1R - 175

REPORTS

DATE:

7/6/1995



STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION HOBBS DISTRICT OFFICE

POST OFFICE BOX 1980 HOBBS, NEW MEXICO 88241-1980 (505) 393-6161

NMOCD Inter-Correspondence

To:

Jerry Sexton-District I Supervisor

From:

Wayne Price-Environmental Engineer District I July Lie

Date:

July 6, 1995

Reference:

Area H2S (HYDROGEN SULFIDE) Survey

Oak Grove Sub-Division Area Off Lea County, NM Road C-76

NE of Hobbs, NM

Subject:

H₂S Complaint By Mr. Ray Magness

Comments:

Dear Jerry,

This is a progress report of the on going investigation of a complaint issue to the NMOCD by Mr. Ray Magness. As you know there have been several complaints issued by Mr. Ray Magness concerning the $\rm H_2S$ and nuisance odors from oil and gas operations located in the same area of his residence.

Per your instructions, the NMOCD field personnel have completed a site study of the area near Mr. Magness residence and the newly installed tank battery owned by Rand Oil & Gas. The time period of this site study was between May 30, 1995 and June 21, 1995. A copy of the field trip reports are attached. The study primarily consisted of the field inspectors going by in the morning and afternoon and taking instantaneous $\rm H_2S$ readings using a shuttle personal $\rm H_2S$ Detectors manufactured by MST model # 1016.

It appears that the highest reading obtained was 1 ppm of $\rm H_2S$ during the inspectors visits.



Previous inspections of this area have been made by Gary Wink and My self. Attached for your review is the reports concerning those inspections and any complaint forms that have been filed.

The Information supplied to this office by the GPM corporation which buys and transports Rand's gas indicates that the Radius of exposure for this facility would be 171 feet for 100 ppm of $\rm H_2S$ and 78 feet for 500 ppm of $\rm H_2S$ using API calculations. Mr. Magness's house is located approximately 300 to 400 yards to the northeast which would place his residence out side of the radius of exposure for and during upset conditions. Also, the $\rm H_2S$ fraction per NMOCD "rule 118" is calculated to be less than 10 mcf/day.

It should be pointed out that during our initial visits, Rand Oil and Gas has been in the installation and testing mode and had not at that time installed all the normal equipment that is usually associated with a normal production crude oil storage installation, which probably contributed to the problem of nuisance odors. Also, when I investigated the situation on the night of May 22, 1995 using a FID organic vapor analyzer, it appeared that the majority of the smell was coming from the new Rand oil and gas battery located southwest of Mr. Magness's house. The next morning when Gary Wink and I went out to investigate another complaint issued by Mr. Magness, it was discovered that the new produce water tank installed the day before had developed a leak in the man way cover which probably contributed to the majority of the smell the night that I traced the odors back to the tank battery.

Per NMOCD District I previous experience, It is understood that in more extreme cases, for example when the situation would arise where our RULE 118 (HYDROGEN SULFIDE GAS-PUBLIC SAFETY) would require more stringent controls, then the NMOCD has recommended that more elaborate engineering control systems be installed to help eliminate these type of problems, but appears not warranted in this case due to the findings of the investigation conducted by the NMOCD field inspectors.

NMOCD District I investigations and previous experience also seems to indicate that when these type of facilities are properly maintained, then these type of problems will diminish. Therefore, I would like to **recommend** that all the operators in the area of Mr. Magness's residence be advised of this situation and encouraged to revamp and maintain their systems in order to prevent nuisance odors.

cc: Gary Wink-NMOCD Field Rep. II

Roger Anderson-NMOCD Environmental Bureau Chief

Attachments-yes

INSPEC	C L A S S I	FACIL	H O U R	A R T	Name GARY W. WINK	FIELD TRI	PREPORT		Zoistrict I
CTION	KOHHANHA	T		E R H O U R S	In the space below indiperformed, listing well Signature Hay L	icate the purpose is or leases visi	of the crib a	nd the duties	Car No. G 0472
H	0	P	4		HOUSEKEEFING NEED CATCH F SUMP FULL AT TANKBATTERY U	- JKR + & ANS UNDE RAND - I	R LOAD. ARCO A C F 5-18	LINES DOM. LEA T-175	R-39E
H	0	P	2		4" PLUG VALVE 19-1 LEASE AL + LEGAL DESC HOUSEKEEPING	SO NEEDS	51GN	W/LEASE	ENAME
					S-33 T-10S WORKOVER PIT ABANDONED T UNIT FONDATI	ANK BATT	e Curs, C	ABLE, +	JUNK.
					Mileage UIC RFA Other /67	RFA		Hours UIC RFA Other	6
L _	PE H = P = TR = P H W	Well Repai Water Mish	tep trag trag Test tr/Wo flow sp of	ing Cleanu	U = Underground Injection end process surface R = Inspections relation O = Other - Inspection Fun L = Indicaton scale	petion Control - And cation Project. (set in the last into any troduction wells, was injection equipment ating to Reclamation ions not related to d	lity, or well or well. (SMD, 2nd: ter flows or pre. plugging, etc. n Fund Activity injection or The action taken in	OR F7 D = D: P = P: P	nderground Storage pneral Operation acility or location poting

