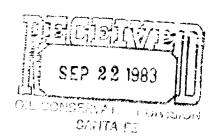
## HIXON DEVELOPMENT COMPANY

## P. O. BOX 2810 FARMINGTON, NEW MEXICO 87499



September 15, 1983

Oil Conservation Division P.O. Box 2088 Santa Fe, New Mexico 87501

Subject: CBU No. 78, SE/4 SW/4, Section 6, T25N, R12W

### Gentlemen:

Attached for your approval is our Application for Authorization to Inject for the subject well.

Very truly yours,

Hixon Development Company

Aldrich L. Kuchera

Executive Vice President

ALK: cb

Attachments

cc: Mr. Frank Chavez

Oil Conservation Division 1000 Rio Brazos Road

Aztec, New Mexico 87410

#### HIXON DEVELOPMENT COMPANY

P. O. BOX 2810 FARMINGTON, NEW MEXICO 87499

September 15, 1983

SEP 22 1983

OIL CONSERVATION DIVISION SANTA FE

Bureau of Indian Affairs Navajo Area Office Minerals Department Box 146 Window Rock, Arizona 86515

Subject: CBU Well No. 78, SE/4 SW/4, Section 6, T25N, R12W

#### Gentlemen:

Attached is our Application for Authorization to Inject for the subject well. We are required by the Oil Conservation Division to furnish copies of these applications to the surface owners.

terstiern

Very truly yours,

Hixon Development Company

Aldrich L. Kuchera

Executive Vice President

ALK:cb

Attachments

Certified Mail No. 933722

#### \$季度是它也是**19**44 BANTA FE NEW MEXILD 8/501 KEP 22 1903 APPLICATION FOR AUTHORIZATION TO INJECT Diracal Pressure Maintenance Secondary Recovery Storage Purpose: Application qualifies for administrative approval? X yes Operator: Hixon Development Company II. P.O. Box 2810, Farmington, New Mexico 87499 Phone: (505) 325-6984 Contact party: Aldrich L. Kuchera Well data: Complete the data required on the reverse side of this form for each well III. proposed for injection. Additional sheets may be attached if necessary. x yes Is this an expansion of an existing project? IV. If yes, give the Division order number authorizing the project R-1636-A Attach a map that identifies all wells and leases within two miles of any proposed ٧. injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review. Attach a tabulation of data on all wells of public record within the area of review which VI. penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail. VII. Attach data on the proposed operation, including: Proposed average and maximum daily rate and volume of fluids to be injected; 2. Whether the system is open or closed; Proposed average and maximum injection pressure; Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.). \*VIII. Attach appropriate geological data on the injection zone including appropriate lithologic detail, geological name, thicknass, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such source known to be immediately underlying the injection interval. IX. Describe the proposed stimulation program, if any. Attach appropriate logging and test data on the well. (If well logs have been filed Х. with the Division they need not be resubmitted.) Attach a chemical analysis of fresh water from two or more fresh water wells (if XI. available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken. Applicants for disposal wells must make an affirmative statement that they have XII. examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground source of drinking water. XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form. XIV. Certification I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief. \_ Title Petroléum Engineer Name: Aldfich L. Kuchera Date: September 15, 1983

If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be duplicated and resubmitted. Please show the date and circumstance

Signature:

of the earlier submittal.

#### III. WELL DATA

- A. The following well data must be submitted for each injection well covered by this application. The data must be both in tabular and schematic form and shall include:
  - (1) Lease name; Well No.; location by Section, Township, and Range; and footage location within the section.
  - (2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.
  - (3) A description of the tubing to be used including its size, lining material, and setting depth.
  - (4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used.

Division District offices have supplies of Well Data Sheets which may be used or which may be used as models for this purpose. Applicants for several identical wells may submit a "typical data sheet" rather than submitting the data for each well.

- B. The following must be submitted for each injection well covered by this application. All items must be addressed for the initial well. Responses for additional wells need be shown only when different. Information shown on schematics need not be repeated.
  - (1) The name of the injection formation and, if applicable, the field or pool name.
  - (2) The injection interval and whether it is perforated or open-hole.
  - (3) State if the well was drilled for injection or, if not, the original purpose of the well.
  - (4) Give the depths of any other perforated intervals and detail on the sacks of cement or bridge plugs used to seal off such perforations.
  - (5) Give the depth to and name of the next higher and next lower oil or gas zone in the area of the well, if any.

