

BW-005

**Brine Well
Incident Command
Center**

**YEAR(S):
2008**

Richard R. Carrasco

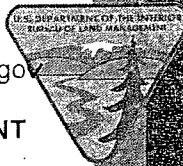
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U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE



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Thomas C. Schneider
Reporter

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Rudy Duran
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David Duran Jr.
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STATE OF
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361-3594

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365-4426



Eddy County

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2611 S. 13TH STREET
ARTESIA, NM 88210

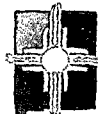
ROBERT R. FERNANDEZ
NORTH EDDY COUNTY
ROAD FOREMAN
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GEORGE VENI, Ph.D. EXECUTIVE DIRECTOR



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STATE OF
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OFFICE OF THE
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EDDY COUNTY ROAD
SUPERINTENDENT
CELLULAR (505) 361-3403

STATE OF
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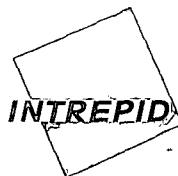


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SENIOR HYDROLOGIST

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INTREPID POTASH

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Chief Mine
Engineer

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INCIDENT BRIEFING	1. INCIDENT NAME JWS BRINE WELL COLLAPSE	2. DATE PREPARED 7-19-08	3. TIME PREPARED
4. MAP SKETCH TURN COMMAND OVER TO GLENN VONGOUZEN (NON-ICS) APPROVED BY NMSP - CRIS CLEMENTS CONDITIONS: OJT WITH CONTACT TO ICS TRAINED - PERSONNEL - <u>2 PRICE</u>, <u>DAVE HERRELL</u> <u>JOEL ARN WING</u> - BRIEFING ON COMMAND TRAILER ☒ • ICS - ☒ • COMMUNICATIONS - ☒ • SAFETY - ☒ • PROCEDURES - ☒ • COLLAPSE ISSUES - ☒ NMSP - 575-622-7200 (DO NOT RELEASE #)			
ICS 201 (12/93) NFES 1325	PAGE 1	5. PREPARED BY (NAME AND POSITION)	

Dave Evans
420-0400

INCIDENT BRIEFING	1. INCIDENT NAME	2. DATE PREPARED	3. TIME PREPARED
4. MAP SKETCH 1735. Turned over command to Wayne Price. Walked around sinkhole, observed concentric fractures parallel to structure. Established minimum ^{future} fenced distance from hole. JWS will start fence next week. Temporary warning signs will go up tomorrow.			
ICS 201 (12/93) NFES 1325	PAGE 1	5. PREPARED BY (NAME AND POSITION) <i>David M. Harrell Outgoing IC</i>	

INCIDENT BRIEFING	1. INCIDENT NAME	2. DATE PREPARED	3. TIME PREPARED
4. MAP SKETCH 7/22/2008 @ 09:30 TURN TURN COMMANDS OVER TO Dave Hamnell AS IC. BRIEF ON FENCING ISSUES " " LEVEL II WITH MCC RELEASES. Cvch ORIGINALS			
ICS 201 (12/93) NFES 1325	PAGE 1	5. PREPARED BY (NAME AND POSITION)	

7.24.08 Continued

TIME	MAJOR EVENTS
07:20	Mark Nethifin Left.
07:30	Dinas Arrived
0800	David Howell assumed IC
0820	Initiated discussion w/ Joel regarding demobilization of command center this afternoon. He will discuss status of road w/ county messenger.
0850	Significant collapse
0900	Helicopter Flyover
0930	Completed walk through and measured fence and closest point to fence - next to road - and outermost fracture - 118'
0943	Called Joel Arwino. County will decide when to open road. Plan on closing FC at 1300
1000	Fence complete, signage up, gate secured. (note: significant activity at 0849)
1118	Radio check, S.O. OK
1130	Dark-briepel, SGT Clemente, DIMSP.
1220-1245	Sustained collapse activity on North + east walls
1300	Complete walk around. Significant activity. Gate secured. 10-7 End of Incident command 1300 24 Jun / 88
X	
214 ICS 5-80	9. PREPARED BY (NAME AND POSITION) David M. Howell II

David M. Herre II
~~David M. Herrell~~

TIME	MAJOR EVENTS
074723 JUN 10 ⁸	Operational, (10-8 with SO / NM SP)
0800	Safety brief. Three crews: Badger, APSI, Roadrunner; 18 persons.
0930	SGT / Chris Clements, NM SP, arrived. Briefed SGT Clements and did walk around. Everything OK.
0945	Alvin Herrera arrived. He released Mark Netherlin as Safety Officer.
0959	Jim Harr, Mark Narvingo (NM SLO) walk thru. 10-4
1200	Most workers went to lunch.
1252	Tim Britchard, Reed & Stevens put Travis well (wood) back on line.
1300	Crews back from lunch.
1329	Radio check with SO.
1430	Walk around. West, south, and east side of perimeter 4-strand barbed wire fence complete; laying in 4th strand on north side. Gate and signage needs to be done.
1450	Back-briefed Joel Arwine. Plan to demobilize tomorrow. Will coordinate with Joel on fuel requirements and pick-up of equipment.
1455	Back-briefed Wayne Price.
1511	Jim Griswold and Leonard Lowe OGD arrived. Briefed and conducted walk-around. OK.
1600	Radio check SO. OK. Back-briefed SO and SP on operations tonight.
1630	Leonard Lowe assumed IC.
1710	Mark Netherlin arrived.
19:40	South + SE sidewalls cave ~ 50 ft.
~ 23:00	SO visited. Did not know anyone was out here overnight.
073524 JUL 08	Walked around, small crashing, appears to have gotten larger on South side.
07:10	Adrian 3 individuals from fence Co arrived & signed in. Mark & gave safety mtg.
07:15	Adrian arrived. Signed in.
214 ICS 5-80	9. PREPARED BY (NAME AND POSITION)

Historical

TIME	MAJOR EVENTS
TUES	07/22/2008
0800	David Herrell relieved Glen Von Gonten of IC.
0900	Spoke to FC Emergency Manager: Stop 24 drops at 1700. JWS will have CP kept. Operations 0800-1700 daily until fence up, open road, coordinate appropriate; demobilize IC.
1052	Brief JWS on change to daily operations. Sheriff briefed on change. Visited site at 0925 (Sheriff Wetter)
1100	Spoke to Dennis, JWS, he will have two to 3 more crews out to work on fence and back-hoe to work on drainage from sinkhole (will try to divert) drainage from high ground on east side of sink.
1200	Two more fence crews arrived.
1225-	Back-hoe crew arrived. Started operation. Crew will stay on high ground east of sink hole, about 700 ft from center of sink, parallel to CP.
1330	Adrian Denis assumed duties as safety officer. Did walk around. Nothing new
1400	Walk-around. 10-4
1417	Radio check SO. 10-2 (good)
1445	Budger construction team arrived. APSI and Budger construction on scene.
1524	Back-briefed SO. Close patrol
1540	Back-briefed Wayne Price.
1540	Back-hoe crew finished trench - did a good job.
1615	Mark Fleming arrived. Briefed Mark on operations and walked perimeter. Perimeter OK. Most posts around hole have been laid. 3 strands strung on southwest side, next to CR 217. Also, received 40 gallons clear diesel-oil.
1700	Out of service. Operations will begin 0800 7/21/22
214 ICS 5-80	9. PREPARED BY (NAME AND POSITION) David M. Herrell, IC

TIME	MAJOR EVENTS
21:00	7/18/08 SENT STATUS REPORT TO M FESMIKE
21:49	CHECKED 217 TO CG - ALL OK
07/19/08 0200	" " " " - " " LT RAIN 73° WIND
0600	" " " " " " CLEAR - PC 73° "
0700	COLLECTED SOUTH-SIDE GPS DATA AT OUTER PERIPHERY FISSURES
0730	NOTED COLLAPSE - SOUND - NO VISUAL
9:00 AM	INSTALLED (2) SIGNS (NMSLO) off 217
7/19 09:22	AIRPLANE FLYOVER
09:40	SECONS FLYOVER
10:15	SAFETY MTC
11:00	Command Briefing complete - Command turned over to Glenn van Borton from Wayne Price
11:45-12:30	WALK AROUND: WP, PAT, ETH, GUG, MARK: CC @ WACHMAN
	* (CHECK) NONE CONTINUOUS; APTS NOT VISIBLE @ MOUND(S)
12:45	33 Gals DIESEL @ UNITED FUEL + SUPPLY
17:00	PAUL VANONCIA REMOVED FROM MARK NETHARTON @ SAFETY OFFICER
7/20 07:30	7/20/2008: BWOODS IS QUIET - NO SPALLS
10:30	SAFETY MTC: MARK, PAT, ETH, GUG ↳ SITE SURVEY → 11:30 HRS
19:00	GEN'L QUIET - SOME SPALLS
21:00	NCKRI PRODS INDICATE CONTINUED GROWTH (EXCEPT W-SW-S)
7/21 08:00	JWS (DINAS), Jim Ann (SLO), COM. LEWIS (SURFACE LERSON) ↳ FENCE: → INSTALL BARBED WIRE @ CR 217 + HURRICANE FENCE AT LATER DATE
09:30	SAFETY MTC FOR ROADRUNNER FENCE CREW
09:45	SAFETY " " " H + SE MAR
09:30	NCKRI FLYOVER
11:30	BEGIN FENCE @ CR 217
13:45	WALK AROUND W/ ENOYCS. EOM
14:00	FENCE POSTS SET WAIT ON CMT, ROADRUNNER OFFSITE
22:00	TWO TRESPASSERS IN WHITE 4 DOOR HD TRUCK SNUCK ON SITE FROM NORTH 2 TRACK TO COWTOWN CR 233 - REPORTED TO STATE POLICE @ 22:05 - 22:10

[illegible]

[illegible]

NFES 1337

INCIDENT OBJECTIVES	1. INCIDENT NAME <i>JWS Brine well collapse</i>	2. DATE PREPARED <i>23 Jul 08</i>	3. TIME PREPARED <i>0800</i>									
4. OPERATIONAL PERIOD (DATE/TIME) <i>D 800 - 1700 23 Jul 08</i>												
5. GENERAL CONTROL OBJECTIVES FOR THE INCIDENT (INCLUDE ALTERNATIVES) 1) <i>Manage Incident</i> 2) <i>Crews putting up 4 strand barbed wire outside concentric fracture zone (see incident map) and gate</i> 3) <i>Complete fencing next decade + signage</i> 4) <i>Demobilization plan</i> a) <i>Complete fencing + signage</i> b) <i>Develop monitoring plan</i> c) <i>Coordinate with: ECSD, WMSF on opening road; OGD, other state; + Eddy County Emergency Management.</i> d) <i>Equipment security and turn-in</i> 5) <i>Logistics: food, water, fuel for Mob Center</i>												
6. WEATHER FORECAST FOR OPERATIONAL PERIOD												
7. GENERAL SAFETY MESSAGE												
8. ATTACHMENTS (✓ IF ATTACHED) <table style="width: 100%; margin-top: 10px;"> <tr> <td>☐ ORGANIZATION LIST (ICS 203)</td> <td>☐ MEDICAL PLAN (ICS 206)</td> <td>☐ _____</td> </tr> <tr> <td>☐ ASSIGNMENT LIST (ICS 204)</td> <td>☐ INCIDENT MAP</td> <td>☐ _____</td> </tr> <tr> <td>☐ COMMUNICATIONS PLAN (ICS 205)</td> <td>☐ TRAFFIC PLAN</td> <td>☐ _____</td> </tr> </table>				☐ ORGANIZATION LIST (ICS 203)	☐ MEDICAL PLAN (ICS 206)	☐ _____	☐ ASSIGNMENT LIST (ICS 204)	☐ INCIDENT MAP	☐ _____	☐ COMMUNICATIONS PLAN (ICS 205)	☐ TRAFFIC PLAN	☐ _____
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9. PREPARED BY (PLANNING SECTION CHIEF)		10. APPROVED BY (INCIDENT COMMANDER)										

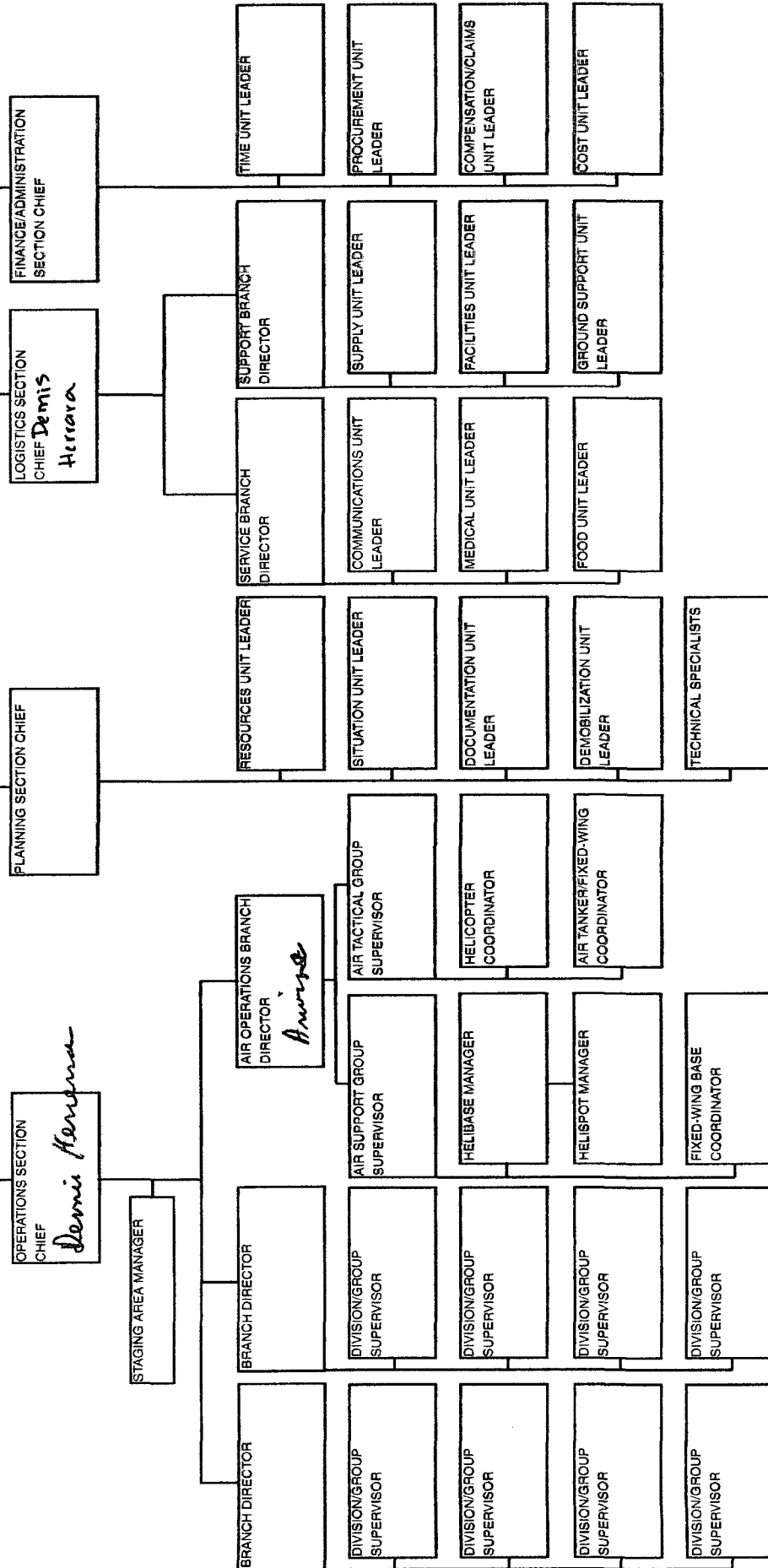
MEDICAL PLAN	1. INCIDENT NAME	2. DATE PREPARED	3. TIME PREPARED	4. OPERATIONAL PERIOD				
	JWS BRINE WEL	7/18/08		→				
5. INCIDENT MEDICAL AID STATIONS								
MEDICAL AID STATIONS	LOCATION			PARAMEDICS				
				YES	NO			
COMMAND CENTER	ON SITE				✓			
6. TRANSPORTATION								
A. AMBULANCE SERVICES								
NAME	ADDRESS	PHONE	PARAMEDICS					
			YES	NO				
CALL 911								
B. INCIDENT AMBULANCES								
NAME	LOCATION			PARAMEDICS				
				YES	NO			
7. HOSPITALS								
NAME	ADDRESS	TRAVEL TIME		PHONE	HELIPAD		BURN CENTER	
		AIR	GRND		YES	NO	YES	NO
8. MEDICAL EMERGENCY PROCEDURES								
CALL (911) AND USE 2250 NORTH 2-WAY RADIO								
206 ICS 8/78		9. PREPARED BY (MEDICAL UNIT LEADER)			10. REVIEWED BY (SAFETY OFFICER)			
		[Signature]			X			

INCIDENT OBJECTIVES	1. INCIDENT NAME JWS BRINE WELL COLLAPSE	2. DATE PREPARED 7-17-08	3. TIME PREPARED 22:00									
4. OPERATIONAL PERIOD (DATE/TIME) 7-17-08 - 7-18-08												
5. GENERAL CONTROL OBJECTIVES FOR THE INCIDENT (INCLUDE ALTERNATIVES)												
BRINE WELL COLLAPSE - MONITOR FROM SAFE DISTANCE KEEP CLRD 217 BETWEEN BLUESTEM 360 & ILLINOIS CAMP ROAD CLOSED UNTIL EXTENT of HOLE SIZE CAN BE DETERMINED. MAKE ARRANGEMENTS TO FENCE LOCATION & POST WITH WARNING SIGNS & NO NO TRESSPASS SIGNS GATHER DATA TO DETERMINE MAX RADIUS of POTENTIAL SUBSIDENSE -												
6. WEATHER FORECAST FOR OPERATIONAL PERIOD												
GENERALLY CLEAR FEW TS/RS IN AREA												
7. GENERAL SAFETY MESSAGE KEEP AREA SECURED FOR PUBLIC SAFETY												
8. ATTACHMENTS (✓ IF ATTACHED)												
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☒ COMMUNICATIONS PLAN (ICS 205)	☒ TRAFFIC PLAN	☐ _____										
9. PREPARED BY (PLANNING SECTION CHIEF)		10. APPROVED BY (INCIDENT COMMANDER) 										

Incident Name JWS Brunell
Operational Period 0800-1700 Callloged
Date 2-21-08 Time 24 5-1 08

INCIDENT COMMANDER
Hunell

SAFETY OFFICER Adrian Pleguez
LIAISON OFFICER Leopoldo
INFORMATION OFFICER Jim Burwald



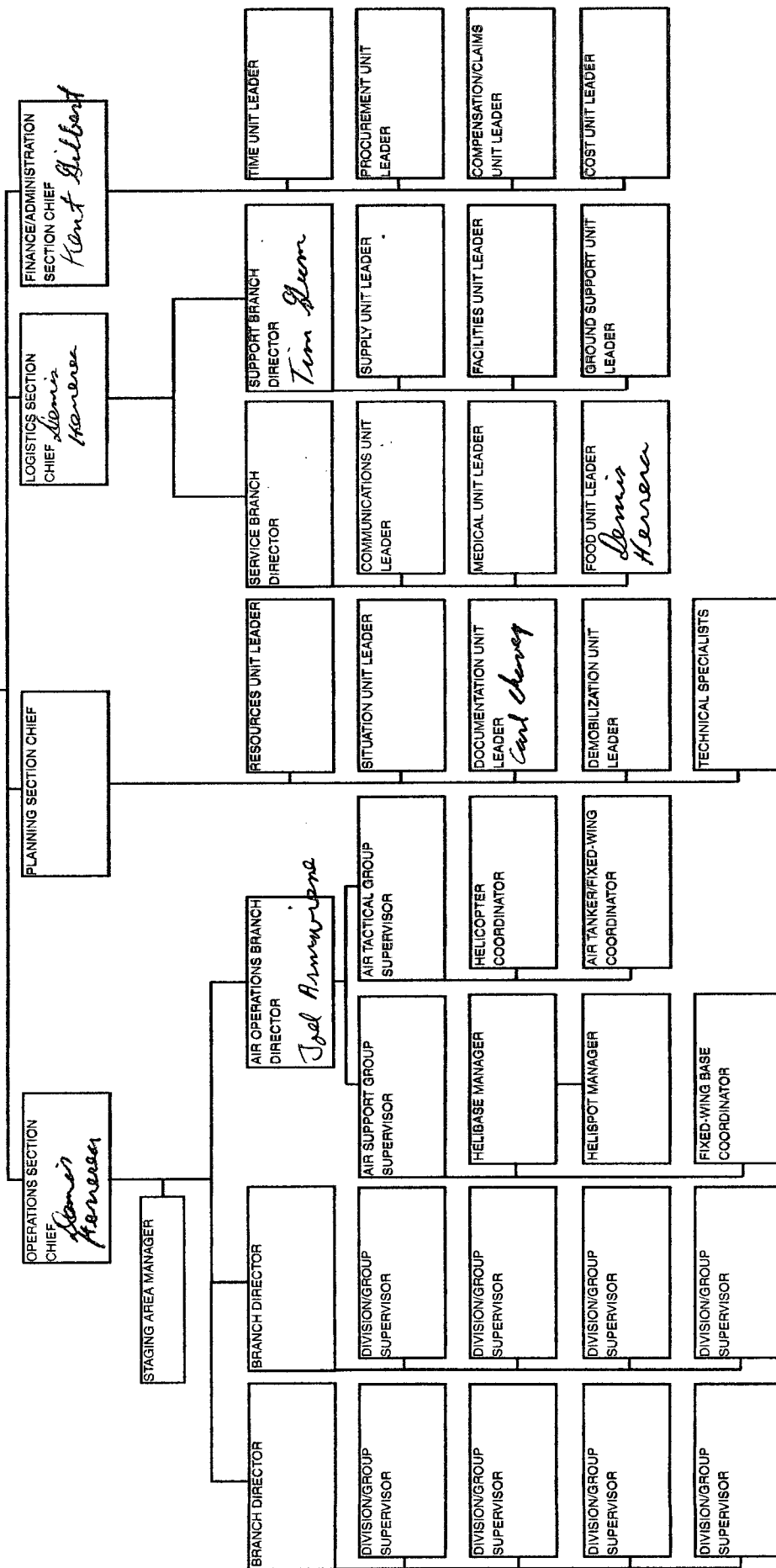
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446-3788

Incident Name TWS Brimwell #5
Operational Period 0800-1700
Date 13 Jan 1988 Time 0800

