| STATE OF N | EW MEXIC | 0 | | | | | 1 | | |
|--|---|-----------------------|--------------------|------------|------------------|--------------------------|---|--------------------|--|
| ENERGY AND MINER | ALS DEPAR | TMENT | U CONSE | PVA | TION DIV | USION | / | | |
| OIL CONSERVA | | | | | / Form C-103 | | | Form C-103 | |
| OISTRIBUTION CONTRACT NEW MENICO 97501 | | | | | | 7501 | 1 | KEAIZED IN-1-10 | |
| SANTA FE | | | 3ANTA 1 E, | , | | | Sa. Indicate Type of | Lease | |
| U.S.G.S. | | +-1 | | | | | Sate X | Fee 🔲 | |
| LAND OFFICE | | | | | • | | 5. State Oil & Gas L | ease No. | |
| OPERATOR | | لـــــ | | $-\pi$ | ROP | _ | LG3748 | • | |
| | | | ALIO DEDOR | TSAN | WET ILE | Mean | | | |
| (DO NOT USE | SU THIS FORM FO | NDRY NOTICES | AND REPUR | | ACN TO A DIFFER | [| (11111111111111111111111111111111111111 | | |
| | USE "APP | LICATION FOR PERMIT | Las (FORE Cartor) | | AUG 1819 | 101 | 7. Unit Agreement N | cme | |
| 1. ************************************ | EAS E | OTHER- | | | -41018 | 187 | | | |
| 2. Name of Operator | | | | - Oi | L COM | Du. | 8. Farm or Lease is | ıme | |
| BCO, INC | С. | | | | DIST | UIV. | State H | | |
| 3. Address of Operator | | | | | | . .# | g. Well No. | · · | |
| 135 Gran | nt. Sant | 1 - | or Wildow | | | | | | |
| 4. Location of Well | , | | | | | 2000 | Indesignated | Graneros | |
| | В | 800 | T FROM THE | North | LINE AND | 2200 FEET PROM | 6M to 7M/Lyb | LOOK CATTON | |
| URIT LETTER | | | | | | 711 | | | |
| Eas | t | 2 SECTION | TOWRSHIP_ | 23N | RANGE | 7W xmpm | | | |
| THE | | | | | DC BT CB | - 1 | 12. County | 4444 | |
| HHIIII | MITT | 15. | Elevation (Show | | | c. <i>)</i> | Rio Arriba | | |
| | | | | 50 GR | | | | 711711111 | |
| 16. | Ch | eck Appropriate | Box To Ind | icate N | lature of No | tice, Report or Ot | her Data | | |
| | NOTICE | OF INTENTION | ro: | | | SUBSEQUEN | T REPORT OF: | | |
| | | | | | | | ALTERIN | DHIEAD 2 | |
| PERFORM REMEDIAL | M OR K | | PLUG AND ABAN | 00M | REMEDIAL WOR | | | A BA 40 OHMENT | |
| TEMPORARILY ASANDI | ON | | | | COMMENCE DA | IND CEMENT JOS X | | _ | |
| PULL OR ALTER CAST | ue | - | CHANGE PLANS | لبا | 1 | THE CEMEN 1400 TV | | | |
| | | | | | OTHER | | | | |
| OTHER | | | | <u></u> | | | | | |
| In Committee Propos | ed or Compl | eted Operations (Clea | urly state all per | tinent des | ails, and give p | ertinent dates, includin | g estimated date of st | ining any proposed | |
| work) SEE RUL | E 1103. | | | | • | | 4.5 | | |
| | | 1007 Duil' | 164 7-7/8" | hole | to 6501'. | Bits were ru | n as follows: | • | |
| July 25-Au | gust 1, | 1987 Drii. | led /-//o | HOIC | Rotation | | | | |
| " | m | Date Out | Footage | | Hours | Feet Drilled | Avg. per Hou | <u>r Deviation</u> | |
| Bit # | Type | Date out | Tootage | | | | | a.0 St | |
| 1 | нтс | 7/24 | 231' | | 3 | 231' | 77 | 1° | |
| 1 | | | | | 14-1/2 | 1718 ' | 118 | 1-1/4° | |
| 2 | X3A | 7/25 | 1949' | | 14 1/2 | 1, 10 | | | |
| | | 7/28 | 3598 ¹ | | 29-3/4 | 1649' | 63 | 1° | |
| 3 | FP52 | 1/20 | 3370 | | | | • | 440 | |
| | TIDE 2 | 7/28 | 3888 ^t | | 9-1/4 | 290 ' | 31 | 1-1/4° | |
| 4 | HP52 | 1120 | 2000 | | • | | _ | 3.0 | |
| 5 | HP52 | 8/1 | 6501 ' | | 84-1/4 | 2613' | 31 | 1° | |
| 5 | 111 72 | | | | | . – | 37 · 7 · | Cohlumboroom | |
| August 1 | 1987 | Ran Inductio | n SFL-GR I | og an | d Formatio | n Density-Comp | . Neutron Log | . Schlumberger | |
| august 1 | August 1, 1987 Ran Induction SFL-GR Log and Formation Density-Comp. Neutron Log. Schlumberge will mail a copy of each log to the OCD. | | | | | | | | |
| | | | | | | | | | |
| Advised the answering machine of the OCD that would | | | | | | | tage cement i | ob was run. | |
| this well. Ran 6498' of 11.6#N80 4½" casing. Two-stage cement job was rule. Thereby certify that the information above is true and complete to the best of my knowledge and belief. (Continued | | | | | | | | | |
| 18. I hereby certify | that the inf | ormation above is tru | and complete to | o the bes | t of my knowleds | ge and belief. | | Continued) | |
| crian au l' | | | | | | | 91,187 | | |
| Eusabeth 15. Keeshan | | | | | Vice President | | | | |
| Blento | | | | | | | n i : | C 1 0 4007 | |
| Origina | 1 Signed by | FRANK T. CHAVEZ | | | Ş ₩î | ERVISOR DISTRICT # 3 | | G 1 8 1 987 | |
| Ougure | 3/ | | | 71716 | | | DATE | | |

3 OCD Aztec, 1 HLB, 1 DS, 1 GSC, 1 HRB, 1 RR, 1 File = 9

August 1, 1987 (continued)

Stage One: T.D. to 4661'. Ran 10 bbls mud flush. Mixed 403 sacks Class H cement with 2% CaCl, 8 lbs salt per sack ½ lb flocele per sack, 6½ lbs gilsonite per sack (about 99 bbls slurry). Mixed at 15.1 lbs per gallon with a yield of 1.37 cubic feet per sack or 552 cubic feet. Cement was not designed to circulate above DV tool. It did not circulate above DV tool. Top of cement will be reported on a subsequent notice when we log cement. The plug was pumped at 7:48 p.m. Total displacement was 100 bbls. Opened stage tool at 8:20 p.m.

August 2, 1987

Stage Two: 4661' to surface. Waited four hours for Stage One to set. Pumped 10 bbls of water, 20 bbls of FloCheck, 5 bbls of water. Mixed 1200 sacks of 65/35 poz Class H cement mixed with 3% gel, 12½ 1bs gilsonite per sack, 5.6# salt per sack, 8.2# Calseal per sack. Mixed at 13 1bs per gallon with a yield of 1.78 cubic feet per sack or 2136 cubic feet (about 380 bbls slurry). Cement was designed to circulate. Circulated 40 bbls of slurry. Plug was down at 1:24 a.m.

Drilling rig rigged down. Intend to complete well in August or September.