#### XIV. PROOF OF NOTICE

All applicants must furnish proof that a copy of the application has been furnished, by certified or registered mail, to the owner of the surface of the land on which the well is to be located and to each leasehold operator within one-half mile of the well location.

Where an application is subject to administrative approval, a proof of publication must be submitted. Such proof shall consist of a copy of the legal advertisement which was published in the county in which the well is located. The contents of such advertisement must include:

- (1) The name, address, phone number, and contact party for the applicant;
- (2) the intended purpose of the injection well; with the exact location of single wells or the section, township, and range location of multiple wells:
- (3) the formation name and depth with expected maximum injection rates and pressures; and
- (4) a notation that interested parties must file objections or requests for hearing with the Oil-Conservation Division, P. O. Box 2088, Santa Fe, New Mexico 87501 within 15 days.

NO ACTION WILL BE TAKEN ON THE APPLICATION UNTIL PROPER PROOF OF NOTICE HAS BEEN SUBMITTED.

NOTICE: Surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date this application was mailed to them.

# HIXON DEVELOPMENT COMPANY APPLICATION FOR AUTHORIZATION TO INJECT FORM C-108 SUPPLEMENTAL INFORMATION

CBU WELL NO. 78
SE/4 SW/4, SECTION 6, T25N, R12W
SAN JUAN COUNTY, NEW MEXICO, NMPM

- I. Shown on application.
- II. Shown on application.
- III. Tubular and Schematic Wellbore data are attached.
- IV. This well is located in a Federal and State approved waterflood project operational since 1959.
- V. Area of review is shown on attached map.
- VI. Information for well's located in the area of review are attached as follows:

CBU Well No. 7

CBU Well No. 77

Federal "C" No. 4

Federal "C" No. 7

CBU Well No. 55

CBU Well No. 6

CBU Well No. WI-3

CBU Well No. 20

CBU Well No. 75

CBU Well No. 19

CBU Well No. 64

- VII. 1. Proposed average injection rate is 600 BWPD, expected maximum injection rate is 1200 BWPD.
  - 2. The injection system will be closed.
  - 3. Average injection pressures are expected to be in the 840-965 psi range. Maximum injection pressure will be 965 psi.
  - 4. Refer to the attached water analysis report. Since the formation water to be encountered is primarily previously injected water no problems are expected in mixing the two waters.
  - 5. This well is part of an extensive waterflood project active in the Central Bisti Unit since 1959. All produced water is re-injected into the oil productive Lower Gallup sand to maintain pressure. Injection into the Lower Gallup sand is for waterflooding not disposal.

CBU Well No. 78 Application for Authorization to Inject Page 2

- VIII. The injection zone is the upper bench of the Lower Gallup sandstone. This zone is shown to be 16' in thickness with a top of 4840' KBE as shown on SP log previously submitted. No known sources of underground drinking water exist in this area. Water well drilling in the area has shown the Ojo Alamo to be dry.
- IX. The well will be acidized if required to maintain injection rate and pressure.
- X. Logs were previously submitted.
- XI. No known sources of drinking water exist in this area.
- XII. This well is part of the existing approved waterflood operation for the Central Bisti Lower Gallup Sand Unit. It is not a disposal well.
- XIII. Proof of Notification attached.
- XIV. Certification shown on application.