NEW	MEXICO	OIL	CONSE	RVATION	COMMISSION
	I	IELD	TRIP	REPORT	

IZSPECTION	CLASSIFICATION	FACILITY	H OURS	QUARTER HOURS	Name GARY W. WINK Date Time of Departure 7 AM Time of In the space below indicate the purpose of performed, listing wells or leases visited Signature	the rrip and the	Car No. G 04720
H	0	P	2		INSPECTED AND TOOKS WJC, RANDOMAGAS, SON	F+M TANK	AMES CON.
H	0	P	2		INSPECTED SHELL P.L. AND CHECKED FOR H2S	. PIT CLO	SURE TINB O.K.
						UI RF	
TYPE INSPECTION PERFORMED H = Housekeeping P = Plugging C = Plugging Cleanup T = Well Test R = Repair/Workover F = Waterflow N = Hishap or Spill					injection and production wells, water tests, surface injection equipment, pl	, or well or . (SWD, 2ndry flows or pressure .ugging, etc.)	NATURE OF SPECIFIC WELL. OR FACILITY INSPECTED D = Drilling P = Production I = Injection C = Combined prod. inj. operations S = SMD U = Underground Storage

W = Water Contamination O = Other

- O = Other Inspections not related to injection or The Reclamation Fund
- E Indicates some form of enforcement action taken in the field (show immediately below the letter U, R or O)

- G = General Operation
 N = Heating
 O = Other

NEW MEXICO OIL CONSERVATION COMMISSION FIELD TRIP REPORT

I	CL	F A	н	Q U	FIELD TRIP REPORT
S	A S S	C L L	U R	A R	Name GARY W. WINK Date 5-24-95 Miles 139 District I
E	I F I	I	3	E	Time of Departure 7 AM Time of Return 4 PM Car No. G 0472
I O N	ASSIFICATION	Y		H O U R S	In the space below indicate the purpose of the trip and the duties performed, listing wells or leases visited and any action taken. Signature Hary W. Wink
Н	٥	P	2		INSPECTED - RANDITKRINDIC, AVRAJOFFIM DIE.
0	0	P	2		INSPECTED M. YATES III - BILBREY #1 - UNIT I
^	1	S	2		S-19 T-195 R-38E W/STEVE PRATHER-LANDOWNER HE WAS ASKING PERMISSION TO CUT DEF D.H.M. 3 FT. BELOW GROUND LEVEL SO HE COULD IRRIGATE AREA. ASKED STEVE TO SEND A LETTER EXPLAINING HIS PLANS TO HOBBS D.C.D. DEFICE FOR RECORDS. INSPECTED LEAK ON SWD LOAD LINE- ON C.W. TRAINER SWD LOCATED 25 MILES W. OF HOBBS + I MILE SOUTH ON MARATHON RD.
	PE	RFOR	PECTI		NOTIFIED C.W. TRAINER - MANAGER & TOLD HIM HE NEEDED Mileage UIC 99 UIC UIC 2 RFA RFA RFA Other 40 Other Other 4 INSPECTION CLASSIFICATION OR FACILITY INSPECTED U = Underground Injection Control - Any inspection of or D = Orilling
	PCTRPHW	Plug Plug Plug Well Repa Wate Mish Wate Othe	related to injection project, facility, or well or resulting from injection into any well. (SMD, 2ndry I = Injection injection and production wells, water flows or pressure tests. Surface injection equipment, plugging, etc.) R = Inspections relating to Reclamation Fund Activity U = Underground Storage		

INSPECTION	CLASSHEHCAFHON	F A C I L I T Y	H OURS	QUARTER HOURS	Name GARY W. WINK Date 5-26-75 Mil Time of Departure 7 AM Time of Return 4 In the space below indicate the purpose of the trip and the performed, listing wells or leases visited and any action Signature Hay W. Wink	PMCar No. G04720
<i>J</i> +	0	P	2		HOUSEKEEPING - RAMBOULTGAS, AMERADA, ARCO, 2 MILES SOUTH of MONUMENT.	
H	0	C	7		HOUSEKEEPING EUNICE AREA - S HENDRIX, CROSSTIMBERS.	HELL, JOHN
					UIC UIC RFA RFA	Hours UIC RFA Other
	PE H = P = T = T = T = T = T = T = T = T = T	Well Repa Wate Mish	ekeep ging Test ir/We rflee ap or	clean	injection and production wells, water flows or pressure tests, surface injection equipment, plugging, etc.) R = Inspections relating to Reclamation Fund Activity	NATURE OF SPECIFIC WELL. OR FACILITY INSPECTED D = Drilling P = Production I = Injection C = Combined prod. inj. operations S = SMD U = Underground Storage G = General Operation P = Facility or location H = Heeting O = Other

0

INSPECTION	CLASSIFICATION	F A C I L I T Y	HOURS	QUARTER HOURS	F1	Teleg and any act	Miles 90	Car No. G 04720
M	0	ρ	2	3				
					INSPECTED LIGHTI STRUCK TANK @5			
					INC NADINE #1 UNI			TING
					STATE POLICE + HOL			Λ = Λ
					TO LOCATION FIRE	WAS EXSTINGL	VISHED 4	<i>t</i>
					CREW ON LOCATION	CLEANING U	Ρ.	
u	^	Ρ	-		,,,			
			2		HOUSEKEEPING - LAD	WRENCE 19#	/ 31 16 R	20164 Gas
					WO MILES W.E. OF	40EBS .		
					·			
								· · · · · · · · · · · · · · · · · · ·
					<u>Mileage</u> UIC	Per Diem UIC	Hours	
					RFA	RPA	_ UIC _ RFA	
					Other90	Other	Other	4
7	YPE I	NSPE		!	INSPECTION CLASSIFICATION			OF SPECIFIC WELL.
P C T R F M	- We - Re - Wa	lugg: lugg: ell T epair, sterf ishap	ng Clest /Work low or S	ovez esuab	U = Underground Injection Control related to injection project resulting from injection into injection and production well tests, surface injection equal relations relating to Recion O = Other - Inspections not relating to Recionation Fund	to tacility, or well or to any well. (SWD, Indry lis, water flows or pressu sipment. plugging, etc.) lamation Fund Activity ated to injection or The	D = Dril P = Prod 1 = Inye re C = Comb oppi S = SWD U = Unde G = Gene	lling iuction retion pared prod. inj. prations pryround Storage pryround Storage tilty or location ting



