### TREERVATION DIVISION F O HOX 2088

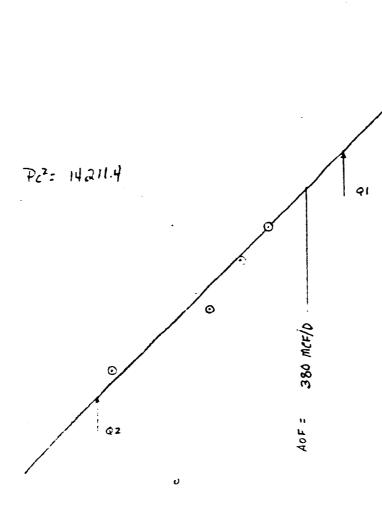
AP MINIPALS DIPARTMENT . TO NEW MEXICO 67501 MULTIPOINT AND THE POINT BACK PRESSURE TEST FOR GAS WELL > 1541

|                  |                                | ,                                       | 1.0 ()         |                                       |                     |                  |            |                                     |                          |             |               | C/          | ALPE               | <u> </u>          | · · · · · · · · · · · · · · · · · · · |
|------------------|--------------------------------|---|----------------|---------------------------------------|---------------------|------------------|------------|-------------------------------------|--------------------------|-------------|---------------|-------------|--------------------|-------------------|---------------------------------------|
| ( <b>)</b> P     | [X                             | ] Ir.itial                              | FOUR           | POINT                                 |                     |                  |            | Spec                                | ng]                      | 11-         | 8-83          | <u>.</u>    |                    | 2030 F            | DEC 2 8 198                           |
| C com.           | ן פו. ע                        |   |                | 1                                     | = Q2374 <b>P</b>    |                  |            |                                     |                          |             |               |             | 2020 -             | Ø, C, D.          |                                       |
|                  | CIB                            | OLA EN                                  | ERGY           | Corp.                                 | Forma               | AIR NEW WELL     |            |                                     |                          |             |               | Unit        | 2080 F             | ELARTESIA, OFFICE |                                       |
| Pou.             |                                | DCAT S                                  | مارد           | nou                                   | -                   | 11517            |            | MORROW                              |                          |             |               |             |                    | F                 |                                       |
| Cum              | WIL<br>plation Lesse           | DCAL                                    | 17             | Total Empth.                          |                     | 1.               | 130/38     |                                     | 1                        | Levotic     | )r.           |             | L, car w c         | r Lease N         | ame                                   |
|                  | 11-8-                          |   | - 1            | 13                                    | ,270                |                  | 13,2       | 60 -                                |                          | 303         | 5 K           | 3           |                    |                   | L FEDERAL                             |
|                  | Size                           | w1.                                     | 1.9            | đ                                     | Set At              | Perforations:    |            |                                     |                          |             | Well M        | ٥.          | Ì                  |                   |                                       |
| L                | 500                            | 13.5                                    | , !            | 3.920                                 | 13,26               | 0 ! 5            | erioration | ,727                                | Т6                       | 12,         | 734           |             | Unil               | Sec.              | Twp. Bye.                             |
| _                | ı                              |   | - 1            |                                       | ł                   | ء ا              | rom OF     |                                     | 70                       | E           | NDE           | ,           | F                  | 5                 | 23S 29E                               |
| Typ              | 2.375 j                        | 4 . /<br>10 - Brode                     | nneod          | 1,995<br>- G.C. or G.C                | 12,68<br>. Multipi• |                  | <u>UP</u>  | Pucker Se                           | ı Aı                     | <del></del> | <u>.140-1</u> |             | County             |                   |                                       |
|                  | SINGLE                         |   |                |                                       |                     |                  |            | ]                                   | 2,6                      | 66 _        |               |             |                    | EDDY              |                                       |
|                  | lucing Thru                    | F                                       | leservo        | oir Temp. *F                          | Mean Ar             | ו גם טחו         | emp. °F    | Harc. Pres                          | в. — ј                   | G G         |               |             | Sicie              |                   |                                       |
| -                | TUBING                         |   | 205            | 12,730                                | )                   | 60               | .,         | <del></del>                         | 13.5<br>H <sub>2</sub> s | 2           | 1 =           |             | Mete               | NEW ME            | XICO Tars                             |
|                  | L                              | н                                       |                | C-Q                                   | * CO 2              |                  | * N 2      | 1                                   |                          |             | F₁ov          |             | i                  | 411               | FLANGE                                |
|                  | 12.730                         | 12.73                                   |                | 0.6089                                | 1 1.                | <u> 389</u>      | 8.         |                                     | 0                        | <br>DATA    | <del>!</del>  | 0           |                    | DATA              | Duration                              |
|                  | Prover                         |   | <del></del> _  | OW DATA                               | Diff.               |                  | Temp.      | Presc                               |                          | Tem         | D.            | Pre         |                    | Temp              |                                       |
| NΟ.              | Line                           | Х -                                     | rilice<br>Size | p.s.i.g.                              | h <sub>w</sub>      |                  | •F         | p.s.1.q                             |                          | • 5         |               | р.в.        |                    | • F               | Flow                                  |
| SI               | Size                           |   |                |                                       | <del>- </del>       | <del>- i</del> - |            | 2859                                | 9                        | 68          |               | PAC         | KER                |                   | 24                                    |
| 1.               | 4                              | Χ .                                     | 500            | 405.                                  | 3.7                 |                  | 68         | 2574                                | <u>+</u>                 | 68          |               |             |                    | <u> </u>          | 1                                     |
| 2                | 4                              |   | .500           |                                       | 22.0                |                  | 72 ·       | 233                                 |                          | 66          |               |             |                    |                   |                                       |
| 3.               | 4                              |   | .500           |                                       | 1 39.0              |                  | 73         | 198                                 |                          | 60<br>58    |               | <del></del> |                    | <del> </del>      |                                       |
| 4                | 4                              | X                                       | <u>. 500</u>   | 405.                                  | 68.0                |                  | 78         | 156                                 | 2                        | 70          | -+            |             |                    | <del> </del>      |                                       |
| 5.               |                                |   |                | <u> </u>                              | RAT                 | F OF             | FLOW       | CALCUL                              | ATIC                     | NS          |               |             |                    |                   |                                       |
|                  |                                |   |                |                                       |                     |                  | 1          | w Temp.                             |                          | Gravity     | ·             | Ĭ           | Super              |                   | Rate of Flow                          |
|                  | Coeffi                         | ient                                    |                | $\sqrt{h_{\mathbf{w}}P_{\mathbf{m}}}$ | ĺ                   | sure             | F          | octor                               | '<br>                    | Factor      |               | i .         | mptesa.            |                   | Q, Mala                               |
| NO.              | (24 H                          | our)                                    |                |                                       |                     | w                | 1          | FI.                                 | - 1                      | Fq          |               |             | .027               |                   | 62.                                   |
| 1                |                                | 1.2120 $39.34$ $418.2$ $.9924$ $1.2814$ |                |                                       |                     | .026             |            | 151.                                |                          |             |               |             |                    |                   |                                       |
| 2.               | 1.212                          |   |                | 95.92<br>127.71                       | 1 418               |                  |            | 9877                                |                          | .2814       |               |             | .026               |                   | 201.                                  |
| 3                | $\frac{1.212}{1.212}$          |   | 1              | $\frac{127.71}{168.63}$               | 418                 |                  |            | 9831                                |                          | .2814       |               | 1           | .025               | 4                 | 264.                                  |
| 5.               | 1.212                          | <u> </u>                                |                | 100.05                                |                     |                  |            |                                     |                          |             |               |             |                    |                   |                                       |
| 5                |                                | - <del></del>                           | L              |                                       | z                   | Gos L            | lquid Hy   | grocarion F                         | iatio _                  |             |               |             |                    |                   | McI/Lbl.                              |
| NO.              | Pr                             | Temp.                                   | •R             | T <sub>s</sub>                        |                     | A.P.1            | . Gravity  | of Liquid h                         | lydroc                   | arbons      |               |             |                    |                   | Deg.                                  |
| 1                | .63                            | 528                                     | •              | 1.58                                  | .948                | Speci            | tic Gravi  | ty Separato                         | Gos_                     | 0           | <u>-608</u>   | 39          |                    | -   X X           | 0.6089                                |
| 2.               | .63_                           | 532                                     |                | 1.60                                  | .950                | Speci            | tic Gravi  | ly Flowing                          | Fluid                    | 661         | x             | XXX         | X                  | , ,               | 663_ P.S.I.A.                         |
| 3.               | .63_                           | 533                                     | - 1            | 1.60                                  | <u>.950</u><br>.951 | Critic           | al Press   | ure                                 |                          | 333         |               |             | r.s.               | _R                |                                       |
| 4.<br>5          | 63                             | 538                                     |                | 1.61                                  |                     | ì                |            |                                     |                          |             |               |             |                    |                   |                                       |
| F <sub>C</sub> . | 3769.8                         | _ Fc 2                                  | 1421           | 1-4                                   |                     |                  | P. 2       |                                     | 1 /                      | 1425        |               |             | F. 2               | ] n               | 1.4425                                |
| NO               |                                | P.,                                     | i              | P,2                                   | $P_c^2 - F_w^2$     | (1) _            | P2 _ D     | <del> =</del> _                     | Ι                        | 1742        | -             | (2) _       | P <sub>2</sub> - F | <u>-</u> ا        |                                       |
| 1                |                                | 3408                                    | .3             | 11616.5                               | 2595.0              |                  | rc - rw    | ,                                   |                          |             |               | Ļ           |                    | لہ ~              |                                       |
| 2                |                                | 3106                                    |                | 9650.3                                | <u>4561.0</u>       | }<br>}           | Г          | P. 2                                | ٦n                       | 7           | 2n 9          | 2           |                    |                   |                                       |
| 3                |                                | 2648                                    |                | 7013.5                                | 7198.0              | ACF              | = C  -     | $\frac{{P_c}^2}{{P_c}^2 - {R_w}^2}$ | -  =                     | :2          | 00.0          |             |                    |                   |                                       |
| 5                |                                | 2088                                    | <u> </u>       | 4359.7                                | 9052.0              |                  | L          | r <sub>c</sub> - w                  | د                        |             |               | _           |                    |                   |                                       |
|                  | olute Open                     | Flow                                    | 380.           | . 8                                   |                     |                  | Neld       | e 15.025                            | Angl                     | e of 5)c    | pe O          |             | 45°                | \$1o              | no. n 1.000                           |
|                  |                                |   |                |                                       |                     |                  |            |                                     |                          |             |               |             |                    |                   |                                       |
| Hen              | narke:                         |   |                |                                       |                     |                  |            |                                     | . , <del></del>          |             |               |             |                    |                   |                                       |
| ALP              | toved By DI                    | vision                                  |                | Conduct                               | ed By:              |                  |            | Calculate                           |                          |             | ···           |             | Check              | ed By:            |                                       |
|                  | DON BENNETT WOHLFORD & JENKINS |   |                |                                       |                     |                  |            |                                     |                          |             |               |             |                    |                   |                                       |