| WELL NAME  |  |
|--|--|
|  | SECTION T R  |
| CUERENT STATUS:  |  |
|  | GLE6238'   |
|  | RBM  |
|  | DF   |
|  |  |
| SURFACE CASING   |  |
| Hole size: 12 1/4"   |  |
| Casing: 8 5/8" 24# K-55 8RD  Casing set @ 215.79' with 200 sacks |  |
|  | WELL HISTORY   |
|  | Spud date: _4/12/82  |
| FORMATION TOPS   | Original owner: Hixon Develorment  |
| Fruitiand  | IP 5/82 BOPD 14 BWPD 96  |
| Pictured Cliffs 1199'  | GOR  Completion treatment: 54,967 gal 2%   |
| Lewis 1348'  | slick water & 50,000# 20-40 sand   |
| Cliffhouse   | CURRENT DATA   |
| Menefee 2603' Point Lookout 3651'                                | A CONTRACTOR OF THE PARTY OF TH |
| Mancos 38331   | Pumping Unit   |
| Upper Gallup 4741'   | Pump size  |
| Lower Gallup 4829'   | Rod string   |
|  | Remarks  |
| CEMENT TOP   |  |
| Ker will be suggested at 4730.                                   |  |
|  |  |
| PERFORATIONS 4840-56'  |  |
|  |  |
| INjection interval   |  |
| 3 24   |  |
| PBD5067'   |  |
| 100  |  |
|  |  |
| PRODUCTION CASING  |  |
| Hole size: 7 7/8"  |  |
| Casing: 4 1/2" 10.5# K-55  |  |
| Casing set @ 5110' with 525 sacks TD 5                           | 115' san Juan repro Form 100-13  |

PHONE 327-4966

Dote June 10, 1977

|   |  |   |                                     | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ |
|---|--|---|-------------------------------------|--|
| Report to                                       | Hixon Development Co   | omp <b>any</b>  |                                     |  |
|   | A. Kuchera, Mgr.   | Sampled byH   | lixon Personne                      | 1                                      |
|   | CBU #5   |   |                                     |  |
| Source of Material                              | lower Gallup Produce   | d Water   |                                     |  |
| <br>Lab No                                      | 24509 Water Analysi  | s for Petroleum Eng                                     | Ineering                            |  |
|   | TE   | ST RESULTS  |                                     |  |
| pH<br>Resistivitv                               | WATER AM<br>2263 ppm<br>7.25<br>2.94 ohms/meter @70°F<br>0 micromhos/cm @ 70°F | Magnesium<br>Iron                                       | Meg/L<br>29.3<br>2.3<br>0.5<br>neg. | ppm<br>674<br>45<br>6<br>3             |
| iomments Issentially this is a ulfate solution. |  | Anions Chloride Bicarbonate Carbonate Hydroxide Sulfate | 4.1<br>4.0<br>0<br>0<br>24.0        | 145<br>244<br>0<br>0<br>1150           |

