| Submit 3 Copies To Appropriate District | State of New 1 | Mexico | | Form C-103 |
|---|---------------------------------------|-----------------------|---|----------------|
| Office <u>District I</u> | Energy, Minerals and Na | atural Resources | Revised WELL API NO. | March 25, 1999 |
| 1625 N. French Dr., Hobbs, NM 88240 District II | · · · · · · · · · · · · · · · · · · · | | 30-025-3791 | Я |
| 811 South First, Artesia, NM 88210 | OIL CONSERVATIO | | 5. Indicate Type of Lease | |
| District III 1000 Rio Brazos Rd., Aztec, NM 87410 | 1220 South St. F | | STATE D FE | e 🔀 |
| District IV | Santa Fe, NM | 8/505 | 6. State Oil & Gas Lease | No. |
| 1220 S. St. Francis Dr., Santa Fe, NM 87505 | | | | |
| | CES AND REPORTS ON WEL | | 7. Lease Name or Unit Agr | eement Name: |
| (DO NOT USE THIS FORM FOR PROPO DIFFERENT RESERVOIR. USE "APPLIC | CATION FOR PERMIT" (FORM C-101 |) FOR SUCH | Monument | |
| PROPOSALS.) | | | rionument | • |
| 1. Type of Well: Oil Well Gas Well | 🗆 Other 🗳 🗤 🖒 | | 23 | 5738> |
| 2. Name of Operator | | - /242044 | 8. Well No. | |
| Money | ment Disposal | Inc (242044) | | |
| 3. Address of Operator 1314 | Brittany H | oldon N.M | 9. Pool name or Wildcat SWD: San And | |
| 4. Well Location | Istillany ro | ocha (V. P. | JWU, Jan Hho | |
| 4. Well Location | 2582 | | | ٢ |
| Unit Letter H | 2587 feet from the N | line and | 809 feet from the 1 | lineline |
| Section 35 | Tourship 195 | Range 34 C | NMPM 🗲 County | Lon. |
| Section 35 | 10. Elevation (Show whether | DR. RKB. RT. GR. etc | | |
| | | | | |
| | ppropriate Box to Indicate | Nature of Notice, | Report or Other Data | |
| NOTICE OF IN | | | SEQUENT REPORT (| |
| | PLUG AND ABANDON | REMEDIAL WOR | K 15ALIFR | |
| | CHANGE PLANS | COMMENCE DRI | | NIZ |
| · · · · · | | | ABAND | ON MENT |
| PULL OR ALTER CASING | | CASING TEST AI | | 22 |
| | · · · · · · · · · · · · · · · · · · · | | C 13 601.833 | X X |
| OTHER: | | | | N/ |
| 12. Describe proposed or comple |). SEE RULE 1103. For Multipl | le Completions: Attac | h wellbore diagram of propos | completion |
| or recompilation. | | | 18066280 | |
| | • \ | . 701 | 10 | |
| This well we | no presionly 6 | permitter & | sy the | |
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| Environmental | Department : | of the S | tale of N.M. | |
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| | hronological r | const of | well and da | t |
| Allached is | -nrinologicos . | | | - |
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| Therefore and C. that the information | n above is true and complete to t | he hest of my knowled | ge and belief | |
| I hereby certify that the informatio | above is true and complete to t | | בי מות שהובו. | |
| SIGNATURE Calu L | TITL | E Agent | DATE | 2/28/04 |
| | | | + T-1 | 197 |
| Type or print name E | W Dean See | ay or & leaco | | 392. 223 |
| (This space for State use) | , , | PETROLEUM | ENGINEER .ILIN | 072006 |
| APPPROVED BY | TITLE | PETRULEUM | DATE | |
| Conditions of approval, if any: | 15 | | | |



IV. <u>CHRONOLOGICAL REPORT OF DAILY ACTIVITY</u> <u>CILMAX CHEMICAL WASTEWATER DISPOSAL WELL</u>

MONDAY 15 APRIL 1985 (T.D. 367')

Prepared location and rig moved in over the weekend. Cactus Drilling Company Rig No. 63. Rigged up. 40' of conductor hole with Rat and Mouse hole was dug prior to moving in. Spudded at 4:00 p.m. Drilled to 367 in 5 1/4 hours. Circulated and drop survey. Trip out.

KB to ground level 10'.

Mud weight 8.9 ppg, viscosity 34.

Survey 1/2 at 367'

Bit No. 1, Reed Y-11, Retip with 3 12/32 jets. 90 RPM, 35,000 #/bit weight.