I N	CL	F A	H	Q	FI	ELD TRIP REPORT	
S P	S	CIL	U R	A R	CARY W WINK	- F3N 9F	7A +
E	I	L I	S	T			iles 30 District I
BUHHO	F	T Y		R	Time of Departure 7 AM	Time of Return4	PM Car No. G 04720
ON	LASSHEHUATHON	-		H O U R S	In the space below indicate the performed, listing wells or least Signature Hary W. W.	es visited and any action	the duties n taken.
Н	0	P	1		HOUSEKEEPING - LA	WRENCE /9-#/-	- JAKARONG LAS
					ON THE SON THE SON SERVICES	HOIBES	
					Mileage	Per Diem	Hours
	1			-	UIC		uic
	-	-	- 1	-	0ther30	RPA	RFA
					Other	Other	Other
<u> </u>		INS		ON	INSPECTION CLASSIFICATION		NATURE OF SPECIFIC WELL. OR FACILITY INSPECTED
	PCTRO	Well Repa Wate Mish	ging ging Test ir/Wortlow erflow er Co	Clean t orkove	injection and production tests. surface injection (R = Inspections relating to Restion O = Other - Inspections not re Reclamation Fund E = Indicates some form of an	ect. facility, or well or into any well. (SWD, 2ndry wells, water flows or presous equipment. plugging, etc.) eclamation Fund Activity slated to injection or The	operations S = SMD U = Underground Storage G = General Operation P = Facility or lengthm

TION	15 IFICATION	2 A C H L H T Y	H OURS	QUARTER HOURS	Name Charlie Perrin Date 2-21 Miles 109 District I Time of Departure 7 AM Time of Return 4 PM Car No. G-1540 In the space below indicate the purpose of the trip and the duties performed, listing wells or leases visited and any action taken. Signature
R	U	I	2		RIH Port PKI fluid Set PKR TRY TO TEST, WORKING OUT AIR
ρ	U	P	/		Iwell Eurice West cheulon WARAMSAY 28 34-21-36 Set Sulface Plu6 from 62' Rib Down move to SO
Н	V	C	5		25 FAC 40 wells House Keeling on RAND TRREDITE FUM AVRA Chevior texaco Arco Dxy All ok exect Fum Davis fed #2 13-17-38 fluid on ground (called Bonnie)
	,				
					Hilosee UIC /09 UIC UIC UIC UIC Other Other Other Other
	PE1 H = 0 P = 1 T = 0 P = 1	touse Pluge Pluge Hell Hensi Hater Highs	koopi ing ing (Tost r/wai flow- p or:	ing Clock: The vor	injection and production-wells, water flows or promoure C == Combined prod. inj. tests, surface injection equipment, plupping, etc.) operations. ***

O - Other - Inspections :net=related -to:injection of:The - Resignation Fund

E - Indicates-come-form of enforcement action taken in the - field (comp-impositetely below-the-latter U, 2 er-0)

O - Other

G = General Operation:
P = Facility or legister:
N = Necting = *
0 = Other

NEW MEXICO OIL COMSERVATION COMMISSION

O N	FICATION	1111	OURS	QUARTER HOURS	Mane Charlie Perrin Date 3-2/-95 Miles /43 District I Time of Departure 7 AM Time of Return 4 PM Car No. G-1540 In the space below indicate the purpose of the trip and the duties performed, listing wells or leases visited and any action taken. Signature
H	V	C	3		House kooping on Rand Mearboll BTA Per 20.7
					All PAL TWELS OK
#	0	P	5		Met JACK & ClossRoads & Rode with Him
			'		
					Mileage- uzc 143 uzc uzc 3
					REAL TEA
	- J		à	Ŷ.	Other TAIK PU Other Other 5
	TIPE	THEF		X 0	CHASTIFICATIONS OR-PACIFITY INSPECTOR
		Plupp Plupp Pell Pepel Pages Plupp	Cedi 1702 5\460 1204: 1204: 1204:	Toom	Discrete and Injection-Central Any-inspections of or Projections of the Projections of

Indicated the state of enterprises and the state of the s

o N	NON	HHFY	RS	UARTER HOURS	Name	
Н	ν	۷	4		16 fAC 32 wells Housekeeling on BTA MLBROWN FRANCE for Zail FAM AMPRAJA HOSS AllfAC & Wells OK	
R		5	4		Rode w/ JAck	
	PER	rozeli Luggi Lug Lug Lug Lug Lug Lug Lug Lug Lug Lug	Reepi Ing Ing C Test T/Wes I Lew P OF		Mileage UIC UIC UIC UIC UIC UIC UIC UI	

N O N	THOAPHON-	HHHH	D R S	OU ARTER HOURS	· ·	Miles 68 District I 4 PM Car No. G-1540 the duties on taken.			
0	0	M	4		In office to Talk to People from S	AnTATE			
Н	U	C	4		House Keeling on Gloat Western	Fam AURA			
					All fac & wells ok				
ĺ					All file & wells OR				
! ·									
		-							
					Mileage UIC	Hours UIC / RFA Other /			
TYPE INSPECTION INSPECTION WATURE OF SPECIFIC WELL PERFORMED CLASSIFICATION OR FACILITY INSPECTED									
. 1	H = Nousekeeping P = Plugging C = Plugging C = Plugging T = Well Test R = Repair/Merkever P = Materilar N = Missap or Spill N = Mater Contains to a production relating to Registration of the Registration of the Registration Fund D = Drilling P = Production I = Injection C = Commind prod. inj. D = Drilling P = Production I = Injection C = Commind prod. inj. O = Other - Inspections relating to Registration Fund Activity D = Underground Storage O = Other - Inspections not related to injection of The Registration Fund E = Indicates seme form of enforcement action testen in the Lieu i								