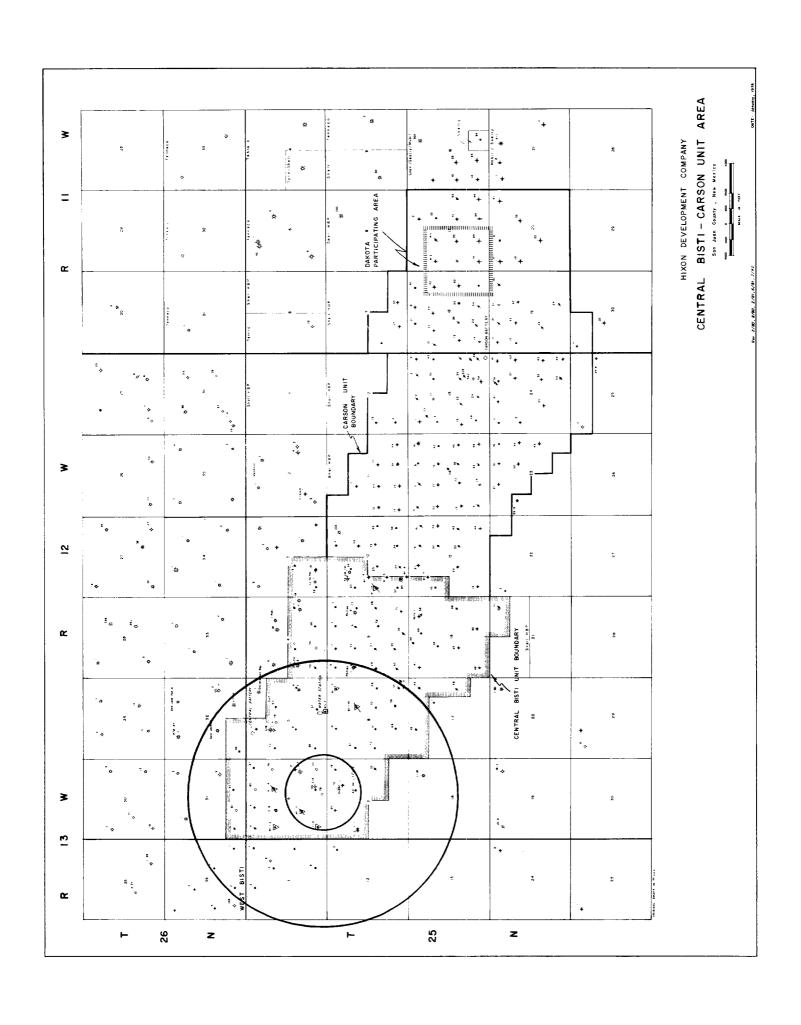
P.O. Box 2810

Farmington, New Mexico 87401

2209**6** 

Certified by:





| WELL NAME CH. WELL M. DIF.   |  |
|--|--|
| LOCATION 660' FSL, 660' FWL  | SECTION6 T R R   |
| CURRENT STATUS: Injection  |  |
|  | GLE 6230'  |
|  | RBM  |
|  |  |
| SURFACE CASING  Hole size: 12-1/4"  Casing: 8-5/8" 24# 8rd  Casing set @ 194' w/ 175 sx   FORMATION TOPS  Fruitland  Pictured Cliffs | WELL HISTORY  Spud date: 5-10-56  Original owner: Sunray Mid Continent  IP 666 BOPD BWPD  GOR  Completion treatment: Fraced with 3-25,000 gal oil & 25,000# 20-40 sand. Jobs separated by 450# Howco TIe 45 compoun CURRENT DATA  Pumping Unit Tubing 2-3/8"  Pump size Rod string Remarks July 11-13, 1977 - Model D packer was set at 4800' (LW). 5-3-65 Confined water injection to upper bench of Lower Gallup sand. Perfs 4842'-52' open.  Packer set at 4694'. |
| 4842'-52' (4 SPF) PBD  |  |
| PRODUCTION CASING  Hole size: _7-7/8"  Casing: _5-1/2" 14# 8rd  Casing: _5-1/2" 14# 8rd  TD 500                                      | nı   |
| Casing set @ 4999' w/ 200 sx TD 500  | JI san juan repro Form 100-13  |

san juan repro Form 100-14

| WELL NAME         | CBU No. 6         |          |                                    |              |
|-------------------|-------------------|----------|------------------------------------|--------------|
|                   |                   |          | 6 T 25N R 12W                      |              |
|                   |                   |          |                                    |              |
| CURRENT STA       | TUS: Well pumping |          |                                    |              |
|                   |                   |          | GLE                                |              |
|                   | 1                 |          | RBM                                |              |
|                   |                   |          | K DįM                              |              |
|                   |                   |          | DF                                 |              |
|                   | }                 |          |                                    |              |
|                   |                   |          |                                    |              |
| SURFACE CASING    | -                 |          |                                    |              |
| Hale size:12-3    | 1/2" (195')       |          |                                    |              |
| Casing: 8-5/8" 2  | 24# J-55          |          |                                    |              |
| Casing set @ 192  | 'w/ 175 sx        |          |                                    |              |
|                   |                   |          | WELL HISTORY                       |              |
|                   |                   |          | Spud date: 6/25/56                 |              |
| FORMATION TOP     | <u>s</u>          |          | Original owner: Sunray Mid-Contine | nt           |
| Fruitland         |                   |          | IP BOPD 432 BWPD                   |              |
| Pictured Cliffs   | 1135'             |          | GOR                                |              |
| Lewis             |                   |          | Completion treatment:              |              |
| Cliffhouse        |                   |          |                                    |              |
|                   |                   |          | CURRENT DATA                       |              |
| Point Lookout     | 36321             |          | Pumping Unit                       |              |
|                   | 3834'             |          | Tubing <u>2-3/8"</u>               |              |
| Upper Gallup      |                   |          | Pump size                          |              |
| Lower Gallup      | 4010              |          | Rod string                         |              |
| CEMENT TOP        |                   |          | Remarks                            |              |
| CEMENT TOP        |                   |          |                                    | —            |
|                   |                   |          |                                    |              |
| PERFORATIONS      | 4824'-40'         |          |                                    |              |
|                   | 4890'-98'         |          |                                    |              |
|                   | 4904'-12'         |          |                                    |              |
|                   | 6 SPF             |          |                                    |              |
|                   |                   |          |                                    |              |
|                   | PBD 4950'         |          |                                    |              |
|                   |                   |          |                                    |              |
| PROPULETION CA    | CINC              |          |                                    |              |
| PRODUCTION CA     |                   |          |                                    | <del>-</del> |
| Hole size:        |                   |          |                                    |              |
| Casing: $5-1/2$ " |                   | 5000'    |                                    |              |
| Casing set @ 5000 | J W/ 200 SX [[    | <u> </u> | san juan repro Form 100            | -13          |

| WELL JAME   |   |
|---|---|
| LOCATION 1950' FSL, 660' FEL                                    | SECTION T R R   |
| CURRENT STATUS: Plugged and Abandoned                           |   |
|   | GLE   |
| [ ]   | RBM   |
|   | DF  |
| SURFACE CASING  Hole size: 12-1/4"  Casing: 8-5/8" 24# J-55 8rd |   |
| Casing set @ 186' w/ 175 sx                                     |   |
|   | WELL HISTORY  |
| FORMATION TOPS  | Spud date: 6/19/56 Original owner: Sunray Mid-Continent |
| Fruitland   | IPBOPDBWPD  |
| Pictured Cliffs   | GOR   |
| Lewis   | Completion treatment: 35,000# & 35,000                  |
| Cliffhouse  | gallons crude   |
| Menefee   | CURRENT DATA  |
| Point Lookout 3631'   | Pumping Unit  |
| Mancos 3840' Upper Gallup 4687'                                 | Tubing  Pump size                                       |
| Lower Gallup 4795'  | Rod string  |
|   | Remarks   |
| CEMENT TOP  | Plugged and Abandoned                                   |
|   |   |
| DEDECTATIONS  |   |
| PERFORATIONS 4812'-4828'  |   |
| <u>4878'-4884'</u><br><u>4892'-4898'</u>                        |   |
| 4892 -4696  |   |
|   |   |
| PBD   |   |
|   |   |
| PRODUCTION CASING   |   |
| Hole size: 7-7/8"   |   |
| Casing: $5-1/2''$ 14# J-55 8rd                                  |   |
| Casing set @ 4993' w/ 200 sx TD 49                              | 995' san juan repro Form 100-13                         |

| WELL NAME Federal "C" No. 7         |                                   |
|-------------------------------------|-----------------------------------|
|                                     |                                   |
|                                     | STATE New Mexico                  |
|                                     | GLE 6190'                         |
|                                     |                                   |
|                                     |                                   |
|                                     | DF                                |
|                                     |                                   |
| SURFACE CASING                      |                                   |
| Hole size: 9-7/8"                   |                                   |
| Casing: _ 7'' 20#                   | _                                 |
| Casing set @ <u>89.81' w/ 65 sx</u> |                                   |
|                                     | WELL HISTORY                      |
|                                     | Spud date:1/7/82                  |
| FORMATION TOPS                      | Original owner:                   |
| 1221                                | BOPD BWPD<br>GORMCF               |
| Kirtland 122' Farmington 325'       |                                   |
| Fruitland 630'                      | Completion treatment.             |
| Trattiana                           | CHODENT DATA                      |
|                                     |                                   |
|                                     | Tubing                            |
|                                     | Pump size                         |
|                                     | Rod string                        |
|                                     | Remarks P & A                     |
| CEMENT TOP surface                  |                                   |
|                                     |                                   |
| DEDECRATIONS                        |                                   |
| PERFORATIONS none                   |                                   |
|                                     |                                   |
|                                     |                                   |
|                                     |                                   |
| PBD                                 |                                   |
|                                     |                                   |
|                                     |                                   |
| PRODUCTION CASING                   |                                   |
| Hole size:none                      |                                   |
| Casing:                             |                                   |
| Casing set @                        | TD 879 san juan repro Form 100-13 |

| WELL NAME _  | CBU WELL NO. 19   |                   |  |
|--|---|-------------------|--|
|  |   | SECTION           | 7 T 25N R 12N  |
| CURRENT STA  | TUS: Pumping  |                   |  |
|  |   |                   | GLE 6218'  |
|  |   |                   | DF6238'  |
| SURFACE CASING Hole size: 12-1/ Casing: 8-5/8" Casing set @ 19 | /4"<br>24# 8rd  |                   | <u>WELL HISTORY</u><br>Spud date: <u>7-2-56</u>  |
| Pictured Cliffs  | 1177'   |                   | Original owner: Sunray Mid-Continent  IP 421 BOPD BWPD  GOR  Completion treatment:  CURRENT DATA |
| Point Lookout<br>Mancos<br>Upper Gallup<br>Lower Gallup        | 3793'   |                   |  |
| CEMENT TOP   |   | SN @ 4705' Tail @ | R-1 (=25')   |
| PERFORATIONS   | 4804'-18', 4833'-40',<br>4852'-58', 4871'-77',<br>4886'-95' | 4736'             |  |
|  | PBD   |                   |  |
| PRODUCTION CAS   | SING  |                   |  |
| Hole size:7-7/8 Casing: 5-1/2" 1                               |   |                   |  |
| Casing set @ _5000   | )' w/200 sx TD  | 5000'             | san juan repro Form 100-13   |

| WELL NAME CBU Well No. 20                      |  |
|--|--|
| LOCATION 660' FNL, 1980' FWL                   | SECTION 7 T 25N R 12W                      |
| CURRENT STATUS: P & A                          |  |
|  | GLE 6244                                   |
| 1 1  | RBM  |
|  | DF   |
|  |  |
|  |  |
| SURFACE CASING                                 |  |
| Hole size: $\frac{12-1}{2}$                    |  |
| Casing: <u>8-5/8" 24#</u>                      | <del> </del>                               |
| Casing set @                                   | W544 W655 6W                               |
|  | WELL HISTORY                               |
| FORMATION TOPS                                 | Spud date: <u>12-28-57</u> Original owner: |
|  | IP BOPD _30.5_BWPD                         |
| Fruitland ———————————————————————————————————— | GOR <u>598</u>                             |
| Lewis  | Completion treatment: 30,000 gal crude     |
| Cliffhouse                                     | oil and 30,000# sand                       |
| Menefee  | CURRENT DATA                               |
| Point Lookout                                  | Pumping Unit                               |
| Mancos <u>3833'</u>                            | Tubing @ 4953                              |
| Upper Gallup  Lower Gallup  4838 '             | Pump size                                  |
| Lower Garage                                   | Remarks Plugged and Abandoned              |
| CEMENT TOP                                     |  |
|  |  |
| 2505001710110                                  |  |
| PERFORATIONS 4847'-53'                         |  |
| <u>4892'-98'</u><br>4913'-17'                  |  |
|  |  |
|  |  |
| PBD  |  |
|  |  |
| PRODUCTION CASING                              |  |
| Hole size: 7-7/8"                              |  |
| Casing: 5-1/2" 14#                             |  |
| Casing set @ 5004.45' w/ 200 sx TD 5004        | san juan repro Form 100-13                 |

| WELL NAME THE VELL NO. ED                             |  |
|---|--|
| LOCATION 660' FSL, 1980' FEL                          |  |
| CURRENT STATUS: Pumping                               |  |
|   | GLE _6209'   |
| 1.1   | RBM_6220'  |
|   |  |
|   | ДБ<br>КВ 11'   |
|   |  |
| SURFACE CASING  |  |
| Hole size: 12-1/4"                                    |  |
| Casing: <u>8-5/8"</u>                                 |  |
| Casing set @ 191' w/175 sx                            |  |
|   | WELL HISTORY   |
| 55500700  | Spud date: 6-4-56  |
| FORMATION TOPS  | Original owner: Sunray Mid-Continent  IP 125 BOPD BWPD                                       |
| Pictured Cliffs                                       | GOR  |
| Lewis   | Completion treatment: 7/56   |
| Cliffhouse  |  |
| Menefee   | CURRENT DATA   |
| Point Lookout 3630'                                   | Pumping Unit American 160  |
| Mancos 3820' Upper Gallup 4710'                       | Tubing 2-3/8"  |
| Lower Gallup 4804'                                    | Pump size $\frac{2 \times 1 - 1/2 \times 16}{134 \text{ of } 3/4'' \& 58 \text{ of } 7/8''}$ |
| 25,001 501145   | Remarks Set Model D packer a5 4794'  |
| CEMENT TOP  | Model D packer drilled to 4930' 2/21/  |
|   | Spinner Survey core analyses   |
| PERFORATIONS 4816'-28', 4885'-92'                     |  |
| 4898'-4905' (6 JSPF)                                  |  |
| (add'1 zone)4863-69'                                  |  |
|   |  |
|   |  |
| PBD 4979'<br>4911' (4-3-68)                           |  |
| 4911 (4-5-00)   |  |
| PRODUCTION CASING                                     |  |
| Hole size: _7-7/8"                                    |  |
| Casing: 5-1/2" 14#                                    | 50001  |
| Casing set @ $\frac{4998' \text{ w}}{225 \text{ sx}}$ | 50001 san juan repro Form 100-13   |

| WELL NAME CBU Well No. 64          |                 | A CONTRACTOR OF THE CONTRACTOR |
|------------------------------------|-----------------|--|
| LOCATION 1980' FNL, 1980' FEI      | SECTION         |  |
| CURRENT STATUS: Well pump          | ing             |  |
|                                    |                 | GLE <u>6274'</u>   |
|                                    | III HI          | RBM  |
|                                    |                 | DF   |
|                                    |                 |  |
|                                    |                 |  |
| SURFACE CASING                     |                 |  |
| Hole size: 12-1/4"                 |                 |  |
| Casing: 8-5/8" 24# 8rd             | 기               |  |
| Casing set @ 352' 225 sacks cement | ' A A           |  |
|                                    | H               | WELL HISTORY   |
|                                    |                 | Spud date:   |
| FORMATION TOPS                     | H FI            | Original owner:  |
| Fruitland                          | — H A           | IPBOPDBWPD   |
| Pictured Cliffs 1224'              | — H []          | GOR  |
| Lewis                              | — A A           | Completion treatment:  |
| Cliffhouse                         | — H H           | 01100-11-0-1-0   |
| Menefee                            | — I I           | CURRENT DATA   |
| Point Lookout 3659'                |                 | Pumping Unit   |
| Mancos 3831'                       |                 | Tubing   |
| Upper Gallup 4721'                 |                 | Pump size  |
| Lower Gallup 4826 1                | — H I           | Rod string   |
| OCMENT TOD                         | H               | Remarks $1-28-59$ convert to gas injection. $9-5-81$ run $3958.18$ '   |
| CEMENT TOP                         | — H H           | Atlas-Bradford FL4S flush joint  |
| Liner Cement Top 538' CBL          | 1 4             | liner to 3965.18' KBE. Cement  |
| PERFORATIONS 4910'-4916'           |                 | with 100 sacks 50:50 pox and 100   |
| 4922'-4930'                        |                 | sacks Class B.   |
| 4890'-4896'                        |                 |  |
| 4842'-4858'                        |                 |  |
| PBD                                | Bottom of liner |  |
|                                    | 3965.18         |  |
| PRODUCTION CASING                  | KBE             |  |
| Hole size:                         |                 | ·  |
| Casing: _5-1/2" 14# J-55           |                 | ·  |
| Casing set @ 4989'                 | TD 4990'        | san juan repro Form 100-13   |