Pump 5" x 16" - 64 SPM - 700 psi - 256 GPM - A.V. 25. TUESDAY 16 APRIL 1985 (T.D. 367')

Ran 13 3/8" casing to 312' and casing stopped solid. Lay down casing. Ran bit and reamed 310 to T.D. Reran 13 3/8" casing. Cement 13 3/8" casing at 364' with 350 sacks of Class "C" containing 2% calcium chloride and 1/4#/sack of Flocele. Circulated good. Cement returns of 65 sacks to surface. W.O.C. Cut off casing. Welded Bell nipple. Installed 13 5/8" 900 flange. Nipple up 13 5/8" double BOP series 900.

| Casing | Detail: | 9 jts. 13 | 3/8". 54.5 | * - J-55 ST & C | |
|--------|-----------|------------|------------|------------------------------|------------------|
| | | casing | | | 365.45 |
| | | 1 jts. 13 | 3/8" float | shoe | 2.10 |
| Note: | Baffle f | loat valve | at 323 | Total string Landed depth | 367.55 364.00 |
| Centra | lizers at | 323 and 28 | 32 | Above K.B. | 3.55 |

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WEDNESDAY 17 APRIL 1985 (T.D. 894')

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Finish nippling up Schaffer 12" - 900 double BOP and choke manifold. Tested casing to 1,000 psi for one hour. No loss. Ran 12 1/4" bit drilled. Ran survey at 894'. Replace rotary chain.

Bit No. 2, 12 1/4", Reed Y-11J, Rerun, Jets 11-11-10, 477' -10 hours. 90 RPM 30,000#, pump 220 GPM at 900 psi. Mud 9.2 33. Survey 1/2 at 894.

THURSDAY 18 APRIL 1985 (T.D. 1,725')

Drilling to 1,075' with Bit No. 2. Survey and trip. Drilling 1,725 with Bit No. 3 in 13 1/2 hours. Survey.

Received 67 joints of 9 5/8" 36#, J-55, ST & C casing. Mud weight 10.2 ppg, viscosity 33. Survey 3/4 at 1,025', 3/4 at 1,563'.

Bit No. 2, Reed Y-11J, Jet 11, 11, 11. 367 to 1,075 - 703' in 16 1/2 and 42.9'/hr.

Rotary 800-100, bit wt. 30-40, pump 1,000 psi 285 GPM, AV 54. Bit No. 3, Reed 5-13J, Jet 11,11,11, 450' in 13 1/2 hours. Rotary 70-80, bit weight 30-35, pump 1,000 psi, 285 GPM. BHA 10-7" DC and 10-6 1/2" DC.

FRIDAY 19 APRIL 1985 (T.D. 2,450')

Drilling 1,075' to 2,450' with Bit No. 3 in 17 hours. Surveys and trip.

Surveys. 1° at 2,064, 1 1/4° at 2,450. Mud wt. 10.2, viscosity 32. Bit No. 3, Reed S13J - 3-11 jet, Serial No. NX0595. 1,075 - 2,450, 1,375 - 30 12/ hrs., 45 ft./hr. T4B8. Rotary 70-90, bit wt. 35-40,000, pump 1,200 psi @ 255 GPM. A.V. 54. SATURDAY 20 APRIL 1985 (T.D. 2,550')

Drilling with Bit No. 4 (10 1/2 hours). Repack swivel. Twisted off while drilling at 2,550. Trip out. Left 12 drill collar. Ran overshot and recovered fish. Lay down two drill collars.

1.19

Mud wt. 10.2, viscosity 32.

Bit No. 4, Smith FDT 3-11, Retip. Drill 2,450-2,550.

100' in 10 1/4 hours, 9.7 ft./hr.

Rotary 90 RPM, Bit wt. 40,000, pump 1,350 at 250 GPM.

SUNDAY 21 APRIL 1985 (T.D. 2,810')

Finish trip in hole. Drill 2,550 to 2,810, 260' - 18 1/2 hours. 1 1/2 circulate for log. Raise viscosity to 34. Mixed 50 sack salt gel sweep.

Company time 1 1/2 hours.

Mud wt., 10.2 viscosity 34, Cl 135,000 ppm.

Bit No. 5, Smith F-2, Rerun 2,550 to 2,810.

260' in 18 1/2 hours, 14 ft./hr., Jet 3-11.