DON BENNETT

CINCLA ANTREY
CHRINEL FEJERL WELL NO
UNIT F. See 5. Tun 255 RZ
Eddy County New Mexico

Q1 = 5+0 106 · 2.732 Q2 54 LOC = -1.732 N= 1.000



| Form  | 9-331 |
|-------|-------|
| a May | 19631 |

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

### UN' D STATES

NM OSIBECTONS TRIBE

Form approved.

ABANDON MENT\*

| DEPART  | MEN. OF THE INTER                                   | (Other linstru<br>RIDA Worke Bibe) | ማትር <sub>ማ</sub> ትር | 5. LEASE DESIGNATION .   |                 |
|---|---|------------------------------------|---------------------|--|-----------------|
|   | SEOLOGICAL SURVEY                                   | Andrew and area                    | 88210               | NM 0556291   |                 |
| (Do not use this form for propos  | ICES AND REPORTS tals to drill or to deepen or plug | back to a different rec            | er voir.            | 6. IF INDIAN, ALLOTTEE   | OR TRIBE NAM    |
| OIL GAS X OTHER   |   | NOV                                | 2 1981              | 7. UNIT AGREEMENT NAM  | ME              |
| 2. NAME OF OPERATOR Cibola Energy Corpora   | tion /  | 0.0                                | 13                  | 8. FARM OR LEASE NAM:<br>Carthel Fed                           | E               |
| 3. ADDRESS OF OPERATOR P.O. Box 1668, Albuqu                                      |   | 87103 ARTESIA, C                   | 95HO2               | 9. WELL NO.  |                 |
| 4. LOCATION OF WELL (Report location c<br>See also space 17 below.)<br>At surface | learly and in accordance with an                    | y State requirements.•             |                     | 10. FIELD AND POOL, OR Wildcat                                 | WILDCAT         |
| 2030 FNL & 2080   | FEL   |                                    |                     | 11. SEC., T., R., M., OR BI<br>SURVEY OR ABEA<br>Sec. 5-23S-29 |                 |
| 14. PERMIT NO.  | 15. ELEVATIONS (Show whether 3003.4 Gr.             | DF, RT, GR, etc.)                  |                     | 12. COUNTY OR PARISH   | 13. STATE<br>NM |
| 16. Check Ap  | propriate Box To Indicate                           | Nature of Notice,                  | Report, or O        | ther Data  |                 |
| NOTICE OF INTEN   | TION TO:  | 1                                  | SUBSEQU             | ENT REPORT OF:   |                 |
|   | PULL OR ALTER CASING                                | WATER SHUT-                        |                     | REPAIRING W  |                 |

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) (Other) 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) •

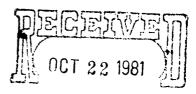
SHOOTING OR ACIDIZING

(Other) \_

TD 13,275', Ran 38 joints 4 1/2" casing, circulate bottoms up. 10-3-81 Cemented with Halliburton with 160 sacks cement. P.D. at 5:00 AM 10-03-81

ABANDON\*

CHANGE PLANS



Casing report

OIL & GAS U.S. GEOLOGICAL SURVEY ROSWELL, NEW MEXICO

| The state of the s |         |                    |             |          |
|--|---------|--------------------|-------------|----------|
| 18. I hereby certify that the for some is wife and correct   |         |                    |             |          |
| SIGNED TORESTA CHAPMAN   | TITLE _ | Drilling Secretary | DATE _      | 10-15-81 |
|  |         |                    | <del></del> |          |
| (This space for Federal 2a9 1981se)  |         |                    |             |          |
| APPROVED BY  | TITLE _ |                    | DATE _      |          |
| CONDITIONS OF APPROVAL, IF ANY: U.S. GEOLOGICAL SURVEY ROSWELL, NEW MEXICO   |         |                    |             |          |

HEIDWildcat STATE NM CIBOLA ENERGY CORP. API 30-015-23389 HASI Carthel Federal MAP Sec 5, T238, R29E CO-ORD 2030 FNL, 2080 FEL of Sec 1-3-33 NM SPD 6-18-81 CMP 11-7-81 6 mi NE/Loving WELL CLASS: INITWF FIN WFD LSE. CODE 7-30-set DATUM **FORMATION FORMATION** DATUM ∠0-496-700 sx 13 3/8-2863-4200 sx 9 5/8-10,249-3900 sx 7-1nr-9846-12,298-600 sx  $4 \frac{1}{2} - \ln r - 12, 119 - 13, 270 - 160$ \$\text{\$x0} \ 13, 270 (BRNT) 12,800 PBD 2 3/8-12,687 (Morrow) Perfs 12,726-734 SHUT IN GAS WELL CONIR Ard #1-Y OPESELV 3003 GL sub-s 11

F.R. 8-17-81 PD 13,400 RT (Morrow) Drlg 7723 "Tight" 8-10-81 Drlg 10,211 "Tight" 8-17-81 Drlg 11,200 "Tight" 8-24-81 Drlg 11,238 "Tight" 8-31-81 Drlg 12,900 "Tight" 9-28-81 TD 13,270; "Tight" 10-5-81 TD 13,270; PBD 12,800; Complete 1-11-82 Perf (Morrow) 13,182-192, 13,200-208 w/4 SPF Acid (13,182-208) 1000 gals Frac (13,182-208) 30,000 gals (no sd) Ret @ 12,800 Sqzd (13,182-208) w/105 sx Perf (Morrow) 12,726-734 w/2 SPF 15 Acid (12,726-734) 1000 gals

1-3-33 NM

EDDY

Wildcat

CIBOLA ENERGY CORP.

