| Subtitit 3 Copies To Appropriate District Office | State of Ne | | Form C-103 | | | | | | |
|---|---|--|--|--------------------------------------|--|--|--|--|--|
| District I 1625 N. French Dr., Hobbs, NM 88240 | Energy, Minerals and | l Natural Resources | May 27, 2004 WELL API NO. | | | | | | |
| <u>District 11</u> 1301 W. Grand Ave., Artesia, NM 88210 | OIL CONSERVATION DIVISION | | 5. Indicate Type of Lease | | | | | | |
| District III 1000 Rio Brazos Rd., Aztec, NM 87410 | 1220 South St | | STATE 🛛 FEE 🗌 | | | | | | |
| <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM | Santa Fe, N | NM 87505 | 6. State Oil & Gas Lease | No. | | | | | |
| 87505 | | | V-7113 | | | | | | |
| SUNDRY NOT | CICES AND REPORTS ON W DSALS TO DRILL OR TO DEEPEN | | 7. Lease Name or Unit A | greement Name | | | | | |
| DIFFERENT RESERVOIR. USE "APPLI PROPOSALS.) | CATION FOR PERMIT" (FORM C- | San Juan State Com | | | | | | | |
| 1. Type of Well: Oil Well | Gas Well 🛛 Other | 8. Well Number 1 | | | | | | | |
| 2. Name of Operator Mack En | ergy Cornoration | 9. OGRID Number 013837 | | | | | | | |
| 3. Address of Operator | Mack Energy Corporation JUN 0 8 2005 | | | I 0. Pool name or Wildcat | | | | | |
| | x 960 Artesia, NM 88211-09 | AISO-ARTESIA | Penasco Draw;Permo Pe | | | | | | |
| 4. Well Location | | | | _ | | | | | |
| Unit Letter P | feet from the | South line and | feet from the | East line | | | | | |
| Section1/ | Township 188 | | NMPM Coun | ty Eddy | | | | | |
| | I 1. Elevation (Show wheth | er Dr., rkb, r1, Gr., etc. 3764' GR | .) | | | | | | |
| Pit or Below-grade Tank Application | or Closure | | | | | | | | |
| Pit typeDepth Groundy | vaterDistance from nearest | t fresh water well Dis | stance from nearest surface wate | :F | | | | | |
| Pit Liner Thickness: mi | l Below-Grade Tank: Volum | e bb1s; Co | onstruction Material | | | | | | |
| 12. Check | Appropriate Box to Indic | ate Nature of Notice, | Report or Other Data | | | | | | |
| NOTICE OF I | NTENTION TO: | l SHE | SEQUENT REPORT | r ∩F· | | | | | |
| PERFORM REMEDIAL WORK | _ | REMEDIAL WOR | | RING CASING | | | | | |
| TEMPORARILY ABANDON | | COMMENCE DR | RILLING OPNS. 🗌 PAND | | | | | | |
| PULL OR ALTER CASING | - MINTER COME | CASING/CEMEN | IT JOB | | | | | | |
| OTHER: | ` Г | OTHER. Spud a | nd cement casings | ⊠ | | | | | |
| 13. Describe proposed or com | pleted operations. (Clearly sta | | | | | | | | |
| | work). SEE RULE 1103. For I | | | | | | | | |
| 05/01/2005 Spud 17 1/2" hole 12 | 2:30 PM. | | | | | | | | |
| 05/02/2005 Drilling 17 1/2" hole | 438', reduce hole to 12 1/4" | and resume drilling. | | | | | | | |
| 05/04/2005 TD 12 1/4" hole @ 1226'. RIH w/28 joints 9 5/8" J-55 36# LT&C set @ 1210', Cemented w/600 sx 35-65-6 Poz, 6# | | | | | | | | | |
| salt, 1/4# CF, tail in w/200 sx Class C, 2% CC, plug down 12:30 PM. 05/05/2005 RIH w/1" tag @ 410", Cemented to surface w/775 sx.WOC 18 hours tested casing to 1800# for 30 minutes, held OK. | | | | | | | | | |
| 05/23/2005 TD 8 3/4" hole @ 61 | | 5 sx.woc 18 nours test | ed casing to 1800# for 30 | minutes, neid OK. | | | | | |
| 05/24/2005 RIH w/139 joints 7" | | ', Cemented w/525 sx 50 |)-50-2, 1% FL 25, 3% FL : | 52, 5% salt, 1/4# | | | | | |
| CF, 1% BA-58, plug down 1:30 A | AM. WOC 12 hours tested ca | | utes, held OK. | | | | | | |
| · · · · · · · · · · · · · · · · · · · | | A region of the A | r grande in the construction of the constructi | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | $\sum_{i=1}^{N} \frac{1}{i} \left(\Phi_{i,k} \right) = \left(\frac{1}{i} \right)^{N}$ | | | | | | | | |
| I hereby certify that the information | above is true and complete to | the best of my knowledge | and belief. I further certify t | hat any pit or below- | | | | | |
| grade tank has been/will be-constructed (| r closed according to NMOCD guid | delines 🔲, a general permit 🗆 |] or an (attached) alternative O(| CD-approved plan 🔲 | | | | | |
| SIGNATURE Jeny W | . Shenal III | TLE Production Clerk | | E 6/3/2005 | | | | | |
| Type or print name Jerry W. Sherr | rell p | il address:jerrys@macke | | | | | | | |
| For State Use Only | E-ma | in address: Jerryswinacke | Telephoi | ne No. (505)748-1288 JUN 1 3 2005 | | | | | |
| · · · · · · · · · · · · · · · · · · · | RECORDS ONLY TIT | | | TO COOL | | | | | |
| APPROVED BY: Conditions of Approval (if any): | TIN | rle | DAT | E | | | | | |
| conditions of Approval (it ally): | | | | | | | | | |