Rotary 80 RPM, wt. on bit 45,000, pump 1,350 psi at 250 GPM. MONDAY 22 APRIL 1985 (T.D. 2,810')

Survey and trip out for log. Run Welex dual guard - Micro guard with gammaray and caliper from 2,809 to 360. Ran compensated density. Ran seismogram (bond) 407 to 0. Logging time - 11 1/2 hours. Survey and trip -2 3/4 hours. Run 67 joints of 9 5/8 36 #J-55, ST & C casing to 2,809'. Cemented 9 5/8 casing with 2,050 sx. Howco Lite cement containing 15# salt, 1/4# flocele, and 5# gilsonite/sack. Tail in with 150 sacks of Class "C" plus 2% calcium chloride. Full returns throughout. Used 35% XS over log

caliper. Circulated estimated 400 SX. P.D. at 7:45 p.m. Survey 1 3/4" at 2,810'. See casing detail. Cemented 9 5/8" x 13 3/8 " annulus hrough 1" at 80' with 50 sacks Class "C" + 2% calcium chloride.

9 5/8" Casing Detail:

| 67 jts 9 5/8", 36#, J-55, Steel C casing | 2,809.90 |
|--|----------|
| 1 - 9 5/8" Howco Float Shoe | 2,10 |
| | 2,812.00 |
| Up above KB | 3.00 |
| Landed depth | 2,809.0' |
| Float value at | 2,766.0' |

TUESDAY 23 APRIL 1985 (T.D. 2,810')

Wait on cement. Cut off 13 3/8" casing. Cut off 9 5/8" casing and welded Bell nipple. Nippled up 10 x 12 DSA on10" flange. Reinstalled 12 - BOP. Tested casing and BOP to 1,000 psi for one hour with no loss. Trip in hole. Drilled shoe joint.

WEDNESDAY 24 APRIL 1985 (T.D. 3,446')

Drilled cement and plug in two hours. Drilled 2,810 to 3,446. Ran survey.

Mud 9.8, viscosity 30.

Survey. 1 1/2° at 3,287.

Bit No. 6, 8 3/4" Reed HP53-J, Serial No. N724670.

Made 636' in 21 1/2 hours.

Rotary 70 RPM, bit wt. 35-40,000#, pump press 1,300, Jts. 3-11, 250 GPM.

THURSDAY 25 APRIL 1985 (T.D. 4,076')

Drilled 3,446 to 4,076. Ran survey and repaired chain.

Mud wt. 9.6, viscosity 30.

Survey. 1 1/2° at 3,760.

Bit No. 6, made 1,266 in approximately 42 hours.

70 RPM, 35-40,000#bit wt., pump press 1,300 - 250 GPM. FRIDAY 26 APRIL 1985 (T.D. 4,186')

Drilled to 4,170. Increase viscosity to 33 and lowered water loss to 15cc. Circulate. Ran International Diamond core bit, 8 23/32", on 30' foot core barrel. Cored 4,170 to 4,186. 16' in 4 1/2 hours. Recovered 100%. See Core Lab report Core No. 1.

Survey. 1 1/4° at 4,140.

Mud wt. 9.0, viscosity 34, water loss 13.0.

Bit No. 6, Reed FP53J, 2,810 to 4,170, 1,360 - 45 3/4 hours.

17 broken buttons.

70 RPM, 40,000#, 1,300 psi at 250 GPM.

SATURDAY 27 APRIL 1985 (T.D. 4,498')

Finish lay down core and trip in hole. Crilled to 4,493.

Bit No. 3, International Diamond 8 23/32, 4,170 - 86 - 16' -4 1/2 hours. Rotary 60 RPM, bit wt. 20,000≢, 600 psi at 250 GPM.

Bit No. 8, Reed HPSM, 4,186-4,498, 312 - 19 1/4 hours. 65 RPM, bit wt. 40-45,000#, 1,300 psi at 250 jts. 3-11.

SUNDAY 28 APRIL (T.D. 4,688')

Drilled to 4,677. Circulated out. Raised viscosity to 33. Trip out. Ran core barrel. Cored 4,677 to 4,688. 11' in 4 1/4 hours. Survey. 1° at 4,638.

Mud wt. 8.9, viscosity 32.

Bit No. 8, 4,286-4,677 - 491 in 29 1/4 hours.

Bit No. 7, 4,186, 11' in 4 1/4 hours.

MONDAY 29 APRIL 1985 (T.D. 4,820')

Finish cutting core No. 2, 4,677-4,707. Trip out. 100% recovery. Layed down "washed out" drill collar. Trip in hole. Drill.

Mud wt. 9.2, viscosity 32.

Bit No. 7, Core No. 2, International Diamond 4,677 to 4,707, 30' in 11 hours.

60 RPM, 20,000[#], 600 psi at 250 GPM.

Bit No. 8, Reed HPSM, 604' in 35 1/4 hours.

TUESDAY 30 APRIL 1985 (T.D. 5,000')

Drilled to T.D. at 7:15 a.m. Circulated 1 1/2 hours for log. Lay down drill pipe and collars. Ran Welex Dual guard and Micro guard with TXO and dual spaced neutron compensated density from 4,996 to

2,808. Ran Micro seismograph bond log from 2,808 to surface. WEDNESDAY 1 MAY 1985 (T.D. 5,000')

Finish logging. Ran tubing with tooth type shoe on collar. Tagged T.D. at 5,000'. Spotted 200 SX of 12-20 mesh sand with Howco truck and blender. Sand mixed with 150 barrels of fresh water. Let set four hours and tagged at 4,820. Spotted 200 SX at 4,650. Pulled into casing. Ran wire line. Tagged at 4,700 after four hours and 4,348 after six hours. Ran tubing to 4,340'. THURSDAY 2 MAY 1985

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Circulated out at 4,340 and pulled out of hole. Ran Welex glass bottom bailer to 4,348. Dumped five sacks of calseal in two runs. Fill up to 4,340. Ran 7" and 5 1/2" casing to 4,330'. See casing detail. Washed down with casing 4,330 to 4,353. Ran 2 7/8" innerstring to 4,279. Rigged up stripper head. Tested. Change flange and nipple. Set into innerstring baffle collar. Circulated 100%. Cemented casing as shown in casing detail. Full returns while cementing. Circulated 200 SX of excess lite at cement. Plug down at 8:30 p.m. Trip out laying down tubing.

7" Casing Detail

105 jt. 7" 20# J-55 LT & C 4,122.34 4 jts. 7" 23# J-55 LT & C 157.80 1 7" Howco innerstring baffle collar with insert float 1.25 1 jt. 7" 23# J-55 LT & C 29.40 1 7" collar, 7 x 5 1/2 swage, 5 1/2 collar 1 5 1/2" 0.250" wall Hastelloy tube (4.812 I.D. drift) 1.95 29.40 1 5 1/2" collar and all thread nipple carbon steel 1 5 1/2" float shoe, carbon steel . 80 1.75 Total String 4,354.48 Up above K.B. 3.48 Landed depth 4,351.00

5 1/2 Hastelloy C-276 liner from 4,319 to 4,349

7" Cementing Detail

Circulating through 7" washed out calseal and washed pipe to 4,353. Ran 2 7/8" EUC tubing. String and stabbed into baffle collar. Circulated with 100% return mixed 750 sacks of Howco lite

water 12.7 #/gal. (Returns to surface). Followed by 100 sacks of Class "C" cement (14.8#/gal.) and tailed in with 840 gallons of Howco Epseal 12.5#/gal. Full returns throughout. Calculated top of Epseal at 4,140 with 35% excess over caliper.

FRIDAY 3 MAY 1985

Finish laying down tubing at 1:30 a.m. Company time 2 1/2 hours. Cut off 7-8 a.m. Release rig at 1:30 a.m.

Rig down rig and set out to edge of location.

SATURDAY 4 MAY 1985 (T.D. 5,000')

Moved in DA & S workover unit and rigged up same. Rigged up Homco reverse unit and pump. Picked up 6 1/4" bit with 6 - 3 1/2" drill collars. Picked up 2 7/8 tubing. Ran bit to 4,110.

SUNDAY 5 MAY 1985

Tested casing to 1,000 psi. No loss in 30 minutes. Drilled baffle collar at 4,276. Drill Epseal to 4,316 top of 5 1/2" joint. Trip and pick up 4 3/4" bit. Drilled 4,316 to 4,340 by reverse circulation. Circulated clean.

MONDAY 6 MAY 1985

Rigged up West Engineering pressure recorder. Tested casing from surface to 4,340 with 1,150 psi. Lost five psi in one hour. Drilled Epseal to shoe at 4,351. Washed out sand from 4,351 to 5,000'. No lost circulation.

TUESDAY 7 MAY 1985

Ran bit to total depth. No fill. Layed down drill collars. Ran Welex bond log from 4,350 to surface. Log indicates adequate

bonding in the confining area. Ran 5 1/2" casing scraper and scraped 5 1/2" liner 4,316 to 4,350 (5 times). Ran 7" Guiberson Packer and set at 4,247'.

WEDNESDAY 8 MAY 1985

Rigged up Ellithorpe 1" coil tubing unit and Howco nitrogen. Ran tubing to 4,994. jetting with 400 scfm (minimum rate on unit). Jetted on bottom for seven hours. Making estimated 3 BPH of formation fluid. Caught 12 gallons of samples. Pulled tubing and shut well in.

THURSDAY 9 MAY 1985

Ran swab to 4,200'. Tubing dry. Loaded hole with fresh water. Indicated fluid entry of 3 BPH over night. Performed injection test with rig pump. 100 GPM at 1,250 psi. Trip out.

Received 155 joints of TFP 2,100-L tubing.

FRIDAY 10 MAY 1985

Ran 24 joints tailpipe - 760' of 2 7/3 tubing below packer. Ran tubing to 4,995. Spotted 2,500 gallons of 15% HCl acid in open hole 4,995 to 4,450'. Pulled tubing to 4,400 with packer at 3,640. Pressured up and packer failed. Trip out and change packers. Reran to 3,640 with packer and tail pipe to 4,400. Treated with 10,000 gallons of 15% HCl in 5 stages using rock salt for blocking agent (3,250# total). Average treating 3,200 psi at 10 BPM ISI 1,000 psi. 15 minutes 910 psi. Injection rate on flush 4.2 BPM at 1,340 psi and 10 BPM at 3,310 psi. Shut well at 3:15 p.m.

SATURDAY 11 MAY 1985

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Rigged up West Engineer gage and flowmeter with Homco pump.

Step Rate Test No. 1

| Step | Time | Т.Р | Rate | Cum. Gallons | Shut in Time | psi |
|--------------------------------------|---|--|---|-----------------|---|---|
| 1 2 3 4 5 6 7 8 | 9:00-9:30 9:45 10:00 10:15 10:30 10:45 11:00 11:15 | 1,149 1,188 1,229 1,306 1,386 1,465 1,542 1,619 | 89 100 118 140 162 181 200 215 | 19,423 | 616 626 636 646 656 706 716 | 1,124 1,104 1,085 1,070 1,053 1,037 1,018 |
| | nded Test: 120-1,815 | 1,433 | 160 | 87,540 | | |

SUNDAY 12 MAY 1985

Shut down for Mother's Day.

MONDAY 13 MAY 1985

Ran sinker bar to (fluid at 200) total depth at 5,000'. Ran tubing to 4,995. Reversed out open hole. Recovered gritty water. Washed formation with 2,500 gallons of 25% HCl. Let set 30 minutes. Reversed acid until tubing was full, then pumped back down. Let set 15 minutes. Reversed out 200 gallons of acid. Appeared to be hot acid. Pumped acid into open hole. Pulled tubing to 4,400'. Shut in for the night.

TUESDAY 14 MAY 1985

Ran swab and found fluid at 500'. Swabbed to S.N. at 3,640. Recovering acid water. Swabbed six hours from 3,640 with fluid level at 2,700'. Fluid level then dropped to 3,300 last hour. Recovered est. 608 fluid. Water is acidic. Fine solid increase from trace to 5% in last 2 samples.

WEDNESDAY 15 MAY 1985

Ran swab and found fluid level at 2,000'. Swabbed from 3,700 and recovered spend acid. Pulled swab line apart on second run. Ran tubing to 5,000 and reversed out. Pulled out of hole to swab. Reran packer to 3,640 with tailpipe to 4,400. Rig up West Engineering for Test Step No. 2.

| <u> </u> | Rate, GPM | Cum. Gallons | | |
|---------------|-----------|--------------|--|--|
| 850 | 20.4 | | | |
| 900 | 21.9 | | | |
| 935 | 24.2 | | | |
| 940 | 28.4 | | | |
| 960 | 75.2 | | | |
| 960 | 90 | | | |
| 1,100 | 120 | | | |
| 1,300 | 165 | 14,112 | | |
| Extended Test | : | | | |
| 1,300 | 160 | 44,822 | | |
| • • | • • • • | | | |

Instant and 7 minute shut in 925 psi.

THRUSDAY 16 MAY 1985

Pulled and layed down 2 7/8 tubing. Reracked TFP fiberglass tubing on 4 racks. Drained frac tanks. Moved out rig. Temporarily shut down operations.