2 Carthel Federal Sec 5, T23S, R29E Page #2\_\_

NM

1-11-82

Continued

CAOF 381 MCFGPD (12,726-734)

Morrow Discovery; no suggested Field Name LOG TOPS: Delaware 2920, Bone Spring 6568, Wolfcamp 9860, Strawn 11,636, Atoka 11,720,

Morrow 12,286, Barnett 13,210 LOGS RUN: CNL, GRL, DILL, CANL

1-16-82 COMPLETION ISSUED

1-3-33 NM TC -30-015-70371-81

| OMAY 1963)  DEPARTMEN. OF GEOLOGICAL   | TATES MITHE INTERMINE L SURVEY A                    | MOIN CONSINCOMMICSION COMMICSION COMICSION COMMICSION C | Form approved.  Budget Bureau No. 42-R1424.  5. LEASE DESIGNATION AND SERIAL NO.  NM 0556291 |
|--|---|--|--|
| SUNDRY NOTICES AND (Do not use this form for proposals to drill or t Use "APPLICATION FOR PER                                  | REPORTS C   | ON WELLS   | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME   |
| OIL GAS X OTHER  |   | NOV 0 1001   | 7. UNIT AGREEMENT NAME   |
| 2. NAME OF OPERATOR  |   |  | S. FARM OR LEASE NAME  |
| Cibola Energy Corporation /  | :   | 6% (1% F%  | Carthel Fed  |
| 3. ADDRESS OF OPERATOR   |   | A Part of the Control of the   | 9. WELL NO.  |
| P.O. Box 1668, Albuquerque, New  |   | 710346.6888.67662  | 2  |
| 4. Location of Well (Report location clearly and in ac<br>See also space 17 below.)  | cordance with any                                   | State requirements.*   | 10. FIELD AND POOL, OR WILDCAT   |
| At surface   |   |  | Wildcat  |
| 2030 FNL & 2080 FEL  |   |  | 11. SEC., T., R., M., OR BLK. AND<br>SURVEY OR AREA  |
|  |   |  | Sec. 5-23S-29E   |
| 15 PIPULTION   | s (Show whether DF                                  | PT CP atc.)  | 12. COUNTY OR PARISH 13. STATE   |
| 14. PERMIT NO.   | `   | , KI, GK, CW.)   | Eddy NM  |
|  | 3.4 Gr.   |  | 1 200)   |
| 16. Check Appropriate Bo   | x To Indicate N                                     | lature of Notice, Report, or   | Other Data   |
| NOTICE OF INTENTION TO:  |   | SUBSE  | QUENT REPORT OF:   |
| TEST WATER SHUT-OFF PULL OR ALTER  | CASING  | WATER SHUT-OFF   | REPAIRING WELL   |
| FRACTURE TREAT MULTIPLE COMP   | , <del></del> i                                     | FRACTURE TREATMENT   | ALTERING CASING  |
| SHOOT OR ACIDIZE ABANDON*  |   | SHOOTING OR ACIDIZING  | ABANDONMENT*   |
| REPAIR WELL CHANGE PLANS   |   | (Other) <u>Casing</u>  | report X   |
| (Other)  |   | ! Completion or Recom  | ts of multiple completion on Well pletion Report and Log form.)                              |
| 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly proposed work. If well is directionally drilled, grant to this work.) * | ve subsurface loca                                  | nons and measured and time vert  | ical depeals to: an addition and business possible   |
| 2 joints 7" 8RD 29#<br>landing collar, ran<br>12,298', top of lin<br>600 sacks Class "H"                                       | /ft., LT&C<br>liner MWL<br>er hanger a<br>with 6/10 | w/ MWL type LG-3 lir<br>T-95-F casing MWL fl<br>float shoe. Total o<br>t 9846'. Cemented w<br>of 1% Halad 22, 4/10<br>down at 12:30 9-16-8   | oat collar and<br>of 2452' set at<br>with Halliburton<br>of 1% CFR-2 5#                      |
|  |   | OIL & GA U.S. GEOLOGICAL ROSWELL, NEW  | نستند<br>S<br>L SURVEY   |
| 18. I hereby certify that the the the the the the the the the th   |   | orilling Secretary   | DATE10-2-81  |
| (This space for Federal CTS2 1981)   | _ TITLE   |  | DATE   |

| F | orm | 9-331 |   |
|---|-----|-------|---|
|   | Mar | 1963  | ı |

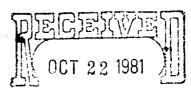
| DEPARTME OF THE INTERIOR THE PROPERTY OF TH |         |
|---|---------|
| SUNDRY NOTICES AND REPORTS ON WELLS  (Do not use this form for proposals to drill or to deepen or plans back to a different reservoir.  Use "APPLICATION FOR PERMIT—" for such proposals.)  | BE NAME |

| 8. FARM OR LEASE NAME - Carthel Fed 9. WELL NO. 2 te requirements.* 10. FIELD AND POOL, OR WILDCAT |
|--|
| Carthel Fed  9. WELL NO.  2  |
| 9. WELL NO.<br>2   |
| 103 mosta, or - 32 2   |
|  |
| to requirements # 10 FIFID AND POOL OR WILDCAT   |
| te requirements.* 10. FIELD AND POOL, OR WILDCAT   |
| Wildcat  |
| 11. SEC., T., R., M., OR BLE. AND<br>SURVEY OR AREA  |
| 5-23S-29E  |
| GR, etc.) 12. COUNTY OR PARISH 13. STATE   |
| Eddy NM  |
|  |

| NOTICE OF INTENTION TO: |  |  |  | SUBSEQUENT REPORT OF .  |   |    |  |  |
|-------------------------|--|--|--|---|---|----|--|--|
| TEST WATER SHUT-OFF     |  | PULL OR ALTER CASING MULTIPLE COMPLETE |  | WATER SHUT-OFF FRACTURE TREATMENT                                   | REPAIRING WELL                            |    |  |  |
| SHOOT OR ACIDIZE        |  | ABANDON*                               |  | SHOOTING OR ACIDIZING   | ABANDONMENT*                              | 37 |  |  |
| REPAIR WELL             |  | CHANGE PLANS                           |  | (Other) <u>Casing report</u>  |   | Λ  |  |  |
| (Other)                 |  |  |  | (Note: Report results of multipl<br>Completion or Recompletion Repo | e completion on Well<br>rt and Log form.) | i  |  |  |

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Ran a total of 10,249.57' of 9 5/8" casing and float equipment. Pipe set 8-15-81 at 10,187.57' GL and 10,217.57 KB. Cemented first stage with 10 bbls fresh water before job. 1075 sacks trinity lite, with 3/4 of 1% CFR-2, 1/4# Flocele/ sack, 12.4#/gallon & yield 1.5 cu. ft./sk. Tail in with 300 sks Class "H" cement with 3/4 of 1% CFR-2, mixed at 15.6#/gallons, yield 1.18 cu. ft./sk. Bumped plug with 2000# at 3:20 pm. Cemented 2nd stage with 10 bbls fresh water before job, then with 1700 sacks trinity lite with 5/10 of 1% CFR-2, 1/4# Flocele/sk. 12.1#/gallon, yield 1.69 cu. ft. per sack. Tail in with 200 sacks Class "H" with 5/10 of 1% CFR-2, 15.6#/gallon, yield 1.18 cu. ft./sk. Bumped with 3000# at 12:45 am. 8-15-81. Circulated 80 sacks to reserve.