						FIELD TRIP REPORT							
		•		Ó									
;	,		٠ ـ ـ ا	R	Marie	Charlia	Perrin	Date 5-30.	1	164			
		4	S	I		CHALLE	retru	Date ~ CO.	V) HII	25 /0 /	istrict I		
		£		R	Time of I	eparture	7_AM	Time of Retur	m 4 P	Mc	G- 15401		
_	1 0 N			H O U R S	In the special periormed Signature	. listing	indicate the p	ourpose of the trees visited and ar	rip and the	a duties taken.			
כ	0	P)			اوسید کردوکیا هاک		lnýke wested			and the statement controller to the statement of the stat		
				N.	W-OFTARALA	KAAK	hage beelled	Donned Julio H	125 Papar	les Voiles	ender officers		
T	U	I	3		Buckey	o ma	inthon Bk	laden Head	TOST	7well			
4	U	L	5		House	keel!	· Do Cha	sstimber	LedRo:	ter TA	mer Ac.BR AU		
					1	-		no texar					
2	0	P	1		2 0		+ Wastelly						
		1	}		1:00 FA	1 KAAA	Vaul 2625	Mary 11 Pode	1/2 07 0	1/6450	Polatol		
		Ì			100 H25	lo Adin	· WEST T	ank Hatch	not LA	atched	capplel, Enot Ru		
				}	1	•	•						
					HICO CO	mm A_	110 H2S	Reading , M	orth west	HANK ME	Teh DEDIL		
					<u> </u>								
					ļ		· · · · · · · · · · · · · · · · · · ·	<u> </u>					
					•	lileage	1/	Per Dien	H	OUTS	\sim		
		1	1	1	1	IIC	16	atc	7	TIC	9		
		4	1	ĺ	1	era		RFA		e a			
ı						Other		Other		ther			
•		INSP)))			IRSPECTION				SPECIFIC WELL		
•		or creat				a traggiore to the second	ASSIFICATION			_	TT INSPECTED		
. !	P = 1	7.044 0000	184	•		related to	INJUCTION PROJEC	ol - Any imprecient. L. facility, or we	ll or	P - Produc	resen		
,		1611 , 1884		:70654	P			to any well. (5H5 Lls. water flows o		1 = inject	tion ned prod. inj.		
1		repsi		: pove :	•	tosts. sur	tace injection of	wipment, plugging,	etc.)		etions		
ļ		11.000	p Of	Spil)		-	•	lametion Fund Acti	-	U = Under	pround Storage		
,		iater Hater		اجتب		Reclement	n Pund	eted to injustion			or location		
					E =			proment action tak		0 = Garet			

The second secon

	Ť ON	TY	S	DARTER HOURS	Name Charlie Perrin Date 5-3/-95 Miles / Time of Departure 7 AM Time of Return 4 PM In the space below indicate the purpose of the trip and the duti performed, listing wells or leases visited and any action taken. Signature	Car No. G- 1540
0	0	ρ	1.	.,	6420 KANDONEGAGE HATTON DOTCHED ON WES	Testan k
Ц	U	۷	8		House Keeping on KAISES FRANCIS, Charles Atul	peetinbor.
					Texas chude Hendrix shell milage	_
					I Asked ERICAPISON W/ memberne To entry	Afit Drums
					on the carter & RAIPH & FATE (He SAid	(k)
0	0	م	,	6	7800 Pm Ray D. Broth Court Court Was de HASTEL NOTEL	anched
0	0	ρ	2		JANET ShePard monument BAD quess Smell Looke	1 4 1
		-			could not find Anything the wind changed from SAid smell went AWAY GOT no 425 Re	o Ading
					Mileage Per Diem Hours UIC UIC UIC RFA RFA RFA Other Other Other	8
•		INSPI		98		NE OF SPECIFIC WELL PACILITY INSPECTED
		lell lepsi letet less	Camp or fyer Last rud (ng Long Love Love Spill Long	related to injection project, facility, or well or resulting from injection into any well. (SNO, ladry 1 = injection and production wells, water flows or pressure tests, surface injection equipment, plugging, etc.) h = inspections relating to Accionation Fund Activity 0 = ation 0 = Other - inspections not related to injection of The Recipments fund	Drilling Production Injection Combined prod. inj. operations SED Underground Storage General Operation Facility or location Monthly General

,	Ó	*		ARTER HOURS	Name Charlie Perrin Date 5-30.9 Time of Departure 7 AM Time of Return In the space below indicate the purpose of the tripperformed, listing wells or leases visited and any Signature	4 PM Car No. G-15401
0	0	P	1		Unidealis Loaking (called Doons) 10 Hr	
7	V	I	3		Ruckeye MAINTEN BRAden HEAD T.	ost Twells
Н		C	5		House Keeling on Chosstinber L Amphada Hara Charistono toraco	
9	0	ρ	1	1	Don Property Property Podding No. H25 Reading No.	of ail by sofolatol
					Mileage UIC /6 UIC RFA RFA Other Other	RFA
1	PER	iell Ropai Later Hisas	Composition of the composition o		injection and production wells, water flows or teats. Surface injection equipment, plugging, as a important relating to Reclamation Fund Activi-	or P = Production indry 1 = injection consumer C = Compined prod. inj. constants s = SmD v = Underground Storage The G = General Operation P = facility or legation in the

	N	4	S	H In per	e of Departure		Miles // District I A PM Car No. G-154M ip and the duties y action taken.
0	0	P	1.			HATCH NOT LATER	hed on west tank
Н	U	C	8	Ho LAN Te All	use keepiin exco ment xas crude to faca wells	on KaisestRa berne Tilron Ste Hendrix Shell ok	ncis Charctinbor. Puens atull I f Helbig Milage TPXACO TO entry Mit Druns
0	0 0	P	1 2	00 7.00	The CARTER OF	HAIPH STATE	(Ho SAINOK)
•		iell Repai Mater Mass	teopi ing ing (lest r/to flew p or Com		Mileage UIC RFA Other Undergrand Injustice to injection and presentation and presentation related to injection and presentation and presentation related to injection r	Per Diem UIC RFA Other CATION CAT	Hours UIC RFA Other HATURE OF SPECIFIC WELL OR FACILITY INSPECTED To of or posture of the posture of the posture of the production o

I N S P E C T I O N	CLASSIFICATION	PACILITY.	H O U R S	QUARTER HOURS	PIELD TRIP REPORT Name Charlie Perrin Date 6-/-95 Miles /8- Time of Departure 7 AM Time of Return 4 PM In the space below indicate the purpose of the trip and the duties performed, listing wells or leases visited and any action taken. Signature	Car No. G- 154
0	0	ρ	1		no 425 @ Citier 8+14 Roger said Had val	
H	U	C	Ĉ		House Kepling on Amelada Hondry Terro Linexco Shell Arco Rize Phillip Exy Clayton Williams	
0	0	P	/	63	at BTTY on Road NO H25 9T BTTY No 17h	
					rfa rfa rfa	
	H = F = F = F = F	PORMI Lugg: Lugg: Icll Repai: Ater Hiskar	reepi ing C rest r/Wes flew p or Come		U = Underground Injection Control - Any inspection of or personal related to injection project, facility, or well or personal resulting from injection into any well. (SMD, Indry leads injection and production wells, water flows or produce centrals, surface injection equipment, plugging, etc.) R = Inspections relating to Reclamation Fund Activity On O = Other - Inspections not related to injection or The G = General Reclamation Fund Reclamation Fund	eduction pection pection perations o derground Storago neral Operation cility or location eting

THE RESERVE AND THE PROPERTY OF THE PARTY OF

The state of the second second

I N S P E C T I O	CHASS	PACHLHHY	HOURS	QUART	ManaeCharlie		Date 6-20-95		District I
C	FIC	. # ¥	-	E R			Time of Return		
O N	ATION			H O U R S	In the space below performed, listing Signature	s indicate the pur swells or leases	rpose of the trip and visited and any act	nd the duties	1
T	U	Ī	8		Cheukon Ev	nico CDU	SPT 3	ÊH	
0	0	P	<i>J</i>		DR. P. Par f.	Court PT+11	00/40		
					Mileage UIC RFA Other		er Diem		<i>F</i>
,	TYPE PET	INSP		N	er	INSPECTION ASSIFICATION			OF SPECIFIC WELL CILITY INSPECIED
	7 - t 7 - i 7 - i 8 - i	Plugg Plugg Hell Hepsi Hater Missa Hater	ing Test P/Hei flex P Of Cost	ing Cleanu Rever Spill Remins	related to resulting injection tests. sur R = Inspection ion	injection project, from injection projection into and production well; face injection equipus relating to Recipistoportions not relation Fund	- Any inspection of o facility, or well or any well. (SWD. 2ndr a. water flows or presument, plugging, etc.) mation Fund Activity and to imjection or The the latter U, R of O)	y 1 = 1m STATE C = CA S = SM U = Un G = Ga P = FA	oduction jection mothed prod. inj. perations derground Storage meral Operation cility or location etling

I N S P C T I O N	CHASSHEHCATHON	PACILITY	H O U R S	QUARTER HOURS	Hame Charlie Perrin Date 6-2/-95 Min Time of Departure 7 AM Time of Return 4 In the space below indicate the purpose of the trip and the performed, listing wells or leases visited and any action Signature	District I Car No. G-154
0	0	P	/		Hobber Month RAND WRITHRING OF BOMANIA P South RTHY LOAD Line MOHIC NOK DRIPPA- PULL 6:15 AM	need dripper.
	U	I	8		Suries Cheukon COV 9 Welks	PRESSULO TEST
					UIC 6h UIC RFA RFA	Hours UIC 8 RFA Other /
	H P I I I I I I I I I I I I I I I I I I	CORNI CORNI	Reepi ing ing C Test T/Wei flow p or Com	-	injection and production wells, water flows or presence tests, surface injection equipment, plugging, etc.) A = Inspections relating to Reclamation Fund Activity	HATURE OF SPECIFIC WELL OR FACILITY INSPECTED D = Drilling P = Production 1 = Injection C = Combined prod. inj. operations 8 = SMD U = Underground Storage G = General Operation P = Facility or location H = Meeting O = Other