INCIDENT COMMANDER
David Porter
General

SAFETY OFFICER Adrian Harris
LIAISON OFFICER
INFORMATION OFFICER Paul Porter

163007J0106



OD
476-3488

Dave Hansen
@ 7/12/08
@ 0800

WAYNE PRICE GREENE VON GOTTEN @ 7/19/08 @ 12:42
7/18/08 17:40M - 0800 18:00 08

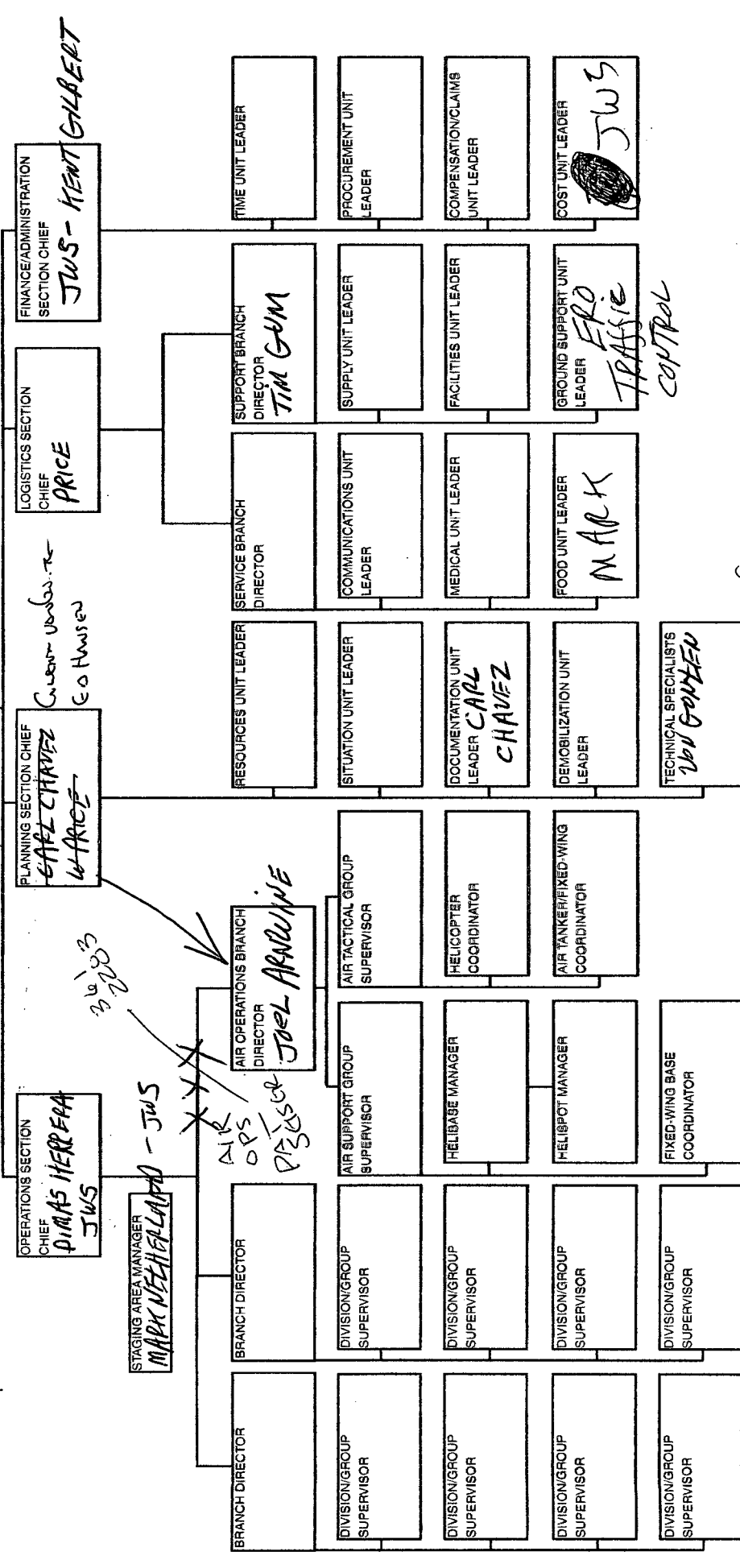
Adrian Danna's 130 L2JL

07/12/08 ED HANSEN
PRICE

Incident Name **JWS ARMY 2nd FL COLLAPSE**
Operational Period **START 7/17/08**
Date **7/17/08** Time **9:30 AM**

INCIDENT COMMANDER
~~WAYNE PRICE~~
-OCD
Dave Hansen
0800 18:00 08

SAFETY OFFICER **DAVE HANSEN**
LIAISON OFFICER **CARL CHAVEZ**
INFORMATION OFFICER **W PRICE / J PORTER**



476-3488
OCD

Sign In/Out Sheet
072308

072308

~~Friday~~
~~July 25, 2008~~

[illegible]

Tuesday
July 22, 2008

PAGE 2

Historical Sign In / Out Sheet

Tuesday
July 22, 2008

6. SUMMARY OF CURRENT ACTIONS			
Name	Representing	Time In	Time Out
Cody Jordan	Roadrunner	8:24 AM	4:20
SKIPPY BIPPS	Roadrunner	8:24 AM	4:20 PM
Amy Loya	Roadrunner	8:24 a.m.	9:06 AM
Shawn Anulik	Roadrunner	8:30 am	9:09 AM
Jim Carr	NM SLO	9:00 AM	10:00
Rent Waller	F.C.S.D.	9:25	9:35
Dimas Herrera	Jim's Water Service	10:34	11:40 pm
Robert R. Fernandez	Eddy County	11:00 AM	11:50 A.M.
David Herve	BLM	0800	1700
Mark Neathurkin	JWS	07:30	11:30
Juan Barcia	APST	12:07	3:02
Arturo Perez	APSI	12:07	3:02
Jose Hernandez	APST	12:07	4:30
Alonso Garcia	Badger BMB	12:28	4:30
Martin Garcia	Badger BMB	12:28	4:30
Cody Franco	Badger BMB	12:28	4:30
Adrian Dennis	JIM'S WATER SERVICE	1:29	5:00
Jesus Villalobos	APST	1:40	4:30
Randolfo Rodriguez	PPSI	1:40	4:30
Shawn Anulik	Roadrunner	2:20 pm	4:27 pm
Frank Sanchez	Roadrunner	2:20	4:20
Robert E. Hougland	Roadrunner	2:20	4:20
Calisto Mendez		2:20	4:20
Adrian Baez	Badger	2:40	4:31
Carlos Salinas	Badger	2:40	4:31
Hardo Reyes	Badger	2:40	4:31
Joe Fuguo	Badger	2:40	4:31
Carlos Barrera	Badger	3:00	4:31

Sign In/Out Sheet

~~Thursday~~
July 24, 2008

Print		6. SUMMARY OF CURRENT ACTIONS	
Name	Representing	Time In	Time Out
Mark Weatherly	JWS	5:00 PM	9:37 ←
Arturo Rodriguez	R. D.	5:00	5:15
Harvey Guerra	R. D.	5:00	5:15
Jesus			
0800 23 Jul 08 Herald 0745			
ALEX MUÑOZ	RR	7:13	4:40
Marc Rodriguez	RR	7:13	4:25
CHRIS MUÑOZ	RR	7:13	4:00
Adrian Huestis	RR	7:13	4:00
Jimmy Broughton	RR	7:13	4:00
Randolfo Rodriguez	APSI	7:20	11:59
Jesus Villascas	APSI	7:20	11:59
Jose Hernandez	APSI	7:20	11:59
Adrian P. R.	Badger	7:28	11:22
Carlos Salinas	Badger	7:29	11:22
Armando Reyes	Badger	7:29	11:22
Alonso Garcia	Badger	8:01	
Marta Garcia	Badger	8:11	3
Cody Franco	Badger	8:11	11
Shawn Anulik	Roadrunner	8:14 AM	8:48 AM
Rmy Loya	Roadrunner	8:15 a.m.	8:48 a.m.
Victor Loya	Roadrunner	8:16 am	4:00
Elden Houghton	Roadrunner	8:15 am	4:00
C. C. Clements	NMSP	0900	0930
Dimas HERRERA	Jim's Water Service	9:32 am	11:19 AM
JIM CARR	NMSLO	9:48	11:06
Mark Nacampo	NMSLO	9:50	11:06

July 23, 08

Monday
July 21, 2008

July 23, 2008

Sign In/Out Sheet Monday July 21, 2008

Print		6. SUMMARY OF CURRENT ACTIONS	
Name	Representing	Time In	Time Out
Robert R. Fernandez	Eddy Co.	7:50 AM	9:07 AM
Jim Carr	NM SLO	8:13 AM	9:40 AM
Dimas HERRERA	Jim's Water Service	8:13 AM	12:03 PM
ISRAEL VALENCIA	JIM'S WATER SER.	8:14 AM	9:24 AM
Shawn Haulik	Roadrunner ENV	8:19 AM	12:26 PM
LEWIS DERRICK	Rancher	8:20	11:15 am
Mark Neatherlin	JWS		8:40 out
Mike Felkins	Roadrunner ENV	8:57	10:55 out
Marc Rodriguez	Roadrunner ENV	9:07 AM	2:20 PM
Alex Munoz	Roadrunner ENV	9:07 AM	2:20 PM
Chris Munoz	Roadrunner ENV	9:07 AM	2:20 PM
Ben R. Ortega	Ben R. Ortega	9:40 AM	12:20 PM
Roberto Salgado	Roadrunner	10:28	2:20 PM
Carro Banares	Roadrunner	10:28	2:20 PM
Antonio Ortega	Roadrunner	10:28	2:20 PM
Ruben Harris	JWS	11:05	11:30
Tom M. Guire	Intrepid Potash	11:30	12:00
Tommy White	Intrepid Potash	11:30	12:00
TIM PRITCHARD	READ & STEVENS	12:18	12:24
Mark Neatherlin	JWS	12:22	5:30
JIM CARR	NM SLO	1:30 PM	2:00 PM
Jenny Lennil	Eddy Co. Comm	1340	1425
Robert Brader	Eddy CEM	1340	1425
Joel Arnuine	Eddy CEM	1340	1425
Antonio Rodriguez	Roadrunner	2:30	3:00 PM
Shawn Haulik	Roadrunner	2:30	3:00 PM
ICS 201 (12/93) NFES 1325		PAGE 2	

Sign In / Out Sheet

Sunday
7-20-08

Print		6. SUMMARY OF CURRENT ACTIONS	
Name	Representing	Time In	Time Out
Joey Barrow	DCP	8:40	8:45
Mark Weatherlin	JWS	9:23	
Kent Gooden	Readt Stevens	11:00	11:15
Glenn van Gorkum	OCD / IIC	09:45 HRS	
Barbara Barrows	Citizen	14:08	14:11
Dolores Barrows	Citizen	14:08	14:11
Lewis Neff	Citizen	14:08	14:11
Edward J. Hansen	OCD / DIC	14:44	
BRAD DUEHAN	JWS	7:27 ⁷²¹	8:15AM
Rudy Duran	Double D	7:30	8AM
ICS 201 (12/93) NFES 1325		PAGE 2	

7-21-08

SIGN-IN/OUT 7/18/08

6. SUMMARY OF CURRENT ACTIONS

[illegible]

SIGN-IN / OUT 7/18/08

6. SUMMARY OF CURRENT ACTIONS			
NAME	REP:	IN	OUT
Carl Chavez	OOD	7/17/08	
W PRICE	OOD	7/17/08	
Paul Valencia	JWS		7/18/08 7:40 AM
Mark Neatherlin	JWS	7/18/08 7:30 AM	
PAT SEISER	NCKRI	7/18/08 8:00 AM	12/0
David M. Herrell	BLM	7/18/08 0800	
Michael Marsden	Yates Drilling	7/18/08	OUT
Greg Boans	Yates Drilling	7/18/08	OUT
Quentin Barron	NMDPS/MTD	7/18/08	9:30 AM 9:45
JESUS F. VAZQUEZ	Eddy County S.O.	7-18-08	0941
Pete MARRIET	ELSO	7-18-08	0941
Tom Schneider	Carlsbad Currier & Imig	624-3350	9:45/10:00
BRAD DURHAM	JWS	365 7846	9:45/12:15
TJ Green	Artesia Daily Press	1000	11045
Neil Knott	Spectator	10:15	10:20
DAVE BEESZ	BLM Carlsbad	1017	10:34
Ken Harrington	BLM Carlsbad	1017	10:34
James R Maloney	LHWD	10:15-30	
Richard Carrasco	BLM	10:30	10:45 am
Robert R Fernandez	Eddy Co.	10:35 A.M.	
Brian Roberts	KBIM-TV	11:07	11:47 AM
Andy Morley	SEO	11:45	12:00
John Steward	SEO	" "	" "
GREG ALVARADO	SEO	" "	" "
TIM FRITCHAM	READ STEVENS	7-18-08 12:15	12:30
PAT SEISER	NCKRI	" 1:00	2:41
HEIDI RIECK	BLM	IN 1:18 pm	OUT 2:16 pm
Jay Z Galy	1:25	1:30	
ICS 201 (12/93)	PAGE 2		
NFES 1325			

Historical Sign In / Out Sheet ~~Wednesday~~
Tuesday 7/22
July 23, 2008

~~Wednesday~~
Tuesday
July 22, 2008

6: SUMMARY OF CURRENT ACTIONS			
Print Name	Representing	Time In	Time Out
Antonio Ortega	Antonio Ortega	3:00	
Roberto Salgado	Road Runner	3:00	3:18
JOE FUGUA	Badger		3:18
Mark Fesmire	WYOMING	1615	4:45
Mike Riddle	UNITED FUEL	after	1615
Alonso Garcia	Badger DMB	9	1645
Long Closed			
DMB			

Out Bank

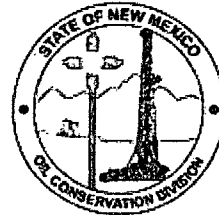


New Mexico Energy, Minerals and Natural Resources Department

Bill Richardson
Governor

Joanna Prukop
Cabinet Secretary
Reese Fullerton
Deputy Cabinet Secretary

Mark Fesmire
Division Director
Oil Conservation Division



July 17, 2008

NEWS RELEASE

Contact: Jodi McGinnis Porter,
Public Information Officer 505.476.3226

Oil Conservation Division Investigating Brine Well that Collapses Into Sinkhole Over 400 Feet

SANTA FE, NM – The Environmental Bureau of the Oil Conservation Division (OCD) is on location investigating a brine well that has collapsed forming a sinkhole that is several hundred feet across and an unknown depth. The well, located on state trust land is approximately 17.3 miles southeast of Artesia, NM and situated about 1000 feet north of Hagerman Road and 2.4 miles southwest of State Highway 260. It is owned by Jim's Water Service and operating under OCD permit BW-005, API No. 30-015-0236. Wayne Price, Environmental Bureau Chief arrived on site this afternoon and is the designated incident commander.

"State, federal, local government and company officials are working together to stabilize the situation and determine the cause," stated Wayne Price, Environmental Bureau Chief for the Oil Conservation Division.

State Police are in the process of setting up a Mobil Command Center and have shut down a three mile stretch of Hagerman Road as a safety precaution. The State Engineer's Office reports that there is little shallow ground water in the area that could be threatened by the collapse.

As of 4:00 p.m. today, the sinkhole was still growing in size, but has not yet reached Hagerman Road to the South. The cause of the collapse is unknown at this time, but the well is in an area characterized by solution weathering and erosion in the subsurface, also known as karst topography, which includes caves, sinkholes, disappearing streams and subsurface drainage.

The operator, Jim's Water Service reported the disappearance of its brine supply to the Oil Conservation Division Wednesday morning, July 16, 2008. OCD inspectors photographed and measured the site, reporting that it has more than doubled in less than a 24-hour period and still growing.

Jim's Water Service produces brine for oil and gas operations by injecting water into the salt formation at the site, circulating the water until it is brine saturated. It then sells it as drilling fluid to the oil and gas industry.

Images provided by the Oil Conservation Division:



NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

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Kid's Page

Development

DISTRICT 2

District 2 - ARTESIA

1301 W. Grand Avenue
Artesia, NM 88210

OFFICE: (575) 748-1283 FAX: (575) 748-9720

Business Hours:

7:00 AM-12:00 PM and 1:00 - 4:00 PM

Monday through Friday

This office is responsible for OCD permitting, well data, inspection, and enforcement actions in Chaves, De Baca, Dona Ana, Eddy, Grant, Hidalgo, Lincoln, Luna, Otero and Sierra Counties of New Mexico. Public access is available to OCD's computerized data.

Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505
P: (505) 476-3440
F: (505) 476-3462

Staff:

Tim Gum - District Supervisor
Phone extension: 102
Mobile: (575) 626-0824

Vacant - District Geologist
Phone extension: 103
Mobile: (575) 626-3409

Price, Wayne, EMNRD

From: Bratcher, Mike, EMNRD
Sent: Wednesday, July 16, 2008 3:47 PM
To: Price, Wayne, EMNRD
Cc: Gum, Tim, EMNRD
Subject: JWS Former Brine Well
Attachments: DCP05911.JPG; DCP05913.JPG; DCP05914.JPG

Wayne,

Dimas Herrera w/Jims Water Service reported the disappearance of their Brine Supply well this morning. They had personnel on site yesterday and all was well. The attached photos show how it looks today.

Well file info shows top of salt section @ 416' and bottom @ 680'. It has been a brine supply well since 1978.

→ The well is: State 24 #1 API: 30-015-02036
J-24-18s-28e

They have already asked what I think the possibility of getting another well permitted would be.

Mike Bratcher

- 1 Field Inspections, Bradenhead, Packer, and Mechanical Integrity Tests, Well Plugging, UIC (Underground Injection Control) Program

Ronald Harvey
Phone extension: 113
Mobile: (575) 365-4005

- 1 Field Inspections, Bradenhead, Packer, and Mechanical Integrity Tests

Phil Hawkins
Phone extension: 106
Mobile: (575) 626-0836

- 1 Field Inspections, Bradenhead, Packer, and Mechanical Integrity Tests

Richard Inge
Phone extension: 107
Mobile: (575) 626-0831

- 1 Field Inspections, Bradenhead, Packer, and Mechanical Integrity Tests

Louise Montague
Phone extension: 100

- 1 Reception, Records Management, Imaging System, C-117A, Data Verification

Carmen Reno
Phone extension: 110

- 1 ONGARD and RBDMS Data, Record Management, Well Data, Document Processing, C-115 Error Assistance, APDs, Completions & C-104's, Operator Changes

Kimberly M. Wilson
Phone extension: 114
Mobile: (575) 626-0812

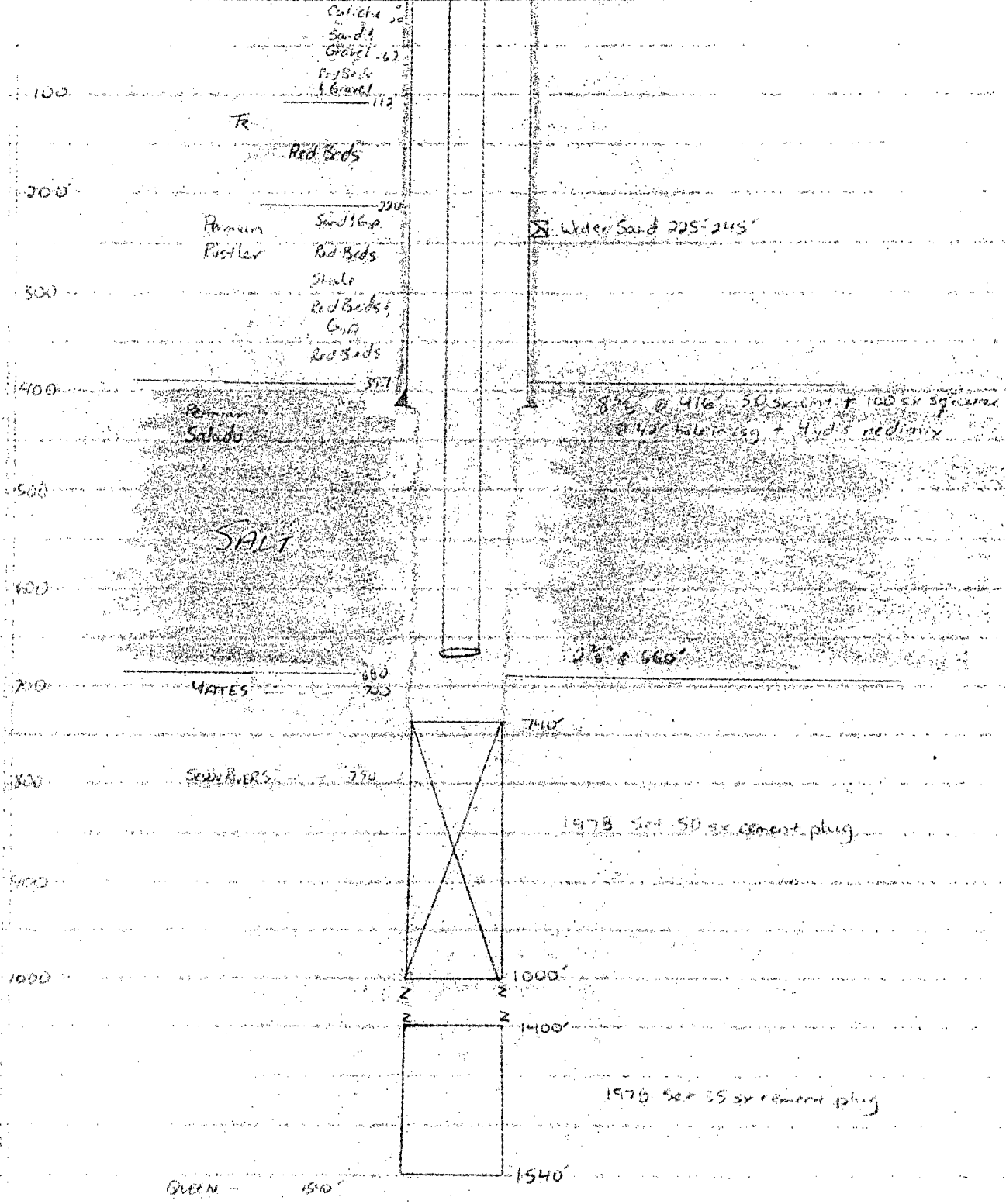
- 1 Field Inspections, Bradenhead, Packer, and Mechanical Integrity Tests
- Back

Webmaster | Disclaimer

State 24 No. 1

Re-entry of Nix & Curtis Gulf State No 2

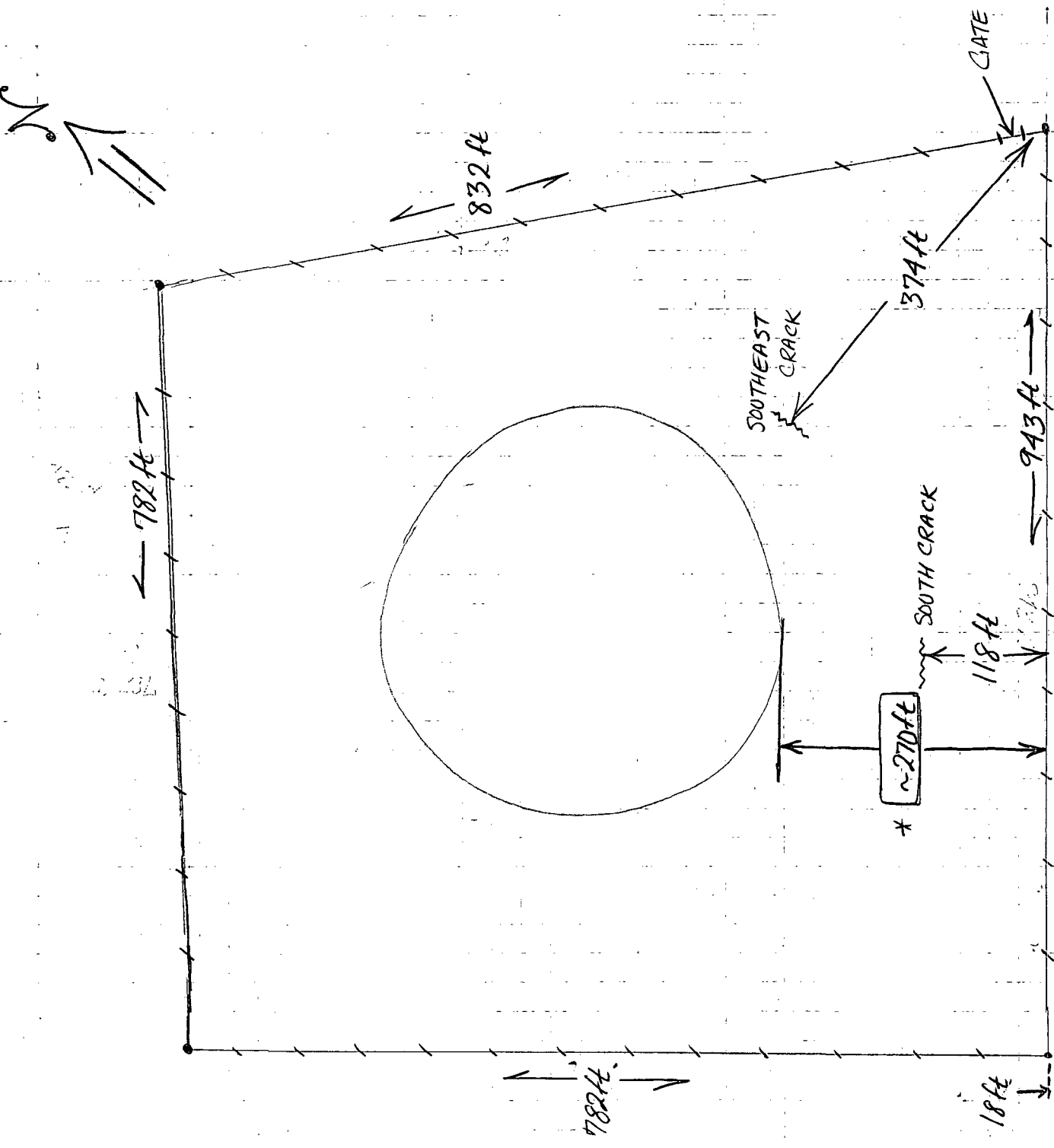
GL 3503'



8. RESOURCES SUMMARY

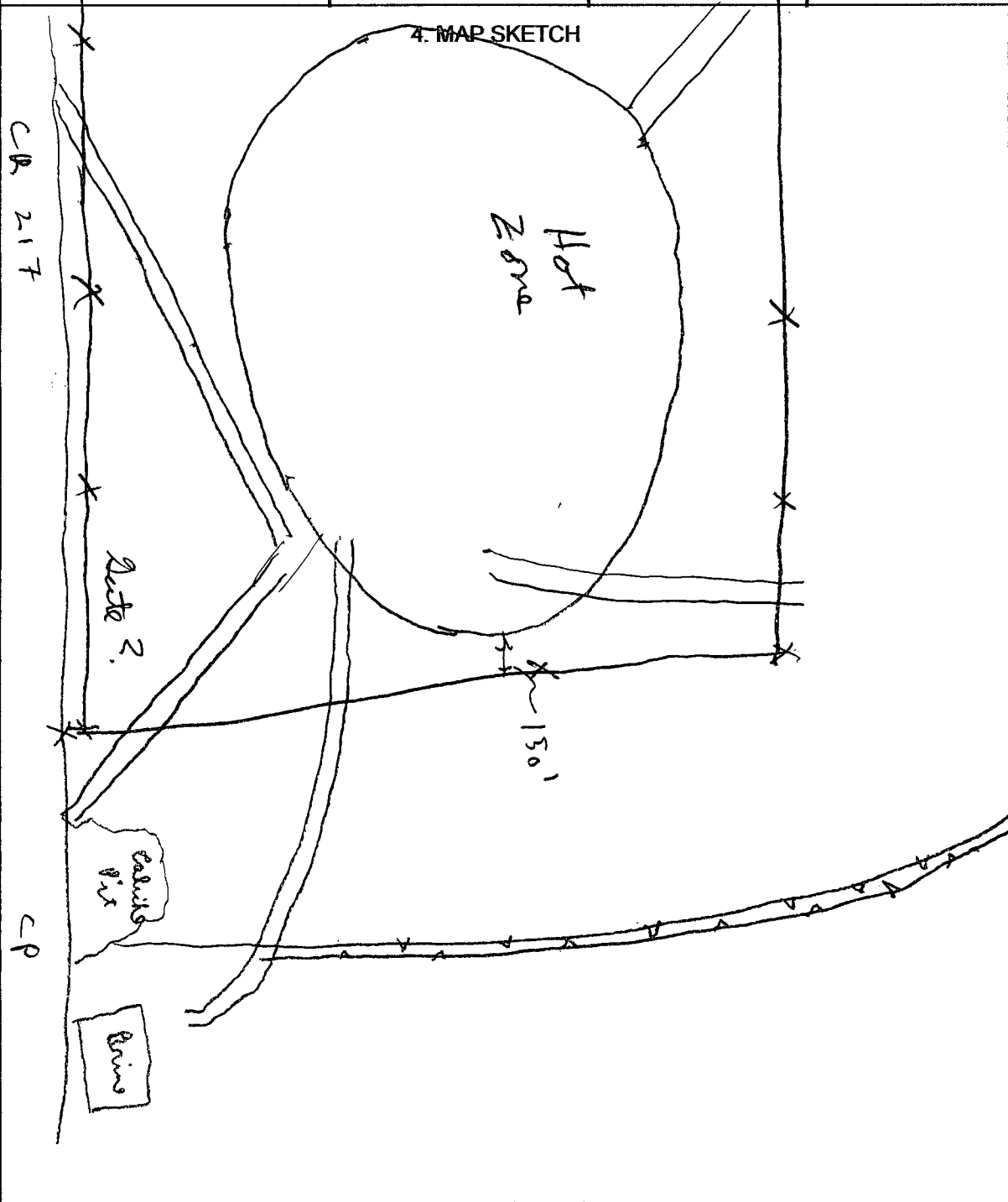
RESOURCES ORDERED	RESOURCES IDENTIFICATION	ETA	ON SCENE ✓	LOCATION/ASSIGNMENT
NMSP	BRAIN BURKE ERO-		✓	TRAFFIC CONTROL 575-622-72 ST POLICE
EDDY CO. ROAD	ROB FERNANDEZ 575-365-8519		✓	ROAD SIGNS + BARRICADES
JWS	DIMAS HERREYA 575-748-5140		✓	COMPANY/OWNER- GENERAL OPS - FINANCE #
NMSLO	JIM CARR 361-3594		✓	STATE LAND REP. LAND OWNER
EDDY CO. EMER. MANAGEMENT	ROBERT BRADER 575-200-9393		✓	FIRST IC/SAFETY MOBILE COMMAND CENTER
IC-HELP	DAVE HERRELL- 575-302-8524		✓	BLM- SAFETY OFFICER EX ERO IC NMSP
NMSP	CRIS CLEMENTS AREA ICO		—	ST POLICE RDSWELL 575-622-7200
IPO PIO	JOEL PORTER EMVRD		—	SANTA FE - 476-3226
JWS-	KENT GILBERT		✓	303-825-4822 COMPANY/OPERATOR
EDDY CT	STEVE MASSEY 575-887-9511		✓	MANAGER
NMSEO	JOHN STENART 505-622-6521		✓	WATER SPECIALIST
NC&KRI	GVENL-PH.D 210-863-5919		✓	CAVE & KARST
NM DOT	J GARCIA 505-626-7457		✓	HWY'S
OC D	WAYNE PRICE 505-476-3490		✓	IC-CELL # 505-660-1067
"	CARL CHAVEZ -3481		✓	IC-DEPUTY #1
"				
JWS	MARK NETHERLIN S.O. - ICS		✓	JWS- COMMAND
JWS	Adrian Dennis SO		✓	JWS
ICS 201 (12/93) NFES 1325	PAGE 4			

*AS OF
07.24.08
T=11:10



CR 217

23 Jul 08

INCIDENT BRIEFING	1. INCIDENT NAME	2. DATE PREPARED	3. TIME PREPARED
4. MAP SKETCH 			
ICS 201 (12/93) NFES 1325	PAGE 1	5. PREPARED BY (NAME AND POSITION)	

Hot to scale
= two-track
○ Hot Zone
CP command post

by
Dawn
French

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

TOOLS USED

Rotary tools were used from.....feet to.....feet, and from.....feet to.....feet.
Cable tools were used from.....feet to.....feet, and from.....feet to.....feet.

PRODUCTION

Put to Producing....., 19.....

OIL WELL: The production during the first 24 hours was.....barrels of liquid of which.....% was
was oil;.....% was emulsion;.....% water; and.....% was sediment. A.P.I.
Gravity.....

GAS WELL: The production during the first 24 hours was.....M.C.F. plus.....barrels of
liquid Hydrocarbon. Shut in Pressure.....lbs.

Length of Time Shut in.....

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico

Northwestern New Mexico

T. Anhy.....	T. Devonian.....	T. Ojo Alamo.....
T. Salt.....387	T. Silurian.....	T. Kirtland-Fruitland.....
B. Salt.....669	T. Montoya.....	T. Farmington.....
T. Yates.....	T. Simpson.....	T. Pictured Cliffs.....
T. 7 Rivers.....	T. McKee.....	T. Menefee.....
T. Queen.....R. 3d. 1839	T. Ellenburger.....	T. Point Lookout.....
T. Grayburg.....	T. Gr. Wash.....	T. Mancos.....
T. San Andres.....2413	T. Granite.....	T. Dakota.....
T. Glorieta.....	T.	T. Morrison.....
T. Drinkard.....	T.	T. Penn.....
T. Tubbs.....	T.	T.
T. Abo.....	T.	T.
T. Penn.....	T.	T.
T. Miss.....	T.	T.

FORMATION RECORD

From	To	Formation	From	To	Formation
0	20	Caliche	2720	2740	White lime
20	30	Sand	2740	2760	Gr. lime
30	40	Gravel	2760	2780	Brn. lime
40	50	Sand	2780	2800	Dark lime
50	62	Gravel	2800	2820	Sand & lime
62	99	R. Beds	2820	2839	Gr. lime
99	112	Gravel	2839	2836	Brn. lime
112	220	Red. Beds	2836	2850	Dark lime
220	250	Sand & Gr. (utr. 225-215)	2850	2921	Gr. lime (Tested 1 hr. - 18 1/3 gal. utr.)
250	260	R. Beds	2921	2935	Gr. sandy lime
260	290	Gr. shale	2935	2953	Gr. lime
290	325	R. Beds (includes hole at 309')	2953	2960	lime (Test 30 min - 20 gal. utr.)
325	390	R. Beds & Gr	2960	2971	Gr. lime
390	397	R. Beds	2971	2983	lime (Tested 1 hr. - 47 gal. utr. & show of oil on top of utr.)
397	680	Salt	2983	3006	Gr. lime
680	865	Anhy	3006	3009	White lime (Hole 101 at salt utr.)
865	905	Blk. Anhy	3009	-	T.P.
905	920	Anhy			
920	930	Brn. sand (Hole show)			
930	1045	Anhy			
1045	1080	Blk. Anhy			
1080	1355	Anhy			
1355	1390	Anhy & Gr			
1390	1415	Anhy (Core tested - composition - 100% salt)			
1415	1450	Anhy			
1450	1465	Anhy & lime			
1465	1524	Anhy			
1524	1540	Brn. lime			
1540	1675	Anhy			
1675	1745	Blk. Anhy			
1745	1785	Anhy			
1785	1820	Blk. Anhy			
1820	1835	Anhy			
1835	1895	Red sand (Hole in 1850-1894)			
1895	1905	Gr. lime & Anhy			
1905	1930	Anhy & lime			

Grease boards

* Passenger side front

All public information Jodi Porter OCD 505-476-3226
No Exceptions

OCD Santa Fe 505-476-3458
3460
Mark Feshire, Director 3488
3490

* Driver side front

Pet Serser NCKR1 575-361-2283
Joel Arnwine 361-3404
Robert Breder 200-9393
S.O. Dispatch 887-7551
Dave Heerall 302-8526
- 0146
NM State Police 575-622-7200
Eddy Co. Sheriff 887-7551

* Rear board

ICS Level II @ 7/12/2008

CR 217 Closed until backhoe fence secures collapse
site + SLO/signage

Site Safety Plan

1. All Personell must sign in and out: Must have safety briefing before entering site.

2. Only Authroized personell will be allowed in hot zone approved only by the IC or deputy IC or saftey officer.

3. Buddy system must be

used and a watchmen for
all activity in Hot Zone.

4. Unit log shall be
maintained

5. Contractors shall have
availble services, porta
potty,
trailers, food, water, first
aid, etc. Emergency
Numbers

Safety Hazardous:
Rattlesnakes mostly at
night, ants, bees, Highway

traffic, truck back-ups, H₂S in area, must have monitors.

6. Un-authorized personnell call NMSP or sheriff.

Extreme Hazards: Brine well cavaity, still very active,

432-571-8000
Fax 571-8099
Toll-Free:
800-338-3426



DELIVERY TICKET

PAGE: 1

ORDER NUMBER: 0396378

ORDER DATE: 07/19/08

SALESPERSON: W091
CUSTOMER NO: 0520212

SOLD TO:
EDDY COUNTY
101 W GREENE
SUITE 100
CARLSBAD
CONFIRM TO:
JOEL

NM 88220

SHIP TO:
EDDY COUNTY EMERGENCY
MANAGMENT
SINK HOLE OUTSIDE OF ARTESIA
EDDY NM

CUSTOMER P.O.		SHIP VIA 161303 F.O.B			TERMS	
		M06 Paul Phillips RW			Net 15 Days	
ITEM NO.	UNIT	ORDERED	SHIPPED	BACK ORD	PRICE	AMOUNT
30-0	GAL	0.000	0.000	0.000	4.7609	.00
DYED OFFROAD DIESEL						157.10
Diesel Fuel 3 NA1993 III						
Non -Taxable Use Only. Penalty for taxable use.						
Permit required for Texas Purchases						
Non-road or tax exempt use only.						
Federal LUST Fee					.0010	.03
YFCDYED10	EACH	0.000	0.000	0.000	10.0000	10.00
FUEL SURCHARGE DD DELIVERY			WHSE: 183			167.13

Rec'd by

We Appreciate Your Business!

NET ORDER: 167.10 .00
LESS DISCOUNT: .00
FREIGHT: .00
SALES TAX: 11.38 .00
ORDER TOTAL: 178.51 .00

Emergency
Response
Number

800-424-9300

Send general correspondence to:
P.O. Box 1920, Midland, TX 79702-1920

United Fuel & Energy
405 N. Mariendfeld
Ste 300
Midland, Tx 79701
800-338-3426

Truck: 406
Driver: (123) Michael D. Riddle

=====

Sales Order: 0396939
- EDDY COUNTY
101 W GREENE
SUITE 100
CARLSBAD, NM 88220

Account: 000520212
PO Number:
EDDY COUNTY
101 W GREENE
SUITE 100
CARLSBAD, NM 88220
Delivery Date: 07/22/2008 04:06:07 PM

Prod ID: 20-0
Prod Desc: CLEAR LS DIESEL

S Tank ID	Volume	Start	End
=====			
C mobil comm	40.9	495991.7	496032.6
=====			

Price/Gallon : \$	4.5942	\$187.90
Sales Tax \$/G: \$	0.000000	\$0.00
Road Tax \$/G: \$	0.472750	\$19.34
Road Tax2 \$/G: \$	0.000000	\$0.00
Total :		\$207.24

Prod ID: YFCFUEL10
Prod Desc: FUEL SURCHARGE GAS DSL DELIV

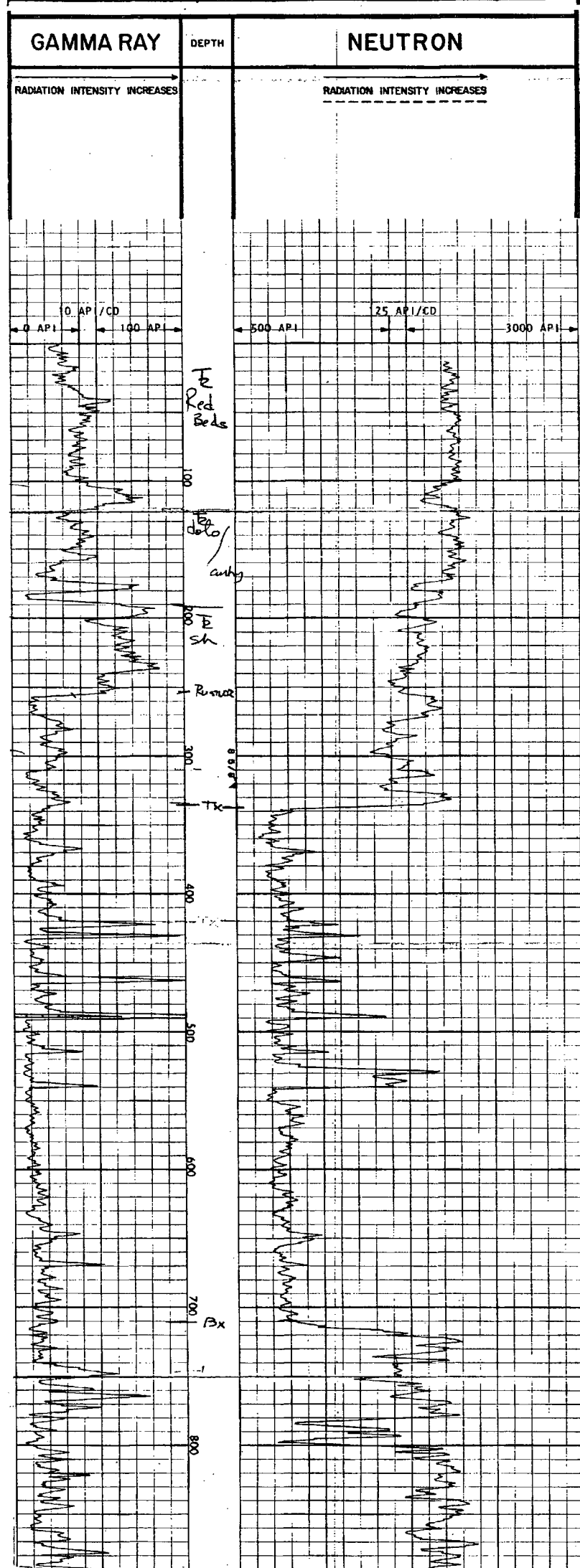
S Tank ID	Volume	Start	End
=====			
=====			

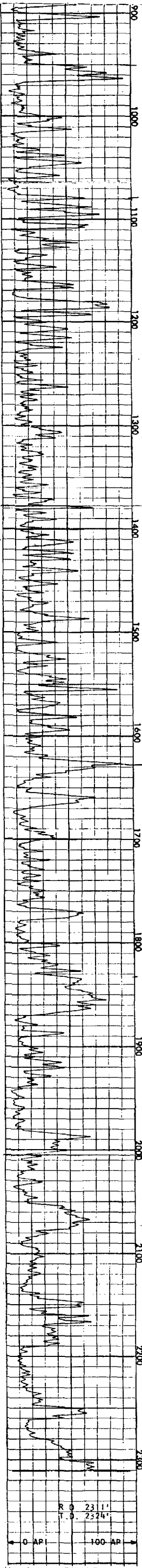
Price/Gallon : \$	10.0000	\$0.00
Sales Tax \$/G: \$	0.000000	\$0.00
Road Tax \$/G: \$	0.000000	\$0.00
Road Tax2 \$/G: \$	0.000000	\$0.00
Total :		\$0.00

=====

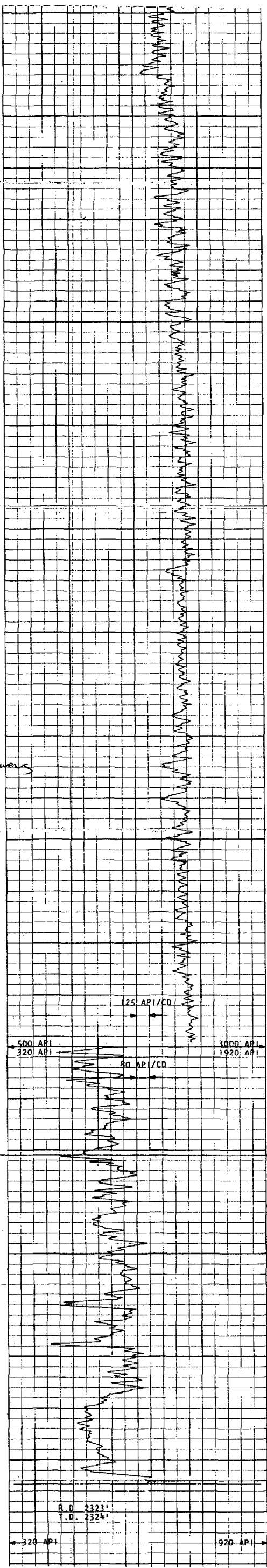
Net Total:	40.9	
Please Pay Total:		\$207.24

Gamma Ray				Equipment Data				Neutron			
Run No.	ONE				Run No.	DNE					
Tool Model No.	402				Log Type	N/NEUTRON					
Diam.	5/8"				Tool Model No.	402					
Detect. Model No.	DHG				Diam.	5/8"					
Type	SCINT.				Detect. Model No.	D6M1					
Length	4"				Type	SCINT.					
Dist. to N. Source	13'				Length	4"					
General					Source Model No.	S10A3					
Moist. Truck No.	P-19:				Serial No.	3:14					
Inst. Truck No.	P-19:				Spacing	13.5"					
Tool Serial No.					Type	RA BE					
					Strength	300 MC					
Lagging Done											
General				Gamma Ray				Neutron			
Run No.	Depths		Speed Ft./Min.	T.C. Sec.	Sens. Settings	Zero Div. L or R	API G.R. Units Per Log Div.	T.C. Sec.	Sens. Settings	Zero Div. L or R	API N. Units Per Log Div.
1	7323	1800	30	2.0	90-X1	0	10 AP1	2.0	12-X1	L-1	80 AP1
1	2323	1900	60	0.9	90-X1	0	10 AP1	0.9	12-X1	L-1	80 AP1
1	1900	SURF	60	0.9	90-X1	0	10 AP1	0.9	85-X1	L-1	145 AP1
Remarks:											
Reference Literature:											





umberger BlueView :







PERMIAN BRINE SALES, INC.

BRINE - FRESHWATER - WATER DISPOSAL - SOLIDS DISPOSAL

WEB SITE: <http://www2.basinlink.com/us/permbrein/main.htm>

E-MAIL: Permbrine@basinlink.com

6067 W. TENTH ST. • ODESSA, TEXAS 79763

OFF. (915) 381-0531 FAX (915) 381-9316

September 11, 1997

Jim's Water Service
PO Box 1387
Artesia, NM 88210

Attention: Mr. Sam Stoneman

Dear Sirs:

You have requested me to calculate the cavern dimensions in your brine well located in Section 24, Township 18S, Range 28 E, New Mexico.

Brine sold from the well totals 549,619 barrels. The casing (top of the salt) is at 367 feet with the tubing bottomed at 681 feet.

$\frac{367}{314}$

The rock salt underlying the Permian Basin has an approximate density of 140 pounds per cubic foot. As saturated brine contains 111 lbs of salt per barrel the cubic feet of caverns size is as follows:

$$\frac{549,619 \times 111}{140} = 453,769 \text{ cubic ft.}$$

Based on my experience in washing caverns, the shape will be an approximate cylinder, except for the gradual filling near the bottom, due to the deposition of the granular solids of shale, gravel, redbeds, etc. which fall to the bottom of the cavern or to the next ledge during salt solutioning.

The thickness of the salt is approximately 314 feet. Based on a cylinder of this depth, the diameter of the cavern cylinder would be:

$$\frac{453,769}{314} = 1445 \text{ square feet of area}$$

314

$$1445 \div (\pi) 3,1416 = 460 \text{ equal to radius squared}$$

$$\sqrt{460} \text{ equals a radius of 21.45 feet or a diameter of 42.9 feet.}$$

To be on the safe side, I assume that 20% of the cavern is filled with solids or anhydrite ledges.

$$314 \times 80\% = 251 \text{ feet of depth}$$

$$\frac{453,769}{251} = 1808 \text{ Square feet}$$

251

$$1808 \div 31.416 = 575$$

$\sqrt{575}$ equals a radius of 24 feet or a diameter of 48 feet

From these calculations you can readily see that the diameter increases in size very slowly. After reaching a diameter of 48 feet, the next foot of diameter would contain enough salt to make over 24,000 barrels of brine.

As you know sonar surveys cannot be run in layered salt because of the anhydrite ledges present in the salt and the cavern. When the tubing is pulled out of a brine well, the tubing has to have a bit put on it and the tubing has to be drilled - with a reverse unit - through each ledge still present. The original bore hole is covered with solids deposited on each ledge, from the dissolution of the salt, so you cannot run an open hole sonar tool past these ledges.

I have a great deal of confidence in the integrity of the salt section. (See attached map of the Permian Basin with all the caverns spotted thereon). When we were storing propane in the salt caverns, we did a great deal of testing for salt configuration and the stability of the anhydrite ledges. I remember one case when the anhydrite ledge (or layer) was 7 feet thick, and was still stable after the cavern reached a diameter of 165 feet. A copy of the cavern plat is attached.

If you need additional information or have any questions please give me a call.

Very Truly Yours,

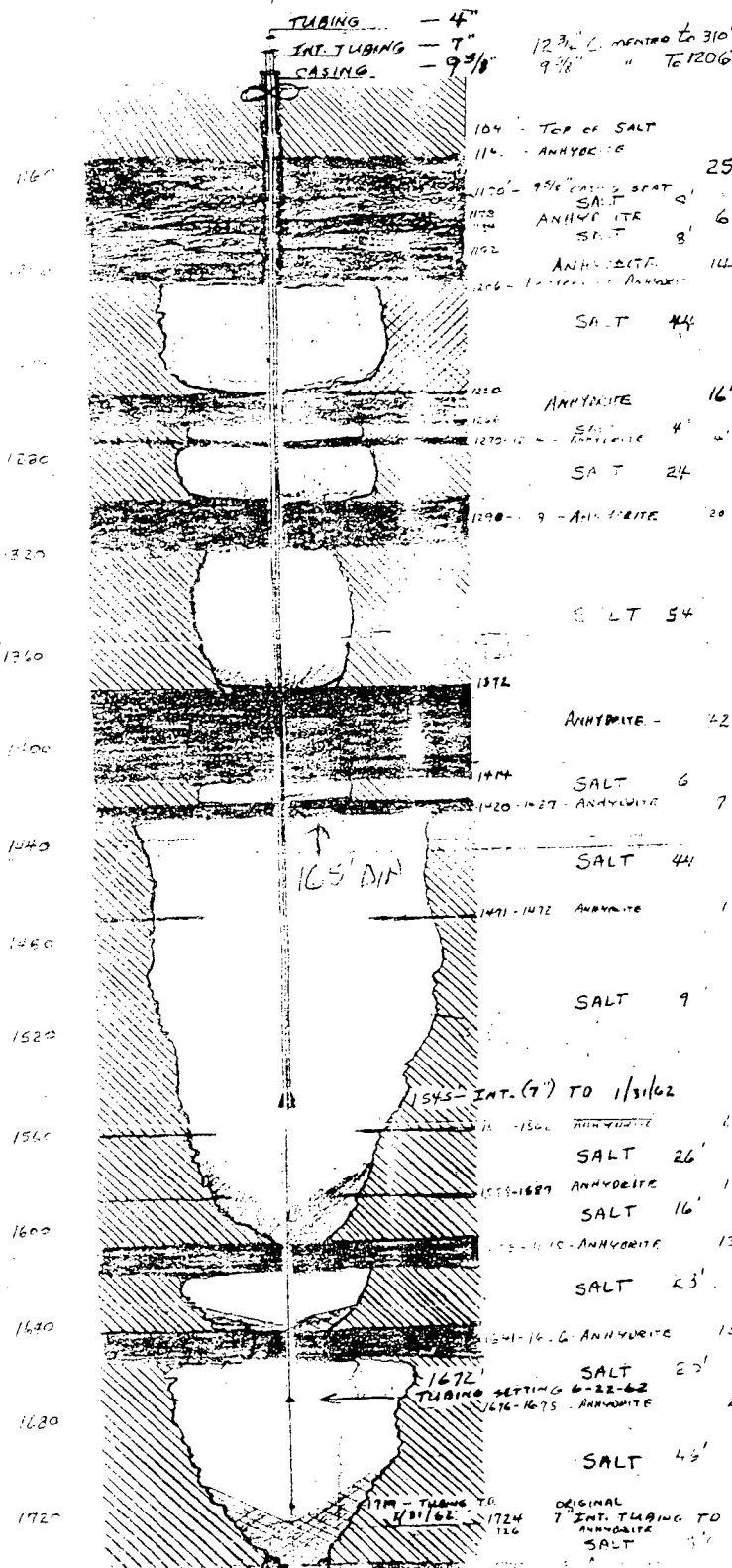
PERMIAN BRINE SALES, INC.



A.L. Hicherson
President/CEO

alh/acr

Attachments



KERMIT WELL
 7/18/66

SCALE - 1" = 40'

CALC. SIZE 400000 BM.
 CALC. RADIUS 60 FT. MAX

WASHING HISTORY

45000 BBL 11 1/4" INT 9 3/8" OUT 4"
 115000 " 11 1/4" INT 9 3/8" OUT 4"
 20000 " 11 1/4" INT 7" OUT 4"
 220000 " 11 1/4" INT 7" OUT 4"

TUBING STRINGS

7" - 23" = 35,950'
 4" - 9.3" = 15,950'

ANNULAR CAPACITIES

9 3/8" - 7" - 1.245 g/cc = 1466 gal
 7" - 4" - 1.0 g/cc = 1545 gal
 4" - 5" - 0.5 g/cc = 957.5 gal

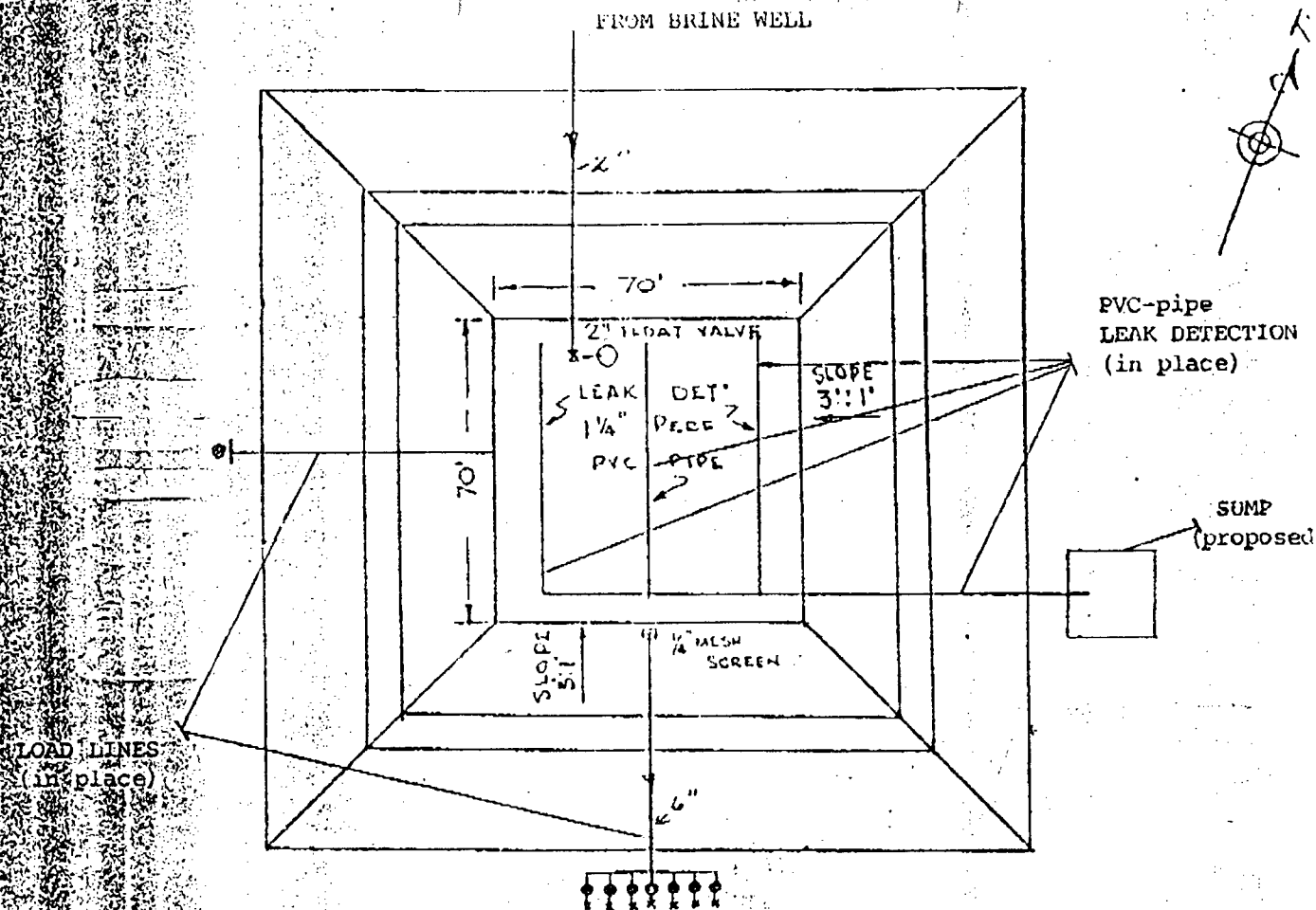
This log was
 carefully measured
 2nd time
 prepared
 corrected

A. L. HICKERSON
 C.E.O.
 Perm. Prop. 118704

PERMIAN OIL & GAS SALES, INC.
 6057 W. Tenth St.
 Odessa, Texas 79763

OFFICE
 915/381-0531
 915/563-4730
 FA 915/381-9316

RESIDENCE
 915/562-4814
 3216 Baur-Propp Dr.
 Odessa, Texas 79763



STATE 24 #1 -

SEC. 24 T-18S R-28E

HIGHWAY

Each customer has their own meter. When a transport arrives the driver will make the necessary connections and unlock the valve, then load with his own truck pump. The Brine Water is pumped from the bottom of the reservoir up and over the dam and through the 3" water meter, which determines the volume purchased.

Brine Sales Well St. 24
1988' FSL - 1930' FEL
S.24 T.18S R.28E.
Eddy Co., New Mexico

6. Collapse and Subsidence Potential

Because of the relatively thin amounts of overburden rock at your location (400 feet), the OCD is concerned over the potential for collapse and/or subsidence of the strata overlying the salt cavity that B&E has created. Submit evidence that future brine extraction operations well not significantly increase the potential for collapse and/or subsidence. Include details on collapse and subsidence prevention and monitoring. Submit an estimate of the total brine produced to date so that the OCD can calculate the approximate size of the cavity.

From the records that are available the total amount of brine that has been produced is approximately 3,159,862 barrels.

That figure has been derived from the meter readings each month.

Mr. Al Hickerson who originally drilled the brine well does believe that keeping the cavern full of fresh water and under pressure does give support. Although that is no positive guarantee.

The area in which the brine well is located is not populated and has no heavy above ground structures.

Visual inspection of surrounding area is done but again is no positive guarantee.

P.B.S. & S.

JUNE 30, 1978

BOX 1591

CHEROKEE, TEXAS 79760

SALT & 1

0 to 46 -----	TOP SOIL WITH GRAVEL
46 to 58 -----	SAND & GRAVEL
58 to 62 -----	LIME
62 to 65 -----	RED BED
65 to 76 -----	RED SAND
76 to 107 -----	GRAVEL
107 to 163 -----	BROWN CLAY W/GRAVEL & SAND
163 to 170 -----	RED BED
170 to 178 -----	LIME VERY HARD
178 to 225 -----	RED BED
225 to 237 -----	ANHYDRITE & RED BED
237 to 252 -----	LIME & ANHYDRITE W/SOME GYP.
252 to 268 -----	RED BED
268 to 285 -----	LIME W/GYP. STRINGERS
285 to 305 -----	GYP. W/SOME RED BED
305 to 320 -----	GYP. & ANHYDRITE
320 to 328 -----	RED BED
328 to 360 -----	ANHYDRITE W/LIME & SAND
360 to 410 -----	RED ROCK & ANHYDRITE
410 to 430 -----	ANHYDRITE W/SOME LIME
430 to 437 -----	GRAY LIME (HARD) & ANHYDRITE
437 to 445 -----	ANHYDRITE
445 to 456 -----	ANHYDRITE & GRAY LIME
456 to 555 -----	SALT
555 to 567 -----	SALT & SOME LIME
567 to 575 -----	SALT & BLUE SHALE VERY LITTLE
575 to 582 -----	SALT
582 to 603 -----	ANHYDRITE

If dri. or other special tests or deviation surveys were made, submit rep. separate sheet and attach hereto

TOOLS USED

Rotary tools were used from.....feet to.....feet, and from.....feet to.....feet
Cable tools were used from.....0.....feet to.....2324.....feet, and from.....feet to.....feet.

PRODUCTION

Put to Producing.....December 23.....1962.....

OIL WELL: The production during the first 24 hours was.....40.....barrels of liquid of which.....60.....% was
was oil;.....% was emulsion;.....40.....% water; and.....% was sediment. A.P.I.
Gravity.....

GAS WELL: The production during the first 24 hours was.....M.C.F. plus.....barrels of
liquid Hydrocarbon. Shut in Pressure.....lbs.

Length of Time Shut in.....

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico

Northwestern New Mexico

T. Anhy.....155	T. Devonian.....	T. Ojo Alamo.....
T. Salt.....340	T. Silurian.....	T. Kirtland-Fruitland.....
B. Salt.....707	T. Montoya.....	T. Farmington.....
T. Yates.....	T. Simpson.....	T. Pictured Cliffs.....
T. 7 Rivers.....	T. McKee.....	T. Menefee.....
T. Queen.....1832	T. Ellenburger.....	T. Point Lookout.....
T. Grayburg.....2190	T. Gr. Wash.....	T. Mancos.....
T. San Andres.....	T. Granite.....	T. Dakota.....
T. Glorieta.....	T.	T. Morrison.....
T. Drinkard.....	T.	T. Penn.....
T. Tubbs.....	T.	T.
T. Abo.....	T.	T.
T. Penn.....	T.	T.
T. Miss.....	T.	T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	15	15	Caliche				
15	30	15	Red Sand				
30	155	125	Red Shale				
155	170	15	Anhy				
170	225	55	Anhy & Shale				
225	250	25	Shale				
250	285	35	Anhy				
285	310	25	Red Shale				
310	340	30	Anhy				
340	707	367	Salt				
707	948	241	Anhy				
948	958	10	Sand Cong.				
958	1820	862	Anhy				
1820	1850	30	Red Sand				
1850	2085	235	Anhy				
2085	2102	17	Sand				
2102	2115	13	Anhy				
2115	2154	39	Grey Lime				
2154	2172	18	Lime				
2172	2195	23	Sandy Lime				
2195	2250	55	Lime				
2250	2261	11	Sand				
2261	2293	32	Lime				
2293	2311	18	Sharp Lime				
2311	2324	13	Lime				

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far
as can be determined from available records.

January 11, 1963

Company or Operator.....Simms & Reese Oil Co.

Address.....200 Booker Bldg. - Artesia, N.M.

Name.....

Position.....Title.....Partner

E State 24 No. 1
Re-entry of Nix & Co. Gulf State No 2

GL 3503'

100
Cottiche 30
Sand 2
Gravel 62
Red Beds
& Gravel 112

TR

Red Beds

200

Permian

Sand & p

Rustler

Red Beds

300

Shale

Red Beds

Gravel

Sand

400

397

Permian

Salt

500

600

700

MATES

680

700

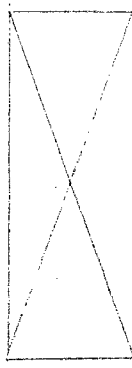
800

SAND BARS

700

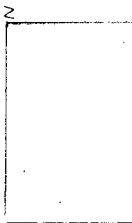
900

1000



740'

1000'



1400'

1540'

QUEN

1540'

Wetter Sand 223-245

8 5/8" @ 416' 50 sv cm. + 100 sv sg. case
2 1/2" hole in log + 4 yds redimer

2 1/2" @ 600'

1978 Set 50 sv cement plug

1978 Set 35 sv cement plug

If drill. or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

TOOLS USED

Rotary tools were used from.....feet to.....feet, and from.....feet to.....feet.
Cable tools were used from.....0.....feet to.....2324.....feet, and from.....feet to.....feet.

PRODUCTION

Put to Producing.....December 23.....1962

OIL WELL: The production during the first 24 hours was.....40.....barrels of liquid of which.....60.....% was
was oil;.....% was emulsion;.....40.....% water; and.....% was sediment. A.P.I.
Gravity.....

GAS WELL: The production during the first 24 hours was.....M.C.F. plus.....barrels of
liquid Hydrocarbon. Shut in Pressure.....lbs.

Length of Time Shut in.....

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy.....155	T. Devonian.....	T. Ojo Alamo.....	
T. Salt.....340	T. Silurian.....	T. Kirtland-Fruitland.....	
B. Salt.....707	T. Montoya.....	T. Farmington.....	
T. Yates.....	T. Simpson.....	T. Pictured Cliffs.....	
T. 7 Rivers.....	T. McKee.....	T. Menefee.....	
T. Queen.....1832	T. Ellenburger.....	T. Point Lookout.....	
T. Grayburg.....2190	T. Gr. Wash.....	T. Mancos.....	
T. San Andres.....	T. Granite.....	T. Dakota.....	
T. Glorieta.....	T.	T. Morrison.....	
T. Drinkard.....	T.	T. Penn.....	
T. Tubbs.....	T.	T.	
T. Abo.....	T.	T.	
T. Penn.....	T.	T.	
T. Miss.....	T.	T.	

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	15	15	Caliche				
15	30	15	Red Sand				
30	155	125	Red Shale				
155	170	15	Anhy				
170	225	55	Anhy & Shale				
225	250	25	Shale				
250	285	35	Anhy				
285	310	25	Red Shale				
310	340	30	Anhy				
340	707	367	Salt				
707	948	241	Anhy				
948	958	10	Sand Cong.				
958	1820	862	Anhy				
1820	1850	30	Red Sand				
1850	2085	235	Anhy				
2085	2102	17	Sand				
2102	2115	13	Anhy				
2115	2154	39	Grey Lime				
2154	2172	18	Lime				
2172	2195	23	Sandy Lime				
2195	2250	55	Lime				
2250	2261	11	Sand				
2261	2293	32	Lime				
2293	2311	18	Sharp Lime				
2311	2324	13	Lime				

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far
as can be determined from available records.

January 11, 1963

Company or Operator.....Simms & Reese Oil Co.

Address.....200 Booker Bldg. - Artesia, N.M.

Name.....

Position.....Partner

If drill-stem or special tests or deviation surveys were made, submit report on same and attach hereto

24-18-S R-2

TOOLS USED

Rotary tools were used from feet to feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing 19.....

OIL WELL: The production during the first 24 hours was barrel of liquid of which% was oil;% was emulsion;% water; and% was sediment. A.P.I. Gravity

GAS WELL: The production during the first 24 hours was MCF. plus abstract of liquid Hydrocarbon. Shut in Pressure lbs.

Length of Time Shut in

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE)

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy.....		T. Devonian.....	T. Ojo Alamo.....
T. Salt..... 327		T. Silurian.....	T. Richard-Fritchland
B. Salt..... 680		T. Montoya.....	T. Farmington.....
T. Yates.....		T. Simpson.....	T. Flowered Chiffs.....
T. 7 Rivers.....		T. McKee.....	T. Menefee.....
T. Queen..... R.Sd. 1020		T. Ellaburger.....	T. Point Lookout.....
T. Grayburg.....		T. Gr. Wash.....	T. Mancos.....
T. San Andres..... 2643		T. Gault.....	T. Dakota.....
T. Glorieta.....		T.	T. Morrison.....
T. Drinkard.....		T.	T. Penna.....
T. Tubbs.....		T.	T.
T. Abo.....		T.	T.
T. Penna.....		T.	T.
T. Miss.....		T.	T.

FORMATION RECORD

From	To	Formation	From	To	Formation
0	30	Caliche	2720	2740	Shale (blue)
30	40	Sand	2740	2760	Gr. line
40	50	Gravel	2760	2780	Gr. line
50	62	Sand	2780	2800	Gr. line
62	99	Gravel	2800	2820	Dark line
99	112	R.Beds	2820	2840	Dark line
112	220	Gravel	2840	2860	Gr. line
220	250	Med. Beds	2860	2880	Gr. line
250	260	Sand & Gyp. (utr. 225-250)	2880	2900	Dark line
260	290	R.Beds	2900	2920	Gr. line (Total 11 ft. - 10 1/2 calistr.)
290	335	Gr. shale	2920	2940	Gr. line
335	390	R.Beds (reduce hole at 335')	2940	2960	Gr. line
390	397	R.Beds & Gyp	2960	2980	Gr. line
397	680	R.Beds	2980	3000	Gr. line (Total 11 ft. - 10 1/2 calistr.)
680	865	Salt	3000	3020	Gr. line
865	905	Anhy	3020	3040	Gr. line
905	920	Blk. Anhy	3040	3060	Gr. line
920	930	Anhy	3060	3080	Gr. line
930	930	Brn. sand (this show)	3080	3100	Gr. line
930	1045	Anhy	3100	3120	Gr. line
1045	1080	Blk. Anhy	3120	3140	Gr. line
1080	1355	Anhy	3140	3160	Gr. line
1355	1390	Anhy	3160	3180	Gr. line
1390	1415	Anhy	3180	3200	Gr. line
1415	1450	Anhy	3200	3220	Gr. line
1450	1480	Anhy	3220	3240	Gr. line
1480	1520	Anhy	3240	3260	Gr. line
1520	1540	Anhy	3260	3280	Gr. line
1540	1675	Anhy	3280	3300	Gr. line
1675	1745	Anhy	3300	3320	Gr. line
1745	1785	Anhy	3320	3340	Gr. line
1785	1820	Anhy	3340	3360	Gr. line
1820	1835	Anhy	3360	3380	Gr. line
1835	1895	Anhy	3380	3400	Gr. line
1895	1905	Anhy	3400	3420	Gr. line

$$HA = \left(\frac{100}{\pi} \right) H = 75'$$

$$\begin{array}{r} 171 \\ 5 \overline{) 850} \\ 397 \\ \hline 203 \end{array}$$

$$H = 12.8 \times 10^6 \text{ FT}^3$$

$$\text{Vol } \odot 9/16/2000 = 1.145 \times 10^6 \text{ FT}^3$$

$$\text{Vol } \odot 9/19/2008 = 3.391 \times 10^6 \text{ FT}^3$$

Attac. I

G.L. 3503

PBS&S.
St. 24 #1
J-24-18-28
Re-entry of
R. Nix & Jerry Curtis
Gulf St. #2.5
See sketch II

Caliche 0
Sand 20
Gravel 30
Sand 40
Gravel 50
Gravel 62
Red Beds
gravel 99
112

75' $V = 88,736 \text{ FT}^3$

711912000

Red Beds.

Rustler

Sand & gyp

Red Beds 750
260

Gr. Sh.

290

Red beds

Red. hole @ 309 385

Red beds & gyp.

Red beds 390
397

WATER 225-245

X. 397'

Salt Sect.

8 5/8" csq. @ 416 50 SX. CMT. + 100 SX. SQUEEZE
@ 42' (hole in csq.) + 4 yds redimix.

C.I.C 3%
CaCl.

BX 680'

Tbg @ 660' 2 7/8".

appx. YAKS 700

appx. S. RIV. 790

50 sx. plug tagged w/tbg. @ 740'.

1000' 260' plug.

BOWERS SD. 1330'-1350'

1400

140' plug

Queen 1540'

CORD

1540'

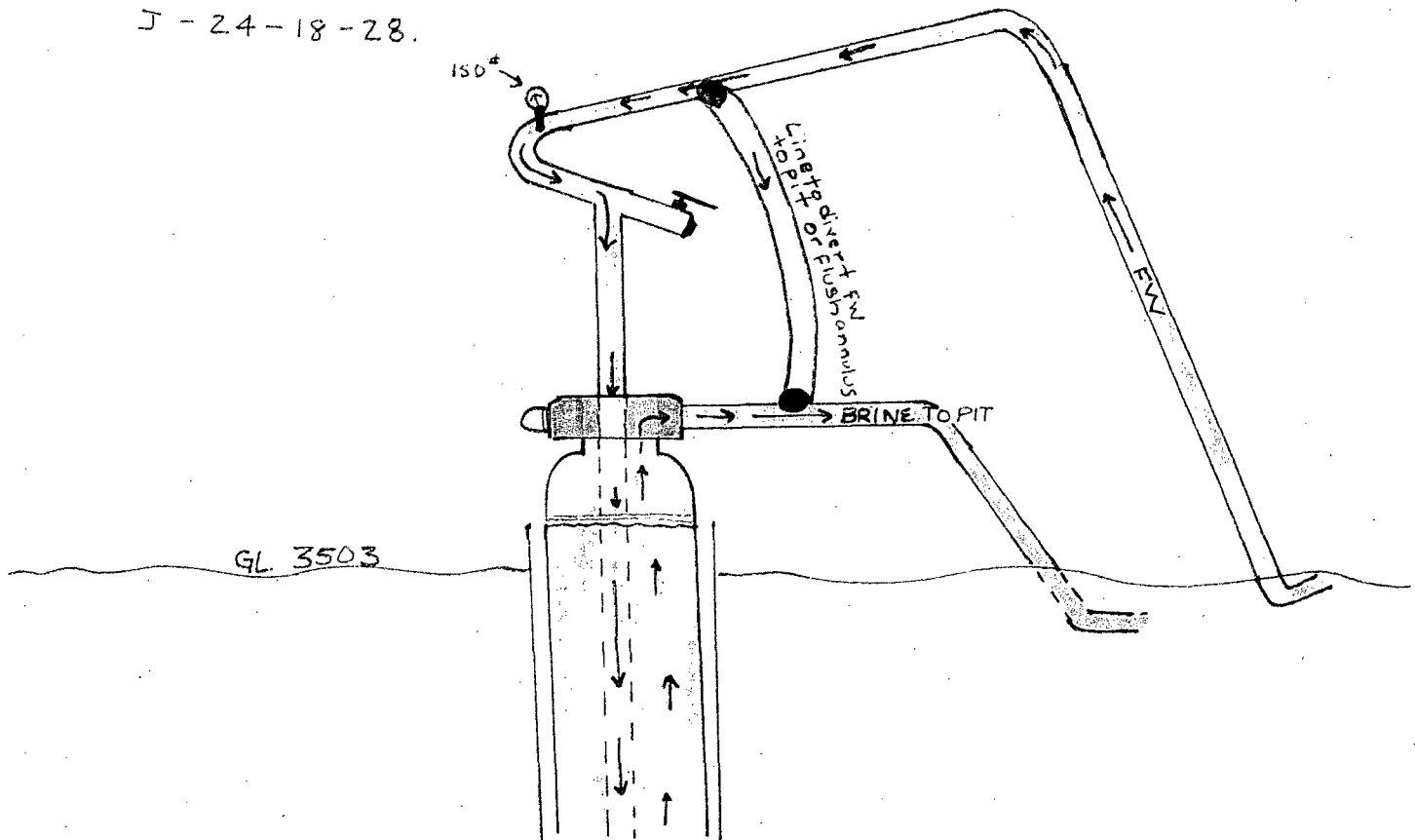
cleaned out to 1540'
35 sx plug fm. 1540-1400

Wellhead sketch:

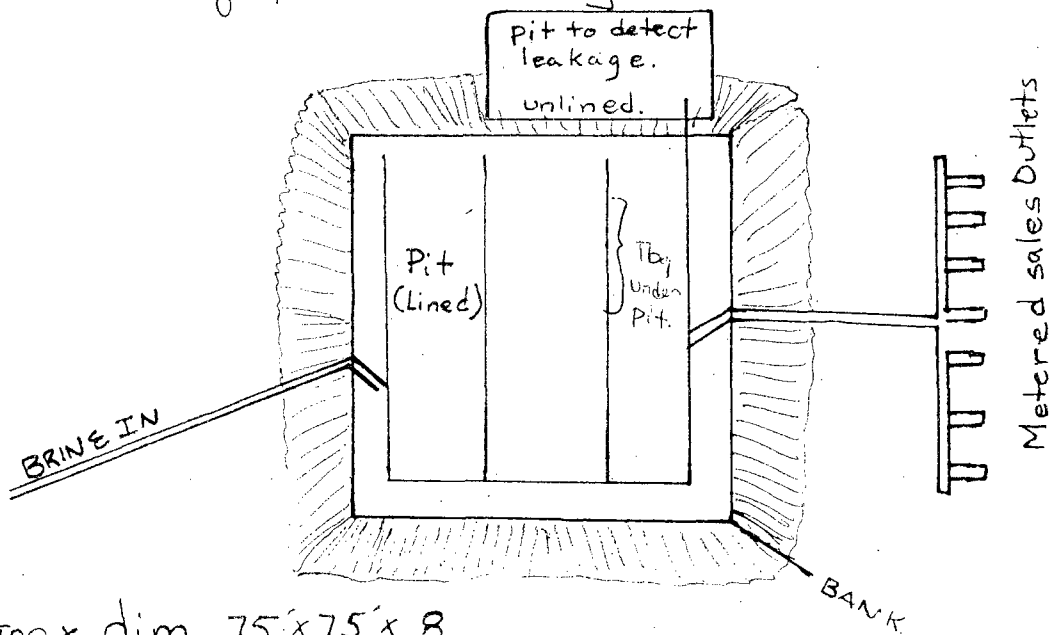
PBS&S 40B&E Inc.

St. 24#1

J-24-18-28.



Sur. equip (Brine Storage)



appx. dim. 75'x75'x 8

Side view:

II.) Attached schematic.

Ralph Nix & Jerry Curtis Gulf St. # 2

Wash 19-18-29

Redmixed w/ 4yds.
Cmt. Sq20 Holo @42' w/100 SXS.
Wash 225-45

Comp. 8296-2430

24-18-28

Imp. 2690-2975

397

x 680

7 in hy

860

300

500

2985

10' x 4' 6" - 50 SXS.

Imp. 297

Comp. 680

Imp. 926-30

355X 850-950

355X 1800-1900

Comp. 1830

Syba 2345.

52 50-3

2921 18 1/3 SXS

2921 18 1/3 SXS

2920 20 " " @ 2983 Tot 4795 w/

2920 20 " " @ 2983 Tot 4795 w/



STATE OF NEW MEXICO

STATE ENGINEER OFFICE

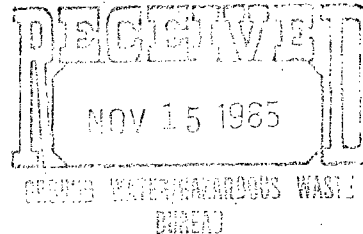
ROSWELL

S.E. REYNOLDS
STATE ENGINEER

October 16, 1985

DISTRICT 2
909 EAST 2ND ST.
P.O. BOX 1717
ROSWELL, NEW MEXICO 88201

B and E Inc.
Box 2292
Hobbs, New Mexico 88240



Gentlemen:

In accordance with your request regarding fresh water zones in the vicinity of your brine station located in the SE $\frac{1}{4}$ of Section 24, Township 18 South, Range 28 East, please be advised that there are no water wells within three miles of your location.

The closest well is located in the NE $\frac{1}{4}$ NW $\frac{1}{4}$ NE $\frac{1}{4}$ of Section 21, Township 18 South, Range 28 East. This well is completed in the Artesia Group. A water sample collected from this well on April 10, 1969 had a chloride concentration of 134 parts per million.

Yours truly,

James I. Wright
James I. Wright
Field Engineer

JIW/tmg
cc Santa Fe



C.L. CONSERVATION DIVISION

P. O. BOX 2292

SANTA FE, NEW MEXICO 87501

Form 10-1
Revised 11-1-78

WELL NUMBER	
DATE	
WELL TYPE	
WELL DEPTH	
WELL LOCATION	
WELL OPERATOR	

1. Well Name	State 24 Well #1
2. Well Location	
3. Well Depth	
4. Well Type	
5. Well Status	
6. Well Owner	
7. Well Operator	
8. Well Date	
9. Well No.	24 #1
10. Field and Loc. or Well	
11. County	Eddy

SUMMARY NOTICES AND REPORTS ON WELLS

DO NOT USE THIS FORM FOR A WELL WHICH IS BEING OPERATED BY A DIFFERENT WELLER OR FOR A WELL WHICH IS BEING OPERATED BY A DIFFERENT WELLER.

GIL WELL ☐ CAR WELL ☐ OTHER: Frine Well

Name of Operator

P. E. Inc.

Address of Operator

P. O. Box 2292, Hobbs, NM 88240

Location of Well

UNIT LETTER _____ FEET FROM THE _____ LINE AND _____ FEET FROM

THE _____ LINE, SECTION 24 TOWNSHIP 18-S RANGE 28-E

15. Elevation (show whether Top, RT, GR, etc.)

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

EMERGENCY REMEDIAL WORK ☒

PLUG AND ABANDON ☐

REMEDIAL WORK ☐

ALTERING CASING ☐

EMERGENCY ABANDON ☐

COMMENCE DRILLING OPNS. ☐

PLUG AND ABANDONMENT ☐

WELL OR ALTER CASING ☐

CHANGE PLANS ☐

CASING TEST AND CEMENT JOBS ☐

OTHER ☐

1. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Tubing parted. Rig up pulling unit and prepare to drill back to bottom
Tubing parted at 565' T.D. 660'

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED: Phil W. Wilson TITLE: President

DATE: 2-29-82

PROVED BY: _____ TITLE: _____ DATE: _____

CONDITIONS OF APPROVAL, IF ANY:

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

NEW MEXICO CONSERVATION COMMISSION

JUL 18 1978

O. C. C.
ARTEBIA, OFFICE

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease
STATE ☒ FEE ☐
5. State Oil & Gas Lease No.
M-19609

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well DRILL ☐ DEEPEN ☐ Re-Enter & PLUG BACK ☒ OIL WELL ☐ GAS WELL ☐ OTHER ☐ Brine Water Well ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐		8. Farm or Lease Name	
2. Name of Operator		State "24"	
Permian Brine Sales & Service, Inc.		9. Well No.	
3. Address of Operator		1	
P.O. Box 1591 Odessa, Texas 79760		10. Field and Pool, or Wildcat	
4. Location of Well UNIT LETTER M LOCATED 1987.9 FEET FROM THE South LINE AND 1930.4 FEET FROM THE East LINE OF SEC. 24 TWP. 18S RGE. 28E N40PM		Wildcat	
11. Elevation (Show whether DT, RT, etc.)		12. County	
3503 G.L.		Eddy	
19. Proposed Depth		19A. Formation	
680		Salt	
21A. Kind & Status Plug. Bond		20. Battery or C.T.	
One Well - 5,000		C.T.	
21B. Drilling Contractor		22. Approx. Date Work will start	
Not Selected Yet		July 25, 1978	

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
10"	8 5/8	24#	416'	50 sx	Sealed Off Water

We propose to re-enter the plugged and abandoned Nix & Curtis Gulf State #2 Well, clean out the surface plugs and mud to 740', 60' below the bottom of the salt at 680'; set a 60' cement plug, hang 2 7/8" tubing in the open hole and circulate fresh water to dissolve rock salt and make brine.

* Cement to surface behind 8 5/8" through 1"
Check plug reported @ 2320 if not as reported plug as follows
Spot a 35 SK plug 2280-2380
" " 35 SK " 1800-1900
" " 35 SK " 880-980

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed Michael R. Allen Title President Date 7-17-78

(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

* as noted

7-28-28

Mr. Hickerson

this would be my recommendation
for preparing this well
for a Brine Supply well.

Bill Gussett

Bond # 610 031537 1

approved 7-27-28

5000'

5000

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

NOTICE OF INTENTION TO DRILL OR RECOMPLETE

Notice must be given to the District Office of the Oil Conservation Commission and approval obtained before drilling or recompletion begins. If changes in the proposed plan are considered advisable, a copy of this notice showing such changes will be returned to the sender. Submit this notice in QUINTUPPLICATE. One copy will be returned following approval. See additional instructions in Rules and Regulations of the Commission.

Artesia, New Mexico
(Place)

March 17, 1955
(Date)

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Gentlemen:

You are hereby notified that it is our intention to commence the (Drilling) (~~Recompletion~~) of a well to be known as

Ralph Nix and Jerry Curtis

(Company or Operator)

Gulf-State

(Lease)

Well No. **2**, in **J** The well is

located **1988** feet from the **South** line and **1930** feet from the

East

line of Section **24**, T. **18S**, R. **28E**, NMPM.

(GIVE LOCATION FROM SECTION LINE) **Undesignated** Pool, **Eddy** County

If State Land the Oil and Gas Lease is No. **B-11595**

If patented land the owner is

Address

We propose to drill well with drilling equipment as follows: **Cable tools to T.D.**

The status of plugging bond is **Statewide bond.**

Drilling Contractor **Roach & Shepard**

We intend to complete this well in the **San Andres**

formation at an approximate depth of **3000** feet.

CASING PROGRAM

We propose to use the following strings of Casing and to cement them as indicated:

Size of Hole	Size of Casing	Weight per Foot	New or Second Hand	Depth	Sacks Cement
10"	8 5/8	24	New	340	Set
8"	5 1/2	15 1/2	New	2900	50

If changes in the above plans become advisable we will notify you immediately.

ADDITIONAL INFORMATION (If recompletion give full details of proposed plan of work.)

We will keep Mr. Hanson advised as to conditions so he can direct any changes needed in pipe program.

Ground Elevation 3503'

Approved....., 19.....
Except as follows:

Sincerely yours,

Ralph Nix & Jerry Curtis

(Company or Operator)

By **Jerry Curtis**

Position **Co-owner**

Send Communications regarding well to

Name **Nix & Curtis**

Address **Box 605**

Artesia, New Mexico

OIL CONSERVATION COMMISSION

By **L. C. Hanson**

Title

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

MISCELLANEOUS REPORTS ON WELLS

Submit this report in TRIPLICATE to the District Office, Oil Conservation Commission, within 10 days after the work specified is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, result of plugging of well, result of well repair, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Report by Checking Below

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON RESULT OF TEST OF CASING SHUT-OFF	☒	REPORT ON REPAIRING WELL	
REPORT ON RESULT OF PLUGGING WELL		REPORT ON RECOMPLETION OPERATION		REPORT ON (Other)	

March 25, 1955

(Date)

Artesia, New Mexico

(Place)

Following is a report on the work done and the results obtained under the heading noted above at the

Ralph Mix and Jerry Curtis

(Company or Operator)

Gulf State

(Lease)

Roach and Shepard

(Contractor)

Well No. 2 in the NW 1/4 SE 1/4 of Sec. 24

T. 18S, R. 28E, NMPM, Undesignated Pool, Eddy County.

The Dates of this work were as follows: Ran pipe 3-22-55 and drilled out 3-24-55

Notice of intention to do the work ~~(was)~~ (was not) submitted on Form C-102 on _____, 19____, (Cross out incorrect words)and approval of the proposed plan (was) ~~(was not)~~ obtained. Notice given on form C-101 and permission obtained from Mr. Hanson after he was notified by phone.

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

T.D. 416 set. Top salt 397. Water at 240.

On March 22, cemented 416 ft. of 8 5/8" csg. with 50 sax.

On March 24, drilled out cement and tested. Had water shut off.

Witnessed by E.J. Shepard (Name) Roach & Shepard (Company) Partner (Title)

Approved:

OIL CONSERVATION COMMISSION

A. C. Hanson (Name)

(Title)

(Date)

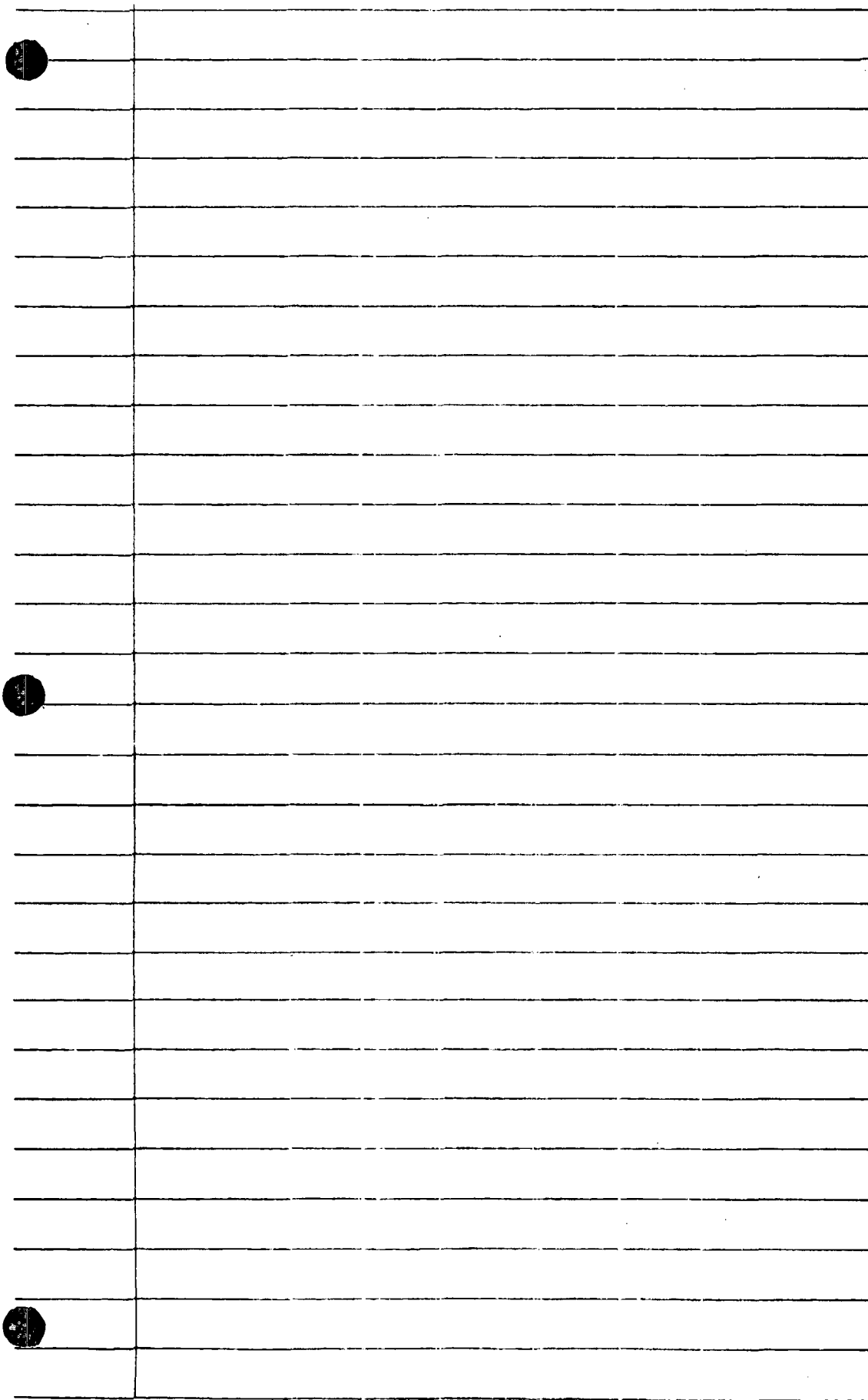
I hereby certify that the information given above is true and complete to the best of my knowledge.

Name Jerry Curtis

Position Co-owner

Representing Mix & Curtis

Address Box 605, Artesia, New Mexico



Petroleum Information.

WELL	EDDY	FIELD	Undesignated	STATE	NM
OPR	PERMIAN BRINE SALES & SERV. INC.			APR	MH 02C36
NO	WS-1 State "24"			MAP	
	Sec 24, T18S, R28E			COORD	
	1988' FSL, 1930' FEL of Sec				6-3-9 NM
	10 mi SW/Loco Hills			RE	12-16-78
				RE	1-26-79
	WFX IN U				
	FORMATION	DATE	FORMATION	DATE	
	TD 3009' (GRBG)			PBL	740'

2 5/8" at 416' w/50 sx

(Salt) OH 416-740'; Water Supply Well

OPRS ELEV	3505' GL	PD	680' WO
-----------	----------	----	---------

F.R. 8-21-78 OWWO
(Salt)
(Orig. Nix, Ralph-Curtis J., 2 Gulf State,
D&A 5-11-55, OTD 3009')
6-16-79 AMEND LOC. ON TICKET ONLY, FIELD & WELL NO.:
Formerly reported as 1998' FSL, 1930' FEL
of Sec; Wildcat & #1
6-11-79 TD 3009'; PBD 740'; Complete
CO to 1540'
PB to 740'
Brine Water Well
6-16-79 COMPLETION ISSUED

6-3-9 NM
IC 30-015-70296-78

Company Nix & Curtis

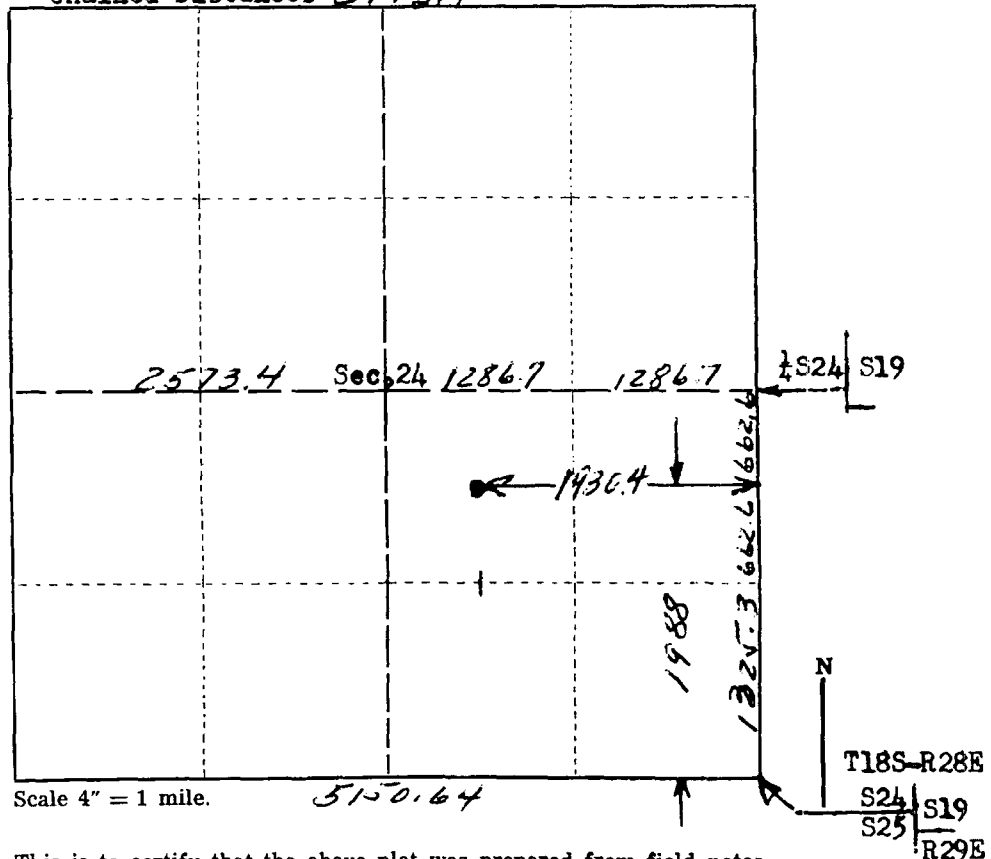
Lease Gulf State Well No. 2

Sec. 24 T. 18 S., R. 28 E., N.M.P.M.

Location NW 1/4 SE 1/4 (1987.9' from South Line & 1930.4' from East Line)

County Eddy New Mexico

Chained Distances 5143.4



This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

Seal:

Artesia, New Mexico

John A. Mathe Jr.
Registered Professional
Land Surveyor.

Surveyed March 16, 1955

17532 Advocate Print

Surveyed March 15, 1955

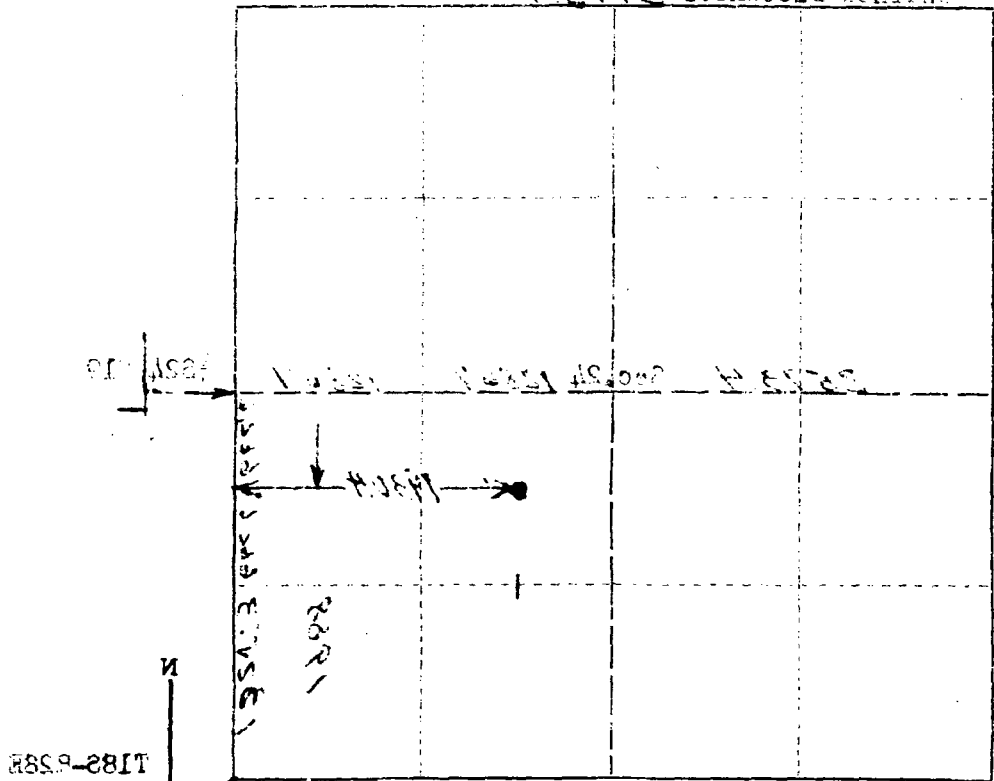
Artista, New Mexico

Seal:

Registered Professional
Land Surveyor

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

Scale 4" = 1 mile.
R502
S24
T18S-R502E



County _____ New Mexico

Location on West 1/4 (1937) from South line of 1930.41 from East line)

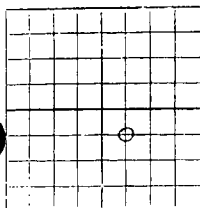
Sec. 18 T. 18 S. R. 50 E. N. 1/4

Less: _____ Oil State _____ Well No. _____

Company _____ & _____

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

WELL RECORD



AREA 40 ACRES
LOCATE WELL CORRECTLY

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE. If State Land submit 6 Copies

Wells: 2 in 15 $\frac{1}{4}$ of 15 $\frac{1}{4}$ of Sec. 24 T. 18 R. 28 NMPM.
Unassigned Pool, Eddy County.
Well is 1988 feet from South line and 1530 feet from East line
of Section 24. If State Land the Oil and Gas Lease No. is B-11595.
Drilling Commenced March 15, 1955. Drilling was Completed April 29, 1955.
Name of Drilling Contractor Houch & Chapard
Address Artesia, New Mexico
Elevation above sea level at Top of hole 3503. The information given is to be kept confidential until
19 .

OIL SANDS OR ZONES

No. 1, from 920 to 930 No. 4, from to
No. 2, from 2335 to 2345 No. 5, from to
No. 3, from 2971 to 2983 No. 6, from to

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from 225 to 245 feet.
No. 2, from 2335 to 2345 feet.
No. 3, from 3004 to 3009 feet.
No. 4, from to feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
8 5/8		Used	116				Water shut-off

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MTD USED
10	8 5/8	116	50	London		

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qs. or Gals. used, interval treated or shot.)

Result of Production Stimulation.....
Depth Cleaned Out.....

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100

REC OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

TOOLS USED

Rotary tools were used from.....feet to.....feet, and from.....feet to.....feet.
Cable tools were used from.....feet to.....feet, and from.....feet to.....feet.

PRODUCTION

to Producing.....19.....

OIL WELL: The production during the first 24 hours was.....barrels of liquid of which.....
was oil;.....% was emulsion;.....% water; and.....% was sediment. A.P.I.
Gravity.....

GAS WELL: The production during the first 24 hours was.....M.C.F. plus.....barrels of
liquid Hydrocarbon. Shut in Pressure.....lbs.

Length of Time Shut in.....

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy.....	T. Devonian.....	T. Ojo Alamo.....	
T. Salt.....397	T. Silurian.....	T. Kirland-Fruitland.....	
B. Salt.....680	T. Monroya.....	T. Farmington.....	
T. Yates.....	T. Simpson.....	T. Pictured Cliffs.....	
T. J. Rivers.....	T. McKee.....	T. Menefee.....	
T. Queen.....1820	T. Ellenburger.....	T. Point Lookout.....	
T. Grayburg.....	T. Gr. Wash.....	T. Mancos.....	
T. San Andres.....2612	T. Granite.....	T. Dakota.....	
T. Glorieta.....	T. Morrison.....	T. Morrison.....	
T. Drinkard.....	T. Penn.....	T. Penn.....	
T. Tubbs.....	T. Miss.....		
T. Abo.....			
T. Penn.....			
T. Miss.....			

FORMATION RECORD

From	To	Formation	From	To	Formation
0	20	Caliche	2720	2740	White line
20	30	Sand	2740	2762	Gr. line
30	40	Gravel	2762	2782	Grn. line
40	50	Sand	2782	2803	Dark line
50	62	Gravel	2803	2820	Sand & line
62	99	S. beds	2820	2837	Gr. line
99	112	Gravel	2837	2850	Grn. line
112	220	Sand & S. beds	2850	2921	Gr. line (Tested 1 hr.- 18 1/3 gal. wtr.)
220	250	Sand & Gr. (wtr. 225-245)	2921	2938	Gr. sandy line
250	260	S. beds	2938	2953	Gr. line
260	290	Gr. shale	2953	2960	Line (Test 30 min- 20 gal. wtr.)
290	335	S. beds (reduce hole at 305')	2960	2971	Gr. line
335	390	S. beds & Gr.	2971	2983	Line (Tested 1 hr.- 47 gal. wtr. & show of oil on top of wtr.)
390	397	S. beds	2983	3001	Gr. line
397	680	Salt	3001	3009	White line (Hole full of salt wtr.)
680	865	Anhy	3009	-	T.D.
865	905	Bkn. Anhy			
905	920	Anhy			
920	930	Brn. sand (see show)			
930	1045	Anhy			
1045	1090	Bkn. Anhy			
1090	1355	Anhy			
1355	1390	Anhy & Solo			
1390	1415	Anhy (Corrected measurement- 1384-1383) see also 1402-1404			
1415	1450	Anhy			
1450	1461	Anhy & line			
1461	1534	Anhy			
1534	1540	Brn. line			
1540	1675	Anhy			
1675	1745	Bkn. Anhy			
1745	1785	Anhy			
1785	1820	Bkn. Anhy			
1820	1835	Anhy			
1835	1855	Sid sand (strung in 1850-1854)			
1855	1905	Brn. line & Anhy			
1905	1930	Anhy & line			
1930	2000	Anhy (Tested no wtr.)			
2000	2020	Gr. line			
2020	2030	Anhy			
2030	2055	Anhy line			
2055	2076	Anhy			
2076	2080	Line			
2080	2110	Pink line			
2110	2140	Bkn. Anhy			
2140	2150	Anhy			
2150	2160	Pink & line			
2160	2176	Pink line			
2176	2215	Gr. line			
2215	2225	Gr. sand & R.D.			
2225	2325	Gr. line (Strung in 2274-2278)			
2325	2335	Sandy line			
2335	2345	Gr. sand (Tested 30 min- 18 gal. wtr. & light show oil)			
2345	2348	Sand			
2348	2410	Gr. line			
2410	2430	Gr. sandy line			
2430	2435	Gr. line			
2435	2440	Gr. sandy line			
2440	2458	Gr. line			
2458	2460	Pink line			
2460	2470	Gr. line			
2470	2475	Line sandy line			
2475	2485	Pink & Gr. line			
2485	2554	Pink line			
2554	2563	Gr. line (1 hr. test- 15 gal. wtr. per hr.)			
2563	2595	Pink line			
2595	2600	Sandy line			
2600	2625	Pink line			
2625	2650	Pink Gr. line			

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

MISCELLANEOUS REPORTS ON WELLS

Submit this report in TRIPLICATE to the District Office, Oil Conservation Commission, within 10 days after the work specified is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, result of plugging of well, result of well repair, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Report by Checking Below

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON RESULT OF TEST OF CASING SHUT-OFF		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF PLUGGING WELL	X	REPORT ON RECOMPLETION OPERATION		REPORT ON (Other)	

May 20, 1955
(Date)

Artesia, New Mexico
(Place)

Following is a report on the work done and the results obtained under the heading noted above at the

Ralph Nix and Jerry Curtis
(Company or Operator)

Gulf-State #2
(Lease)

Roach and Shepard
(Contractor)

Well No. 2 in the NW 1/4 SE 1/4 of Sec. 24

T. 18S, R. 28E, NMPM, Undesignated Pool, Eddy County.

The Dates of this work were as follows: May 14, 1955

Notice of intention to do the work (~~was~~) (was not) submitted on Form C-102 on _____, 19____, and approval of the proposed plan (was) (~~was not~~) obtained. Orally from Mr. Hanson.
(Cross out incorrect words)

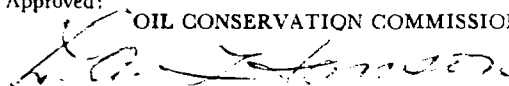
DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

T.D. 3009'. Used Denton Cementing Company.
Pumped 15 sack cement on bottom back to 2965'.
Pumped mud back to 2350' and pumped cement from 2350 to 2320.
Pumped mud to 420' and cement from 420' to 390'.
Mudded to top and cemented marker.

Witnessed by C. E. Roach
(Name)

Roach and Shepard
(Company)

Co-owner
(Title)

Approved: 
OIL CONSERVATION COMMISSION
(Name)

I hereby certify that the information given above is true and complete to the best of my knowledge.

Name: Jerry Curtis

Position: Co-owner

Representing: Ralph Nix & Jerry Curtis

Address: Box 605, Artesia, New Mexico

(Title)

(Date)

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

Operator Permian Brine Sales & Service, Inc.		Lease State "24"		Well No. 1
Unit Letter X J	Section 24	Township 18 South	Range 28 East	County Eddy
Actual Postage Location of Well: 1987.9 feet from the South line and 1930.4 feet from the East line				
Ground Level Elev. 3503	Producing Formation Salt	Pool Wildcat	Dedicated Acreage: 40 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation DNA

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) DNA

No allowable well be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

Re-Entry of Nix & Curtis Gulf State No. 2 Survey Attached			

CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name

Position

Company

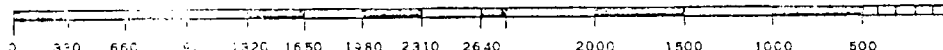
Date

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

Registered Professional Engineer
and/or Land Surveyor

Certificate No.



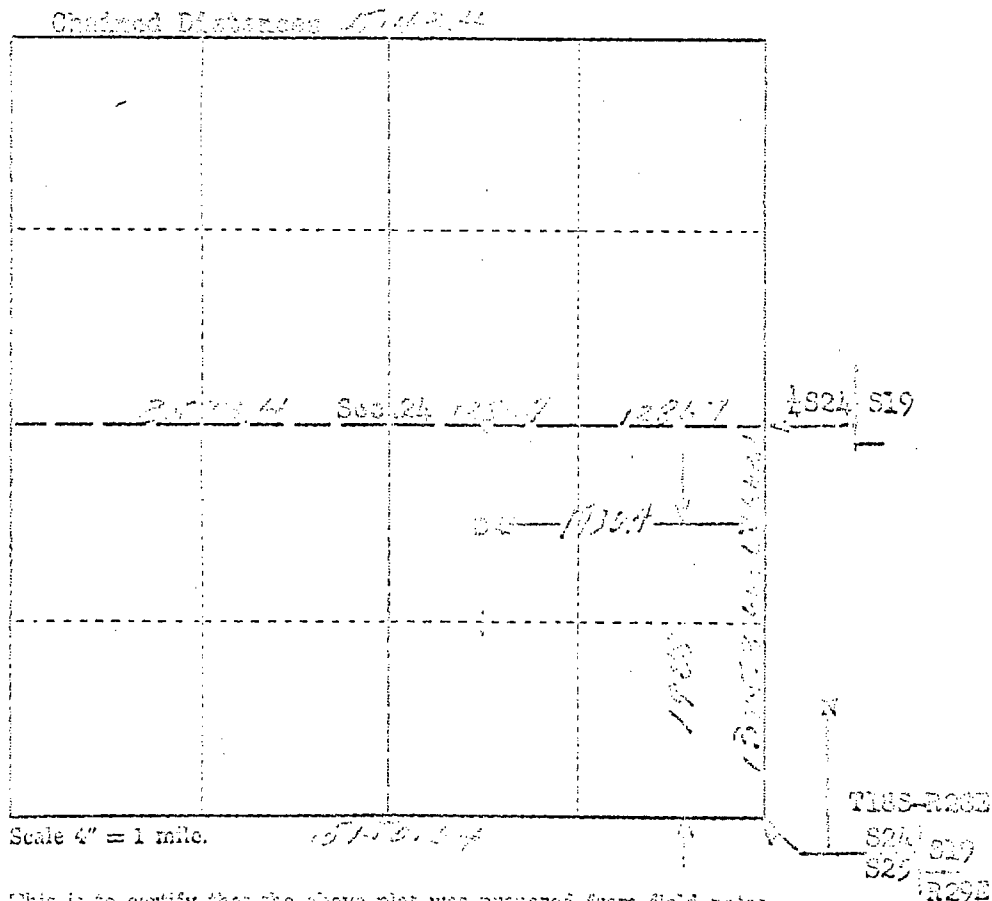
Company W. & C. Curtis

Lease Oil State Well No. 2

Sec. 24 T. 18 S., R. 28 E., N.M.P.M.

Location NE 1/4 Sec. 24 (1987.9' from South Line & 1990.4' from East Line)

County Eddy, New Mexico



This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

Seal:
Artesia, New Mexico

Registered Professional
Geological Land Surveyor.

Surveyed March 14, 1934

11022 Advocate Print

NEW MEXICO OIL CONSERVATION COMMISSION

AUG - 1 1978

J. C. C.
ARTESIA, OFFICE

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease	
STATE ☒	FED. ☐
5. State Oil & Gas Lease No.	
M-19609	
7. Split Agreement Name	
8. Farm or Lease Name	
State "24"	
9. Well No.	
1	
10. Field and Pool, or Wildcat	
Wildcat	
11. County	
Eddy	
12. Locality or C.T.	13. Locality or C.T.
	C.T.
22. Approx. Date Work will start	
July 25, 1978	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK						
1a. Type of Work b. Type of Well CIL WELL ☐ OTHER ☒ SINGLE ZONE ☒ MULTIPLE ZONE ☐						7. Unit Agreement Name
c. Name of Operator <u>Permian Brine Sales & Service, Inc.</u> d. Address of Operator <u>P.O. Box 1591 Odessa, Texas 79760</u>						8. Farm or Lease Name <u>State "24"</u>
e. Location of Well NE 1/4 SE 1/4 SW 1/4 T. 18S R. 28E S. 24 LOCATED <u>1987.9</u> FEET FROM THE <u>South</u> LINE AND <u>1930.4</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>24</u> TWP. <u>18S</u> EGE. <u>28E</u> NMPM						9. Well No. <u>1</u>
						10. Field and Pool, or Wildcat <u>Wildcat</u>
						11. County <u>Eddy</u>
						12. Property or C.T. <u>C.T.</u>
13. Proposed Depth <u>680</u>						14A. Formation <u>Salt</u>
15. Kind of Cement Plug Bond <u>One Well- 5,000</u>						16. Drilling Contractor <u>Not Selected Yet</u>
17. Approximate Date Work will start <u>July 25, 1978</u>						
23. PROPOSED CASING AND CEMENT PROGRAM						
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP	
10"	8 5/8	24#	416'	50 sx	Sealed Off Water	
				<u>TD 3009 RA 7-12-55</u>		

We propose to re-enter the plugged and abandoned Nix & Curtis Gulf State #2 Well, clean out the surface plugs and mud to 2380', plug as shown below and hang 2 7/8" tubing in the open hole and circulate fresh water to dissolve rock salt and make brine.

PLUGS

Cement to surface behind 8 5/8" through 1"
Check plug reported @ 2320, if not as reported plug as follows
Spot a 35 sk plug 2280-2380
Spot a 35 sk plug 1800-1900
Spot a 35 sk plug 880- 980

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED

EXPIRES 11-7-78

IN ABOVE SPACE DEPTH OF PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE PLUGGED-IN PREVENTED PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed W. H. H. H. H. Title President Date 1-21-78

(This space for State Use)

APPROVED BY W. A. Grissett TITLE SUPERVISOR, DISTRICT II DATE AUG - 7 1978

CONDITIONS OF APPROVAL, IF ANY:

Notify N.M.O.C.C. in sufficient time to witness

Counting + scattering plugs

NO. OF COPIES RECEIVED	6
DISTRIBUTION	
SANTA FE	1
FILE	1
U.S.G.S.	2
LAND OFFICE	1
OPERATOR	1

RECEIVED NEW MEXICO OIL CONSERVATION COMMISSION

AUG 28 1978

AUG - 1 1978

O. C. C.

O. C. C.
ARTEBIA, OFFICE

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease
STATE ☒ FEE ☐

5. State Oil & Gas Lease No.

M-19609

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work b. Type of Well OIL WELL ☐ GAS WELL ☐ OTHER ☒ Brine Water Well SINGLE ZONE ☒ MULTIPLE ZONE ☐		7. Unit Agreement Name	
2. Name of Operator Permian Brine Sales & Service, Inc. ✓		8. Farm or Lease Name State "24"	
3. Address of Operator P.O. Box 1591 Odessa, Texas 79760		9. Well No. 1	
4. Location of Well UNIT LETTER: M7 LOCATED 1987.9 FEET FROM THE South LINE AND 1930.4 FEET FROM THE East LINE OF SEC. 24 TWP. 18S RGE. 28E NMPM		10. Field and Pool, or Wildcat Wildcat	
11. Proposed Depth 680		12. County Eddy	
19A. Formation Salt		20. Rotary or C.T. C.T.	
21. Elevations (Show whether DE, RT, etc.) 3503 G.L.		22. Approx. Date Work will start July 25, 1978	
21A. Kind & Status Plug Bond One Well- 5,000		21B. Drilling Contractor Not Selected Yet	

No. 610-031537-1

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
10"	8 5/8	24#	416'	50 sx	Sealed Off Water

TD 3009 RA 7-12-55

We propose to re-enter the plugged and abandoned Nix & Curtis Gulf State #2 Well, clean out the surface plugs and mud to 2380', plug as shown below and hang 2 7/8" tubing in the open hole and circulate fresh water to dissolve rock salt and make brine.

PLUGS

Cement to surface behind 8 5/8" through 1"

Check plug reported @ 2320, if not as reported plug as follows

Spot a 35 sk plug 2280-2380

Spot a 35 sk plug 1800-1900

Spot a 35 sk plug 880- 980

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,

EXPIRES 11-7-78

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE ALLOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed W. A. Gussert Title President Date 7-31-78

(This space for State Use)

APPROVED BY W. A. Gussert TITLE SUPERVISOR, DISTRICT II DATE AUG - 7 1978

CONDITIONS OF APPROVAL, IF ANY:

Notify N.M.O.C.C. in sufficient time to witness

Cementing & scatterer always

PERMIAN BRINE SALES & SERVICE, INC.

24-HOUR BRINE SERVICE THROUGHOUT THE PERMIAN BASIN

ODESSA, TEXAS

P. O BOX 1591

79760

PHONE 332-0531

RECEIVED

NOV - 8 1978

November 7, 1978

U. C. C.
ARTESIA OFFICE

Mr. W. A. Gressett
New Mexico Oil Conservation
Commission
Drawer DD
Artesia, New Mexico 88210

Re: Brine Water Well
Sec 24, T185, R28E

Dear Mr. Gressett:

Attached are copies of Form 103, requesting a 90-day extension of the re-entry approval which expires November 7, 1978.

We have not yet received final approval of the easement for the fresh water line to the brine well. I hesitate to proceed with the work on the well until I am assured of a supply of fresh water.

Your approval will be appreciated.

Very truly yours,

PERMIAN BRINE SALES & SERVICE, INC.

A. L. Hickerson
A. L. Hickerson
President

ALH/clo

cc: B & E, Inc.
Hobbs, N.M.

Attachments

DISTRIBUTION		
SANTA FE	1	
CE	1	
S.G.S.	2	
LAND OFFICE	1	
OPERATOR	1	

NEW MEXICO OIL CONSERVATION COMMISSION NOV 8 1978

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

O. C. C.
ARTESIA, OFFICE

5a. Indicate Type of Lease State ☒ Fee ☐
5. State Oil & Gas Lease No. M-19609
7. Unit Agreement Name
8. Farm or Lease Name STATE "24"
9. Well No. 1
10. Field and Pool, or Wildcat WILDCAT
12. County EDDY

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. SEE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

OIL WELL ☐ GAS WELL ☐ OTHER- BRINE WATER WELL

Name of Operator
PERMIAN BRINE SALES & SERVICE, INC. ✓

Address of Operator
P.O. BOX 1591, ODESSA, TEXAS 79760

Location of Well
UNIT LETTER M 1987.9 FEET FROM THE SOUTH LINE AND 1930.4 FEET FROM THE EAST LINE, SECTION 24 TOWNSHIP 18S RANGE 28E N.M.P.M.

15. Elevation (Show whether DF, RT, GR, etc.)
3503 G.L.

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	OTHER <u>Delay re-entry</u> ☐	CASING TEST AND CEMENT JOB ☐	OTHER ☐

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

We have not yet recieved final approval of our easement for the fresh water line to the brine well, from the State of New Mexico Commissioner of Public Lands.
We request a 90 day extension of previous approval which expires 11-7-78.

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,
EXPIRES 2-13-79

I, hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED W. P. Gressitt TITLE PRESIDENT DATE 11-7-78

APPROVED BY W. P. Gressitt TITLE SUPERVISOR, DISTRICT II DATE NOV 13 1978

CONDITIONS OF APPROVAL, IF ANY:

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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease State ☒ Fee ☐
5. State Oil & Gas Lease No. M-19609
7. Unit Agreement Name
8. Firm or Lease Name STATE "24"
9. Well No. 1
10. Field and Pool, or Wildcat WILDCAT
12. County EDDY

SUNDY NOTICES AND REPORTS ON WELLS

DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.
SEE APPLICATION FOR PERMIT L-11 FORM C-101 FOR SUCH PROPOSALS.

OIL WELL ☐	GAS WELL ☐	OTHER- BRINE WATER WELL
1. Name of Operator PERMIAN BRINE SALES & SERVICE, INC.		
2. Address of Operator P. O. Box 1591, Odessa, Texas 79760		
3. Location of Well UNIT LETTER C 1987.9 FEET FROM THE South LINE AND 1930.4 FEET FROM THE East LINE, SECTION 24 TOWNSHIP 18 S RANGE 28 E N.M.P.M.		
15. Elevation (Show whether DF, RT, GR, etc.) 3503 G.L.		

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
DRILL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOBS ☐	OTHER Alter plugging program and complete. ☒

16. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work; SEE RULE 1103.)

Cleaned out surface plug. No Plug at 420-390. Cleaned out and bailed to 1540 feet. Hit cement plug. Called Bill Gressett and received approval to plug as follows:

35 sacks - 1540' - 1400'
50 sacks - 1000' - 740'

Dowell acid cementing. Completed by hanging 2-7/8" tubing in open hole in salt section @ 660'.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED A. L. Hickerson TITLE President DATE 12-27-78
A. L. Hickerson

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
ARTESIA DISTRICT OFFICE

JERRY APODACA
GOVERNOR

NICK FRANKLIN
SECRETARY

P.O. DRAWER DD
ARTESIA, NEW MEXICO 88210
(505) 746-4861

December 29, 1978

Permian Brine Sales & Service, Inc.
P.O. Box 1591
Odessa, Texas 79760

Re: State 24
#1-J-24-18-28
Eddy County, N.M.

Gentlemen:

We are returning the enclosed Form C-103 on the subject well for additional information.

Please show when work was started, and if plug was tagged at 740' and how you cemented behind the 8 5/8" surface casing.

Also, submit Form C-105, Well Completion Report and Log.

If you have any questions concerning this matter, please feel free to call upon me.

Sincerely yours,

W. A. Gressett

W. A. Gressett
Supervisor, District II

WAG:ro

Enclosure

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OPERATOR	

Form O-105
Revised 10-68

RECEIVED
NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG
JAN 15 1979

O.C.C.

ARTESIAN, OFF-GE

1. Lease Type of Lease	
State ☒	Free ☐
2. Lease No. (If Lease No.)	
M-19609	

1. TYPE OF WELL		2. TYPE OF COMPLETION		3. Name of Operator		4. Address of Operator		5. Location of Well	
OIL WELL ☐ GAS WELL ☐ CRY ☐ OTHER ☒ Brine Water Well		NEW WELL ☐ WORK OVER ☒ DEEPEN ☐ PLUG BACK ☒ RE-ENTRY ☒ OTHER ☐ Re-Entry		Permian Brine Sales & Service, Inc. ✓		P.O. Box 1591 Odessa, Texas 79760		Wildcat	
UNIT LETTER J		LOCATED 1987.9 FEET FROM THE South LINE AND 1930.4 FEET FROM THE East LINE OF SEC. 24 TWP. 18S RGE. 28E						Eddy	
15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (D.F., RKB, RT, GR, etc.)	19. Elev. Casinghead					
12-15-78	12-18-78	12-19-78	3503 G.L.	3505					
20. Total Depth	21. Plug Back T.D.	22. Multiple Compl., How Many	23. Intervals Unified By	24. Rotary Tools	25. Cable Tools				
1540	660-740		→		X				
24. Producing Interval(s), of this completion — Top, Bottom, Name					25. Was Directional Survey Made				
Top 416' Bottom 680' Rock Salt					No				
26. Type Electric and Other Logs Run					27. Was Well Cored				
None					No				

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB. FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24"	416'	10"	50SX	None
Cleaned out to 1540'. Set 35SX plug from 1540-1400 and a 50SX plug from 1000-740' hung tubing in open salt section @ 660'					

29. LINER RECORD				30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
	None				2 7/8"	660'
						PACKER SET
						No

31. Perforation Record (Interval, size and number)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	None	

33. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping — Size and type pump)				Well Status (Prod. or Shut-in)	
Date of Test	Hours Tested	Flow Rate	Pressure Per Test Period	Oil — BBL	Gas — MCF	Water — BBL	Gas — Oil Ratio
Flow Tubing Press.	Casing Pressure	Flow Rate at Casing Pressure	Oil — BBL	Gas — MCF	Water — BBL	Oil Survey — API (Corr.)	
34. Disposition of Gas (Sold, used for fuel, vented, etc.)						Test Witnessed By	
List of Attachments							

35. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.		
SIGNED <i>[Signature]</i>	TITLE President	DATE 1-12-79

INSTRUCTIONS

This form is to be filled with the data obtained from the logs of the well, and not later than 24 hours after the completion of any newly-filled or deepened well. It will be used for the purpose of recording all electrical, mechanical, and stratigraphic data on the well and a summary of all special tests conducted in the well, and for the purpose of recording all data on the well, and for the purpose of recording all data on the well, and for the purpose of recording all data on the well. The data shall be reported for each zone. The form is to be filled in quadruplicate except on State lands where six copies are required, one for each copy.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anky	T. Canyon	T. One Above	T. Penn. "B"
T. Salt	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
H. Salt	T. Aboka	T. Fossiliferous Cliffs	T. Penn. "D"
T. Yates	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres	T. Simpson	T. Gallup	T. Ignacio Quete
T. Glorieta	T. McKee	Base Greenhorn	T. Granite
T. Padlock	T. Ellenburger	T. Dakota	T.
T. Blinnsbury	T. Gr. Wash	T. Morrison	T.
T. Tubb	T. Granite	T. Todilto	T.
T. Drinkard	T. Delaware Sand	T. Entrada	T.
T. Abo	T. Bone Springs	T. Wingate	T.
T. Wolfcamp	T.	T. Chinle	T.
T. Penn.	T.	T. Permian	T.
T. Cisco (Bouck C)	T.	T. Penn. "A"	T.

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....	No. 4, from.....to.....
No. 2, from.....to.....	No. 5, from.....to.....
No. 3, from.....to.....	No. 6, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....	feet.
No. 2, from.....to.....	feet.
No. 3, from.....to.....	feet.
No. 4, from.....to.....	feet.

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
			See Entry				

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Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

JAN 15 1979

D. C. C.

ARTESIA OFFICE

SUNDRY NOTICES AND REPORTS ON WELLS

DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR
SEE APPLICATION FOR PERMIT - FORM C-101 FOR SUCH PROPOSALS.

OIL WELL ☐	GAS WELL ☐	OTHER: <u>Brine Water Well</u>
Name of Operator <u>Permian Brine Sales & Service, Inc. ✓</u>		
Address of Operator <u>P.O. Box 1591, Odessa, Texas 79760</u>		
Location of Well UNIT LETTER <u>J</u> <u>1987.9</u> FEET FROM THE <u>South</u> LINE AND <u>1930.4</u> FEET FROM THE <u>East</u> LINE, SECTION <u>24</u> TOWNSHIP <u>18S</u> RANGE <u>28E</u> NEARBY		
15. Elevation (Show whether DF, RT, GR, etc.) <u>3503 G.L.</u>		

5a. Indicate Type of Lease State ☒ Fee ☐
5. State Oil & Gas Lease No. <u>M-19609</u>
7. Unit Agreement Name
8. Form or Lease Name <u>State "24"</u>
9. Well No. <u>1</u>
10. Field and Pool, or Wildcat <u>Wildcat</u>
12. County <u>Eddy</u>

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOB ☐	
		OTHER <u>Alter plugging program and complete.</u> ☒	

11. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Cable tool rig moved in on 12-15-78 and started work on 12-16-78
Cleaned out surface plug. No plug at 420-390. Cleaned out and
bailed to 1540 feet. Hit cement plug. Called Bill Gressett on
12-18-78 and received approval to plug as follows:

35 sacks - 1540' - 1400'
50 sacks - 1000' - 740'

Dowell did cementing. Completed by hanging 2 7/8" tubing in open
hole in salt section @ 660', after tagging top of cement plug at
740' on 12-19-78.

When top of P&A well uncovered found old cellar full of cement; top
of 8 5/8" casing had cement all around it so no additional cement
put down casing and hole annulus.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED W. A. Gressett TITLE President DATE 1-12-79

APPROVED BY W. A. Gressett TITLE SUPERVISOR, DISTRICT II DATE JAN 23 1979

CONDITIONS OF APPROVAL, IF ANY:

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RECEIVE
NEW MEXICO OIL CONSERVATION COMMISSION
JAN 25 1979

Form C-103
Supersedes Old
C-102 and C-101
Effective 1-1-65

O. C. C.
ARTESIA, OFFICE

5a. Indicate Type of Lease	State ☒ Fee ☐
5. State Oil & Gas Lease No.	M-19609
7. Unit Agreement No.	
8. Field or Lease Name	State "24"
9. Well No.	1
10. Field and Pool, or Unit	Wildcat
12. County	Eddy

SUNDRY NOTICES AND REPORTS ON WELLS
DO NOT USE THIS FORM FOR NOTICES TO OPERATE OR TO ABANDON A WELL OR TO A DIFFERENT RESERVOIR.
USE THESE FORMS FOR LEASES OR WELLS OPERATED FOR OTHER PURPOSES.

1. ☐ OIL WELL ☐ GAS WELL ☐ OTHER Brine Water Well

2. Name of Operator
Permian Brine Sales & Service, Inc.

3. Address of Operator
P. O. Box 1591

4. Location of Well
UNIT LETTER J 1987.9 FEET FROM THE South LINE AND 1930.4 FEET FROM
THE East LINE, SECTION 24 TOWNSHIP 18S RANGE 28E NMPM.

11. Elevation (Show whether DE, NT, GR, etc.)
3503 G.L.

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☒	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOB ☐	

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

After completion as shown on Form C-105, dated 1-12-79, it was found that there was a hole in the 8 5/8" casing at 42'. After consultation with Mike Williams, we squeezed the hole with 100 sacks of cement containing 3% CaCl₂. We then dug out the cement from around the top of the 8 5/8" casing and filled up the hole around the casing with 4 yards of concrete mix. We drilled out the cement plug and tested the casing to 400' with 170# pressure. Meter on water line indicated no leak. We then drilled out the plug at 400 ft. and tested the casing and cavern to 170#. Again the water meter indicated no leak. The 2 7/8" tubing was hung in the open hole and the well head reinstalled for service.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED [Signature] TITLE President DATE 1-25-79
APPROVED BY W. A. Gussert SUPERVISOR, DISTRICT 2 DATE JAN 26 1979

CONDITIONS OF APPROVAL, IF ANY:

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-101
Revised 10-1-78

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LAND OFFICE	
OPERATOR	

APR 29 1982

O. C. D.
ARTESIA OFFICE

5a. Indicate Type of Lease State ☒ Fee ☐
5. State Oil & Gas Lease No. M-19609
7. Unit Agreement Name
8. Farm or Lease Name State "24"
9. Well No. #1
10. Field and Pool, or Wildcat Wildcat
12. County Eddy

SUNDRY NOTICES AND REPORTS ON WELLS

DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.
USE APPLICATION FOR PERMIT (FORM C-101) FOR SUCH PROPOSALS.

1. ☐ OIL WELL ☐ GAS WELL ☐ OTHER	Brine Well
2. Name of Operator	Permian Brine Sales & Service, Inc.
3. Address of Operator	P. O. Box 2292, Hobbs, NM 88240
4. Location of Well	UNIT LETTER J 1987.9 FEET FROM THE South LINE AND 1930.4 FEET FROM East LINE, SECTION 24 TOWNSHIP 18-S RANGE 28-E NMPM.

15. Elevation (Show whether DF, RT, GR, etc.)

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data			
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☒	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOBS ☐	OTHER ☐

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Tubing parted. Rig up pulling unit and prepare to drill back to bottom
Tubing parted at 505' T.D. 660'

5/17/82

Rec'd. report on work completed.

The report is in the Permian Brines Sales & Service, Inc. order file.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED <u>Bill Wetherill</u>	TITLE <u>President</u>	DATE <u>2-29-82</u>
APPROVED BY <u>M. L. Walker</u>	TITLE <u>OIL AND GAS INSPECTOR</u>	DATE <u>APR 30 1982</u>
CONDITIONS OF APPROVAL, IF ANY:		

OIL CONSERVATION DIVISION
P. O. BOX 2000
SANTA FE, NEW MEXICO 87501Form C-104
Revised 10-1-78

RECEIVED BY

SEP 16 1983

O. C. D.

NATURAL GAS

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

1. OPERATOR B&E, Inc.	
Address P.O. Box 2292, Hobbs New Mexico 88240	
Reason(s) for filing (Check proper box)	Other (Please explain)
New Well ☐	Change in Transporter of:
Recompletion ☐	Oil ☐
Change in Ownership ☒	Casinghead Gas ☐
	Dry Gas ☐
	Condensate ☐

If change of ownership give name and address of previous owner: Permian Brine Sales, Box 1519, Odessa, Texas 79760

II. DESCRIPTION OF WELL AND LEASE

Lease Name State # 24	Well No. 1	Pool Name, including Formation Wildcat	Kind of Lease State, Federal or Fee STATE	Lease # M-1960
Location Unit Letter M 1987.9 Feet From The S Line and 1930.4 Feet From The E				
Line of Section 24 Township 18S Range 28E NMPM Eddy County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☐ or Condensate ☐	Address (Give address to which approved copy of this form is to be sent)
Name of Authorized Transporter of Casinghead Gas ☐ or Dry Gas ☐	Address (Give address to which approved copy of this form is to be sent)
If well produces oil or liquids, give location of tanks.	Unit Sec. Twp. Rge. Is gas actually connected? When

If this production is commingled with that from any other lease or pool, give commingling order number:

COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Some Other	Other
Date Spudded	Date Compl. Ready to Prod.	Total Depth	H.B.T.D.					
Elevations (D.F., R.K.B., R.T., C.R., etc.)	Name of Producing Formation	Top Oil/Gas Pay	Tubing Depth					
Perforations	Depth Casing Shoe							

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL

(Test must be after recovery of total volume of load oil and must be equal to or exceed top of hole for this depth or be for full 24 hours)

Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF

GAS WELL

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (shut-in)	Casing Pressure (shut-in)	Choke Size

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

OIL CONSERVATION DIVISION

APPROVED _____, 19

BY _____

TITLE _____

This form is to be filed in compliance with Rule 111.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the device tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for all wells on new and recompleted wells.

Fill out only Sections I, II, III, and VI for changes of well name or number, or transporter, or other such change of condition. Separate Forms C-104 must be filed for each pool in pool.

Spencer Williams
(Signature)
Secretary
(Title)
9-13-83
(Date)

RECEIVED
SEP 15 1983
C.C.2
WOMAN CIVIL



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
ARTESIA DISTRICT OFFICE

TONEY ANAYA
GOVERNOR

October 3, 1983

P.O. DRAWER 00
ARTESIA, NEW MEXICO 88210
(505) 748-1283

B & E, Incorporated
P. O. Box 2292
Hobbs, New Mexico 88240

Re: Plugging Bond
State #24
#1-M-24-18-28
Wildcat Pool

Gentlemen:

This office acknowledges receipt of your C-104, requesting a change of ownership from Permian Brine Sales, on the above captioned well.

However, before this change can be approved, we will need a plugging bond on this well.

As soon as we receive a bond letter from Santa Fe for this well, we will approve this change.

Very truly yours,

Leslie A. Clements
Supervisor, District II

LAC:fc

SECOND NOTICE - FEBRUARY 1, 1984 - PLEASE REPLY IMMEDIATELY.

*Rec'd. Verbal approval from Santa Fe
Dissem. 2/6/84 fc*

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501RECEIVED BY Form C-104
Revised 10-1-78

SEP 16 1983

O. C. D.
ARTESIAN OFFICEREQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I. OPERATOR
PRODUCTION OFFICE
UNIT/POOL

B&E Inc.
Address P.O. Box 2292, Hobbs New Mexico 88240

Reason(s) for filing (Check proper box)
New Well ☐ Change in Transporter of:
Recompletion ☐ Oil ☐ Dry Gas ☐
Change in Ownership ☒ Casinghead Gas ☐ Condensate ☐

Other (Please explain)

If change of ownership give name and address of previous owner: Permian Brine Sales, Box 1519, Odessa, Texas 79760

II. DESCRIPTION OF WELL AND LEASE

Lease Name State # 24 Well No. 1 Pool Name, including Formation Wildcat Kind of Lease State, Federal or Fee State Lease No. M-1960

Location
Unit Letter M 1987.9 Feet From The S Line and 1930.4 Feet From The E
Line of Section 24 Township 18S Range 28E NMPM Eddy County

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☐ or Condensate ☐ Address (Give address to which approved copy of this form is to be sent)

Name of Authorized Transporter of Casinghead Gas ☐ or Dry Gas ☐ Address (Give address to which approved copy of this form is to be sent)

If well produces oil or liquids, give location of tanks. Unit Sec. Twp. Rge. Is gas actually connected? When

If this production is commingled with that from any other lease or pool, give commingling order number:

IV. COMPLETION DATA

Designate Type of Completion - (X) Oil well Gas well New Well Workover Deepen Plug Back Some Initial Drill

Date Spudded Date Compl. Ready to Prod. Total Depth P.B.T.D.

Elevations (DF, RAB, RT, CR, etc.) Name of Producing Formation Top Oil/Gas Pay Tubing Depth

Perforations Depth Casing Shoe

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL

(Test must be after recovery of total volume of load oil and must be equal to or exceed top of hole for this depth or be for full 24 hours)

Date First New Oil Run To Tanks Date of Test Producing Method (Flow, pump, gas lift, etc.) Post TD-3
Length of Test Tubing Pressure Casing Pressure Choke Size 2-10-84
Actual Prod. During Test Oil - Bbls. Water - Bbls. Gas - MCF

GAS WELL

Actual Prod. Test - MCF/D Length of Test Bbls. Condensate/MMCF Gravity of Condensate

Testing Method (pilot, back pr.) Tubing Pressure (shut-in) Casing Pressure (shut-in) Choke Size

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Spencer Williams
Secretary
9-13-83
(Date)

OIL CONSERVATION DIVISION
FEB 07 1984

APPROVED _____, 19__

BY Mike Williams

TITLE OIL AND GAS INSPECTOR

This form is to be filed in compliance with rules and regulations.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the device tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for oil and gas wells.

Fill out only Sections I, II, III, and VI for changes of well name or number, or transporter, or other such change of conditions.

Form C-104 must be filed for each pool in which

RECEIVED
SEP 15 1983
D.C.D.
HOBBS OFFICE

RECEIVED
SEP 23 1983
O.C.D.
HOBBS OFFICE

Submit 3 Copies
Appropriate District Office
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-104
Revised 1-1-89
See Instructions
at Bottom of Page

RECEIVED

JUN 4 1992

REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Operator Jim's Water Service of Colorado, Inc.		Well API No.
Address P.O. Box 848, Artesia, NM 88210		
Reason(s) for Filing (Check proper box) ☐ Other (Please explain)		
New Well ☐	Change in Transporter of:	
Recompletion ☐	Oil ☐	Dry Gas ☐
Change in Operator ☒	Casinghead Gas ☐	Condensate ☐
If change of operator give name and address of previous operator B & E Inc., P.O. Box 756, Carlisbad, NM 88220		

II. DESCRIPTION OF WELL AND LEASE

Lease Name State 24	Well No. 1	Pool Name, including Formation Wildcat	Kind of Lease State, Federal or Fee	Lease No. M-1960
Location Unit Letter M : 1987.9 Feet From The S Line and 1930.4 Feet From The E Line Section 24 Township 18S Range 28E, NMPM, Eddy County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☐ or Condensate ☐	Address (Give address to which approved copy of this form is to be sent)					
Name of Authorized Transporter of Casinghead Gas ☐ or Dry Gas ☐	Address (Give address to which approved copy of this form is to be sent)					
If well produces oil or liquids, give location of tanks.	Unit	Sec.	Twsp.	Rge.	Is gas actually connected?	When?

If this production is commingled with that from any other lease or pool, give commingling order number:

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v
Date Spudded	Date Compl. Ready to Prod.		Total Depth		P.B.T.D.			
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation		Top Oil/Gas Pay		Tubing Depth			
Perforations					Depth Casing Shoe			
TUBING, CASING AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			
					Post TD-3			
					7-10-92			
					chg apr			

V. TEST DATA AND REQUEST FOR ALLOWABLE

OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours.)			
Date First New Oil Run To Tank	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF

GAS WELL

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

VI. OPERATOR CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature Mid Ray Clark NM Mgr.
Printed Name Mid Ray Clark Title
Date 6-23-92 Telephone No. 748-1352

OIL CONSERVATION DIVISION

Date Approved JUN 6 1992
By ORIGINAL SIGNED BY
MIKE WILLIAMS
Title SUPERVISOR DISTRICT II

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 2) All sections of this form must be filled out for allowable on new and recompleted wells.

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

WELL API NO.
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. M-19609
7. Lease Name or Unit Agreement Name State 24
8. Well No. 1
9. Pool name or Wildcat

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: Oil Well ☐ GAS Well ☐ OTHER Brine Well	
2. Name of Operator Jim's Water Service of Colorado, Inc.	
3. Address of Operator P.O. Box 848, Artesia, NM 88210	
4. Well Location Unit Letter <u>M</u> : <u>1988</u> Feet From The <u>FSL</u> Line and <u>1930.</u> Feet From The <u>FEL</u> Line Section <u>24</u> Township <u>185</u> Range <u>28E</u> NMPM <u>Eddy</u> County 10. Elevation (Show whether DF, RKB, RT, GR, etc.)	

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK ☒ PLUG AND ABANDON ☐	REMEDIAL WORK ☐ ALTERING CASING ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	CASING TEST AND CEMENT JOB ☐
Run new string of 2 7/8 tubing and OTHER: casing integrity test ☒	OTHER: ☐

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Brine well not producing 10# brine. It is believed the tubing is cut off at the brine level. Plan to pull tubing and run casing scrapper, run 8 5/8 tension packer to complete casing integrity test, run new string of 2 7/8 to bottom of salt section and return well to brine production.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE _____ TITLE NM Manager DATE 6-22-92

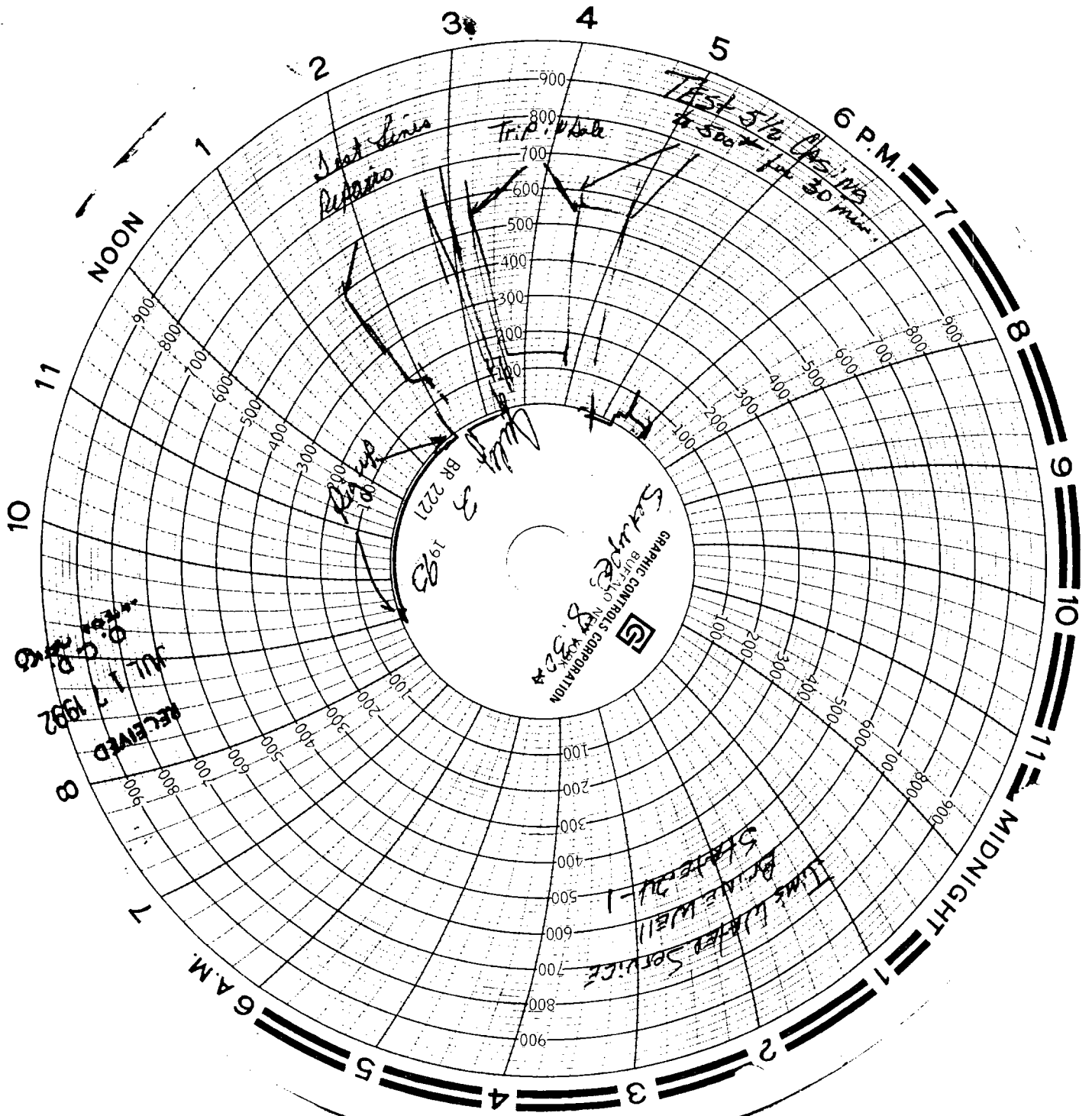
TYPE OR PRINT NAME Mid Ray Clark TELEPHONE NO. 748-1352

(This space for State Use)

ORIGINAL SIGNED BY
MARK A. CLARK
SUPERVISOR DISTRICT II

APPROVED BY _____ TITLE _____ DATE JUN 26 1992

CONDITIONS OF APPROVAL, IF ANY





June 30, 1992 Tuesday

Ran in hole with tubing, circulated hole with 10# brine. Rigged up dump bailer. Dumped 20 gals of Flo-check at 385'. Pulled out of hole, pushed 8 5/8 wiper plug down 8 5/8 and spotted it on top of Flo-check. Spotted 20 gals more of Flo-check on top of rubber plug. Dumped 5 sacks of cement and 3% calcium chloride on top of Flo-check. Pulled out of hole. Two hours later tagged cement plug at 368'. Shut down for WOC.

July 1, 1992 Wednesday

Ran in hole with 7 7/8" bit and found plug at 368'. Pulled out of hole, rigged up and ran a string of 5 1/2", 15.50# casing to 367'. Pumped 500 gals of Flo-check ahead of cement. Mixed cement @ 14.3# per gal. Pumped cement and Flo-check at 1 3/4 to 2 bbls per minute. Estimated 75% returns on Flo-check. When good cement began to circulate, mixed 6 bbls of 15.5# cement to leave bottom joint of 5 1/2" casing and around the bottom of the bottom two joints of 5 1/2" casing.

Dropped 5 1/2" top displacement plug. Displaced plug to a depth of 329'. Shut in WOC.

Pumped 100 sacks of class "C" 2% calcium chloride, and circulated 50 sacks of good cement to pit.

July 2, 1992 Thursday

Cut off 5 1/2 casing welded on 1/2" steel plate with 1" collar and valve to seal top of 8 5/8" casing to 5 1/2" casing. Purpose of valve to see if a leak developed between 8 5/8" casing and 5 1/2" casing welded on 5 1/2" bell nipple. Rigged up reverse unit and went in hole with 2 7/8" tubing and 4 3/4" bit. Tagged the plug.

Packed off well head and tested the casing to 550# and held for 30 minutes. (see attached chart) No bleed off was detected. Released the pressure and started drilling out cement in 5 1/2" casing. Drilled pilot hole to 441'. Pulled out of hole. Shut down for the day.

July 3, 1992 Friday

Picked up 3 1/2" collar and 4 3/4" bit. Went in the hole, started drilling. Drilled to 641'. Stopped drilling, picked up off bottom and set bottom of bit at 639'. Packed off well head and shut well in.

July 6, 1992 Monday

Opened well and started injecting fresh water down 2 7/8" at 70# psi. Six hours later began to have 10# brine returns.

Jim's Water Service of New Mexico

A Division of Jim's Water Service of Colorado, Inc

RECEIVED

JUN 17 1992

O. G. D.
OFFICE

P. O. Box 848
Artesia, New Mexico 88210
(505) 748-1352
Roswell, New Mexico 88201
(505) 622-9790
FAX (505) 746-3227

M-19609 State 24 Well #1
Completion Report

Follow up reports and results of report C-103 dated 6-22-92.

June 23, 1992 Tuesday

Upon pulling 2 7/8 tubing, it was found to have been cut off at 434.80'. This is approximately 18' below the 8 5/8 pipe. Picked up new string of 2 7/8 tubing, 7 5/8 bit, and 8 5/8 casing scraper. Went in the hole to a depth of 387'. The scraper caught on something and it was believed to be a bad spot in the 8 5/8 pipe. Pulled out of the hole and ran 8 5/8 bridge plug to test 8 5/8 casing. The test was inconclusive.

June 24, 1992 Wednesday

Continued to try to test 8 5/8 with 8 5/8 packer and bridge plug. Tested every 30 ft. from the bottom up. The pressure leaked off. Leakage due somewhat to no packer seats. However, at 134' from the surface, determined a probable leak in 8 5/8 pipe. Pulled out of the hole and laid down the assembly and returned to bottom open ended with 2 7/8 tubing, set a 40 sack cement plug. Shut down for WOC.

June 25, 1992 Thursday

Ran in hole with 7 7/8" bit to tag plug. No plug found. Pulled out of hole and ran 8 5/8 bridge plug with a by pass. Set bridge plug at 381'. Got packer seat, pumped 21 bbls fresh water at 5 bbls per minute. Felt fluid was going out hole in 8 5/8" pipe at 134'. Shut down for the day.

June 26, 1992 Friday

Rigged up dump bailer, pushed a 8 5/8" rubber wiper plug to 400'. Used dump bailer and put 6 sacks of cement and 2 sacks of sand on top of the rubber plug. Tagged plug at 378'. Shut down WOC.

June 29, 1992 Monday

Went in hole with 7 7/8" bit to tag plug. "No Plug".
Shut down.

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

RECEIVED

JUL 17 1992

WELL API NO.

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

M- 19609

7. Lease Name or Unit Agreement Name

State 24

8. Well No.

1

9. Pool name or Wildcat

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT"
(FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:

OIL
WELL ☐

GAS
WELL ☐

OTHER

Brine Well

2. Name of Operator

Jim's Water Service of Colorado, Inc.

3. Address of Operator

P.O. Box 848, Artesia, NM 88211-0848

4. Well Location

Unit Letter M : 1987.9 Feet From The FSL Line and 1930.4 Feet From The FEL Line

Section

24

Township

185

Range

28E

NMPM

Eddy

County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐

PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐

CHANGE PLANS ☐

PULL OR ALTER CASING ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐

ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐

PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☒

OTHER: ☐

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

See Attached Report

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE

Mid Ray Clark

TITLE

NM Manager

DATE 7-08-92

TYPE OR PRINT NAME

Mid Ray Clark

TELEPHONE NO. 748-1352

(This space for State Use)

APPROVED BY

Mike Walker

TITLE

SUPERVISOR, DISTRICT II

DATE

JUL 21 1992

CONTINUATIONS OF APPROVAL, IF ANY

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

455
DP

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87508

SEP 28 1992

O. C. D.

WELL API NO.

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

M- 19609

7. Lease Name or Unit Agreement Name

STATE " 24"

8. Well No.

1

9. Pool name or Wildcat

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT"
(FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:

OIL
WELL ☐

GAS
WELL ☐

OTHER

Brine Well

2. Name of Operator

Jim's Water Service of Colo. Inc.

3. Address of Operator

P.O. Box 848 Artesia, NM 88210

4. Well Location

Unit Letter M : 1987.9 Feet From The FSL Line and 1930.4 Feet From The FEL Line

Section 24

Township 185

Range 28E

NMPM

Eddy

County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☒

PLUG AND ABANDON ☐

REMEDIAL WORK ☐

ALTERING CASING ☐

TEMPORARILY ABANDON ☐

CHANGE PLANS ☐

COMMENCE DRILLING OPNS. ☐

PLUG AND ABANDONMENT ☐

PULL OR ALTER CASING ☐

CASING TEST AND CEMENT JOB ☐

OTHER: Repair 2 7/8 Tubing ☐

OTHER: ☐

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Anhydrite stringer has slid, cutting 2 7/8 tubing into. Propose to pull 2 7/8 tubing string, and pick up needed tubing and bit, drill back in to the salt and return well to brine production.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE

Mid Ray Clark

TITLE

N.M. Manager

DATE

9-28-92

TYPE OR PRINT NAME

Mid Ray Clark

TELEPHONE NO. 748-1352

(This space for State Use)

ORIGINAL SIGNED BY

APPROVED BY

Mike Allen Davis

TITLE

DATE

SEP 28 1992

CONDITIONS OF APPROVAL, IF ANY:

SUPPLEMENTAL DISTRICT II

Jim's Water Service of New Mexico

A Division of Jim's Water Service of Colorado, Inc

P. O. Box 848
Artesia, New Mexico 88210
(505) 748-1352
(505) 622-9790

M-19609 State 24 Well 1
Completion Report

Follow up report and results of report C-103 dated 9-28-92.

September 29, Tuesday

Rig up. Attempt to pull tubing. Tubing stuck, pull 30,000 lbs, and work stuck tubing. Rig up pump truck on tubing. Pumped 4 lbs. per minute. Work stuck tubing. Pull 60,000 lbs on tubing. Tubing pulled free. Pulled with 5-10 points drag. Recovered 14 joints plus 8 feet.

Pick up 4 3/4 bit, welded on 2 7/8 EVE collar. Started in hole. Tagged up at 410. Picked up swivel, started drilling anhydrite stringers at 410-418, 520-550. Cleaned out to 610 feet. Circulated hole. Rig down swivel. Lard well at 602 = 19 joints. Restored back to production.

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

OK
DP

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87501

1992

O. C. D.

WELL API NO.

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.
M-19609

7. Lease Name or Unit Agreement Name

State 24

8. Well No.

1

9. Pool name or Wildcat

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT"
(FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:

Oil
WELL ☐

GAS
WELL ☐

OTHER Brine Well

2. Name of Operator

Jim's Water Service of Colorado, Inc

3. Address of Operator

P.O. Box 848, Artesia, N.M. 88211-0848

4. Well Location

Unit Letter M : 1987.9 Feet From The FSL Line and 1930.4 Feet From The FEL Line

Section 24 Township 185 Range 28E NMPM Eddy County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐

PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐

CHANGE PLANS ☐

PULL OR ALTER CASING ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐

ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐

PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☐

OTHER: ☐

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

See Attached Report

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE

Mid Ray Clark

TITLE

NM Manager

DATE

10-1-92

TYPE OR PRINT NAME

Mid Ray Clark

TELEPHONE NO. 748-1352

(This space for State Use)

ORIGINAL SIGNED BY

WILLIAMS

SUPERVISOR, DISTRICT I

APPROVED BY

TITLE

DATE

OCT 7 1992

CONDITIONS OF APPROVAL, IF ANY

Wildcat Measurement

Calibration Certificate

Pressure Recorder

Serial Number: 265-6213

Pressure Range 0-500# p.s.i. accuracy +/- 0.2 % Full Scale _____ p.s.i. _____

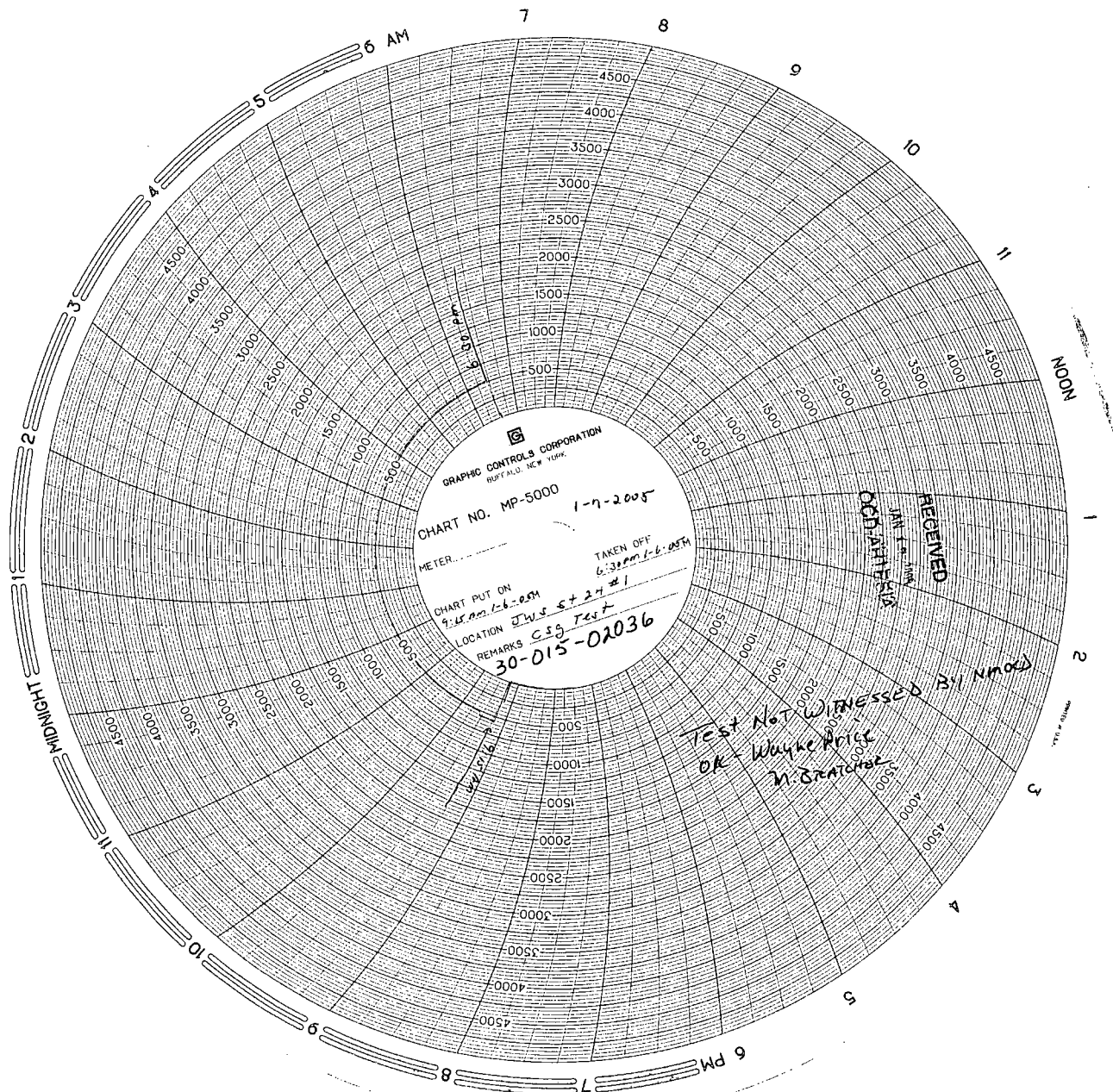
Increasing Pressure			Decreasing Pressure		
Applied Pressure	Indicated Pressure	Difference	Applied Pressure	Indicated Pressure	Difference
0.0#	0.0#	0.0#	400#	400#	0.0#
50#	50#	0.0#	300#	300#	0.0#
150#	150#	0.0#	200#	200#	0.0#
250#	250#	0.0#	100#	100#	0.0#
350#	350#	0.0#	0.0#	0.0#	0.0#
500#	500#	0.0#			

Calibrated By: DCT Gauge _____ Deadweight _____

This Is To Certify That This Recorder Has Been Inspected And Tested.

Remarks _____

Date Of Calibration 03/11/2002 Inspector [Signature]





P.O. BOX 98
LOCO HILLS, NEW MEXICO 88255

RECEIVED
NOV 23 2005
OIL CONSERVATION
DIVISION

Oil Conservation Division
1220 S. St Frances Dr.
Santa Fe, NM 87505

November 22, 2005

Attn: Wayne Price

This is the chart for the MIT on 7" casing, at the Eugenie #1 Brine station I & W, Inc. Carlsbad yard. We ran a 200# chart for 4 hours. There was no bleed off, and this is for you files.

If you have any questions or if you need additional information please contact us at (505)885-6663.

Sincerely,

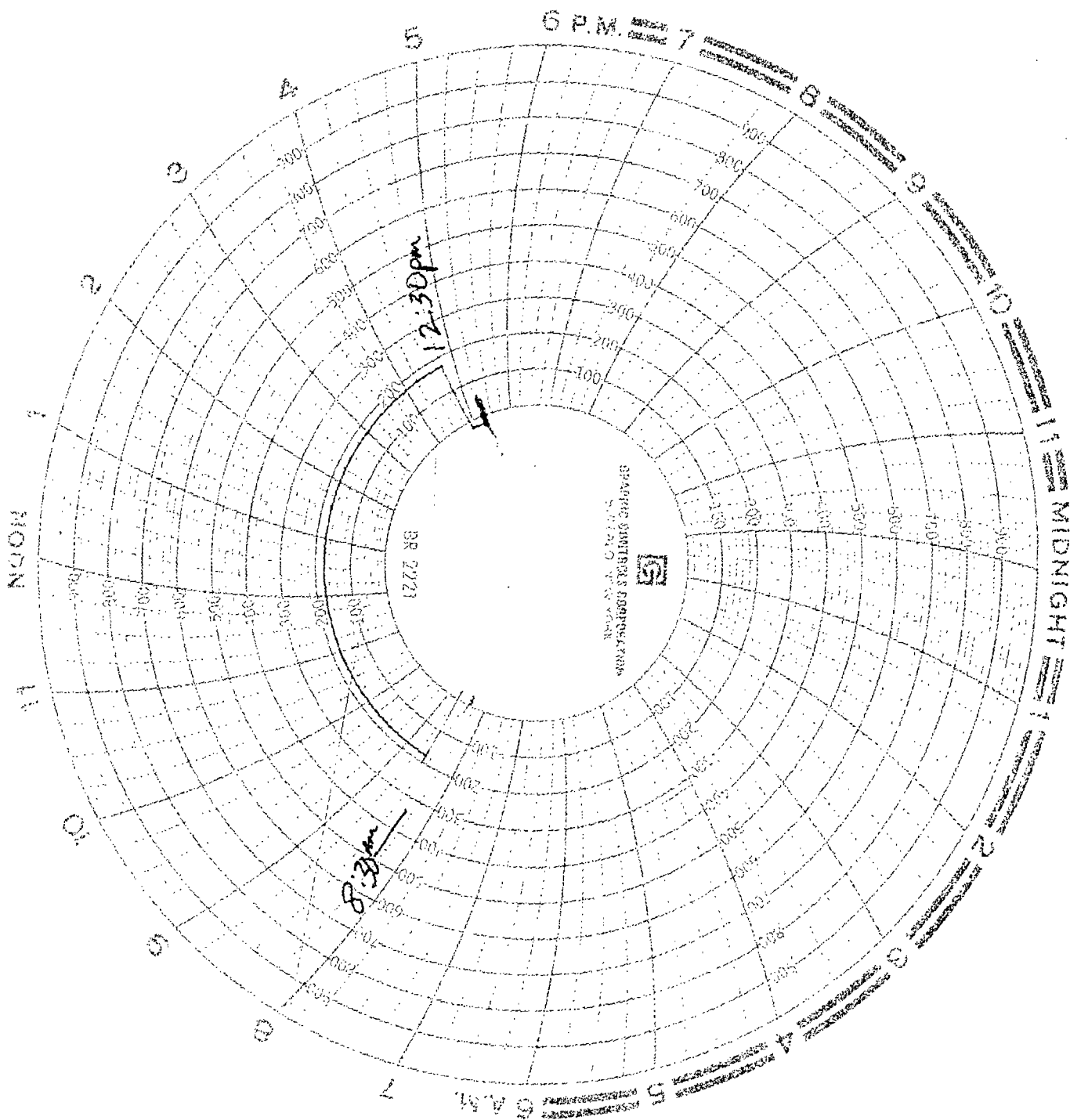
Kevin Wilson
Kevin Wilson
Operations Field Manager

API-30-015-02036

ARTESIA
(505) 746-4214
1 (800) 748-1972

CARLSBAD
(505) 885-6663
1 (800) 858-2739

LOCO HILLS
(505) 677-2111
1 (800) 748-1972



Wildcat Measurement Calibration Certificate Pressure Recorder

Serial Number: 12137Pressure Range 1000# p.s.i. accuracy +/- 0.2% % Full Scale _____ p.s.i.

Increasing Pressure			Decreasing Pressure		
Applied Pressure	Indicated Pressure	Difference	Applied Pressure	Indicated Pressure	Difference
0.0#	0.0#	0.0#	800.0#	800.0#	0.0#
100.0#	100.0#	0.0#	600.0#	600.0#	0.0#
300.0#	300.0#	0.0#	400.0#	400.0#	0.0#
500.0#	500.0#	0.0#	200.0#	200.0#	0.0#
700.0#	700.0#	0.0#	0.0#	0.0#	0.0#
1000.0#	1000.0#	0.0#			

Calibrated By: Crystal Gauge

Deadweight _____

This Is To Certify That This Recorder Has Been Inspected And Tested.

Remarks _____

Date Of Calibration 09-14-2005Inspector CLC



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON

Governor

Joanna Prukop

Cabinet Secretary

Mark E. Fesmire, P.E.

Director

Oil Conservation Division

August 14, 2007

Mr. Sammy Stoneman
Jim's Water Service of New Mexico
P.O. Box 1387
Artesia, New Mexico 88211-1387

AUG 17 2007
OCD-ARTESIA

Re: Jims Water Service, Brine Well Discharge Plan (BW-005)
State 24 Well #1 (API# 30-015-02036)
UL:J 24-18S-28E, Eddy County

Dear Mr. Stoneman:

The New Mexico Oil Conservation Division (OCD), Environmental Bureau (EB) has confirmed that your discharge plan is currently expired and without a permit. This is a violation of your discharge plan permit and is subject to penalties under 20.6.2 NMAC.

Therefore, the EB hereby requests that you submit a discharge plan renewal application with—\$100.00 filing fee (check made payable to the "Water Quality Management Fund") by September 17, 2007. Along with your application, you will need to address the attached 20.6.2.3108 NMAC Public Notice provisions for administrative completeness.

In addition, the OCD is upgrading the minimum bond amount to \$50,000.00 for Class I and III Wells effective January 1, 2008. Our current bond record for your brine well indicates that it will need to be increased to at least \$50,000.00. Our bond record for your well currently indicates the following:

Bond: BO01493; \$5000.00; 4/25/05; US Specialty Insurance Company

Please contact me at (505-476-3491) or E-mail carlj.chavez@state.nm.us if you have questions.
Thank you.

Sincerely,

Mr. Carl J. Chávez

UIC Quality Assurance/Quality Control Officer

xc: OCD District Office