.

We would appreciate any information you can provide us.

Sincerely yours,

Jerry Sandel

JS/qm

Ms. Winnie H. Brady cc: 900-A Hollywood

Farmington, N.M. 87401



STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION AZTEC DISTRICT OFFICE

1000 RIO BRAZOS ROAD AZTEC, NEW MEXICO 87410 (505) 334-6178

April 30, 1982

Mr. Harold R. Roberts 2113 Camino Rio Farmington NM 87401

Re: Gas leak

Dear Mr. Roberts:

Now that we have set vent pipes in your yard we feel that we have done all that we can to mitigate the problems caused by the gas seep. We consider this seep to be a natural phenomenon and we cannot predict when or if it will cease nor if it will worsen. While we deeply regret the inconvenience and losses you have suffered, our agency can take no responsibility for the losses under our present authority.

The Allan #1 well, which was first suspected as the source of the gas, is now isolated and not contributing to the gas leak. There is serious doubt that the well was ever the source of the gas but was involved only because of its location near the leak.

Our office has not detected an explosive level of gas in the atmosphere of the crawl space of your home, but we do detect high gas saturation in the earth. Our experience in this matter indicates that the gas in the ground very slowly dissipates into the air and there is very little probability that an explosive level of gas will build up under your house. I personally would not be averse to moving into the house.

If you decide to move back into your house we recommend that you take the following minimum measures:

 Install a gas detection device which will constantly monitor the gas level under your house and will sound an alarm if the gas level reaches a certain point. Mr. Harold R. Roberts April 30, 1982 Page two

2. Install a venting system for the crawl space.

You can also consider sealing the ground of the crawl space, reducing static electricity, and using pilotless appliances.

We sincerely appreciate your cooperation and patience. We are very sorry that we cannot be of further help.

Yours truly,

Frank T. Chavez District Supervisor

FTC:gc

cc: Bill Manchester
Al Conners
Joe D. Ramev

Front Longs



CITY ATTORNEY

505 / 327-7701

505 / 327-7711

ITY OF FARMINGTON, NEW MEXICO

May 11, 1982



Mrs. Guinevere Brady 2109 Camino Rio Farmington, New Mexico 87401

Re: Natural Gas Leak - Valle Grande Subdivision

Dear Mrs. Brady:

I wish to acknowledge receipt of your letter dated May 7,

As you know, the City provides water and electricity through its utility system to residents of the City. The Customer Service Department has been instructed to provide water and electric utility service to your home at 2109 Camino Rio upon your request. The City will provide these utility services with the understanding that you assume the risk and responsibility for any damage or injury which may occur due to the presence of natural gas over which the City has no control as was indicated in the letter from the City to you dated May 4, 1982.

Gas utility service is provided through Gas Company of New Mexico which is not controlled by the City. It will be necessary for you to make arrangements for gas service through Gas Company of New Mexico.

I have again reviewed the file on this matter to determine if there is any legal responsibility on the part of the City for the loss and inconvenience which you have suffered, and I regret to state that it is my opinion that the loss which you have suffered is in no way the legal responsibility of the City of Farmington. According to the information which has been furnished to me, the natural gas leak is a natural phenomenon which must be dealt with in the same manner as any other natural hazard. If you or your attorney can provide any further information or point to any legal

Guinevere Brady Page Two -May 11, 1982

theory which would show responsibility on the part of the City for the loss which you have suffered, I will be glad to investigate the same.

The City of Farmington very much regrets the loss which you have suffered and is sympathetic to your predicament.

Thank you for your attention.

Very truly yours,

Dwight of Arthur City Attorney

DDA/rlb

cc: Ken Carlisle, Employee Benefits Director Al Conners, Fire Chief Gas Company of New Mexico Frank Chavez, Oil & Gas Commission, Aztec William Manchester, City Manager Cathryn Brady, Customer Service Director



2109 Camino Rio Parmington, NM 87401 May 18, 1982

Mr. Frank Chavez, District Supervisor State of New Mexico Energy and Minerals Department Oil Conservation Division 1000 Rio Brazos Road Aztec, New Mexico 87410

Re: Gas Leak
Valle Grande Subdivision
Farmington, New Mexico

Dear Mr. Chavez:

On May 5, 1982 when you delivered and explained your letter of April 30, 1982, we discussed the possibility of my being furnished information pertinent to actions and operations performed in an attempt to correct the gas leak at my home on 2109 Camino Rio. You assured me this could be done.

I've spent some time investigating and feel for the present the following information is needed to help me clear the way for returning home: 1) date your District Office took over the operation from the Gas Company of New Mexico; 2) dates when readings were taken and levels of existing gas on those occasions; 3) dates begun and ended on projects undertaken by your office, i.e. drilling, cementing, water replacement, cement squeezing, and yard vents; 4) names, addresses, and findings of independent consultants you brought in; 5) dates, places and conclusions arrived at in conferences or meetings regarding the problem; 6) your explanation of water meter filled boxes at both Mr. Roberts and my home at the time of the water replacement process at the well; and, 7) copy of documents bearing the signatures of Ramey and Kendrick that were executed when the original capping of the well took place sometime around 1955 or 1956.

MAY 13 1982 OIL CON. COM. DIST. 3 Mr. Frank Chavez, District Supervisor May 18, 1982 Page 2

I would appreciate an early reply. I am sure you can appreciate my desire to unravel the existing problem and return to normal living at home.

My thanks to you for your consideration, patience, and cooperation (past and present) through this ordeal.

Surveyere It Blady

Necestra Const

Guinevere H. Brady

GHB:os



THE TRAVELERS

Claim Department

John M. Towne, Ass't. Manager

June 22, 1982



Guinevere H. Brady 2109 Camino Rio Farmington, New Mexico 87401

File #:

005 LR T05 8839 R

Insured:

Southern Union Company

(Gas Company of N.M.)

Re:

Guinevere Brady

D/L:

11-5-81

Dear Mrs. Brady:

Your letter of May 18, 1982, addressed to the Gas Company of New Mexico in Farmington, New Mexico, has been forwarded to this office for a response. Please be advised that The Travelers is the general liability insurer of the Gas Company of New Mexico.

Your letter requests that the Gas Company of New Mexico accept responsibility if loss or injury occurs as a result of turning on the gas at your residence. Please be advised that there is absolutely no way that the Gas Company of New Mexico will accept such responsibility and as long as there is a potentially dangerous situation such as which exists at your residence, they will not turn on the gas.

Respectfully yours,

Lanny J. Wirth

Supervisor

cc: Bill Davis, Office Manager Gas Company of New Mexico

P.O. Box 750

Farmington, New Mexico 87401

1) with

OIL CON TOBE DIST. COM. September 20, 1982



Mrs. Guinevere H. Brady 2109 Camino Rio Farmington, NM 87401

Dear Mrs. Brady,

I have done some checking since receiving your letter, and I wish I could wave my magic wand and come up with a solution, but I cannot. I spoke at length with Mr. Frank Chavez, who could not have been more cooperative. He indicates to me that two different sets of measurements indicate that the gas content under your and the Roberts homes is far below the explosive or burning level. He says the relatively high reading earlier obtained came from a probe that was thrust into the ground, and did not measure what exuded into the air, but rather the saturation level in the ground itself. Until the gas mixes with oxygen and becomes capable of ignition, there is no danger. Thus the later measurement, with a "Gas Track", was a better indication of danger. He found, he says, not even enough gas-molecule activity in the ambient air to give him one percent of the five-percent danger level, or less than 1/500th of the lower danger level. I fully realize, Mrs. Brady, that all of the above is small comfort when you are worried, but Mr. Chavez indicates that the legal issue of liability is not only tangled, but may be a dead end if a natural fissure is creating the seepage. If that is the case, no one is liable; it is simply bad luck. Mr. Chavez recommends that you and the Roberts family install gas-detection devices, set at a low level, so that any future increases will be known, and that crawl spaces be kept ventilated. He is positive that, with these safeguards, you will not be endangered.

I hope this is somewhat reassuring, since it is about all I can do. Sincerely,

ED PENNYBACKER On Your Behalf

EP:ms

cc:Mr. Frank Chavez



LAW OFFICES

HINKLE, COX, EATON, COFFIELD & HENSLEY

A COMPANY OF SURE POST CHAPTE BUT ID

ROSWELL NEW MEXICO 88201

most encourse

September 16, 1982

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1000 FIRST NATIONAL DANS BUILDING POST OFFICE DOX 3550 1915) 683 4491 AMARILIO TEXAS OFFICE

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POST OFFICE BOX 2068 (505) 9824554

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Dwight D. Arthur, Esq. City Attorney City of Farmington P. O. Box 900 Farmington, New Mexico 87401

ANDERS IN CARRIES

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JAMES BRUCE

CAND L SPOECE

Re: Natural Gas Leak - Valle Grande Subdivision

Dear Mr. Arthur:

This will confirm our telephone conversation of September 14, 1982, in which we discussed the possibility of a sewer leak as the cause of the situation. In sorting through the various documents which have been provided to me, I noticed that it is methane gas that is involved. Also, my clients commented that when the gas company did its water flood during the course of its investigations the only area where most of the water ended up on the surface was in a main line (water or sewer) on the Brady and Roberts properties. Being somewhat familiar with methane gas, it occurred to me that we may very well be talking about a city sewer problem which had not been investigated.

I appreciate your giving consideration to this request for the city to investigate this possibility. I understand that up till now this possibility has not been considered.

Thank you for your very kind consideration extended to your citizens of the community.

UTAH COLO ARIZ.

CITY OF FARMINGTON, NEW MEXICO CITY ATTORNEY 505 / 327-7701

OIL CON. COM. DIST. 3

Mr Frank Chavez Oil Conservation Commission 1000 Rio Brazos Road Aztec. New Mexico 87410

September 23, 1982

Re: Natural Gas Leak -- Valle Grande Subdivision

Dear Frank:

Pursuant to the telephone conversation between us and City Engineer Hoby Clay, I enclose herewith a copy of the letter dated September 16, 1982 from Attorney Paul M. Bohannon concerning the natural gas leak in the Valle Grande Subdivision.

I understand that you will work together with the City Engineer to attempt to determine whether or not the gas occurrence in the Valle Grande Subdivision might be connected with the City sewers.

I would appreciate being informed of your conclusions based upon any such investigation in order that I might respond to Mr. Bohannnon's letter.

Thank you very much for your assistance and cooperation.

Very truly yours,

City Attorney

DDA/hs

Enclosure

xc: W. Manchester, City Manager

R. Metzler, Public Works Director

H. Clay, City Engineer A. Conners, Fire Chief

K. Carlisle, Employee Benefits/Insurance Director

PMB: mb cc: Mr. Harold Roberts Mrs. Winci Reile

FIELD TRIP REPORTS

Oil Conserv. Lion Commission

A.H. Bernstein

Ploorfield Oilfield Service Co.

hig # 3

corator inneth Marsh

Notes from A.M. Bernstein:

12-14-81: Moved in rig and rigged up in the Dale Nettleton back yard. Set 9 ft., 24" conductor pipe, set up equipment and get ready to drill.

12-15-81: prifted on 12% surface hole, drilled down to 15 ft. in boulders, trip out of the hole, put on 6% bit, tripped in the hole and re-med hole to 30 ft.