					NEW HEXICO	OIL CONSESSITION COMMISSI	ON
HNSPECTHON	OLIANS HEHOATHON	PACILITY	H O U R S	QUARTER HOURS	Name JACK GRIFFIN Time of Departure 7 AM In the space below indicate th performed, listing wells or lessing the signature of the signature o	e purpose of the trip and asses visited and any actio	4 PM Car No. G
0	0	P	1		COGEOMOTALISMO MAGNE		
0	0	0	8		- Lide w/ Charlie to	or Water Dang &	Aile assigned Depairs
0	0	P	/		Clock Some Sels Magness	Α	4
					Mileage UIC RFA Other 22	Per Diem UIC RFA Other	Hours UIC RFA Other
	PE1 H = P = T = R = F = W =	Well Repai Mater Misha	Keepi ing ing C Test r/Woi flow ip or Cont		resulting from injection injection injection and production tests, surface injection R = Inspections relating to I tion O = Other - Inspections not in Reclamation Fund E = Indicates some form of elements	ect, facility, or well or into any well. (SND, 2ndry wells, water flows or pressure equipment, plugging, etc.) declamation fund Activity	operations S = SWD U = Underground Storage G = General Operation P = Facility or location

E = indicates some form of enforcement action taken in the field (show immediately below the lotter U. R or O)

<u> </u>		1_				IL CONSERTITION COMMISSION
HESPECH	CLASSIFICA	PACILIT	H O U R S	Q U A T E R	NameJACK GRIFFIN Time of Departure7 AM	Date 06-06-95 Miles 60 District Time of Return 4 PM Car No. G-
I O N	CATHON	Y		H O U R S	In the space below indicate the performed, listing wells or leas Signature ach briff	Durpose of the trip and the during
0	0	P	/		Obso Sun Magness	Kand frod "O" Bode hallow
0	0	M	8		/ atter - Lobes - Df	DC at MNC-
0	0	P	/		1830 Charles America Magness Wind SSM 23 mPH-Alam	Paul Pol - O Bill Balleria
					UIC	Per Diem Hours UIC UIC RFA RFA Other Other
- H	PER	INSPE FORME OUSEK LUGGI	D eepin		INSPECTION CLASSIFICATION U = Underground Injection Contro related to injection project	NATURE OF SPECIFIC WELL OR FACILITY INSPECTED

- C = Plugging Cleanup
- T = Well Test
- R Repair/Workover
- F = Waterflow
- M Misnap or Spill
- W = Water Contamination
- 0 = Other

- related to injection project, facility, or well or 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
- 0 = Other Inspections not related to injection or The Reclamation Fund

E = indicates some form of enforcement action taken in the field (show immediately below the letter U. R or O)

- P Production
- I = Injection C = Combined prod. inj.
- operations .
- S SHD
- U Underground Storage G - General Operation
- 7 = facility or locatic
- M = Meeting O = Other

I N S P	CL	P				NEON COMMISSION
ECTION	ASSHEHUATHON	A CILITY	H O U R S	QUARTER HOURS	_	G-07-95 Miles 2/2 District I Return 4 PM Car No. G-04
0	0	P	/		Lotte Oboon Both Balling	Salla Minudely 9207
1-1	0	P	8		30 meets & Batterier-Bledson area Davero, Dugan, Orbit Oct	Less - all OK
0	0	P	/		Lateur Wingle Goval Magne Bost-Ratteries What Swy 420	
					Mileage Per Diem UIC UIC RFA RFA Other 2/2 Other	Hours UIC RFA Other
		INSP		N	INSPECTION CLASSIFICATION	NATURE OF SPECIFIC WELL OR FACILITY INSPECTED

C - Plugging Cleanup

T = Well Test

R - Repair/Workover

F = Waterflow M = Misnap or Spill W = Water Contamination

O - Other

- related to injection project, facility, or well or 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
- 0 = Other Inspections not related to injection or The Reclamation Fund
- E = indicates some form of enforcement action taken in the field (show immediately below the letter U. R or O)

- P = Production
 1 = Injection
 C = Combined prod. inj.
- operations
- U Underground Storage
- G General Operation
- P = Facility or location
- O = Other



NEW MEXICO OIL CONSERVATION COMMISSION

INSPECTION	NOHABB HEHUAHOZ	PACILITY	H O U R S	QUARTER HOURS	Name JACK GRIFFIN Date 06-08-9 Miles 40 District I Time of Departure 7 AM Time of Return 4 PM Car No. G-0 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	0	P	1	ę	Jule Bus at magness-Rand Front O'Back, hatte
T	U	C	8		80 Wells - Buckeye area - BHT on: Phillips Pet - EVGSAU
0	0	P	/		Wester State Magness - Round Prop - 10 Both Ball
					Mileage Per Diem Hours UIC UIC UIC 8 RFA RFA RFA Other Other 2
	H = H P = F T = W R = F	rormi lugg: lugg: lell ' Repai: later: lisha:	keepiling ing C Test r/Wor flow p or Cont		injection and production wells, water flows or pressure C = Combined prod. inj. tests, surface injection equipment, plugging, etc.) operations R = Inspections relating to Reclamation fund Activity U = Underground Storage

I	ro	P A	H	0]		84 - CASA	PIZLD	TRIP REP	TI BRICH	
S	A S S	C	U R	A R	Mare	JACK GR	IFFIN		Date 06-09-95	Miles	224 District I
ECT	III	L I	5	E	1				· ·	, -	Car No. G- 04
ION	FHUATHOX	Ŷ		H O U R	In the performance	space bel	ow indicate	s the pur	pose of the trip	and the du	ties
0	0	P	1		1 Och	06 or 19as	o sate Th	Magni	and harden	<u> </u>	O Little Batte
					M. Prince		6 M Pref	(Seemedet good on	Gelestos	
H	0	P	8		30We	els- Cro.	proads	are	a- House	Reeping	ers - all OK
0	0	P			Stirl swar Bur & June	and the second second second		<u> </u>			
					e de con				- Lowedil		Both Bother.
							· ·				
							····-				
						Mileage UIC			er Dien	Hour	8
						RFA		RI	'λ	RFA .	
						Other _	224	O:	ther	Othe	
-		INST		CN			INSPECTION CLASSIFICATI				ATURE OF SPECIFIC WILL OR PACILITY INSPECTED
	POTRO	Well Rope: Wete: Misk	ing Test Le/Me Le/	Cleam Spil	r	related results in yettle trats, in a importation of their a Roslowat E = indicate	to injection of from injection and product surface injections tens relation themportions tion fund	n project. ction into ction well: ction equi: g to Recla: not relat	- Any inspection o facility, or well any well. (5MD, 2 a. water flows or powent, plugging, at mation Fund Activited to imjection or ement action taken the letter U. R or	or Programme Construction Const	Drilling Production Injection Commissed prod. inj. operations SMD Underground Storage General Operation Facility or location Mosting Other

NMOCD Inter-Correspondence

To:

Gary Wink-NMOCD Field Rep. II

From:

Wayne Price-Environmental Engineer District I

Date:

May 26, 1995

Reference:

Area H2s Survey

Subject:

Oak Grove Sub-Division Area

Off C-76

NE of Hobbs, NM

Comments:

Dear Gary,

Please find enclosed the results that You and I measured during our visit to the above mentioned area on Tuesday may 23, 1995. I have also included attached the information I received from GPM on the gas line that is connected to the New Rand Oil & Gas battery and have calculated the H2s radius of exposures. (see attached).

Conditions:

Windy 15-20 mph guest up to 40 mph

Temp 70 F

Wind direction out of SW to W

Time: 9:30 am-10:30 am

Instrument:

Arco-

Rand Tank Battery:

Note: Radius of exposure limits attached.

NW/4 sec 19 Ts 17s R39 e

Water Tank Hatch
Oil Tanks 0-1 ppm

Note: Crow on gitte page in the pag

Note: Crew on site repairing new tank hatch leak. Hatches open to pump liquids in & out for test.

Arco A comm Lease Battery:
unit f sec 18-Ts 17s-R39e
Note: Water tank hatch found open- 130 ppm

F&M Tank Battery:
660 fnl 66 fel sec 13-Ts17s-R38e
Fed Davis Tank B
1700 ppm
Note: Tank top has lost integrity, rusted holes in it.

F&M Hollway SWD tank: 660 fnl 1980 fel sec 13-Ts17s-R38e >10,000 ppm

Avar Tank Battery: Amerada Hardin #1 Unit B sec 24-Ts 17s-R 38E Open top water tank(no net) - 92 ppm

cc: Jerry Sexton-District I Supervisor

This program calculates Radius of Exposure for Hydrogen Sulfide releases.

It gives the distance in (feet) which 100 ppm and 500 ppm H2S can be expected.

The program will ask for concentration of H2s in the gas in ppm and flow rate of gas in Q in mcf/day'

Enter the concentration of H2s in ppm? 39500

Enter the gas flow rate in MCF/day ? 59

Enter the operators name? Rand Oil & Gas/ GPM Enter Unit #? nw/4
Enter Sec # ? 19
Enter Ts # ? 17
Enter R # ? 39

OPERATOR: Rand Oil & Gas/ GPM

LOCATION: unit nw/4 section 19 Township 17 Range 39

100 ppm H2S at 171.0854 feet 500 ppm H2S at 78.17973 feet

Press any key to continue



MEMORANDUM OF MEETING OR CONVERSATION

Telephone Personal	Time 9: 25/1/4	Date 5-25 7.5	
Originating Party	<u>/</u>	Other Parties	
BUD LANDON - C-FM			
Subject RAND OIL & GAS			
JKR Usg LAKUR			
NW/4 SEC 19- TS	175-R39E		
Has couti	FLACE AVE	.95 MOLE 70 7 39,5	ioo MW
			1
· ·			
		·	
Conclusions or Agreements			
··			
	···		
Distribution CC: JERRY JEXTO.	Sig	ned Malp (air	

FROM: Wayne Price

TO: Roger Anderson DATE: 05-23-95

TIME: 14:52

CC: Gary Wink

Jerry Sexton Wayne Price

SUBJECT: H2S Complaint

PRIORITY: 4

ATTACHMENTS: RM-RAND

Dear Roger,

Please find attached (E-Mail attachment) information concerning a H2S complaint. Jerry Sexton requested that you be made aware of the situation.

Thanks!

NMOCD Inter-Correspondence

To:

Roger Anderson-Environmental Bureau Chief

From:

Wayne Price-Environmental Engineer District I

Date:

May 22, 1995

Reference:

H2S Complaint

Subject:

Ray Magness

11308 Ridge Ln.

off C-76

Lea County, NM NE of Hobbs, NM

Oak Grove Sub-Division

Comments:

Dear Roger,

Jerry Sexton requested I inform you of the following information:

District I personnel have been investigating an ongoing complaint issued by a Mr. Ray Magness concerning hydrogen sulfide vapors in and around his house. Mr. Magness's house is located approximately 300 yards northeast of the Rand Oil & Gas tank battery located in unit K sec 18-Ts17s-R39E. This is a new system, recently installed. As of to date, they do not have a vapor recovery system installed. Mr. Magness indicated to me he measured 5 to 10 ppm of hydrogen sulfide in his house last night.

The total source of the problem has not yet been identified by our office. There are other wells, pipelines, and tank batteries in the surrounding area.