OIL & GAS U.S. GEOLOGICAL SURVEY ROSWELL, NEW MEXICO

| 18. I hereby certify that the foregoing is true and c   | priect                   | 0 15 01     |
|---|--------------------------|-------------|
| SIGNED CERTIFICATION OF STATE | TITLE Drilling Secretary | DATE        |
| On All  |                          |             |
| (This space for Federal or State office use)  | j                        |             |
| 001291981   | TITLE                    | DATE        |
| APPROVED BY   |                          | <del></del> |
| U.S. GEOLOGICAL   |                          |             |

| Form | 9-331 |  |
|------|-------|--|
| (May | 19631 |  |

## UNITED STATES M.O.C.D SU GORN TRIPLICATE (Other Instructions on re-

Form approved.
Budget Bureau No. 42-R1424.

| (May 1963)                         | DEPART                           | MENT OF THE I  | NTERIOR                           | verse side)  | 5. LEASE DESIGNATION NM 0556                         | 5291            |
|------------------------------------|----------------------------------|--|-----------------------------------|--|--|-----------------|
| SU<br>(Do not use th               | NORY NOT                         | CES AND REPO   | ORTS ON                           | WELLS a different reservoir.   | 6. IF INDIAN, ALLOTTE                                |                 |
| OIL GAS WELL WELL                  | OTHER                            |  |                                   | JUL 2 9 1981   | 8. FARM OR LEASE NAT                                 |                 |
| 2 ADDRESS OF OPERA                 | TOR                              | rporation  |                                   | O. C. D.   | 9. WELL NO.  |                 |
| P O Ro                             | x 1668.                          | Albuquerque  | , NM 871                          | OSARYESIA, OFFICE  | 2<br>10. FIELD AND POOL, G                           | OR WILDCAT      |
| See also space 11                  | (Report location of below.)      |  |                                   | •  | Wilde<br>11. SEC., T., B., M., OR<br>SURVEY OR ARE   | DLK. AND        |
|                                    |                                  |  |                                   |  | 5-238  |                 |
| 14. PERMIT NO.                     |                                  | 15. ELEVATIONS (Show                                       |                                   | R, etc.)   | 12. COUNTY OR PARIS                                  | 1               |
| 11. 12                             |                                  |  | 03.4 Gr.                          |  | Eddy   | NM              |
| 16.                                | Check A                          | ppropriate Box To I  | ndicate Natur                     | e of Notice, Report, or (  | Other Data   | ,               |
|                                    | NOTICE OF INTE                   | NTION TO:  |                                   | SUBSEQ   | UENT REPORT OF:                                      | <u> </u>        |
| TEST WATER SHI                     | T-OFF                            | PULL OR ALTER CASING                                       |                                   | WATER SHUT-OFF   | REPAIRING<br>ALTERING                                | [ <del></del> ] |
| FRACTURE TREAT                     |                                  | MULTIPLE COMPLETE  |                                   | FRACTURE TREATMENT   | ABANDONM   |                 |
| SHOOT OR ACIDIZ                    | E                                | ABANDON*   |                                   | SHOOTING OR ACIDIZING  | <br>asing report                                     | X               |
| REPAIR WELL                        |                                  | CHANGE PLANS   |                                   | (Other)  | s of multiple completion<br>pletion Report and Log f | non Well        |
| 7-20-8  Ran 70 2863' SX Cla plug a | joints o                         | f 13 3/8" 61<br>nted with 8#<br>at. Circula<br>m. Float he | # and 54<br>:/sack sa<br>:ted 430 | ails, and give pertinent date; and measured and true vertines.  .5# K-55 casing lt. Followed SX to surface. Nippled down 2 | g to<br>by 200<br>Bumped                             |                 |
|                                    |                                  |  |                                   |  | · 2 7 1961   | ·               |
|                                    |                                  |  |                                   | <br>   | Andrews<br>Helico                                    |                 |
| 18. I hereby certify               | that the foregoin                | g is true and correct                                      | TITLE Proc                        | luction Secreta  | ry DATE 7-2  | 23-81           |
| (This space 1)                     | Federal or State<br>ACCEPTED FOR | office (186)<br>RECORD                                     |                                   |  | gs 4 mm  |                 |
| N Changaa                          | OGER A CHOOF APPROVAL, I         | APMAN  | TITLE                             | <u> </u>   | DATE   |                 |

JUL 2 8 1981

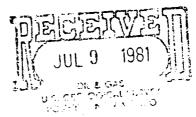
\*See Instructions on Reverse Side

|   |  | N.M.C.C.D. COPY   |  | - //                                    |
|---|--|---|--|---|
| erm 9-331<br>May 1963)                                  | UNITED STATE   | S SUBMIT IN TRIPL, ATE (Other instructions on re-   | Form approved Budget Bureau  5. LEASE DESIGNATION A      | No. 42-R1424.                           |
|   | GEOLOGICAL SU  | RVEY  | NM 0336291   | RECEIVED                                |
|   | DRY NOTICES AND REP  |   | 6. IF INDIAN, ALLOTTEE                                   | OR TRIBE NAME                           |
| (Do not use this  | form for proposals to drill or to deepe<br>Use "APPLICATION FOR PERMIT—" | on or plug back to a different reservoir.  'for such proposals.)                                      | 7. UNIT AGREEMENT NAM                                    | <u>JUL 1 3 19</u> 31                    |
| OIL GAS WELL  | X OTHER  |   |  | O. C <u>. D.</u>                        |
| NAME OF OPERATOR  |  |   | 8. FARM OR LEASE NAME                                    |   |
| Cibola  | Energy Corporation   |   | Carthel Feder  | raı                                     |
| 3. ADDRESS OF OPERATO                                   | B.   | 07100   | g. WELL NO.  |   |
| 1005 Ma   | rquette NW Albuquerq   | ue, NM 8/1UZ  | 10. FIELD AND POOL, OR                                   | WILDCAT                                 |
| 4. LOCATION OF WELL ( See also space 17 bel             | Report location clearly and in accordance                                | Wildcat   |  |   |
| At surface  | •  |   | 11. SEC., T., B., M., OR BI SURVEY OR ABEA  Sec. 5-23S-2 |   |
| 2030 FN   | IL & 2080 FEL  |   | 1  |   |
|   | 15. ELEVATIONS (Sho  | w whether DF, RT, GR, etc.)   | 12. COUNTY OR PARISH                                     | 13. STATE                               |
| 14. PERMIT NO.  | 3003.4   |   | Eddy   | NM                                      |
| 16.   | Charle Appropriate Box To  | Indicate Nature of Notice, Report, or C   | Other Data   |   |
| 10.   | NOTICE OF INTENTION TO:  | SUBSEQ  | QUENT REPORT OF:   |   |
| TEST WATER SHUT-<br>FRACTURE TREAT<br>SHOOT OR ACIDIZE  | OFF PULL OR ALTER CASING MULTIPLE COMPLETE ABANDON®                      | FRACTURE TREATMENT SHOOTING OR ACIDIZING  | REPAIRING W<br>ALTERING CA<br>ABANDONMEN                 | ASING X                                 |
| REPAIR WELL (Other)                                     | CHANGE PLANS   | (Note: Report result  | ts of multiple completion operation Report and Log for   | ш.,                                     |
| 17. DESCRIBE PROPOSED proposed work. nent to this work. | II Well is directionally direct  | e all pertinent details, and give pertinent dates<br>bourface locations and measured and true vertine | 3, including estimated dat<br>cal depths for all markers | e or starting any<br>s and zones perti- |

07-07-81

Set 496' of 20" 94# H-40 Buttress STC csg. Cemented with 625 sx Halco Lite with 2% CaCl. Tailed in with 300 sx Class "C" cement with 2% CaCl. Plugged down at 3:30 pm. Cement did not circulate. WOC 6 hrs. Ran temperature survey. Top of cement at 180'. Ran 1" pipe between 30" and 20" casing. Tagged cement at 189'. Pumped 450 sx Class "C" cement through 1" pipe. Brought back to surface. Plugged down at 11:30 pm, 07-07-81.