| WELL NAME CBU No. 75                |         |             |               |                     |
|-------------------------------------|---------|-------------|---------------|---------------------|
| LOCATION 660' FNL, 1980' FEL        | SECTION | 7           | т <u>25</u> К | 12W<br>_R           |
| COUNTY                              |         | STATE       |               |                     |
|                                     |         |             |               |                     |
|                                     |         |             | GLE           | 251'                |
| 1 1                                 | 1 1     |             | RBM:          |                     |
|                                     |         |             | _             |                     |
|                                     |         |             | DF            |                     |
|                                     |         |             |               |                     |
|                                     |         |             |               |                     |
| SURFACE CASING                      |         |             |               |                     |
| Hole size:                          |         |             |               |                     |
| Casing: 8-5/8" 24# K-55 8rd         |         |             |               |                     |
| Casing set @ 219.11' with 120 sacks |         |             |               |                     |
|                                     |         | WELL HIS    | TORY          |                     |
|                                     |         | Soud date:  | 4/29/82       |                     |
| FORMATION TOPS                      |         | Orininal nu | vner Hixon De | velopment Compa     |
| Pictured Cliffs 1191'               |         |             |               | 4_ BWPD 57.6        |
| Lewis 1330'                         |         |             |               | 6                   |
| Cliffhouse 1509'                    |         |             |               |                     |
| Menefee 2592'                       |         |             |               |                     |
| Point Lookout 3643'                 |         | CURRENT     | DATA          |                     |
| Mancos 3821'                        |         | Pumning I   | nit           |                     |
| Upper Gallup 4735'                  |         |             |               | ó'                  |
| Lower Gallup 4819'                  |         | •           |               |                     |
|                                     |         | Rod string  |               |                     |
|                                     |         | Remarks     |               |                     |
| CEMENT TOP                          |         |             |               |                     |
|                                     |         |             |               |                     |
|                                     |         |             |               |                     |
| PERFORATIONS 4832'-4846'            |         |             |               |                     |
|                                     |         |             |               |                     |
|                                     |         |             |               |                     |
|                                     |         |             |               |                     |
|                                     |         |             |               |                     |
| PBD5044'_KBE                        |         |             |               |                     |
|                                     |         |             | ·             |                     |
|                                     |         |             |               | <del></del>         |
| PRODUCTION CASING                   |         |             |               |                     |
| Hole size:                          |         |             |               |                     |
| Casing: 4-1/2" 10.5# K-55           |         |             |               |                     |
|                                     | 5100'   |             | san juai      | n repro Form 100-13 |

| value (Mr. Central Elett State (A.   |   |
|--|---|
| LOCATIONCU! FSL, 660' FEL  | SECTION T F   |
| CUFRENT STATUS:  |   |
|  | GLE   |
|  | RBM   |
| SURFACE CASING   | DF  |
| Hote size   12-1/4"  Casing: 8-5/8"   24#   K-55   8rd                                       |   |
| Casing set @ 215.37' with 120 sacks  FORMATION TOPS Fruitianc 1128'  Pietured Ciffs 1150'    | WELL HISTORY  Spud date:5/6/82  Original owner: _Himon Development  IP BOPD BWPD  GOR |
| Pictured Ciiffs  Lewis  Cliffhouse  1503'  Menefee  Point Lookout  1335'  2591'              | CURRENT DATA  |
| Mancos 3792' Upper Gallup 4714' Lower Gallup 4803'   | Pumping Unit Tubing  Pump size  Rod string  Remarks                                   |
| CEMENT TOP   | WELLIOTKS   |
| PERFORATIONS 4812'-30'   |   |
|  |   |
| PBD  |   |
| PRODUCTION CASING  |   |
| Hole size: 7-7/8"  Casing: 4-1/2" 10.5# K-55 8rd  Casing set @ 5063.27' with 525 sacks TD 53 | 090!  |

## NOTICE

Hixon Development Company, P.O. Box 2810, Farmington, New Mexico 87499, (505) 325-6984 whoes agent is Aldrich L. Kuchera hereby notifies interested parties that the CBU Well No. 78 located in the SE/4 SW/4, Section 6, T25N, R12W is to be converted to a water injection well. Maximum rate will be 1200 BWPD at less than 965 psi. Any request for information or objections should be filed with the Oil Conservation Division, P.O. Box 2088, Santa Fe, New Mexico 8750I within 15 days.

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