12-lu-81: Drilled on surface hole, drilling on boulders, unable to make hole, trip out of the hole, put on 8 3/4 bit, trip in the hole and mimed the rest of day.

17-81: Drilled on surface hole, mix gel for drill mud, unable to make any hole because of boulders.

12-10-8... Tried to ream hole, hole caving, drilled down to 22 ft, ran 22 ft. of 7 " pipe and cemented with 40 sacks class A cement, didn't circulate.

12-19-81. Mixed and pumped 40 sacks down backside of 7" with 1 "

12 20 81: Nipple up B.O.P. and drilled cement. Broke circulation to saface again. Tripped out of the hole.

1.-21-8.: Squeezed 25 sacks of class A cement down 7 " casing. Shut well in oversight. Cement did circulate to surface.

12 22-81: Tripped in the hole and drilled 15 ft. of cement, broke collation to surface. Tripped out of the hole, nipple down, tried to 11 7 casing, unable to. Rigged down unit and moved off location.

12-23-81: Moved in McDonald's cable tool rig and drilled down beside 7 " casing, made 5 ft. of hole.

12- 1-81: Drilled down beside 7 " casing, drilled down to 23 ft.

... 61: Drilled inside 7 * casing, made about 5 ft. to 27 ft.

prilled on iron, made about 15 ft.

12-29-81: Drilled from 37 ft. to 55 ft.

12-30-81: Drilled from 55 ft. to 73 ft.

12-31-81: Drilled from 73 ft. to 97 ft.

1-1-82: Drilled from 97 ft. to 120 ft.

1-2-82: Drilled from 120 ft. to 153 ft.

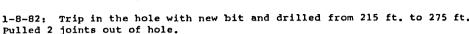
1-3-82: Drilled from 153 ft. to 165 ft.

1-4-82: Drilled from 165 ft. to 169 ft., ran 79 ft of 5½ casing and cement with 50 sacks class A cement, cement circulated to surface. Rigged down cable tool and moved off location.

1-5-82: Rigged up rig, nippled up B.O.P., moved in equipment and prepare to drill.

1-6-82: Picked up 4 3/4 collars, drilled cement and trip to bottom, drilled from 165 ft. to 185 ft.

1-7-82: Thaw out pump and B.O.P., drill from 185 ft. to 215 ft. Trout of the hole, changed out bit.



1-9-82: Trip in the hole with 2 joints and drilled from 275 ft. to 373 ft.. circulate hole clean and trip out of the hole.

1-10-82: Ran Totco survey - 1st run, 85 ft. and 1 3/4 degree off; 2nd run, 185 ft.= 1½ degree out, 3rd run, 330 ft. = 1½ degree out. Rigged up to drill. Circulate hole clean. Tripped out of the hole with drilling assembly and tripped in the hole open ended. Rigged up to cement.

1-11-82: Cement hole with 40 sacks class A cement. Trip out of the hole and squeezed 5 bbls. fresh water down 5½ casing. Stripped off B.O.P. and shut well in with 5½ X 2 swedge and 2 in. valve.

1-12-82: Tripped in the hole tagged cement @ 110 ft., trip out of the hole, pumped 2 bbls. fresh water down 5½ casing, mixed and pumped 50 sacks of class A cement down 5½ casing, shut well in overnight.

1-13-82: Tripped in the hole, tagged cement @ 70 ft., tripped out of hole, mixed and pumped 10 sacks cement down 5% casing. Rigged down and

road rig to yard. Dug down beside 20" conductor and cut off 20", 7", and 5½" casing 8 ft. below ground level. Plugged stub with 10 sacks class A cement and filled hole.

1-14-82: Moved equipment off location and cleaned location of trash.

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۲,	ľ	1	"	I to dry hole which we think may be the source of gas surfacing "	-				Farmington, to witness bradenhead tests. No casing leaks indicated.
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Ţ	R	0	6	2	One well 23-29N-13W O R O 4 3 Other-29N-13W	
					I met Fred Kerr with Kerr Land Surveying in Farmington and helped him resurvey and shoot elevations in conjunction with trying to locate the A.H. Bernstein Allen #1. This old P6A dry hole is possibly the source of gas surfacing in the Valle Grande Subdivision in Farmington. I also talked to several property owners in the area to see if any of them remembered the well. Mr. Bill Allen said he remembered it was in the general area, but could not Jeff Edmister and I went to Farmington to study aerial photos, city maps and plats and to research records at the city hall, Sa Juan Engineering and Brewer Engineering in conjunction with trying to locate the A.H. Bernstein Allen #1. 2 Wells-29N-13W	in .ng
			•		remember exactly where. We investigated oil spills at Amoco Prod. Co. wells in Farmington and Southeast of Farmington. The San Juan Totah #1-E is a new which was turned on Thursday afternoon. The well made much more than anticipated. The 300 BBL storage tank ran over and about 1 BBLS spilled and was contained in fire wall. The separator apparant malfunctioned and dumped down the line. The EPNG Co. dehydrator in turn dumped to pit. Pit ran over and oil ran indo a nearby depression where it was contained. Two vaccum trucks were on lo	ell oil orently cocation
	•				picking up oil and a tank truck was pulling storage tank. As so as the tank is empty, spilled oil will be put in it and treated. We estimated spill at 200 BBLS. Most will be salvaged. I will cleanup later. Storage tank at the Gallegos Canyon Unit #172 was shot 5 times w	check
					a rifle. An unknown amount of very light crude sprayed out onto location. All evaporated or soaked up. No cleanup was necessar).
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		-			Mileage Per Diem Hours UIC UIC UIC UIC UIC	٠.
1	1				RFA 36 RFA 9.00 RFA 6.5	
		-			Other Other Other Other Other 35 Other Other 2	
	 E 3H		TION		INSPECTION NATURE OF SPECIFIC ME THE PROPECTION INSPECTION OR FACILITY INSPECTION CLASSIFICATION OR FACIL	SPECIFIC WELL
	Plu Plu Wel Rep Wata Misi	ging ging ging itch itch rfl ap c r Co	g Clo st Sorks ow	ovel ervab	injection and production vella, valor flows or pressure tests, surface injection equipment, plugging, etc.] A - Inspections relating to Reclamation Fund Activity B - Inspections not related to injection or The Reclamation Fund F - Facility or locat A - Residing A	ction tion hed prod. inj. stions ground Storage at Operation ity or location ng
					field (show issediately below the letter U. R or O) O - Other	

- 1	2	0 U	Ū			1-	1	γ	NEW MEXICO DIL COMSERVATION COMMISSIO FIELD TRIP REPORT	PN
- 1	1	R S	R T	Name Charles Gholson Date 12-8-81 Hiles 72 District	. C	F	н	ů	TILLD INTERCED	
- 1	1		E	Time of Departure 8:00 AM Time of Return 5:00 PM Car No.660	A S	C	UR	A R	Have Jeff A Folyminter Date 12-8-31 Hi	les 15 District 3
	Ý		. Н		S	L	s	T E	Time of Departure 8:00 om Time of Return 5:	
1			Ö	In the space below indicate the purpose of the trip and the duties performed, listing/cells or Regses visited and any action taken.	F I C A	T	1	R	Time of Departure 10000m Time of Return 5	Car No.()[-1.
1			R S	signature Charle Aplan	A T I O			H 0 U	In the space below indicate the purpose of the trip and t performed, listing wells or leases visited and any action	he duties taken.
R	٥	3		One Well 29N-13W	N			R	Signature	
				I met Mike Daily with San Juan Engineering in Farmington and helped him search a 1/2 acre area on Rio Camino with a metal detector, in search of the A.H. Bernstein Allen #1. We were unsuccessful in locating it.	O R	Λ.	6	0	Met with Gary Newport of Einst Engi	neering to go
-	١		.		İ		1		through the notes of surveyor WR Rowl	1
R	P	Ь		One well 29N-11W	1				the surveyor who signed the plot on the	ie Allen ii
- {	ı			To Bloomfield to witness P&A of the Noland and wells Reinhardt #1.	1		1	1.	well NW/4 -23-29N-13W.	
-				Pumped and reamed hole down to 690'. Sat plug #1 690-540 with 40 sacks of class A cement. Pulled out of hole to 180'. Still had a	ol R	M	1	0	Met with U.S. Soil Conservation represent	atives to look
- 1	ı			strong water flow outside surface casing. Fluid level inside casing remained static, thus flow was coming from above bottom plug.			1		over old aeral photos of the SE port	
				Spotted plug, #2 at 180' with 35 sacks of cement. Shut off water.	1			1	where the Aller = 1 well is · located	Ç.
			,	Cement did not circulate. We will tag top plug in the morning.			1	l		٠.
1				and the second of the second o	Ju	F		6	Met with Bill Turner of Platon Refin	ery to witness
- 1					71	1	1'	١	and obtain water sonples. A set of 4 s	
						1			given to OCD to send to our hydro	locate in South Fo
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- 1			1	Other Other Other	1		1			RFA 7
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	S P E C RHE C	TION		INSPECTION NATURE OF SPECIFIC WILL CLASSIFICATION DR FACILITY INSPECTED				<u> </u>	<u> </u>	
Hou		epln	9	U - Underground Injection Control - Any inspection of or D - Drilling		INSP	ECTIO	N	INSPECTION CLASSIFICATION	NATURE OF SPECIFIC WELL OR FACILITY INSPECTED
Plu Wel Pep Wat	l To air/ erfl hap	g Cl st work or S	ranup over pill rination	resulting from injection into any well. (SWD. 2ndry injection and production wells, water flows or pressure tests, surface injection equipment, plugging, etc.) R - Inspections relating to Reclamation Fund Activity D - Other - Inspections not related to injection or The Reclamation Fund E - Indicates some form of enforcement action taken in the Color.	P - P C - P T - H F - H	lugg lugg lell hepai later lisha	ing C Test ir/Hor iflow p or Cont	leanu kover Spill	injection and production wells, water flows or pressure tests, surface injection equipment, plugging, etc.] A — Inspections relating to Reclamation Fund Activity	D = Drilling P = Production 1 = Injection C = Corbined prod. inj. operations S = SkD U = Underground Storage G = General Operation F = Facility or location
	_		·	field (show issediately below the letter U, R or D)					E - Indicates to a lorm of enforcement action taken in the	M - Meeting

ואמא הרחטארוסא	, A C 1 1 1 7 Y	U R S	U R T E R H O U R S	In the space below indicate the purpose of the trip and the duties	_ 5	F A C 1 L 1 T Y	n O U R S	OU ARTER HODERS	Name Charles Gholson Date 12-10-81 Hill Time of Departure 10:00 AM Time of Return 5:00 F In the space below indicate the purpose of the trip and the performed, listing wells or leases visited and any action Signature	e duties
R	P	4		One well 29N-llW	P R	P	5		One well 29N-11W	
				Returned to the Noland and wells Reinhardt #1 to resume P&A. Went in hole with wireline and tagged top of plug #2 at 75'. Ran tubing in hole and sat plug #3 75'-0' with 30 sacks of class A cement. Circulated cement.					West of Bloomfield to resume P&A of the Elvis L. Roberts Laid down 1000' of 1" tubing. Latched onto 2 7/8 " tubi not unseat packer. Backed off tubing at 1040'. Laid do Will begin plugging in the A.M.	ing. Could
R	0	1		One well 29N-13W Jeff Edmister and I went to Farmington to measure from known points to try to locate the A.H. Bernstein Allen #1. We	O R	٥	2		One other 29N-13W	
R	P	4		were unsuccessful. One well 29N-llW					to Farmington to sudy aerial photos of the area where we looking for the A.H. Bernstein Allen #1, with Bill Allen Allen was raised on the farm where this well was drilled remembers it.	1. Mr.
				West of Bloomfield to witness P&A of the Elvis L. Roberts Bergin #1. Rigged up and killed well with water. Shut down for the day.					r .	
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				Hileage					Hileage Per Diem How UIC UIC UIC RFA 48 RFA 9.00 RFA	7
	$_{\perp}$					İ		1 1	Other Oth	ier
PENTO					TYPE	I NSPE FORM	CT10)	.l	IMSPECTION CLASSIFICATION	NATURE OF SPECIFIC MEI OR FACILITY INSPECTES
- Wel - Pep - Wat - Mis	ggin ggin 1 Te air/ erf1 hap er C	ot 21 cotyc a f a Cle	e enup	D = Underground Injection Control - Any Inspection of or related to injection project, facility, or well or resulting from injection into any well. [SND, 7ndry injection and production wells, water flows or pressure tests, surface injection equipment, plugging, etc.] R = Inspections relating to Reclamation Fund activity O = Diber = Inspections not related to injection or The Reclamation Fund I = Indicates some form of enforcement action taken in the field (show insendiately below the letter U, R or O) D = Drilling P = Production C = Corbined prod. injoction of copyrations D = Underground Storage C = Control Operation P = Fecility or location N = Reclamation Fund O = Other Other	H - H: P - F: C - F: T - F: R - F: H - H:	ousek luggi luggi ell l epair ateri ishap	repling Clark /Kork low or S	leanup	U = Underground Injection Control ~ Any inspection of or related to injection project. facility, or well or resulting from injection into any well. ISMD, Indry injection and production wells, water flows or pressure tests, surface injection equipment, plugging, etc.) R = Inspections relating to Reclaration Fund Activity On Other - Inspections not related to injection or The Reclaration Fund E = Indicates steep (Ore of enforcement action taken in the	D - Drilling P - Production 1 - Injection C - Combined prod, inj operations S - SWD U - Undarground Stores G - General Operation P - Feelilty or locati H - Heating O - Other

		,		REM MEXICO OIL CONSERVATION COMMISSION -	1 1				NEW MEXICO OIL CONSERVATION COMMISSION FIELD TRIP REPORT
CLASSIFICATIO	F A. CILITY	H O U R S	OU ARTER HOU	FIELD TRIP REPORT Hame Toff A Edgr. 5 Date 12-10-81 Hiles 35 District 3 Time of Departure 10.00 am Time of Return 4.00 pm Car No.0F6341 In the space below indicate the purpose of the trip and the duties performed, listing wells or leases visited and any action taken.	CLASSIFICATIO:	F A. C I L I T Y	H O U R S	QUARTER HOUR	Name Jeff A Film.slr Date 12-11-81 Hiles 40 District 3 Time of Departure 1:00 nm Time of Return 5:00 cm Car No. 05:00 In the space below indicate the purpose of the trip and the duties performed, listing wells or leases visited and any action taken.
N 	m	6	s O	2 meetings Durange, Colorado	N R	Μ	4	5	1 meeting 23-2411-13 w/ Farmington, N.M.
		ρ		Meet with Burns of Reclamation to examine derial photos for evidence of Allen # 1 well. Meet with Petialeum Information people to go over records looking for evidence of Allen #1 well.					Aller to with sill Aller and other neighbors in the area of the gos leak to discuss the whereabouts of the Aller to well. Also visited Son Juan Engineering to borrow a metal detector.
				Mileage Per Diem Hours UIC UIC UIC RFA 8.5 RFA 9.00 RFA G Other Ot					Mileage Per Diem Hours UIC UIC UIC RFA 40 RFA -0 RFA 4 Other Other Other Other
	INSP	C710	<u> </u> _	INSPECTION NATURE OF SPECIFIC WELL CLASSIFICATION OR FACILITY INSPECTED		INSPI	C710N	<u> </u>	INSPECTION NATURE OF SPECIFIC WELL CLASSIFICATION OR FACILITY INSPECTED
HPPLRHHU	lugg lugg cii cpai cpai	ing C ing C icst /Fac 1100	ng leanup Lover Spill Leinei	y - Underground Injection Control - Any inspection of or related to injection project, (acility, or well or resulting from injection into any well. (SND, 2ndry injection and production wells, water flows or pressure tests, surface injection equipment, plugging, etc.) a - Inspections relating to Reclamation Fund Activity q - Other - Inspections not related to injection or The	H = H: P = P. C = P. T = W: R = R: F = W.	lugg lugg lugg ell ell epai exer isha	ecpin ng ng Cl icst /back	eanus avet ipill	U = Underground Injection Control - Any inspection of or related to injection project, facility, or well or resulting from injection into any well. (SND, 2ndry injection and production wells, water flows or pressure tests, surface injection equipment, plugging, etc.) R = Inspections relating to Reclamation Fund Activity D = Drilling P = Production C = Corbined prod. injection control production control production control productions S = SND U = Underground Storage

LASSIFICATION R	A C I L I T Y	0 URS	U A T E R H O U R S	Name Charles Gholson Date 12-12-81 Miles 54 District 3 Time of Deporture 7:00 AM Time of Return 4:00 PM Car No.660 In the space below indicate the purpose of the trip and the duties performed, listing cells or leases visited and any action taken. Signature Advance Constitution of the	L	FA.CII	H O U R S	OU ARTER HOURS	Hame Tea A Film clar Date 12-12-81 Hiles 50 District 3 Time of Departure 7:30 c Time of Return 4:30 c Car No. 0F330 In the space below indicate the purpose of the trip and the duties performed. listing wells or leases visited and any action taken.
				To Bloomfield to resume P & A of the Elvis Roberts Bergin #1. Went in hole with tubing & tagged plug #2 at 320'. Came out of hole to 150' and sat plug #3 150-0' with 17 sacks of class A cement. Circulated cement.	R	F.	9	0	1 location 23-29N-13W Formington, M.M. Aret with Bloomfield Oilfield Service and other OCD people to use a backhoe and metal detectors for seach of the
R	٥	5		One well 29N-13W .			}		
				To Farmington to resume searching for the A.H. Bernstein Allen #1. Dug up about 1500 Sq. Ft., to a depth of 4' in the back yard of the Dale Nettleton home. We found dried drilling mud, pieces of cable tother objects which indicated the well is nearby, but we did not locate it. Backhoe broke down, We will resume search in the A.M.			 		Allen #1 well in the Nettleton's bock yord at 2201 Comino Rio.
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Hou Plu	ekee ging ging	c).		U - Underground Injection Control - Any inspection of or D - Drilling releted to injection project, facility, or well or P - Production resulting from injection into any well. ISNO, 2ndry I = Injection	PER.	INSPE FORME Dusck	echp.		INSPECTION CLASSIFICATION U = Underground Injection Control - Any inspection of or D - Drilling
Rep. Wal-	rflo rflo	t 2b A otyo		Reclamation Fund F = Facility or location	P = P. C = P T = W R = A	luggi: luggi: eli T: cpair, aterf	ng Cl cst /Hask low	ovet erunb	resulting from injection into any well (SND, 2ndry 1 = Injection into any well (SND, 2ndry 1 = Injection into any well (SND, 2ndry 1 = Injection injection and production wells, water (lows or pressure tests, surface injection equipment, plugging, etc.) operations A = Inspections relating to Reclamation Fund Activity 5 = SND
			<u>.</u>	T = Indicates area form of references action taken in the H = Heating "		ater (

ĉ	H O U	U U A		Miles 36 District 3			1	. BEW MEXICO OIL CONSERVATION COMMISSION FIELD TRIP REPORT
	S	T E R	Time of Deporture 8:30 AM Time of Return	2:30 PM Car No. 6603	LAS	: U	U A R	Hane Jeff A. F.A. ster Date 12-13-81 Hiles 40 District 3
*		н O U	In the space below indicate the purpose of the trip and performed, listing wells or leases visited and any acti	the duties on taken.	S I F I		E R	Time of Departure 2:00pm Time of Return 4:00pm Car No. 0F330
		R S	Signature _ (Surles Shelson		1		H	In the space below indicate the purpose of the trip and the duties
0	6		One well 29N-13W		Ö N		U R S	performed, listing wells or leases visited and any action taken. Signature
			Returned to the Dale Nettleton home in Farmington & r for the Allen #1. Located well about 12:30 PM. It w depth of 5' & is not cased at the surface. Dug out a & started building a pad to move in a Bloomfield Oil rig to P & A.	as covered to a round well bore) R M	1 2	0	I location 23-29N-13W Formington, Nih. Searching for the Allen +1 well in Netlleton's beings. The well was found. I brought the explosionate over to
			rig to r a n.]		The well was found. I brought the explosionate over to
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		1 [1 1	1		Other Other Other
INSPEC		N	. INSPECTION CLASSIFICATION	DR FACILITY INSPECTED	$\perp \perp$	لـــــــــــــــــــــــــــــــــــــ		
MOUSTLE Pluggin	باوء	ng	y - Underground Injection Control - Any inspection of or	D - Drilling P - Production 1 - Injection	TYPE INSP PERFORM	ED		. INSPECTION NATURE OF SPECIFIC NELL CLASSIFICATION OR FACILITY INSPECTED
Pluggin Well Te Repair/ Waterfl Hishap	g C: Fort	lover Spill	resulting from injection into any well. Issue, injection and production wells, water flows or pressultests, surface injection equipment, plugging, etc.] p. Inspections relating to Reclassion Fund Activity	c = Combined prod. inj operations S = SMD U = Underground Stores	C - Plugg T - Well	ing Cl	e anu p	injection and production wells, water flows or pressure C = Combined prod. inj. tests, surface injection equipment, plugging, etc.) operations
Other C	on t	a=inatic	Reclassion fund F - Indicates some form of enforcement action taken in the	r - facility or locati	M - Misha W - Water O - Other	P or S	PIII	R = Inspections relating to Reclamation Fund Activity \$ = 5hD