ACCIPTED FOR RECORD ROCER A. CHAPMAN JUL 5 4981



| (U.S. GEOLOOK AL SURVI   |                            |               |
|--|----------------------------|---------------|
| SIGNED   | TITLE Production Secretary | DATE 07-08-81 |
| This space for Federal or State office use)  APPROVED BY CONDITIONS OF APPROVAL, IF ANY: | TITLE                      | DATE          |

Form 9-331 (May 1963)

# U' TED STATE N.M.O.C.D. COPY DEPARTMENT OF THE INTERIOR (Other Instruction of the Interior (other Instruction of the Interior)

Form approved.

Budget Bureau No. 42-R1424.

LEASE DESIGNATION AND SERIAL NO.

NM 0556291

DATE \_

| SUNDRY NOTICES AND REPORTS ON WELLS  Cho not use this fear for proposals to derive or before any to a differ green the state of a difference or before the state of the state  | GEOLOGICAL SURVEY  |  | NM 0556291                           |
|--|--|--|--------------------------------------|
| ONLY OF PRAINT NO.    Check Appropriate Box To Make Not of Make Box of Make Not  | CUNDRY MOTICES AND REPORTS   | ON WELLS  by by the by the second of the sec | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME |
| Sec. 5-238-29E  A PRENIT NO.  Check Appropriate Box To Indicate Notice, Report, or Other Date Service Prediction of RATER CANNO NOTICE TEAM ATTERIOR OF LAND OF LAND OF RATE AND SON THE CONTRACT OF ARTEST AND SON TO A STEAL AND SON THE CONTRACT OF ARTEST OF ARTEST AND SON TO A STEAL AND SON TO A ST | Use "APPLICATION FOR PERMIT— for suc   | n proposals.   | 7. UNIT AGREEMENT NAME               |
| Carthel Federal  Cibola Energy Corporation  Cibola Energy Corporation  Albuquerque, New Mexico 87625 OFFC:  2  2  100 Marquette NW Albuquerque, New Mexico 87625 OFFC:  2  2030 FNL & 2080 FEL  4. FERMIT NO.  11. BETVATIONS (Show whither DT, NT, OR, CE.)  3003.4 GT.  Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data  NOTICE OF INSTRUMENT TO:  THERE WATER BRUT-OFF  PRACTICE TREAT  MICHIEL COMPLETE  ARABONS.**  CHANGE PLANS  JULIA 7 1981  U.S. GEOLOGICAL SURVEY  ROSWELL NEW MEXICO  TITLE  Production Secretary  DATE  ACCEPTED FOR PECORD  ROSWELL NEW MEXICO  TITLE  Production Secretary  DATE  7-6-81   | OIL GAS V  | 1111 1 9 1001  | :                                    |
| Cibola Energy Corporation  ADDRAGON TO THE ADD | WELL WELL OTHER  |  | l * .                                |
| ACCEPTED FOR RECORD  Locations of Notice and Drilling began reaming the hole with a 26" bit to resume drilling operations with a rotary tool at 6:30 am July 6, 1981.  ACCEPTED FOR RECORD  ACCEPTED F |  |  | Carthel Federal                      |
| 10. FIRED AND FOOL, OR WILDCAY See alone space 17 below.]  2030 FNL & 2080 FEL  4. PRENIT NO.  10. SILVATIONS (Show whether OF, NT. OR. etc.)  3003.4 Gr.  6. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data STREET SHOTOF PLACETER TREAT SHOT OR ACTIFIER COMPLETE CHIPSTON TO:  WATER SHOTOF PLACETER TREAT SHOOT OR ACTIFIER COMPLETE CHIPSTON TO:  TEST WATER SHOTOF PLACETER COMPLETE CHIPSTON TO:  THE WATER SHOTOF PLACETER COMPLETE CHIPSTON TO:  THE THAT ARABODA'S (CHAPTER CHIPSTON TO:  THE THAT WATER SHOTOF PLACETER CHIPSTON TO:  THE THAT WATER SHOTOF CHIPSTON TO:  THE THAT WATER SHOTOF CHIPSTON TO:  THE THAT WATER SHOTOF SHOW THE CASINO PRACTICE CHIPSTON TO:  THE THAT WATER SHOTOF CHI |  | ADMON COMO   | 1                                    |
| DIATION OF NELL (Hepot I location clearly and in accordance with any State requirement."   No.   | 1005 Marquette NW Albuquerque, New Me  |  |                                      |
| 2030 FNL & 2080 FEL  4. FERMIT NO.  15. ELEVATIONS (Show whether DF, NI, CR. etc.)  3003.4 GT.  6. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data  NOTICE OF INTERNION TO:  **STERRORT TREAT**  SHORT THE SHOW-OFF*  PILL OR ALTER CARING SHOW WHITE SHOW ARADON**  REPAIR WELL  (Other)  15. MAYER SHOW-OFF*  PILL OR ALTER CARING SHOW THE TREAT SHOW ARADON AR | LOCATION OF WELL (Report location clearly and in accordance with a             | any State requirements.*   |                                      |
| 2030 FNL & 2080 FEL  4. PERMIT NO.  15. ELEVATIONS (Show whether BF, NI, Ch. etc.)  3003.4 GT.  12. COUNTY OR PARISH 13. STATE Eddy  NM  15. Check Appropriete Box To Indicate Nature of Notice, Report, or Other Data  SCHERGENY REPORT OF:  TEST WATER SHUT-OFF PLL OR ALTER CARNO NUTLIFIES COMPLETE PRACTURE TREATMENT ALTERING CARNO NUTLIFIES COMPLETE PRACTURE TREATMENT ALTERING CARNO (Other)  17. INSCRIPTION PROPOSED OR COMPLETE POPARTICON, (Clearly State all pertitional details, and give pertitional dates, including estimated date of starting near to this work.)  16. ACCEPTED FOR RECORD ROGER A. CHAPMAN  JUL 7 1981  U.S. GEOLOGICAL SURVEY  ROSWELL NEW MEXICO  18. 1 hereby certify that the foregoing is true and correct SIGNED ALL SURVEY ROSWELL, NEW MEXICO  TITLE Production Secretary DATE 7-6-81   | See also space 17 below.) At surface   |  |                                      |
| 4. FERNIT NO.  15. ELEVATIONS (Show whether Dr. NT. GR. etc.)  12. COUNTY OR PARISH 13. STATE Eddy  NM  16.  Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data  SUBSEQUENT REPORT OF:  SUBSEQUENT REPORT OF:  WATER SHUT-OFF FRACTIER TREAT  SHOOT OR ACHIEVE  ARANDON MENT?  SHOOTING OR ACHIEVE  ARANDON MENT?  ARANDON MENT?  (Other)   |  |  | SURVEY OR AREA                       |
| 4. PERMIT NO.  10. LEXATIONS (Show whicher DF, W. GR. etc.)  3003.4 Gr.  Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data  SUBSECTION TO:  RESERVENT REPORT OF:  WATER SHOTOFF PILL OR ALTER CASING WATER SHOTOR TO:  TEST WATER SHOTOFF PILL OR ALTER CASING WATER SHOTOR ALTERING WELL.  ANABON' (Other)  FRACTURE TREAT ALTERING COMPLETE SHOOT ON ALTERING CHANGE PLANS  (Other)  Completion or Recompletion of multiple completion on Well Completion or Recompletion or Well Completion or Recompletion Report and Log form.)  11. DASCRIED PROPOSED OR COMPLETED OPERATIONS. (Clearly establurface locations and measured and true vertical depths for all markers and some next to this work.)  12. COENTY OR PARISHE 13. REPORT DOTS  REPARTING WELL.  ALTERING CASING WATER SHOTOR PROPERTY OF REPORT OF THE ALTERING CASING WATER SHOTOR PROPERTY OF THE ALTERING WATER SHOTOR PROPERTY OF THE ALTERING WATER SHOTOR  | 2030 FNL & 2080 FEL  |  | Sec. 5-23S-29E                       |
| G. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data  **NOTICE OF INTENTION TO:**  **TEST WATER SHUT-OFF**  PRACTER PREAT SHORT-OFF**  PRACTER PREATMENT ALITEING CARING SHOOTING OR ACIDIENG ABANDONMENT**  CHANGE PLANS (Other)  **Charge Plans**  (Other)  **NOTE: Report results of multiple compitation on Well Completion or Recognition Report and Long form.)  IT. DESCRIBE PROPOSED OR COMPLETED OFFRATIONS (Charge Submarface Docations and measured and true vertical depths for all markers and zones near to this work.)*  Julian Ard Drilling began reaming the hole with a 26" bit to resume drilling operations with a rotary tool at 6:30 am July 6, 1981.  **ACCEPTED FOR RECORD ROGGER A. CHAPMAN JUL. 7 1981  U.S. GEOLOGICAL SURVEY ROSWELL, NEW MEXICO  **TITLE**  Production Secretary DATE 7-6-81  **DATE**  **DATE**  TITLE**  Production Secretary DATE**  **DATE**  **TITLE**  Production Secretary DATE**  **DATE**  **TITLE**  Production Secretary DATE**  **DATE**  **TITLE**  **Production Secretary DATE**  **DATE**  **TITLE**  **Production Secretary DATE**  **DATE**  **TITLE**  **Production Secretary DATE**  **PARTY DATE**  **PARTY DATE**  **PARTY DATE**  **PRACTER PREATMENT ALITERING REPORT OF:  **CHAPMAN ALITERING CARING MEXICO**  **NOTICE PREATMENT ALITERING CARING MEXICO**  **NOTICE REPARTY OF ALITERING CARING MEXICO**  **NOTICE PREATMENT ALITERING CARI | Cham which   | or DE RT GR. etc.)   | 12. COUNTY OR PARISH 13. STATE       |
| Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data  NOTICE OF INTENTION TO:  TEST WATER SHUT-OFF PRACTURE TREAT SHOOT OR ACIDITE REPAIR WELL ABANDON' (Other)  TO ASSESSMEND PRINTS CHANGE PLANS (Other)  TO ASSESMEND PRINTS ALTERISE CASING ANALOGMENT ALTERISE CASING ALTERISE CASING ANALOGMENT ALTERISE CASING ALTERISE CASING ANALOGMENT ALTERISE CASING ALTERISC CASIN | 4. PERMIT NO.  | . 2.,,,  | Eddy NM                              |
| NOTICE OF INTENTION TO:  TERT WATER SHOT-OFF PRACTURE TREAT SHOOT OR ACIDIZE (Other)  |  |  | NI D                                 |
| NOTICE OF INTESTION TO  THEST WATER SHUT-OFF PRACTIBE TREAT SHOOT OF ACIDIZE SHOOT OF ACIDI | 6. Check Appropriate Box To Indicate   |  |                                      |
| PRACTURE TREAT  PRACTURE TREAT  SHOOT OR ACHIEF  BEPAIR WELL  (Other)  COMPETED OF COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent details, and give pertinent details, and give pertinent details and give pertinent details, including estimated date of starting proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones near to this work.)  Julian Ard Drilling began reaming the hole with a 26" bit to resume drilling operations with a rotary tool at 6:30 am July 6, 1981.  ACCEPTED FOR RECORD ROGER A. CHAPMAN  JUL. 7 1981  U.S. GEOLOGICAL SURVEY ROSWELL, NEW MEXICO  18. 1 hereby certify that the foregoing is true and correct SIGNED GAU GUALLS  TITLE Production Secretary  DATE 7-6-81   | NOTICE OF INTENTION TO:  | SUBSEQU  | CENT REPORT OF:                      |
| PRACTURE TREAT SHOOT OR ACIDIZE BEFAIR WELL CHANGE PLANS  | PULL OF ALTER CASING   | WATER SHUT-OFF   | REPAIRING WELL                       |
| SHOOT OR ACIDIZE REPAIR WELL CHANGE PLANS CHANGE PLANS CHANGE PLANS CONTE Report results of multiple completion on Well Completion or results of multiple completion of recompletion on Well Completion or results of multiple completion of recompletion of re | TEST WATER SHOT OF   | FRACTURE TREATMENT   | ALTERING CASING                      |
| REPAIR WELL  (Other)  | PRACTURE TRUE  | SHOOTING OR ACIDIZING  |                                      |
| Other)  Other)  Other of the proposed of completing of completing state all pertinent details, and give pertinent dates, including estimated date of starting proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and sones near to this work.)  Julian Ard Drilling began reaming the hole with a 26" bit to resume drilling operations with a rotary tool at 6:30 am July 6, 1981.  ACCEPTED FOR RECORD ROGER A. CHAPMAN  JUL. 7 1981  U.S. GEOLOGICAL SURVEY ROSWELL, NEW MEXICO  18. I hereby certify that the foregoing is true and correct SIGNED GALL GLAPPED Production Secretary  Production Secretary  DATE  7-6-81   | SHOOT OR MEDICAL   | (Other)  |                                      |
| DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated and order proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and somes per proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and somes per proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and somes proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and somes proposed and true vertical depths for all markers and somes proposed and true vertical depths for all markers and somes proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and somes proposed and true vertical depths for all markers and somes proposed and true vertical depths for all markers and somes proposed and true vertical depths for all markers and somes proposed and true vertical depths for all markers and somes proposed and true vertical depths for all markers and somes proposed and true vertical depths for all markers and somes proposed and true vertical depths for all markers and somes proposed and true vertical depths for all markers and somes proposed and true vertical depths for all markers and somes proposed and true vertical depths for all markers and some proposed and true vertical depths for all markers and some proposed and true vertical depths for all markers and some proposed and true vertical depths for all markers and some proposed and true vertical depths for all markers and some proposed and true vertical depths for all markers and some proposed and true vertical depths for all markers and some proposed and true vertical depths for all markers and some proposed and true vertical depths and true vertical depths for all markers  |  | Completion or Recomp   | letion Report and Dok torm.)         |
| ACCEPTED FOR RECORD ROGER A. CHAPMAN  JUL. 7 1981  U.S. GEOLOGICAL SURVEY ROSWELL, NEW MEXICO  18. I hereby certify that the foregoing is true and correct SIGNED Gallery  TITLE  Production Secretary  DATE 7-6-81  | Julian Ard Drilling began reaming the hoperations with a rotary tool at 6:30 a | nole with a 26" bit to rum July 6, 1981.   | esume drilling                       |
| ROGER A. CHAPMAN  JUL. 7 1981  U.S. GEOLOGICAL SURVEY ROSWELL, NEW MEXICO  18. I hereby certify that the foregoing is true and correct SIGNED Qually  TITLE Production Secretary  DATE 7-6-81  |  |  |                                      |
| U.S. GEOLOGICAL SURVEY ROSWELL, NEW MEXICO  18. I hereby certify that the foregoing is true and correct SIGNED Qui Gualle TITLE Production Secretary  DATE 7-6-81  |  |  | and somewhite                        |
| U.S. GEOLOGICAL SURVEY ROSWELL, NEW MEXICO  18. I hereby certify that the foregoing is true and correct SIGNED Gull Gulls TITLE Production Secretary DATE 7-6-81   | 1111 7 1051  |  | EFFWENT                              |
| ROSWELL, NEW MEXICO  18. I hereby certify that the foregoing is true and correct  SIGNED Qually TITLE Production Secretary DATE 7-6-81   | JUL. 1 1301  | ان والنسطة والعالم في المراقبة<br>المستخدم المتحدد المان المراقبة  |                                      |
| ROSWELL, NEW MEXICO  18. I hereby certify that the foregoing is true and correct  SIGNED Qually TITLE Production Secretary DATE 7-6-81   | LIC OF OLOGICAL SUDVEY   | 167 HH   | <b>二7</b> 1981                       |
| 18. I hereby certify that the foregoing is true and correct  SIGNED — Gul Gull TITLE Production Secretary DATE 7-6-81  |  |  |                                      |
| SIGNED GULLL Production Secretary DATE 7-0-81  | ROSWELL, NEW MEXICO  |  | 基本大等 <sub>人。</sub> 1997年             |
| SIGNED GULLLE Production Secretary DATE 7-0-81   |  |  |                                      |
| SIGNED GALLS TITLE FINDUCTION SECTEMENT DATE   | 18. I hereby certify that the foregoing is true and correct                    | Deadwation Coaratary   | 7-6-81                               |
|  | SIGNED GOLDES TITLE  | rroduction secretary   | DATE                                 |
| tent to the Poderni or State office 11861  | <b>,</b> )   |  |                                      |