RECEIVED JUN 1 7 2005 OCD-AFITESIA

**** CHART SCANNER WELL TEST DATA ****

COMPANY:

MACK ENERGY CORP.

CLIENT:

LONNIE ARCHER

GAUGE NUMBER:

576

WELL NAME:

SAN JUAN STATE COM

WELL NUMBER:

#1

TEST NUMBER:

1

LOCATION:

TEST OPERATOR:

COMMENTS:

J GUAJARDO/KELTIC SERVICES

TOP OF CEMENT AT 300 FT

DATE OF TEST 5-4-2005

DATE: 05/04/05

GAUGE S/N: 576

| DELTA TIME HRS | TEMPERATURE Deg F | DEPTH FEET | FLOW RATE BBLS/DAY | • | | COMMENTS |
|-------------------|--|--|---|--|--|---|
| 0.071 | 62.32 | 0.00 |) Alfrid 1984 class class class class Mills Mills place (400- 400) class | | * **** **** ** | |
| 0.116 | 63.87 | 100.00 | | | | |
| 0.156 | 64.36 | 200.00 | | | | |
| 0.192 | 64.45 | 300.00 | | TOP | OF | CEMENT |
| 0.221 | 65.96 | 400.00 | | | | |
| 0.257 | 69.67 | 500.00 | | | | |
| 0.288 | 74.69 | 600.00 | | | | |
| 0.334 | 77.20 | 700.00 | | | | |
| 0.370 | 75.61 | 800.00 | | | | |
| 0.408 | 76.84 | 900.00 | | | | |
| 0.444 | 77.36 | 1000.00 | | | | |
| 0.474 | 79.00 | 1100.00 | | | | |
| 0.493 | 82.14 | 1166.00 | | TAG | TD | |
| | HRS 0.071 0.116 0.156 0.192 0.221 0.257 0.288 0.334 0.370 0.408 0.444 0.474 | HRS Deg F 0.071 62.32 0.116 63.87 0.156 64.36 0.192 64.45 0.221 65.96 0.257 69.67 0.288 74.69 0.334 77.20 0.370 75.61 0.408 76.84 0.444 77.36 0.474 79.00 | HRS Deg F FEET 0.071 62.32 0.00 0.116 63.87 100.00 0.156 64.36 200.00 0.192 64.45 300.00 0.221 65.96 400.00 0.257 69.67 500.00 0.288 74.69 600.00 0.334 77.20 700.00 0.370 75.61 800.00 0.408 76.84 900.00 0.444 77.36 1000.00 0.474 79.00 1100.00 | HRS Deg F FEET BBLS/DAY 0.071 62.32 0.00 0.116 63.87 100.00 0.156 64.36 200.00 0.192 64.45 300.00 0.221 65.96 400.00 0.257 69.67 500.00 0.288 74.69 600.00 0.334 77.20 700.00 0.370 75.61 800.00 0.408 76.84 900.00 0.444 77.36 1000.00 0.474 79.00 1100.00 | HRS Deg F FEET BBLS/DAY 0.071 62.32 0.00 0.116 63.87 100.00 0.156 64.36 200.00 0.192 64.45 300.00 TOP 0.221 65.96 400.00 0.257 69.67 500.00 0.288 74.69 600.00 0.334 77.20 700.00 0.370 75.61 800.00 0.408 76.84 900.00 0.444 77.36 1000.00 0.474 79.00 1100.00 | HRS Deg F FEET BBLS/DAY 0.071 62.32 0.00 0.116 63.87 100.00 0.156 64.36 200.00 0.192 64.45 300.00 TOP OF 0.221 65.96 400.00 0.257 69.67 500.00 0.288 74.69 600.00 0.334 77.20 700.00 0.370 75.61 800.00 0.408 76.84 900.00 0.444 77.36 1000.00 0.474 79.00 1100.00 |