Jerry has ask me to try and Identify the source. I have discussed the situation with Mr. Magness. Mr. Magness is very frustrated at this point and has contacted the EPA "per his comments." Mr. Magness is in the Safety Business in this area and is very familiar with safety issues and test equipment. Mr. Magness ask me what can be done about this situation. I told him he probably needs to start by submitting in writing the problems he is experiencing. He indicated he will do this. Mr. Magness has also suggested that Rand Oil & Gas implement a H2S contingency plan.

He indicated that Rand Oil & Gas will not return any of his calls.

Please note, District I personnel have been called out a number of times, but when we get there the problem is usually gone. I had the same experience today when he called however, his problem is usually at night or early morning when the conditions are more conducive. His house also sets in a low lying area in the normal migration path of the prevailing winds.

I have given him my home telephone number so as to try to catch the problem when it is actually occurring. Both he and his wife indicated they have experienced sickness and headaches during these periods. His son who lives in the same area has also had problems according to Mr. Magness.

Please find attached my field and complaint form report attached.

cc: Jerry Sexton-District I Supervisor
Attachments-2 (via mail)

file: RM-Rand

CLASS IF HOATHO	H O D	Q U A R		FIELD TRIP REPORT	5 Miles 30 District I
I I		E			4 PM Car No. G 047
TOAR-10N		H O U R S	In the space below indicate	ate the purpose of the tri	D and the duties
				S NEW BALLBAY	,
			ANSCHULT ME		
			CREW INSTALLIAS NO SISN 15		WH + BEAMS;
			FROM IRRIGHT	EMALL FAIFAGERS	AN RECEIVES WHITEN MALL AMOUNT OF OIL The PIT BAST of
			Mileage UIC	Per Diem UIC	Hours UIC
			RFA	RPA	RFA
			Other	Other	Other
TYPE II	NSPECTI DRMED	ON	INSPEC CLASSIFIC		NATURE OF SPECIFIC WELL OR FACILITY INSPECTED
H = Ho P = P1 C = P1 T = We R = Re F = Wa M = H1	usekeep uqqing ll Test pair/Wi terfloo shap ot ter Co	Cleanup t orkover	U = Underground Injection related to inject resulting from in injection and protests. surface in R = Inspections related Regionation Fund E = Indicates some [c]	tion Control - Any inspection ion project, facility, or well prection into any well. (SNO, duction wells, water flows or spection equipment, plugging, ting to Reclamation Fund Activities not related to injection of enforcement action take Mataly below the latter U. Reclamation that	of or D = Drilling l or P = Production 2ndry I = Injection pressure C = Commined prod. inj. operations ity U = Underground Storage r The G = General Operation r = Facility or location n in the

I - indicates some form of enforcement action taken in the field (show immediately below the letter U. R or O)

	MILEAG
UIC:	
OTHER:	

OIL CONSERVATION DIVISION COMPLAINT FORM

PERSON COMPLAINING:	INFORMATION TAKEN BY:	<u>.</u>
NAME: RAY MAENESS	TAKEN BY: 24 YNG	RICK
ADDRESS: CORNER OF CENAR CREST		
T RINGE LANE att C-76	IN PERSON:	BY PHONE:
		-
PHONE: 392-80.90		:
COMPLAINT: H, 5 SMFIL IN	HOUSE 25 HM	
COMMENTS:		· · · · · · · · · · · · · · · · · · ·
		:
- INVEST	IGATION -	
INVESTIGATOR: 2Ayr. Pres		
DATE: 5/27/95		
TIME: 11: 45 Am - 12:35 Am		
DESCRIBE INVESTIGATION AND FINDINGS:	ZIND BLOWING	15-30 MAH
DESCRIBE INVESTIGATION AND FINDINGS: 5-56 - NO SMELL BY	INP DIFIARTE	14
CHEZHED RAND 0 + G PALLE	10 M 710 VAS 5	3 541 -
NO SMELL - CREW ON S		
AISCUSS ISSUE WITH		
THEY ARE PUTTING IN IMAG THE AMOUT OF TRUCK	Activited At	11.844.
1/3 1/RS III TRIVE	April 1/2 At To	SU STUL HA
WATER + A SMALL pool of SIL	IN It. FRIVES T	o out BULL PLUS
IN NEW VELL MAAN MAGNES	OW-UP AND F	, , ,
DATE:	$\beta \beta \gamma (\alpha \beta \gamma \gamma)$	
TIME:		
ACTION TAKEN:		
RECOMMOND FID / H25	STUPY DORING	ACTUAL CONDITI
TO VERIGI SOURCE.		/
	// trustion	
	well !	
*ATTACH ADDITIONAL SHEETS, IF NECESSAF	RY	
CC; J SGXTON E NINH		
E NINT		

M	TT	T	٩	~
'1	7	L	a	U

UIC:	
OTHER:	

OIL CONSERVATION DIVISION COMPLAINT FORM

PERSON COMPLAINING:	INFORMATION TAKEN BY:
MAME:	TAKEN BY: SONW SOLTON
DDRESS: Range Street	DATE: TIME:
Dona	IN PERSON: BY PHONE:
PHONE:	
COMPLAINT: 123 - Simell	
COMMENTS:	
	GATION -
INVESTIGATOR: Serry Senter	
DATE: 1/15/195	
TIME:	
DESCRIBE INVESTIGATION AND FINDINGS:	X no. to source of
<i>,</i>	
Ω Ω 14	monetaring H2 &
	rous likes
indicated - attem	pt to discour
source of oder?	
<i>!'</i>	
- FOLL	OW-UP -
DATE:	
TIME:	
ACTION TAKEN:	

*ATTACH ADDITIONAL SHEETS, IF NECESSARY