TITLE \_

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|   | Max | 1963    | 1 |

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# UPTED STATES O.C.D. SUCOPH TRI. CATE-DEPARTME OF THE INTERIOR verse side)

|       |       | approv<br>Burea |     | o. 42- | R142 |
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| LEASE | DESIG | COLTA           | AND | SERIAL | NO   |

NM 0556291

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| (a+()) | OGIC. | AL DI | JRVEI |

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|---|-------|---|------|-----|------|---|---|-------|----------|------------|---------------|---|---|------------|-----|---|---|
|   | <br>_ |   |      | . ~ | <br> | _ |   | <br>_ | <b>D</b> | <b>-</b> n | $\overline{}$ | ח | - | <b>~</b> L | . 1 | ١ |   |

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.

| <br> | <br> |  |
|------|------|--|

6. IF INDIAN. ALLOTTEE OR TRIBE NAME

|    | Use "APPLICATION FOR PERMIT—"  | for such proposais.)      | 7,000,014,50    | <b></b>              |                 |
|----|--|---------------------------|-----------------|----------------------|-----------------|
| 1. | OIL X GAS OTHER  |                           | IUN 0 6 100     | 7. UNIT AGREEMENT NA |                 |
| ž. | NAME OF OPERATOR   |                           | 961 92 AIOC     | S. PARM OR LEASE NAM | iE A            |
|    | CIBOLA ENERGY CORPORATION /  |                           | 6°5 C1 -        | Carthel Fede         | ral Com         |
| 3. | ADDRESS OF OPERATOR  |                           | U. C. D.        | 9. WELL NO.          |                 |
| •  | 1005 Marquette NW Albuquerque,   | NM 87102                  | ARTESIA, OFFICE |                      |                 |
| 4. | LOCATION OF WELL (Report location clearly and in accordance<br>See also space 17 below.)<br>At surface | with any State requir     | ements.*        | Wildcat Mc           |                 |
|    | 2030 FNL & 2080 FEL  |                           |                 | Sec. 5-23S-2         |                 |
| 14 | t. PERMIT NO.  | whether DF, RT, GR, etc.) |                 | 12. COUNTY OR PARISH | 13. STATE<br>NM |

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

| NOTICE OF INTENTION TO: |  |                      |          | SUBSEQUENT REPORT OF:                                |   |  |  |  |
|-------------------------|--|----------------------|----------|--|---|--|--|--|
|                         |  | PULL OR ALTER CASING |          | WATER SHUT-OFF                                       | REPAIRING WELL  |  |  |  |
| TEST WATER SHUT-OFF     |  |                      | '        |  | ALTERING CASING   |  |  |  |
| FRACTURE TREAT          |  | MULTIPLE COMPLETE    |          | FRACTURE TREATMENT                                   | ABANDONMENT*  |  |  |  |
| SHOOT OR ACIDIZE        |  | ABANDON*             |          | SHOOTING OR ACIDIZING                                | <del></del>   |  |  |  |
| REPAIR WELL             |  | CHANGE PLANS         |          | (Other) <u>Commence dri</u> (Note: Report results of | multiple completion on Well<br>on Report and Log form.) |  |  |  |
| (Other)                 |  |                      | <u>'</u> | Completion of Intermeter                             | <u> </u>  |  |  |  |

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) •

Abbott Brothers spudded the Carthel Federal #2 at 10:30 am on June 17, 1981. Set 30' of conductor pipe. Continuing to drill a 20" hole.

> U.S. GEOLOGICAL SURVEY ROSWELL, NEW MEXICO

| SIGNED             | t the foregoing is true and correct         | TITLE Production Secretary   | DATE 6-22-81 |
|--------------------|---|------------------------------|--------------|
| (This space for Fe | eral #CSTEPTEDOF ON RECORD ROGER A. CHAPMAN | TITLE                        | DATE         |
| CONDITIONS OF      | APPROVAL, IF ANY:  JUN 27 1981              |                              |              |
|                    | u.s. geological surve                       | Instructions on Reverse Side |              |
|                    | ROSWELL, NEW MEXICO                         |                              |              |

Form 9-331 (May 1963)

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

### U. TED SMANEG. C.D. OOP'S BMIT IN TRI

Other instructi

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) operator name change

CATE\* on re-

ALTERING CASING

X

ABANDONMENT\*

| i | T | Budget | Витев | υ No | . 42-R | 1424 |
|---|---|--------|-------|------|--------|------|
|   |   | DESIGN | ATION | AND  | SERIAL | NO.  |

|     | GEOLOGICAL SURVEY  | NM 0556291                                    |  |  |  |
|-----|--|---|--|--|--|
|     | 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—" for such proposals.) | G. IF INMAN, ACCOUNTS ON THE SAME             |  |  |  |
|     | OIL X GAS JUN 2 9 1981   | 7. UNIT AGREEMENT NAME  S. FARM OR LEASE NAME |  |  |  |
|     | NAME OF OPERATOR CIBOLA ENERGY CORPORATION   | Carthel Federal                               |  |  |  |
|     | ADDRESS OF OPERATOR  1005 Marquette NW Albuquerque, NM 87102   | 9. WELL NO. 2                                 |  |  |  |
|     | LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*<br>See also space 17 below.)<br>At surface   | Wildcat  11. SEC., T., R., M., OE BLK. AND    |  |  |  |
|     | 2030 FNL & 2080 FEL  | Sec. 5-23S-29E                                |  |  |  |
| 14. | PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.) 3003.4 Gr.   | 12. COUNTY OR PARISH 13. STATE NM             |  |  |  |
| 16. | Check Appropriate Box To Indicate Nature of Notice, Report, o  | Other Data                                    |  |  |  |
|     | NOTICE OF INTENTION TO:  | EQUENT REPORT OF:                             |  |  |  |
|     | TEST WATER SHUT-OFF PULL OR ALTER CASING WATER SHUT-OFF  | REPAIRING WELL                                |  |  |  |

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) (Other) 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Coronado Exploration Corp. has changed its name to CIBOLA ENERGY CORPORATION effective immediately.