7 A C J L	HOURS	O U A T E	Name Charles Gholson Date 12-14-81 Miles 60 District 3 C	F A.	Я	0 0	HEW MEXICO OIL CONSERVATION COMMISSION FIELD TRIP REPORT
7 7		я н о u	In the space below indicate the purpose of the trip and the duties performed, listing yells or leases visited and any action taken.	C J L I T	R S	A R T E R	Name Tott A Fluider Date 12-14-81 Hiles 75 District 3 Time of Departure 8:00 on Time of Return 5:00 on Car No. 0F3
+	 	R 5	T o			H O U R	In the space below indicate the purpose of the trip and the duties performed, listing wells or leases visited and any action taken. Signature
0	6		One well 29N-13W Returned to the Allen #1 to resume P & A. Rigged up Bloomfield Oil Field Service Co. Rig #1. Work went very slowly, because of smallness of a inacinaccessability to location.	O	6	0	1 well 23 - 29N-13W Farmington, N.M. Allen "I well location is being prepared and equipment
P	1		One well 29N-11W To Bloomfield to check cleanup of the Noland & wells Reinhardt #1,				being set up in the Methelin bockpord of 2201 Comino A
			after P & A. OK	M	2	0	I meeting Farmington, N.M.
	-	-			•		Pick up EMD + OCD people of the airport. Transport then to the Alec OCD office. Attend an Exemplory Performance Award Program moeting. Transport the people to the Allen # I well location, then to the airport.
[]HSFI			Mileage Per Diem Hours UIC UIC UIC RFA 60 RFA 9.00 RFA 7 Other Other Other				Mileage
PROPER	D		CLASSIFICATION OR TACHET INSTALLS	L.L. SPECT	101		INSPECTION NATURE OF SPECIFIC WELL CLASSIFICATION NATURE OF SPECIFIC WELL
Pluggi Pluggi Wel) T Repair Wateri Mishap	ng C) e anup	related to injection project, facility, or well of resulting from injection into any well. ISMD, 7ndry Injection and production wells, water flows or pressure tests, surface injection equipment, plugging, etc.] R * Inspections relating to Reclavation Fund Activity U = Underground Store T = Net Central Operation R = Rep	sekec qqinq qqinq 3 Tes air/k erflo hap o er Co	Cle	ranup iver	U = Underground Injection Control - Any inspection of or related to injection project, facility, or well or resulting from injection into any well. (SND, 2ndry injection and production wells, water flows or pressure tests, surface injection equipment, plugging, etc.) E = Inspections relating to Reclamation fund Activities S = SND

ousekeeping lugging lugging Cleanup ell Test epsir/Yorkover aterflow ishep or Spill	U - Underground Injection Control - Any Inspect related to injection project, facility, or resulting from injection into any well. If injection and production wells, water flow tests, surface injection equipment, plugging R - Inspections relating to Reclamation Fund Action.	tion of or D = Drilling hell or P = Production I'MD, Indry I = Injection C = Corbined prod. inj operations s = SMD Underground Storey Underground Storey	P - Plugi C - Plugi T - Well R - Repai T - Water M - Mish	ing Circuit (ing C	eanup over	p resulting from injection and yell. (SVD, lody I - Injection into any well. (SVD, lody I - Injection into any well. (SVD, lody I - Injection injection and production wells, vator flows or pressure C - Corbined prod. injection set injection equipment, plugging, etc.) R - Inspections selating to Reclaration Fund Activity U - Underground Stores
INSPECTION FORMED	INSPECTION CLASSIFICATION	NATURE OF SPECIFIC WELL OR FACILITY INSPECTED	TYPE INST PERFORM H - House	100		IMSPECTION HATURE OF SPECIFIC MED. CLASSIFICATION ON FACILITY INSPECTION U - Underground Injection Control - Any Inspection of or D - prilling
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		· · · · · · · · · · · · · · · · · · ·				plugged under state contract. No dry hole marker. Not approved.
			R	1		One well 29N-11W To Bloomfield to check cleanup of the Elvis Roberts Bergin #1, old well
	Returned to the Allen #1 to resume P & A a out hole to 12 1/4". Junk & boulders in h Came out of hole & chaged to a 6 1/4" bit. try to open it up to 12 1/4" in the mornin	ole. Made about 3' in 4 hours.				Returned to the Allen #1 to resume P & A. Tried to ream 6 1/4" hole to 12 1/4", would not go. Came out of hole & put on an 8 374" bit. Reamed hole to about 20°. Progress very slow. Junk in hole & boulders falling in.
0 7	One well 29N-13W		R	0 7		One well 29N-13W
Y H O U R	In the space below indicate the purpose of performed, listing cells or leases visited Signature	the trip and the duties and any action taken.	ATTON		H O U R S	performed, listing rells or lesses visited and any action taken.
L S T I E T R	Name Charles Gholson Date Time of Departure 9:00 AM Time of	12-15-81 Miles 40 District Return 4:00 pm Car No. 6		L S I I	T E R	Time of Departure 8:00 AM Time of Return 4:00 PM Car No.666
A O U C U A I R R	••••	·	5	N 0 U R	U J R	

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	C U I R L S	A R	Hame Jo	II A Edmist	U Date 12-17-81	Hiles 45 District 3	S 1 5 L	5	R T E	Name	Charles Gholson	n	Time of Return		Car No. 660
- 1	1	E			am Time of Return _	5:00 pm car No. 0F330		ŀ	R		Deporture			<u></u>	
	Y	H O			he purpose of the trip a eases visited and any ac		A T I		н о и	In the perform	space below indicated, listing well:	or leases	pose of the trip visited and any —	and the dut: action taken.	
		R S	Signatur				_ N		ŝ	Signatu	THE MATE	- JANOREA			
1	7 7	0	1 well	23-29N-1	3 w Farmington	N.M.	R	В	1 1	One we	11 29N-13W			•	
			1 12	old Allen+	11 O.I.T.Il Service : 11 well Bouldes	drying to drill and cove-ins				Would of hole	ed to the Allen drill down to 30 e. Ran 22' of 7 . Cement did no	' & pull up " casing & c	to 25'. Hole we emented it with	ould cave in.	. Came out
			ke	of drilling to	a minimum	•						_			
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-											Other				
INS	ECTIO	N		INSPECTION CLASSIFICATION		NATURE OF SPECIFIC NELL OR FACILITY INSPECTED	TANE THE	PECT10	.н	L:	IHSPEC CLASSIFIC	7108		HATU!	RE OF SPECIFIC WELL FACILITY INSPECTED
*lugg *lugg *ell *cpa: *ate:	ing Cl Test r/Worl flow p or S Conta	leanup kover ipill	r r i t n = 1	plated to injection proj swulting from injection operation and production sate, surface injection spections relating to R her - Inspections not r clamation Fund	trol - Any inspection of or ect, facility, or well or into any well. (SND, 2ndry wells, water flows or press equipment, plugging, etc.) eclamation fund Activity elated to injection or The forcement action taken in the	D - Drilling P - Production I - Injection C - Corbined prod. inj. operations S - SKD U - Underground Storage G - General Operation F - Fecility or location	PERFOR H = Hous P = Plug C = Plug T = Well R = Reps F = Wate H = Hish W = Uate O = Othe	rhrepi ging ging C Test ir/For rflow ap or r Cont	leanup thover Spill	. *	- Underground Inject related to inject resulting from in injection and protections, aurice in - Inspections related to the relation fund	ction Control cition project. It is in project. It is in cition wells affection equipating to Reclamone not yelete.	facility, or well of any well. (SMD, 2), water flows or p ment, plugging, at atlon Fund Activit	f or D = 1 or F = 1 odry I = 1 resoure C = 1 c.1 The C = 1	Drilling Production Injection Combined prod. inj. Operations

11 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	F A C 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	н О В В	UUARTER HOURS	Name Charles Gholson Date 12-19-81 Hill Time of Departure 8:00 AM Time of Return 10:00 In the space below indicate the purpose of the trip and the performed, listing gells on Jeases visited and any action signature	e duties	LASSIFICATION) C 1 1 1 T Y	D A R T E R H O U R		Tipe of December 10:00 AM	District Car No.66
R	0	2		One well 29N-13W		, _R	0	5	†		
				Returned to the Allen #1 to resume P & A. Ran a joing of Tagged top of cement at 15'. Mixed & pumped 40 sacks of cement. Circulated cement.	l" down anulus. class A					One well 29N-13W To the Allen #1 to resume P & A. Nippling of B.O.P. & drilling i	head.
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				Mileage Per Diem Hou		·				Hileage Per Diem Hours	
				RFA 36 RFA _ RFA Other Other Oth					-	UIC UIC UIC	
PE INSP				INSPECTION	NATURE OF SPECIFIC WE					Other Other Other	
HOUSE	CD			CLASSIFICATION U - Underground Injection Control - Any Inspection of or	DR FACILITY INSPECTIFY D = Drilling	PENFOR	MED			INSPECTION NATURE OF SPIE CLASSIFICATION OR FACILITY I	
Plugg - Plugg - Vell - Repai - Water - Hisha - Water - Other	ing Ing (Test (/~o ()ow p or	Clea rtor Spi	•r 11	related to injection project, facility, or well or resulting from injection into any well. ISMD, Indry injection and production wells, water flows or pressure tests, surface injection equipment, plugging, etc.) R - Inspections relating to Reclamation Fund Activity O - Other - Inspections not related to injection or The Reclamation Fund	P - Production 1 - Injection C - Corbined prod. ir, aperations S - SWD U - Underground Stor- G - General Operation T - Facility or local	- Plugq - Plugq - Well - Repai - Mater - Misha	Test Test it/Norlo rflow ip or Spi r Contas	up r	n •	U - Underground Injection Control - Any Inspection of or related to injection project, facility, or well or resulting from injection into any well. ISMD, 2ndry injection and production wells, water flows or pressure tests, surface injection equipment, pluyging, etc.) B - Inspections relating to Reclamation Fund Activity O - Other - Inspections not related to injection or The Reclamation Fund L - Indicates some form of unforcement action taken in the Po-Pher	rod. inj.

				NEW MEXICO OIL CONSERVATION COMMISSION FIELD TRIP REPORT	c	Г	н	0	(()
ŗ	F A.	8	C D	radio intr norths	L X	2	O U	J J	Charles Gholson Date 12-21-81 Hiles 104 District .
A S	c	U R	A R	Name Jeff A Famistr Date 12-20-81 Hiles 45 District 3	S.	ī	R S	R	1 NAME
5 1	L	s	T E		1	1 1		Ε	Time of Departure 9:00 AM Time of Return 3:00 III
F	ī		R	Time of Departure 1:00 pm Time of Return 5:00 pm Car No. OF 310	į	Y		R	
ç	¥		н		ž	Ι΄	1	H	
I	-		0	In the space below indicate the purpose of the trip and the duties performed, listing wells or leases visited and any action taken.	T O		l	U	
N	- 1		R	Signature	H	1	1	R	
R	0	4	S 0	I well 23-29N-13W Farmington N.M.		 			11 000 120
^	٠.	`		I well 23-29N-13W Farmington, N.M.	R	٥	3	1	2 One well 29N-13W
:		- 1		Act Act of All #1 all lost six ld:	1	i	1	l	To the Allen #1 to resume P & A. Recemented 7" with 25 sacks of class A
				Witness drilling into Allen #1 well. Lost circulation ofter drilled post the goint of 7" casing. Shut		1	1		cement. Circulated cement.
				other drilled post the Goint of I casing. Shut	١.	P	Į	١,	2 One well 29N-11W
- 1		- 1	- 1	down for the day.	"	1			i i
ŀ	- 1	- 1	ı	*	l	İ	1	ı	West of Bloomfield to check cleanup of the Elvis Roberts Bergin #1 after P & A. OK.
	- 1	ĺ			1	ļ	1	1	
	ı				0	P	1		One well 29-28N-10W
	- 1	ł	-		1		1		Southeast of Bloomfield to see if Bradenhead was pressured up at the
ļ	- 1	1			ł	1	1		FRANC CO Feasel A #1. Was Not. This well blew out, up surface pipe
	- 1				I.		'	ı	when the nearby Mesa Per. Co. McLeod #2-E blew out about 2 months ago.
	- 1		- 1				1	1	One other 29N-10W
-			ı		"	ľ	1	1	
			ŀ		ļ	1	1	1	East of Bloomfield to check a bare spot in a field which I suspected to be caused by a gas leak, with an explosometer. No trace of gas.
	- 1	ı	- 1	·	1	1		1	to be caused by a gas roak, when an expression
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ı		- [RFA 45 RFA -O- RFA 4		1	1	1	RFA 52 RFA 4.67 RFA 4
				Other Other Other	1	1			Other 52 Other 2 33 Other
	L.				1	1	1		
E IN	SPECT	ION		INSPECTION NATURE OF SPECIFIC WELL CLASSIFICATION OR FACILITY INSPECTED	<u>ال</u> ــــــــــــــــــــــــــــــــــــ		-1-	!_ DN	HATURE OF SPECIFIC MIX ON FACILITY INSPECTED
	sekec,	alac		U - Underground Injection Control - Any inspection of or D - Drilling	71	NOU	150		CLASSIFICATION
Plu	ging			related to injection project, facility, or well or P * Production resulting from injection into any well. (SND, 2ndry 1 = Injection			-leep	lng	U = Underground Injection Control = Any Inspection
Well	i Tes	E	•	Injection and production wells, water flows or pressure — C - Combined prod. Inj.	c -	71 ug	ging	C) • •	anup resulting from injection into any control of pressure C - Combines producting
Hate	erflo	,		tests, surface injection equipment, plugging, etc.} . operations A = Inspections relating to Reclamation Fund Activity		Pepe:	Test ir/-o	t y DA	over tests, surface injection equipments, programment g. w. SMD g. w. SMD g. w. SMD g. smg. a
Wate	er Cor	TAR!	inatio	n O - Other - Inspections not related to injection or The G - General Operation Peclamation Fund F - Facility or location	-	Mish.	1 P_OF	501	oill G - General Operation
0.511	•			E - indicates some form of enforcement action taken in the		Dry.		1	Reclaration Fund
		-		U = Gipar					and out event action taken in the . O - Other

CLASSIFICATION	FA.CILITY	HOURS	QUARTER HOURS	HAME Jeff A Flanish Date 12-21-81 Hiles 45 District 3 Time of Departure 8:00 cm Time of Return 10:00 cm Car No 0F 330 In the space below indicate the purpose of the trip and the duties performed, listing wells or leases visited and any action taken. Signature	5 5 1 1	F.ACILITY	H O U R S	OU ARTER HOURS	Name Charles Gholson Date 12-22-81 Miles 38 District 1 Time of Departure 8:00 AM Time of Return 3:00 PM Car No.6603 In the space below indicate the purpose of the trip and the duties performed, listing file or leases visited and any action taken. Signature Andrew
۲	0	2	0	well 23-29N-13W Farmington, N.A. Witness comenting into 7"cosing to plug areas of lost circulation in Allen#1 well. Shut down to let coment set up.	R	0	7		One well 29N-13W To the Allen #1 to resume P & A. Drilled out 15' of cement inside 7" surface pipe. Surface washed out, attempted to pull 7". Would not come. Rigged down & moved out Bloomfield Oilfield Service Rig #1. Digging out 22' of 7" surface with a backhoe. When we get it out we will move a cabletool rig over hole & start over.
		-					-		
				Mileage					Mileage Per Diem Hours UIC UIC UIC RFA 38 RFA 7.00 RFA 7 Other Other Other Other Other NATURE OF SPECIFIC MED.
Hou Plu Plu Wel Rep Wat	gging ggind l Ter lir/ erflo er Co	plng Cle it orko	enup već	y = Underground Injection Control - Any Inspection of ar related to injection control - Any Inspection of ar related to injection project, facility, or well or resulting from injection into any well. (SND, 2ndry I - Injection injection and production wells, water flows are pressure C - Cochained prod. inj. tests, surface injection equipment, plugging, etc.) a - Inspections relating to Reclamation Fund Activity U - Underground Storage C - Cochained prod. Storage C - Cochained prod. Injection on the lated to injection or The C - Cochained prod. C - Cochained prod.	TYPE 3 PENF H = Ho P = P3 C = P3 T = V4 R = Ho H = Ho H = Ho D = Of	ORMI	ing ing C icst r/kot f) or Cont	ng Dennu Dover	tests, surface injection equipment, plugging, etc.) S = Simple Storeg R = Inspections relating to Reclamation Fund Activity Underground Storeg C = Centerel Operation C = Centerel Operation

UAS 5 EP 42 A CE 5 4	X C 1 L 1 T Y	OURS	U ARTER HOURS	NameCharles Gholson Time of Departure 9:00 AM In the space below indicate t performed, listing wells or 1 Signature	Time of Return 5:	the duties	5 1	n O U R S	U R T E R H O U R	Name Charles Gholson Date 12-24-81 Miles 78 District 3 8:00 AM 2:00 PM Time of Departure 10:30 AM Time of Return 4:00 PM Car No. 6603 In the space below indicate the purpose of the trip and the duties performed, listing wells or leases visited and any action taken. Signature
Ř	,	8		One well 29N-13W	•		R O.	4	2	One well 29N-13W
				To the Allen #1 to resume P rig. Started drilling out c it. Made about 5' of hole.						To the Allen #1 to resume P & A. Rig crew had not arrived at 10:00 AM. Went home. Returned at 2:00 PM, crew was on location. Drilled Cement outside 7" to about 2' below the bottom of it. Tried to pull it, would not come.
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\perp	\perp			. ,		NATURE OF SPECIFIC WEL				
E INS	NED	101		MSPECTION CLASSIFICATION		DR FACILITY INSPECTE	TPE THSP	ECTIO	ЭМ	IMSPECTION NATURE OF SPECIFIC MELL CLASSIFICATION OR FACILITY IMSPECTED
Plug Plug Vell Acps Mater Mish Water Other	ing Ing It/ic It/o Itlo	Cle erko z c Spi	enup ver	resulting from injection injection and production tests, surface injection R = Inspections relating to R O = Other = Inspections not a Reclassion Fund	ect, facility, or well or into any well. (SMD, 2ndry wells, water flows or pressure equipment, plugging, atc.) welamation Fund Activity	operations S = SMD U = Underground Stores G = Coneral Operation F = Facility or locat:	: ~ Plugg : ~ Well — Repai	ing ling Test Ir/io Ilow por r Con	Cleanu; rlover Spill	U = Underground Injection Control - Any inspection of ur related to injection project, facility, or well or related to injection project, facility, or well or resulting from injection into any well. (SWD, Indry injection and production wells, valer flows or pressure injection and production equipment, plugging, acc.) R = Inspections relating to Reclaration Fund Activity U = Underground Storage O = Drilling P = Production I = Injection C = Corbined prod. injection Operations C = SWD U = Underground Storage U = Underground Storage O = Corporations C = Corporations C = Corporations C = Corporations

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1	r	<u>" </u>	ŭ						NEW MEXICO OIL CONSERVATION COMMISSION	
	C	UR	A R	Dete 12-26-81 Hiles 37 District 3	1 ¢	F	H	0.	FIELD TRIP REPORT	
- 1	i	5	T E	Name Charles Ghoison Corn No. Corn	S A	C A	Ü	2		7
	Ē		R	Time of Departure 7:00 AM Time of Return 5:00 PM Car No. 6503	ES	l L	R S	R	Name Jeff A. Edmister Date 12-27-81 Hiles 40	
1	,		H	In the space helow indicate the purpose of the trip and the duties	r F	T		E R	Time of Departure 10:00 cm Time of Return 4:00 pm	Car No. 0 <u>F33</u>
1			UR	performed, listing Cells or leages visited and any action taxen-	I C	Y	ĺ	H	In the space below indicate the purpose of the trip and the duties	
1		_	ŝ	Signature Church Steles	N I			U R	performed, listing wells or leases visited and any action taken.	
	0	10		One well 29N-13W	N		ļ	ŝ	Signature	
		- 1		To the Allen #1 to resume P & A. Rig crew did not arrive until 9:00 AM.	2 R	0	6	0	1 well 23-29, W-13 w Farmington, N.M.	_
1				Resumed drilling outside 7". Drilled about 5' of boulders. Attempted to pull 7", would not come. Put on a 6 1/4" bit & started drilling				•	Witness the cuble tool rig drilling in Allen# hole. Ait old casing. Drilled only 1'2'.	1
Ì				inside 7". Made about 6' in boulders. I could not tell if we were in					hole Ait old casing Drilled only 1'2'.	
				hole or not.	1		ì	İ	l	
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1		- 1		RFA 37 RFA 7.00 RFA 10 Other	ł		1		UIC UIC UIC UIC UIC UIC UIC UIC	
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1				INSPECTION HATURE OF SPECIFIC MELL		<u>L.</u> .	<u> </u>			
	SPECT AMED	104		CIASSIFICATION DA PACIALO.	TYPE PER	INSPE FORME		ı		SPECIFIC NELL
Plu Plu Sel Rep	selec, gging gging l Tes air/~ erflo	otyo F	enup vef	p - Underground Injection Control - Any Injection related to injection project, facility, or well or project, facility, or well or project, facility, or well or production relation into any well. ISMD, Index projection injection and production wells, water flows or pressure tests, surface injection equipment, plugging, atc.) The production project flow or project flow or pressure tests, surface injection equipment, plugging, atc.) The production project flow is the project flow in the project flow in the project flow in the project flow is the project flow in the project flow in the project flow is the project flow in the project flow in the project flow is the project flow in the project flow i	# - H P - P C - P T - W R - R F - W	luggi luggi ell T cpair aterf	ng Cl cst /bork lo~	canup	injection and production wells, water flows or pressure C - Combine tests, surface injection equipment, pluging, etc.) . operations and production of the combined of the comb	tion ion ed prod. inj tions
Va t	es Co:	n t 4.3	ine ti	tion 0 - Other - Inspections not related to injection or The F - Control Operation F - Facility or location F - Indicates store fure of enforcement action taken in the O - Other O - Other	0 - 0	ALEF			ion 0 - Other - Inspections not related to injection or The G - Genera	round Storage 1 Operation ty or location g

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	FA.CILITY	H O U R S	OU ARTER HOUR	Hame To A F Dm., str. Date 12-23-91 Hiles 83 District 3 Time of Departure 8:00 or Time of Return 4:00 pm Car No. 0F6603 In the space below indicate the purpose of the trip and the duties performed, listing wells or leases visited and any action taken.	CL ACILITY SSIFICATION	ן ט	Q U A R T E R H O U	FIELD TRIP REPORT Name Jeff A Edwistr Date 12-29-91 Hiles 60 District 3 Time of Departure 10:00 Time of Return 4:00 Car No.0F6603 In the space below indicate the purpose of the trip and the duties performed, listing wells or leases visited and any action taken.
+	$\overline{}$	-	S	I report shop Bloomfield, NM.	N O		R S	Signature
	٥	7	0	Take car OF330 to Bloomfield Automatic Transmission Rep. n. for repair. I well 23-2911-132 Farmington, NM. Vitness cable tool drilling into Allen #1 well. Finally drilled post old cosing at 33'. Drilled to 41' today.	D 8 C	6	0	Witness cable tool rig drilling in Allen # I well Orilled about 15 feet today. Still encountering Some boulders and cenent No gos from the well bore.
				Ni long				
	-			Mileage Per Diem Hours UIC UIC UIC				Mileage Per Diem Hours UIC UIC UIC UIC
	-			RFA 60 RFA 700 RFA 7 Other 23 Other Other 1				RFA 60 RFA 7.00 RFA 6
	SPECT RMED	ION		INSPECTION NATURE OF SPECIFIC WELL CLASSIFICATION OR FACILITY INSPECTED	TYPE INSPE	CTION		INSPECTION NATURE OF SPECIFIC NELL CLASSIFICATION ON FACILITY INSPECTED
Plud Plud Pepi Pepi Patri	ir/berfle	Cle forke	enup	y - Underground Injection Control - Any inspection of or related to injection project, facility, or well or resulting from injection into any well. (SND, 7ndry injection and production wells, water flows or pressure tests, surface injection equipment, plugging, etc.) A - Inspections relating to Reclamation Fund Activity O - Other - Inspections not related to injection or The Reclamation, Fund F - Indicates some form of enforcement action taken in the Context of Cont	H = Housek P = Pluggi C = Pluggi T = Well T R = Repair F = Haterf H = Hishap H = Water O = Other	ng Cli cst /Horke low or Si	eanup over pill	U = Underground Injection Control - Any inspection of or related to injection project, facility, or well or resulting from injection into any well. (SND, 2ndry injection and production wells, water flows or pressure tests, surface injection equipment, plugging, etc.) A = Inspections relating to Reclamation Fund Activity O = Other - Inspections not related to injection or The Reclamation Fund E = indicates some form of enforcement action taken in the Control of the

A C I L I T Y	 O U R S	T E R H O U R S	Name Charles Gholson Date 12-30-81 Hiles 40 District Time of Departure 8:00 AM Time of Return 4:00 PM Car No.60 In the space below indicate the purpose of the trip and the duties performed, listing walls or leases visited and any action taken. Signature	960: S	ACILITY	n O U R S	U A R T E R H O U R) - 3 F	ime of Deperture 9:00 AM n the space below indicate the erformed, listing wells or lead	Time of Return	d the duties
٥	В		One well 29N-13W.	H	 	-	ŝ		ignature		
			To the Allen #1 to resume P & A. Cleaning out hole 55'-73' with cable tools.	R	0	8			ne well 29N-13W		
- 1				.] 2	o the Allen #1 to resume P & able tools.	A. Cleaning out hole 7	73'-97' with
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INSPECT.	OM		IMSPECTION MATURE OF SPECIFIC WELL CLASSIFICATION ON FACILITY INSPECTED					<u></u>			
Housekee	Lng	•	N + Underground Injection Co. 1. 1. 1. 1.	TYPE 1	HSPEC	TION			INSPECTION CLASSIFICATION	•	NATURE OF SPECIFIC WE OR FACILITY INSPECTE
Plugging Plugging Well Test Repeir/No Paterflow (ishap or Fater Con Other	Clea show Spl:	1	related to injection tontrol. Any inspection of or resulting from injection project, facility, or well or resulting from injection and world. [SVD, Indry injection and production wells, value flows or pressure tests, surface injection equipment, plugging, etc.] R - Inspections relating to Reclaration Fund Activity O - Other - Inspections not related to injection or The Peclanation Fund F - Indicates stars form of enforcement action taken in the O - Other	H - Ho F - Fl C - Fl T - We R - Re F - We	useke uggin uggin 11 Te pair/ terf1 thap	cplng g Cle set Warko or \$p	anup var		U - Underground Injection Contr related to injection projec resulting from injection in injection and production we tests, surface injection eq R - Inspections relating to Rec O - Other - Inspections not rel Reclamation fund	t, facility, or well or to any well. ISMD, 2ndry lla, water flows or pressure ulpment, plugging, etc.] lametion fund Activity sted to injection or The	D - Drilling P - Production 1 - Injection

5 5 7 1	c	R S	QUARTER HOURS	HEW MEXICO OIL CONSERVATION COMMISSION FIELD TRIP REPORT Hame Jeff A. Edmistr Date 1-2-82 Hiles 45 District 3 Time of Departure 9:00 a. Time of Return 5:00 pm Car No DF 330 In the space below indicate the purpose of the trip and the duties performed, listing wells or leases visited and any action taken. Signature	C L L L L L L L L L L L L L L L L L L L		ĉ	H O U R S	QUARTER HOURS	Name Charles Gholson Date 1-4-R2 Hiles 39 District Time of Departure 11:00 AM Time of Return 6:00 PM Car No.F66 In the space below indicate the purpose of the trip and the duties performed, listing wells or leases visited and any action taken. Signature
2	D.	8	0	I well 23-29N-13W Farmington N.A. Witness cable tool drilling on Allen#1 location No Arablems encountered. Drilled to 130'.	P	R	0	7		One well 29N-13W Returned to the Allen #1 to resume P & A. Reamed hole to 6 1/4 "- 165'-169'. Ran 79' of 5 1/2' casing. Cemented with 50 sacks of class A cement. Circulated cement. Rigged down cable tool rig. Will rig up rotary rig in the morning.
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			,	•						
				Mileage Per Diem Hours						Mileage Per Diem Hours
				UIC						UIC
Hous Plug Plug Well Repa Fate: Tish.	ging ging Test ir/Fo rflow	Clea Clea	•г	U - Underground Injection Control - Any inspection of or related to injection project, facility, or well or resulting from anjection into any well. (SND, Indry injection and production wells, water flows or pressure tests, surface injection equipment, plugging, etc.) R - Inspections relating to Reclamation Fund Activity O - Other - Inspections not related to injection or The Reclamation Fund Feelmention Fund Fig. 1 Indicator sound form of enforcement action taken in the	H P C T R W	PEAF - HO - Pl - Pl - Ro - Ho - Ho	pair, terf	repling C		U = Underground Injection Control - Any inspection of or related to injection project, facility, or well or resulting from injection and any well. [SMD, 2ndry injection and production wells, water flows or pressure tests, surface injection equipment, plugging, atc.] R = Inspections relating to Reclaration Fund Activity OR FACILITY INSPECTION D = Drilling P = Production C = Corbined prod. It operations S = SMD U = Underground Stor. C = Ceneral Operation C = Ceneral Operation

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	i	R	Ŕ	1.	lame Charles Gholson	Date 1_5~82	Hiles 38 District		c	ü	"	
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· ł	ł			1.			•	R	٥	8	łł	One well 29N-13W
- 1	ı			F	eturned to the Allen #1 to ield Service Rig #1. Start	resume P & A. Rigged up B	loomfield Oil	11	i ·		1 1	Returned to the Allen #1 to resume P & A. Drilled 4 3/4" hole
ſ	1			1 5	ake oit & hydraulic pump br	Oke. Shut down for renair	ween power s 2 hours.		1		f i	165'-185'.
- 1	1	- 1		R	esumed drilling. Drilled 4	3/4" hole 159'-165'.	•	! [ł		1 1	<i>'</i> .
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ERFO	PECT.	ION			INSPECTION CLASSIFICATION		OR FACILITY INSPECTED	TIPE 1	HSPEC	TION		INSPECTION NATURE OF SPECIFIC WEL
Hou	ekeej	pLng			E - Underground Injection Cor	ntrol - Any inspection of or	D - Drilling	PEN	OWE	<u> </u>		CLASSIFICATION OR FACILITY INSPECTED
Plug	ging	Cle.			scaulting from injection	icct, facility, or well or into any well. (SMD, 2ndry	P = Production 1 = Injection	H - No P - Fi			4 ,	U - Underground Injection Control - Any inspection of or D - Drilling related to injection project, facility, or well or P - Production
Fep.	JE ST	.,,,			injection and production	wells, water flows or pressure equipment, plugging, etc.)	C = Combined prod. inj. operations	C - P1	بإووب	ng Cl	eanup	
Hist	rflow	, . 191	11		B - Inspections relating to B	eclaration Fund Activity	S = SMD U = Underground Storage	7 - No	pair	l⊶ Viotr		tests, surface injection equipment, plugging, etc.) . operations
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S	ιl	ŝ	T	Name Charles Gholson Date 1-7-82 Miles 38 District 3	S	1	R	R T	Name Charles Gholson Date 1-8-82 Mile	. 39 District _3
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Ĭ	Ţ		R	7:00 AM	- 17	7		R	Time of Departure 8:00 AM Time of Return 4:00 E	
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Ö N	- 1	- 1	υ	performed, listing yells or leases visited and any action taken.	i i	1	1	l o	performed, listing yells or leaves visited and any action t	LAKEN.
N			R	Signature herle Sholen	Ň	1	1	R	Signature Much Apple	
_			_	-			+-	<u> 5</u>		
R	0	7		One Well 29N-13W	PR	0	8		One well 29N-13W	
- 1	j			Returned to the Allen #1 to resume P & A. BOP was frozen solid.	-	1	1		Returned to the Allen #1 to resume P & A. Drilled 4 3/4"	' hole
				Thawed on it until 11:00 AM. Drilled 4 3/4" hole 185'-215'. Came out of hole to change bit.					215'-275'.	
i	- 1	- {		Came out of hole to change bit.	- 1	1	l	1	Į.	•.
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	SPECT		L	INSPECTION NATURE OF SPECIFIC MILL	TYPE	INSP	_L		INSPECTION	NATURE OF SPECIFIC WILL
	MED			CLASSIFICATION ON FACILITY INSPECTED	- PE	VOIM:	CD		CLASSIFICATION	OR FACILITY INSPECTED
7 3 v	oaina	:plng		U - Underground Injection Control - Any inspection of or D - Drilling related to injection project, facility, or well or P - Production	H - H	House	keepl	ing		D - Drilling P - Production
7).	ging	, C1+	eun b	resulting from injection into any well. ISVD, Indry I = Injection injection and production wells, water flows or pressure C = Combined prod. inj.		Plugg	ing C	Cleanup	resulting from injection into any well. (SWD, 2ndry	I - Injection C - Combined prod. inj.
Pep	11/	orko		tests, surface injection equipment, plugging, etc.) . operations	R - 7	Fell:	r/War	LFOASE	injection and production wells, water flows or pressure tests, surface injection equipment, plugging, etc.)	operations
Hist	rfle	r Spi	111	R = Inspections relating to Reclamation Fund Activity U = Underground Storage	F - W	Hater	l lov	Spill	R - Inspections relating to Reclamation Fund Activity	S = SMD U = Underground Storage
Pate	r Co	7 L LA	olseni		W - 1	Hates	Cont	Lasinst	ion " O = Other - Inspections not related to injection or The	G - General Operation r - Facility or location
- 51	•			E - Indicates sume form of enforcement action taken in the M Meeting	0 - 0	Other			Reclamation Fund E = Indicates sine form of enforcement action taken in the	M - Meeting
			· _	field (show ismediately below the letter U. A or O) 0 - Other					P - Indicates store 10th Of eufbicement action fater in the	O - Other

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1 7	2	0	יי	<u> </u>					NEW MEXICO OIL COMSERVATION COMMISSION
s	1	R	R	Name Charles Gholson Date 1-9-82 Miles 42 District 1	c	F	н	0	FIELD TRIP REPORT
1 1	l.	5	T E		11	λ-	0	U X	
į	T		Ř	Time of Departure 8:00 AM Time of Return 6:00 PM Car No. 666	S S	ī	R	R	Hane Jeff A. Edmister Date 1-10-82 Hiles 45 District 3
Ā	-		H	In the space below indicate the purpose of the trip and the duties	1	Ī	_	E R	Time of Departure 10.00 om Time of Return 4:00 pm Car No. 0F 330
ó			U	performed, listing wells or leases visited and any action taken.	Ę	Y			
N			R	Signature (hala Shoko)	1		ļ	Ö	In the space below indicate the purpose of the trip and the duties performed, listing wells or leases visited and any action taken.
R	٥	10		One well 29N-13W	O N	-		U R S	Signature
				Returned to the Allen #1 to resume P & A. Drilled 4 3/4" hole	R	٥	6	0.	1 well: 23-29N-13W Farmington, NM.
			1 1	275'-373'. Drilled in the Farmington Sand 352'-371'. I believe					•
1			1 1	we are out of the hole, making new hole.					Witnessed Total directional survey run on Allent
1			1 1	•					1 1. Succe charged 13/4 deviation at 85' 12 at
1	١,		1	·					hole. Just 1 230' Diet La sull deill bit
1									185' and 1"4" at 330'. Decided to pull drill bit,
									put tubing book to TD , and squeeze with cement.
									Will cement tomorrow just rig up today.
1		•	1	•				1	Will cement former
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PE 1	MS PEC ORMED	TICN	LL	INSPECTION NATURE OF SPECIFIC MELL CLASSIFICATION ON FACILITY INSPECIED		-			Other Other Other
	useke			D = Underground Injection Control - Any inspection of or D = Drilling	TYPE !	INSPECT	ION	 ж	INSPECTION NATURE OF SPECIFIC WELL
- 71	uggin	ď	e wunb A	related to injection project, facility, or wall or P = Production Traulting from injection into any well, (SVI), 2ndry I = Injection	PER	ORMED			CLASSIFICATION ON FACILITY INSPECTED
- We	li te pair/	# L		injection and production wells, water flows or pressure C = Combined prod. injects, surface injection equipment, plugging, etc.) . operations	P - P1	lugging	1		U - Underground Injection Control - Any inspection of or p - Orilling related to injection project, facility, or well or p - Production
- Ha	terfi shap	~		R = Inspections relating to Reclamation Fund Activity U = Underground Storage	C - P1	lugging	CI	leanup	resulting from injection into any well, ISNO, Indry I = Injection injection and production wells, water flows or pressure C = Combined prod. Inj.
	ter C		einetio	m ' O = Other - Inspections not related to injection or The G - General Operation Reclamation Fund F - Facility or location	A - Ac	cpair/h	·or b	7040L	tests, surface injection equipment, plugging, etc.) . operations S = SWD
- 01				E - Indicates some form of enforcement action taken in the H - Meeting	H - M	shap c	or S		R = Inspections relating to Reclamation Fund Activity U = Underground Storage Ion O = Other - Inspections not related to injection or The G = General Operation
				field febror immediately history the leaver the mar Ol - 0 - Other					

CLASSIFICATION	r A C I L I T Y	H O U R S	OUARTER HOURS	7i	meCharles Gholson me of Departure8:00 AM the space below indicate the space below indicate the formed, listing yells of highest the space	Time of Return 10	Miles 38 District 3 00 AM Car MooF660:	E 7	1 1 1 T	R S	O U A R T E R H O U R C	Name Charles Gholson Date 1-12-82 Hiles 85 District 3 Time of Departure 9:00 AM Time of Return 5:00 PM Car No In the space below indicate the purpose of the trip and the duties performed, listing wells or leases visited and any action taken. Signature Charle Magazian
. R	o	2		Re to hol	e well 29N-l3W turned to the Allen #1 to 371'. Mixed & pumped 40 e with tubing. Tied on to mation. Hole went on a va	sacks of class A cement. 5 1/2" casing & squeezed	le with tubing Came out of 1 25 sacks into the morning.	-	R - C		0	One well 29N-13W Returned to the Allen #1 to resume P & A. Went in hole with tubing & tagged plug at 114'. Came out of hole. Tied on to 5 1/2" casing. Pumped 2 BBLS H2O into formation. Squeezed 50 sacks of class A cement. Holding 350 P.S.I. shut in casing. One other 29N-11W
		•			. ·			° I °	OF			Jeff Edmister & I went of the Plateau Refinery at Bloomfield to see if oil spill had been cleaned up. No remedial action had been taken. Jeff will contact Plateau.
•									- I			
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				•	Mileage UIC RFA 38 Other	Per Diem UIC RFA -0- Other	Hours UIC RFA 2 Other					Mileage Per Diem Hours UIC UIC UIC RFA 40 RFA 3.50 RFA 4 Other 45 Other 3.50 Other 4
PERF - PO - PO - No - No - No	oweke uggir uggir 11 Te pair/ terf1 shap	cplni g Cli	- -anup 	on .	R = Inspections relating to R O = Other = Inspections not x Ruclamation fund E = Indicates some form of an	cct, facility, or well or into any well. (SWD, 2ndry wells, water flows or pressure equipment, plugging, etc.) eclamation Fund Activity	NATURE OF SPECIFIC WILL OR FACILITY INSPECTED D = Drilling P = Production I = Injection C = Combined prod. inj. operations S = SWD U = Underground Storage G = Ceneral Operation F = Facility or location H = Resting O = Other	H - P - C - T - R - H - H - H - H - H - H - H - H - H	House Plugg Plugg Well Pepai Mater Mishs	kerpin ing Cl Test r/Nork flow p or S	g e anup over	IMSPECTION CLASSIFICATION U - Underground Injection Control - Any inspection of or related to injection project, facility, or well or resulting from injection into any well. [SWD, 2ndry injection and production vella, water flows or pressure tests, surface injection equipment, plugging, etc.] R - Inspections selating to Reclamation Tund Activity On O - Other - Inspections not related to injection or The Reclamation Fund Reclamation Fund F - Indicates since form of enforcement action taken in the Content of SPECIFIC WILL OR FACILITY ON THE CHARGE STATES TO SECTION TO SECT

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L	5		T E	Name Charles Gholson Date 1-13-82 Miles 48 District	- 5	C	R	R	Name Charles Gholson Date 1-14-82 Miles 36 District
Ī	1	-	ř	Time of Departure 7:00 AM Time of Return 2:00 PM Car No OF 660	3 S	L	5	E	Time of Departure 9:00 AM Time of Return 10:00 AM Car No.
			א ס ט R	In the space below indicate the purpose of the trip and the duties performed, listing yells or leases visited and any action taken. Signature	I CA	Y		H D	In the space below indicate the purpose of the trip and the duties performed, listing wells or leases wisited and any action taken.
+-	+-	╁	<u>s</u>	Laute Miles	В			R	Signature Church Splan
R O) 7	7		One well 29N-13W	-			5	
				Returned to the Allen #1 to resume P & A. Went in hole with tubing and tagged cement at 70'. Mixed and pumped 10 sacks of class A cement. Circulated cement. Dug out around 20" conductor pipe with a backhoe.	R	- 0	.1		One well 29N-13W Returned to the Allen #1 to check gas levels with an explosometer. Batteries were dead.
				Cut off 20", 7" & 5 1/2" casing 6' below ground level. Mixed and poured 1D sacks of cement for a top plug. I also monitored surfacing gas with an explosometer. Gas volume is dropping rapidly. It appears we have squeezed gas off.					
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Waterflo Mishap o Water Co Other	or Sp	pi 1 1	ı	A - Inspections relating to Reclamation Fund Activity O - Other - Inspections not related to injection or The G - Conversions of the conversion of the con	- Plu - Fep - Wal	gging l Tel air/ erfic	cy.	~~F	Injection injection into any well. ISMD, Mody Injection and production wells, water flows or pressure Leats, surface injection equipment, plugging, etc.) The surface injection equipment, plugging, etc.) See Sup
	_	-	_	I a indicates some form of anforcement action taken in the M - Meeting	- Mie I - Wat I - Oth	* F C	or Spi	111	

7	F A C I L I T Y	អ ០ ប ន ទ	O U A R T E R H O U R S	ln pe	meCharles Gholson me of Departure*;00 Av the space below indicate rformed, listing Jells or gnature	Date 1-31-82 Time of Return 10 the purpose of the trip and leases visited and any act	d the duties	1	I H S S S I P I C A T I O A T	P A C I L I I	H O U R S	QUARTER H	Name Charles Charled Date 2-2-82 Miles 37 District 3 Time of Departure 8.88 Am Time of Return 2.88 Mar. Car No. 662 In the space below indicate the purpose of the trip and the duties
R	۱,	2		Oπ	e well 29N-13W		•		N O	-		U	performed, listing wells or leases visited and any action taken. Signature
				To	the Allen #1 to check pro	gress. Drilling at 430'.			Po	+-1	6		ONE WELL-29N-13W- TO THE A H. BEEN- STEIN ALLANT TO THE CEMANT. RELEASED PRESSURE AT 10.00 AM, REMOVED BOP + DRILLING NIPPLE. WENT IN HOLE WITH SAID LIVE + DEPTHAMETER THOSO CEMENT AT 938', OK.
TPI JHS	PECT	. 104			Mileage UIC RFA 38 Other IMSPECTION CLASSIFICATION	Per Dien UIC RFA -0- Other	Hours UIC RFA 2 Other MATURE OF SPECOR FACILITY I	IFIC HSPEE			-	-	Mileage
PENOR House Plug Flug Uell Acpo Hater Hish Uster	ging ging Tes is/ki flo	Cle borko orko	enup ver		U - Underground Injection C related to injection pro resulting from injection injection and production		D - Drilling P - Production I - Injection	orod.	PET # ~ # P ~ F C ~ F T ~ W R ~ #	INSPECTOR OF THE PROPERTY OF T	eping g Cle st works	enup over	IMSPECTION CLASSIFICATION U = Underground Injection Control - Any inspection of or related to injection project, facility, or well or related to injection into any well. (SNO, 2ndry injection and production wells, water flows or pressure tests, surface injection equipment, plugging, etc.) R = Inspections relating to Reciseation Fund Activity O = Other - Inspections not related to injection or The Reclassition fund Reclassition fund

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Т	- _T	_		_	NEW MEXICO OIL CONSERVATION COMMISSION FIELD TRIP REPORT	. 1		T-	τ—	т	NEW MEXICO OIL CONSERVATION COMMISSION FIELD TRIP REPORT
	CLASSIFICATION	P A C I L I T Y	H O U R S	OUARTER HOURS	Name Chartes Cholsand Date 2-5-87 Hil Time of Departure 9.30am Time of Return 12 In the space below indicate the purpose of the trip and the performed, listing wells or leases visited and any action Signature	30 Pm Car No 660 3	I N S P E C T I O N	A C I L I T Y	H O U R S	O U A R T E R H O U R	Name Charles Classed Date 2-18-82 Hiles 50 District 3 Time of Departure 9-30 Am Time of Return 5 3 acm Car No. 66- In the space below indicate the purpose of the trip and the duties performed, listing wells or leases visited and any action taken. Signature
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NEWSPAPER CLIPPINGS

Leaks: Future Legacy Of Abandoned Wells?

Story by Rox Graham Photo by Holl Jacobs

Fire Hazard

ABOUT 4:30 P.M. Saturday, Dec. 19, an off duty oilfield worker spotted white steam billowing from a natural gas well next to Worley Baseball Park on the city's north side.

Within minutes two city fire trucks were at the scene near 30th and Dustin, and a group of onlookers gathered as seven firemen began a chilly vigil. If the well caught fire, the men were instructed to use their water hoses to keep flames from igniting a nearby pair of large oil holding tanks.

A 16-inch high pressure gas pipeline, the Blanco-Fruitland line, lay almost directly beneath the rubber-suited men, stretching parallel to 30th Street.

Fire Chief Al Conners told a reporter to run at the slightest hint of a flame.

THERE WAS NO EXPLOSION that night, but the alarm raised the question of what, if any, safety problems farmington's cohabitation with the natural gas industry poses.

Farmington and several other New

Farmington and several other New Mexico towns, including Aztec, Bloomfield, Carlsbad, Eunice, Fruitland, Kirtland, Hobbs, Shiprock, Jal and several smaller communities are peppered with over 100 gas wells and laced with networks of interconnecting pipelines, said an official with the Oil Conservation Division.

Farmington alone has 32 existing gas wells, plus three more proposed with in

the city limits.

El Paso Natural Gas Co. officials contacted after the Dec. 19 incident said the overheating malfunction is common, and should not be viewed as a public safety threat — as long as the wells are left alone.

Chief Conners said the department responded to the December incident as "a worst-possible-case." The Daily Times learned that the department quickly contacted Helmur Corp. in Durango, Colo., owner of the well, to tell of concern that the well must catch fire.

But it was El Paso's equipment, not Helmur's, causing the problem that day, and about an hour after firemen responded, an El Paso employee corrected the problem.

"THERE WASN'T ANYTHING to catch fire there," said El Paso field superintendent Jack Erwin, "There's no danger there as long as everybody stays away from it."

Conners also said later that the situation wasn't that serious: "We used that to exercise the boys a little bit."

"A gas line is a very safe means of transporting energy products." Chief Conners said, "We don't want to cry 'wolf' when they don't cause many problems. When they do, they aren't that had "

Regulatory Gap

A Gas Company of New Mexico leak detection truck was slowly making its way down Camino Rio Nov. 16, when instruments detected a high concentration of methane gas.

tion of methane gas.

LEVELS OF THE COLORLESS, odorless gas were high at two houses: officials feared a match or pilot light could touch off an explosion, and the Harold Roberts family, 2113 Camino Rio, was evacuated. They spent the holidays at a Farmington motel.

Retired Farmington school teacher, Mrs. Guinevere H. "Winnie" Brady, owner of the other house with high methane levels, was vacationing and said recently she has stayed with triends since returning to the city.

Neither family has been allowed back in their home and Mrs. Brady said she suffered a heart attack in January.

AFTER INVESTIGATING, the district superintendent for the state Oil Conservation Division said a buried gas well, abandoned in 1955, was found to be the source of the gas.

Frank Chavez said several errors in 1955 resulted in the problem:

-The actual location of the well is 400 to 500 feet from where an old survey indicated it was.

-The well was never capped, as required to release the owner from the \$5,000 to \$50,000 plugging bond.

-An iron pipe required to mark the location of the site was somehow buried. The original owner of the well, A.H. Bernstein, is dead.

Gas Company officials and lawyers involved in the case would not comment on who is financially liable to the dis-

placed families for the incident.
"Fault will be up to the court to decide," Chavez said.

But the eventual court decision apparently will not end the problem.

"There are old gas wells all over out there," said city planner Joe Schmitz. "Unfortunately the records on them aren't very good."

"WE'RE ALWAYS LOOKING at our records," Chavez noted, "and there have been wells drilled in areas where

"In the 1930s and 1940s people drilled wherever they wanted to," the districtsupervisor for the OCD said. "Oil and gas regulation was something not even thought of."

Without records to go by, he said officials often have to resort to checking old newspapers and interviewing longtime residents to locate an abandoned well.

In the case of the most recent abandoned well on Camino Rio, Chavez said Mrs. Floyd West, wife of the driller, recalled the well location and helped find the leaking well.

Gas exploration companies are now required to obtain special use permits

before completing a well inside the city limits, and the city is keeping better track of them.

The city has also tried to make gas wells safer by requiring that oil and gas wells be no closer than '00 feet from any structure. Another ordinance mandates that "All tanks used for the storage of condensate, crude oil or other liquids produced by and in conjunction with any oil or gas well be buried."

BUT THE ORDINANCE applies only to new wells - older wells, including the 32 currently in operation, are exempt.

City fire crews responded Dec. 19 to a report of steam billowing from a gaswell at the corner of 30th Street and Dustin Avenue. The oil holding tanks, about 50-feet from the steam, were not buried and firemen were instructed to spray water on them if a fire broke out.

The overheated El Paso Natural Gas Co. equipment was repaired and no fire occured. Jack Erwin, a field super-intendent with El Paso, said the malfunction was routine, and did not pose a safety problem.

The Dec. 19 incident caused added concern because a high pressure 16 inch gas line, the Blanco-Fruitland line, is located adjacent to the well.

"THERE IS ALWAYS A POTEN-TIAL for hazard," said Farmington City Manager Bill Manchester, "but more than the wells, there is a potential for a fire disaster from the high-pressure lines."

Three such lines run east-west across the northern sections of the city: a 16-inch line parallel to 30th Street and a pair of lines 10 blocks north— one 16-inch, the other 20-inch.

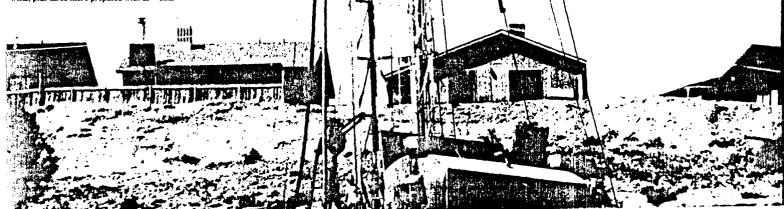
Those pipelines are fed by hundreds of county gas wells, 32 within the city limits, according to a map prepared by the city Planning Department in cooperation with El Paso Natural Gas Co.. Three more wells were approved for drilling by the city council.

Manchester said the city offers a "blue stake" program to mark the location of the pipelines for digging contractors as a safety precaution.

In addition to Farmington, several communities around the state are peppered with gas and oil wells, and are laced with networks of underground pipelines.

The OCD's Chavez said city ordinances regulating gas wells and pipelines vary, and small, unincorporated towns generally have no ordinances.

Chavez said oil and gas drilling in Bloomfield and Aztec was more intensive than in Farmington, especially in the 1930s and 1940s. He noted that 10 Bloomfield wells were capped in the last four years.



etween Tevenues A BRIEF

State Scents Gas Leak Cause

Officials from the New Mexico Energy and Minerals Department may have found the source of the gas leak which resulted in two homes being evacuated on Camino Rio Drive two weeks ago.

Frank Chavez, a district supervisor with the state agency said that an old gas well was located in the backyard of Dale Nettleton's residence. Chavez said it is very possible that the old well is the source of the dangerous levels of gas found under homes owned by Harold Roberts and Winnie Brady.

The gas leak was found when a crew from the Gas Company of New Mexico was testing the lines last week. The state was called in when the gas company realized it may not have been its lines causing the problem.

Chavez said that crews are presently trying to plug the well. Shortly after that, hopefully by Friday, it should be known whether the gas leaks are coming from the old well. which was drilled in 1955-56.

Gas Leaks Cause Two Home

By Tim Farrell Daily Times Staff

Two homes on Camino Rio Drive in Farmington have been evacuated in the last couple of weeks because the Gas Company of New Mexico found dangerous levels of gas leaking under the structures.

Frank Chavez, a district supervisor with the New Mexico Energy and Minerals Department, said the homes are owned by Harold Roberts and Winnie Brady. Other homes in the vicinity are now being checked for the same.

There is some uncertainty as to what exactly is causing

the gas leaks. Saturday state officials were digging in the ground to the Brady and Robback yard of Dale Nettleton's - erts homes." If you have clay home where it is thought an or ground like that, gas can old gas well is located. But it is also still a possibility that pipes from the Gas Company of New Mexico are leaking. "We're just not sure at this point," Chavez said.

We found a lot of evidence that there is an old well beneath the (Nettleton) yard, so we think there is a good possibility that that is where the gas is leaking from," said Charles C. Gholson, field representative for the Energy and Minerals Department. Nettleton's home is down the street a short distance from the affected homes.

Gholson theorizes that the gas from the old well may have leaked out and moved

horizontally through the travel that way," he said. "But that's a long way for it to go But it's possible."

The old=gas=well was drilled in 1955 by a man amed Floyd West. The operator of the well was A.H. Bernstein. "These homes I helieve were built about 1958. two years after the well was abandoned in 1956," according to evacuee Roberts.

And why were homes built on the top of an old gas well? Simple, the two men from the state agency say. The house builders probably didn't know it was even there. "According to records, this well was supposed to be drilled. near the bluffs, not here." Chavez said. "For some reason, it seems, the well was

drilled in the wrong place. really don't know how it happened."

The gas leak is no small matter, according to Gholson. "A pilot light could have set it off because there was a dangerous level of gas escaping. Whether it would have damaged other homes in the area. I don't know. It would just depend on how big a leak it was." We just don't know about that."

So the search for the origin of the leak continues. And the two families evacuated might just have to spend Christmas away from home. "It's just one of those things though," Roberts said. These things will happen; when they say it's dangerous I believe them, and would much rather, be living in a motel room till they get it fixed."

December 30, 1981

Vicente Hasso, Superintendent of Insurance New Mexico Department of Insurance P.E.R.A. Building, Santa Fe P. O. Drawer 1629 Santa Fe, New Mexico 87501

Re: Guinevere H. Brady Boston Old Colony Insurance Company Policy HOM7132110

Dear Vicente:

At the direction of Mr. Frank Chavez of the Oil Conservation Division I am sending you a copy of Mrs. Brady's policy and a copy of my letter dated December 29 denying coverage under her policy.

The property has been declared unattainable by a gas leak in the neighborhood and Mrs. Brady has been unable to occupy her home since prior to November 22.

Underwriters Adjusting Company, the claims department for Boston Old Colony, was also consulted before the denial letter of December 29 and they have concurred with my policy interpretation. They are, however, proceeding with a claim under Homeowner's HO3 coverage D, Section 2 to consider a claim for a period of not exceeding two weeks, while access to the premises is prohibited by order of Civil Authority. Miss Lorraine King of the Underwriters Adjusting Company's Albuquerque office will be handling the claim for the Insurance Company.



Superintendent of Insurance Page 2 December 30, 1981

If after reviewing the policy you can see where we were wrong in our interpretation of coverage I would very much appreciate you advising me and I will be happy to resubmit the claim to the Insurance Company.

Yours very truly,

FOUR CORNERS INSURANCE, INC.

Charles L. Warrington

CLH:kr

Enclosure

cc: Frank T. Chavez, District Supervisor
Oil Conservation Division, State of New Mexico

cc: Ms. Lorraine King
Underwriters Adjusting Company

cc: Guinevere H. Brady