ABANDON\*

ROSWELL, NEW MEXICO

CHANGE PLANS

OIL & GAS U.S. GEOLOGICAL SURVEY ROSWELL, NEW MEXICO

| 18. I hereby certify that the foregoing is true and correct SIGNED  | TITLE _    | Production        | Secretary | DATE _ | June 22, 1981 |
|---|------------|-------------------|-----------|--------|---------------|
| (This space for rederat or State office use) ACCEPTED FOR RECORD APPROVED BY ROGER A. CHAPMAN CONDITIONS OF APPROVAL, IF ANY: | TITLE _    |                   |           | DATE _ |               |
| JUN 9= 1981   |            | _                 |           |        |               |
| *Se   | e Instruct | ions on Reverse S | Side      |        |               |

### N.M A.C.D. COPY

SUBMIT IN T ICATE. (Other instructions on reverse sic.)

Form approved. Budget Bureau No. 42-R1425.

buiLTED STATES

|   | DEPARTME                               | NT OF THE I                       | NTERIO       | R                    | ,              | 50 -0/5  | 5 - 2338 9<br>FION AND SERIAL NO. | _            |  |
|---|--|-----------------------------------|--------------|----------------------|----------------|--|-----------------------------------|--------------|--|
|   | GEO                                    | LOGICAL SURV                      | EY           |                      |                | NM 0556  |                                   |              |  |
| APPLICATIO  | N FOR PERMI                            | T TO DRILL                        | DEEPEN       | OR PLUG F            | RACK           |  | TTRE OR TRIBE NAME                | _            |  |
| 1a. TYPE OF WORK  |  |                                   |              | <u> </u>             | , telt         |  |                                   |              |  |
|   | IILL K                                 | DEEPEN                            |              | PLUG BA              | ok 🗆           | 7. UNIT AGREEMEN                                 | IT NAME                           | _            |  |
|   | AR OTHER                               |                                   | SINGLE       |                      | LE [           | 8. FARM OR LEAMS                                 | NAME                              | _            |  |
| 2. NAME OF OPERATOR   | WELL & OTHER                           |                                   | ZONE         | LA ZONE              |                |  |                                   | <i>(</i>     |  |
| Coronado  | Exploration                            | Corporation                       | n -          | ···                  |                | 9. WELL NO.                                      | - Federal                         |              |  |
| 3. ADDRESS OF OPERATOR  |  | COIPCIAUI                         | <u> </u>     |                      |                | 2  |                                   |              |  |
| 1007 Marq   | uette, N. W                            | . Albuquero                       | que, Ne      | w Mexico             | 87102          | 10. FIELD AND POO                                | L, OR WILDCAT                     | -            |  |
| 4. LOCATION OF WELL () At surface                               | Report location clearly                | and in accordance wi              | th any State | requirement CEIV     | FD             | Wildcat  | THO -a-                           |              |  |
| 2030' FNL   | and 2080'                              | FEL                               |              |                      | כט             | 11. SEC., T., R., M., OR BLK. AND MURVNY OR AREA |                                   |              |  |
| At proposed prod. zo  |  |                                   |              | JUN 3 0 15           | <u> </u>       | 2  |                                   |              |  |
| 2030 FNL<br>14. DISTANCE IN MILES                               | and 2080'                              | FEL                               | T OFFICES    | 3010                 | <sup>180</sup> | Sec. 5, 7  | Γ23S, R29E                        | _            |  |
|   | ESE of Carl                            |                                   |              | O. C. D.             |                |  | ĺ                                 |              |  |
| 15. DISTANCE FROM PROP  | OEED*                                  | SDAU, NEW I                       | 16. NO. OF   | ACESS ESTANDED       | 17. No. 0      | Eddy   | New Mex                           | <u>1</u> C0  |  |
| LOCATION TO NEARES<br>PROPERTY OR LEASE<br>(Also to nearest dr) | LINE, FT.                              | 660'                              |              | 320.8                | E TO TE        | 320.8  |                                   |              |  |
| 18. DISTANCE FROM PRO   | POSED LOCATIONS                        |                                   | 19. PROPOS   |                      | 20. BOTAL      | RY OR CABLE TOOLS                                |                                   | -            |  |
| OR APPLIED FOR, ON TE   | ORILLING, COMPLETED,<br>IIS LEASE, FT. | *                                 | 13,          | 400'                 | Ro             | tary   |                                   |              |  |
| 21. ELEVATIONS (Show wi   | ether DF, RT, GR, etc.)                |                                   | <del></del>  |                      | ·              | 22. APPROX. DATE                                 | WORK WILL START                   | -            |  |
| 3003.4' G   | L                                      |                                   |              |                      |                | July 20  | 0, 1980                           |              |  |
| 23.   |  | PROPOSED CASIN                    | G AND CE     | MENTING PROGRA       | M              |  |                                   | -            |  |
| SIZE OF HOLE  |  |                                   |              | B FOOT SETTING DEPTH |                |  | QUANTITY OF CEMENT                |              |  |
| 40 <sup>±</sup> ''  | 30"                                    |                                   |              | 30'                  |                | required   |                                   | _            |  |
| 26 ''   | 20''                                   | 94.0                              |              | 500±'                |                | 00 sacks   |                                   |              |  |
| $17\ 1/2$ " $12\ 1/4$ "   | 13 3/8"                                | 54.5 - 6                          | 1            | 2850+                |                | 00 sacks   |                                   |              |  |
| 8 1/2"  | 9 5/8"<br>7"                           | <sup>1</sup> 43.5 - 4<br>29.0 - 3 |              | 10,800-1             |                |  | TO CIRC.                          |              |  |
| 6 1/2"  | 4 1/2"                                 | 13.5                              | 52.0         | 12,300 '<br>13,400 ' |                | 00 sacks (                                       |                                   |              |  |
| -/-   | /-                                     | 10.0                              |              | 10,400               | K              | 25 sacks (<br>ECEIVE                             |                                   | ν <b>Ο</b> , |  |
| Mud Prog  | ram: Exhib                             | it "A" atta                       | ched.        |                      |                | IVE  | <b>ED</b>                         |              |  |
| BOP Equi  |  | ibit "B" at                       |              | l.                   |                | HIRL -   |                                   |              |  |
| Casing T  | esting: Ex                             | hibit "C" a                       | ttache       | ed.                  |                | JUN 5 1980                                       | )                                 |              |  |
|   |  |                                   |              |                      | U. Ş.          | GEULUGICAL SUI<br>ESIA, NEW MEY!                 | •                                 |              |  |
|   | ot dedicate                            |                                   |              |                      | ARTI           | EŞIA, NEW MEXIL                                  | ?VE <u>Y</u>                      |              |  |
| No pwell  | ing withing                            | one mile o                        | of prop      | osed locat           | tion.          | A LICH MEXI                                      | CQ                                |              |  |
| * Corona  | do Carthel                             | Fed No 1                          | narmit       | ted to 3 F           | או יי          | P: loanto  | 1                                 |              |  |
|   | FSL and 1980                           |                                   |              | teu to 5,            | 700 K          | D, IOCALEC                                       | 4                                 |              |  |
|   |  | , 200.                            |              |                      |                |  |                                   |              |  |
| NSL 1203  |  |                                   |              |                      |                |  |                                   |              |  |
| N ABOVE SPACE DESCRIBI  | PROPOSED PROGRAM:                      | If proposal is to deep            | en or plug b | ack, give data on pr | esent produ    | ctive sone and prop                              | osed new productive               | •            |  |
| one. If proposal is to<br>preventer program, if an              | drill or deepen direction              | onally, give pertinent            | data on sub  | surface locations an | d measured     | and true vertical de                             | pths. Give blowout                | ţ            |  |
| 24.   |  | - 1/                              |              | <del></del>          | ·              |  |                                   |              |  |

(Phis space for Federal or State office use) 970 APPROVAL DATE \_\_ APPROVED BY TITLE . DATE ... CONDITIONS OF APPROVAL, IF ANY: