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SWD

10/23/02

JOHN CORBETT  
OIL AND GAS CONSULTING  
P.O. Box 93  
FARMINGTON, NM 87499

October 2, 2002

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William V. Jones, Jr.  
NM Oil Conservation Division  
1220 South St. Francis Drive  
Santa Fe, New Mexico 87505

Subject: Administrative Application of SWD: King Kong Well No. 20  
Section 4, T30N, R17W, NMPM, San Juan County, New Mexico

Dear Mr. Jones:

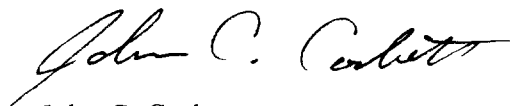
Enclosed please find the original and one copy of the referenced Application to inject produced water into the King Kong #20. The water will be produced from and returned to the Salt Creek Dakota Oil Pool. All producing wells within a two-mile radius belong to J. C. Well Service and produce from the same pool.

Please understand that the well data table includes information from all wells shown on the attached map and not only the Area of Review.

If you have any questions you can contact me at (505) 327-5751.

Very truly yours,

330-

  
John C. Corbett

JCC:vac

Enclosure

Nancy EPA - 5/11/06

# **Administrative Application for Authorization to Inject**

**King Kong #20  
Produced Water Disposal Well  
1650 FSL, 330 FWL  
Sec. 4, T30N, R17W**

**Salt Creek Dakota Oil Field  
San Juan County, New Mexico**

**J. C. Well Service  
P. O Box 51  
Farmington, NM 87499**

**Application for Authorization to Inject**  
**J. C. Well Service**  
**King Kong #20**


- I. **PURPOSE:** To permit the subject well to dispose of produced water. Water will be returned to the formation from which it was drawn, within the field it was produced from. The application qualifies for administrative approval.
  
- II. **OPERATOR:** J. C. Well Service  
**ADDRESS:** P.O. Box 51  
Farmington, NM 87499  
**CONTACT PARTY:** John Cunningham  
**PHONE:** (505) 327-9931
  
- III. **WELL DATA:** Please see the attached Injection Well Data Sheets
  
- IV. Is this an expansion of an existing project? No. However, an adjacent well (the King Kong #5 – also in L-4-30N-17W) was used for water disposal and had been permitted through the NMOCD. That project was authorized as SWD 252.
  
- V. Please refer to the attached maps.
  
- VI. **Well Data Tabulation:** Please see to the attached spreadsheet and wellbore diagrams.
  
- VII. **Data on the Proposed Operation:**
  - 1. Average Daily Injected Volume will be 65 barrels of water. Maximum Daily Injected Volume will be 200 barrels of water.
  - 2. The system will be closed.
  - 3. The average injection pressure is expected to be 55 - 60 psig. The maximum injection pressure is expected to be 190 - 195 psig.
  - 4. Injected fluid will all be produced water from the same formation.
  - 5. Injected water will be from producing wells directly offsetting the injection well in the same formation.
  
- VIII. Please refer to the attached field and reservoir description Salt Creek Dakota Field by Jacobs and Fagrelious in Oil and Gas Fields of the Four Corners, Vol. 2. And the Geologic Report prepared for J. C. Well Service by John Corbett, Petroleum Geologist from Farmington, NM

Application for Authorization to Inject  
J. C. Well Service  
**King Kong #20**

- IX. There is no stimulation proposed for this injection well.
- X. Logs were not run on the King Kong #20 or any of the other Salt Creek Dakota wells when they were drilled.
- XI. There are not fresh water wells within a one-mile radius of the King Kong #20.
- XII. J. C. Well Service retained John Corbett, a petroleum geologist from Farmington, NM to review the proposed injection well and surrounding reservoir. Both Mr. Corbett and J.C. Well Service have examined the available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground sources of water.
- XIII. Please see the attached Proof of Notice Section
- XIV. Certification: I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

Name: John Cunningham

Title: OWNER

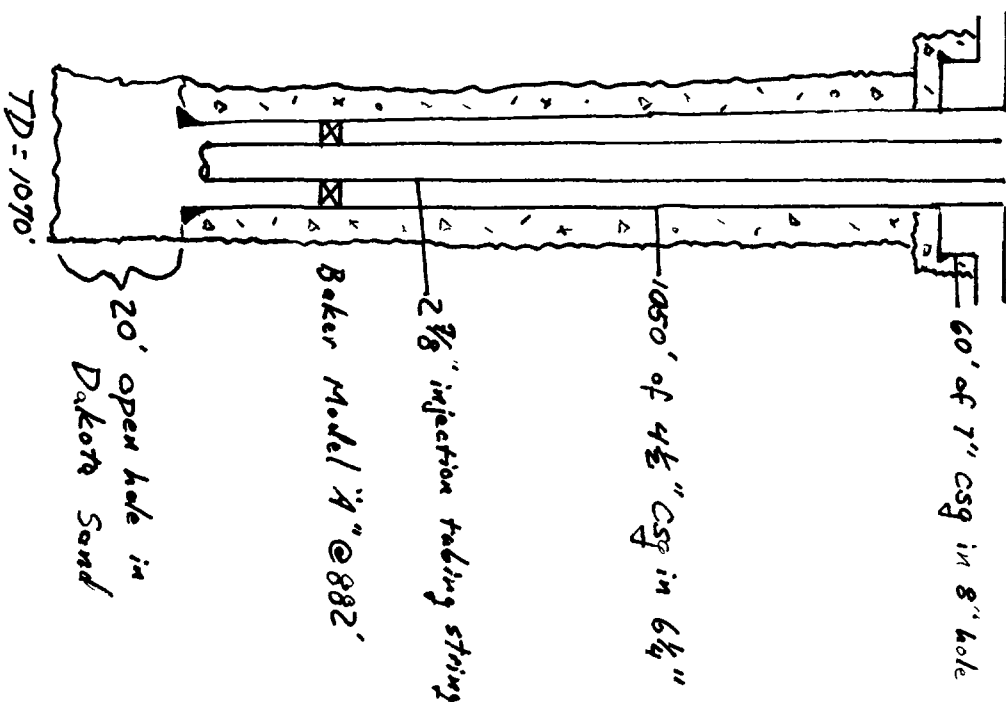
Signature: 

Date: 9-23-02

## INJECTION WELL DATA SHEET

OPERATOR: J. C. Well ServiceWELL NAME & NUMBER: King Kong Well # 20WELL LOCATION: 650' FSL, 330' FWL

FOOTAGE LOCATION

Unit L  
UNIT LETTERSec 4  
SECTIONT30N,  
TOWNSHIPR17W  
RANGEWELLBORE SCHEMATICWELL CONSTRUCTION DATA  
Surface Casing

Hole Size: 8" Casing Size: 7"  
 Cemented with: 20 sx. or          ft<sup>3</sup>  
 Top of Cement: Surface Method Determined: Calculated

Intermediate Casing

Hole Size: 6-1/4" Casing Size: 4-1/2"  
 Cemented with: 70 sx. or          ft<sup>3</sup>  
 Top of Cement: Surface Method Determined: Calculated

Production Casing

Hole Size: 6 1/4" Casing Size: 4 1/2"  
 Cemented with: 70 sx. or          ft<sup>3</sup>  
 Top of Cement: Surface Method Determined: Calculated  
 Total Depth: 1070'

Injection Interval

1050'          feet to 1070' open hole

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEETTubing Size: 2 7/8" Lining Material: NoneType of Packer: Baker Model "A"Packer Setting Depth: 882.02'

Other Type of Tubing/Casing Seal (if applicable): \_\_\_\_\_

Additional Data

1. Is this a new well drilled for injection? \_\_\_\_\_ Yes X No

If no, for what purpose was the well originally drilled? Salt Creek Dakota Field oil producer

2. Name of the Injection Formation: Dakota

3. Name of Field or Pool (if applicable): Salt Creek Dakota

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. No

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: \_\_\_\_\_

No other zones have proved productive.

Application for Authorization to Inject  
Item VI - Well Data Tabulation  
King Kong #20

|    | C               | D        | E        | F   | G   | H   | I  | J       | K                 | N             | O    |
|----|-----------------|----------|----------|-----|-----|-----|----|---------|-------------------|---------------|------|
| 1  | Location        | FTAGE_NS | FTAGE_EW | TWN | RGE | SEC | UL | WELL NO | POOL              | WELL_NAME     | No.  |
| 2  | NM 30N 17W 04 D | 990/N    | 990/W    | 30N | 17W | 04  | D  | 3       | SALT CREEK DAKOTA | NAVAJO C      | 003  |
| 3  | NM 30N 17W 04 E | 2100/N   | 330/W    | 30N | 17W | 04  | E  | 5       | SALT CREEK DAKOTA | NAVAJO C      | 005  |
| 4  | NM 30N 17W 04 E | 1530/N   | 560/W    | 30N | 17W | 04  | E  | 1       | SALT CREEK DAKOTA | NAVAJO C      | 001  |
| 5  | NM 30N 17W 04 E | 1530/N   | 610/W    | 30N | 17W | 04  | E  | 21      | SALT CREEK DAKOTA | KING KONG     | 021  |
| 6  | NM 30N 17W 04 E | 2323/N   | 165/W    | 30N | 17W | 04  | E  | 3       | SALT CREEK DAKOTA | KING KONG     | 003  |
| 7  | NM 30N 17W 04 E | 1485/N   | 800/W    | 30N | 17W | 04  | E  | 6       | SALT CREEK DAKOTA | KING KONG     | 006  |
| 8  | NM 30N 17W 04 E | 1485/N   | 1000/W   | 30N | 17W | 04  | E  | 7       | SALT CREEK DAKOTA | KING KONG     | 007  |
| 9  | NM 30N 17W 04 F | 1970/N   | 1460/W   | 30N | 17W | 04  | F  | 4       | SALT CREEK DAKOTA | NAVAJO C      | 004  |
| 10 | NM 30N 17W 04 F | 1975/N   | 1470/W   | 30N | 17W | 04  | F  | 4X      | SALT CREEK DAKOTA | NAVAJO C      | 004X |
| 11 | NM 30N 17W 04 F | 1660/N   | 1660/W   | 30N | 17W | 04  | F  | 2       | SALT CREEK DAKOTA | NAVAJO C      | 002  |
| 12 | NM 30N 17W 04 F | 2323/N   | 1485/W   | 30N | 17W | 04  | F  | 4       | SALT CREEK DAKOTA | KING KONG     | 004  |
| 13 | NM 30N 17W 04 F | 2170/N   | 2460/W   | 30N | 17W | 04  | F  | 12      | SALT CREEK DAKOTA | KING KONG     | 012  |
| 14 | NM 30N 17W 04 F | 2325/N   | 2470/W   | 30N | 17W | 04  | F  | 13      | SALT CREEK DAKOTA | KING KONG     | 013  |
| 15 | NM 30N 17W 04 G | 2310/N   | 2310/E   | 30N | 17W | 04  | G  | 8       | SALT CREEK DAKOTA | KING KONG     | 008  |
| 16 | NM 30N 17W 04 G | 2310/N   | 1980/E   | 30N | 17W | 04  | G  | 9       | SALT CREEK DAKOTA | KING KONG     | 009  |
| 17 | NM 30N 17W 04 G | 2010/N   | 2310/E   | 30N | 17W | 04  | G  | 10      | SALT CREEK DAKOTA | KING KONG     | 010  |
| 18 | NM 30N 17W 04 G | 2110/N   | 1980/E   | 30N | 17W | 04  | G  | 14      | SALT CREEK DAKOTA | KING KONG     | 014  |
| 19 | NM 30N 17W 04 G | 1810/N   | 1980/E   | 30N | 17W | 04  | G  | 15      | SALT CREEK DAKOTA | KING KONG     | 015  |
| 20 | NM 30N 17W 04 G | 2310/N   | 1580/E   | 30N | 17W | 04  | G  | 17      | SALT CREEK DAKOTA | KING KONG     | 017  |
| 21 | NM 30N 17W 04 G | 2310/N   | 1780/E   | 30N | 17W | 04  | G  | 16      | SALT CREEK DAKOTA | KING KONG     | 016  |
| 22 | NM 30N 17W 04 G | 1480/N   | 1980/E   | 30N | 17W | 04  | G  | 22      | SALT CREEK DAKOTA | KING KONG     | 022  |
| 23 | NM 30N 17W 04 G | 1810/N   | 1640/E   | 30N | 17W | 04  | G  | 23      | SALT CREEK DAKOTA | KING KONG     | 023  |
| 24 | NM 30N 17W 04 G | 1750/N   | 2430/E   | 30N | 17W | 04  | G  | 24      | SALT CREEK DAKOTA | KING KONG     | 024  |
| 25 | NM 30N 17W 04 H | 2300/N   | 330/E    | 30N | 17W | 04  | H  | 5X      | SALT CREEK DAKOTA | NAVAJO A      | 005X |
| 26 | NM 30N 17W 04 H | 2310/N   | 330/E    | 30N | 17W | 04  | H  | 5       | SALT CREEK DAKOTA | NAVAJO A      | 005  |
| 27 | NM 30N 17W 04 J | 2460/S   | 2310/E   | 30N | 17W | 04  | J  | 11      | SALT CREEK DAKOTA | KING KONG     | 011  |
| 28 | NM 30N 17W 04 J | 2470/S   | 1570/E   | 30N | 17W | 04  | J  | 19      | SALT CREEK DAKOTA | KING KONG     | 019  |
| 29 | NM 30N 17W 04 J | 2470/S   | 2010/E   | 30N | 17W | 04  | J  | 18      | SALT CREEK DAKOTA | KING KONG     | 018  |
| 30 | NM 30N 17W 04 K | 2310/S   | 1650/W   | 30N | 17W | 04  | K  | 1       | SALT CREEK DAKOTA | NAVAJO        | 001  |
| 31 | NM 30N 17W 04 K | 2310/S   | 2310/W   | 30N | 17W | 04  | K  | 50      | WC D3; GALLUP     | KING KONG     | 050  |
| 32 | NM 30N 17W 04 L | 1650/S   | 330/W    | 30N | 17W | 04  | L  | 20      | SALT CREEK DAKOTA | KING KONG     | 020  |
| 33 | NM 30N 17W 04 L | 2310/S   | 330/W    | 30N | 17W | 04  | L  | 3       | SALT CREEK DAKOTA | NAVAJO A      | 003  |
| 34 | NM 30N 17W 04 L | 1800/S   | 165/W    | 30N | 17W | 04  | L  | 1       | SALT CREEK DAKOTA | KING KONG     | 001  |
| 35 | NM 30N 17W 04 L | 1800/S   | 182/W    | 30N | 17W | 04  | L  | 1X      | SALT CREEK DAKOTA | KING KONG     | 001X |
| 36 | NM 30N 17W 04 L | 1830/S   | 430/W    | 30N | 17W | 04  | L  | 5       | SALT CREEK DAKOTA | KING KONG     | 005  |
| 37 | NM 30N 17W 04 M | 1155/S   | 165/W    | 30N | 17W | 04  | M  | 2       | SALT CREEK DAKOTA | KING KONG     | 002  |
| 38 | NM 30N 17W 04 O | 990/S    | 2310/E   | 30N | 17W | 04  | O  | 1       | WC D3; GALLUP     | NAVAJO B      | 001  |
| 39 | NM 30N 17W 05 A | 990/N    | 990/E    | 30N | 17W | 05  | A  | 2       | WC D3; GALLUP     | JOELLA        | 002  |
| 40 | NM 30N 17W 05 B | 330/N    | 1650/E   | 30N | 17W | 05  | B  | 1       | SALT CREEK DAKOTA | NAVAJO D      | 001  |
| 41 | NM 30N 17W 05 H | 2310/N   | 330/E    | 30N | 17W | 05  | H  | 2       | SALT CREEK DAKOTA | NAVAJO G      | 002  |
| 42 | NM 30N 17W 05 H | 1730/N   | 280/E    | 30N | 17W | 05  | H  | 1       | WC D3; GALLUP     | JOELLA        | 001  |
| 43 | NM 30N 17W 05 H | 1650/N   | 990/E    | 30N | 17W | 05  | H  | 1X      | WC D3; GALLUP     | JOELLA        | 001X |
| 44 | NM 30N 17W 05 H | 1530/N   | 330/E    | 30N | 17W | 05  | H  | 1       | SALT CREEK DAKOTA | NAVAJO G      | 001  |
| 45 | NM 30N 17W 05 H | 2310/N   | 430/E    | 30N | 17W | 05  | H  | 2       | SALT CREEK DAKOTA | CLARK KENT    | 002  |
| 46 | NM 30N 17W 05 H | 2310/N   | 530/E    | 30N | 17W | 05  | H  | 3       | SALT CREEK DAKOTA | NAVAJO G      | 003  |
| 47 | NM 30N 17W 05 I | 1980/S   | 330/E    | 30N | 17W | 05  | I  | 1       | SALT CREEK DAKOTA | NAVAJO H      | 001  |
| 48 | NM 30N 17W 05 I | 1880/S   | 165/E    | 30N | 17W | 05  | I  | 1       | SALT CREEK DAKOTA | CLARK KENT    | 001  |
| 49 | NM 30N 17W 05 I | 1650/S   | 330/E    | 30N | 17W | 05  | I  | 4       | SALT CREEK DAKOTA | CLARK KENT    | 004  |
| 50 | NM 30N 17W 05 J | 1625/N   | 1650/W   | 30N | 17W | 05  | J  | 1X      | SALT CREEK DAKOTA | CYNTHIA       | 001X |
| 51 | NM 30N 17W 05 M | 900/S    | 900/W    | 30N | 17W | 05  | M  | 5       | SALT CREEK DAKOTA | CLARK KENT    | 005  |
| 52 | NM 30N 17W 05 P | 660/S    | 660/E    | 30N | 17W | 05  | P  | 740     | WC D3; ENTRADA    | NAVAJO TRIBAL | 740  |
| 53 | NM 30N 17W 05 P | 700/S    | 660/E    | 30N | 17W | 05  | P  | 1       | SALT CREEK DAKOTA | NAVAJO TRIBAL | 001  |
| 54 | NM 30N 17W 08 B | 330/N    | 2310/E   | 30N | 17W | 08  | B  | 1       | SALT CREEK DAKOTA | PRICE BAYLESS | 001  |
| 55 | NM 30N 17W 08 E | 1650/N   | 990/W    | 30N | 17W | 08  | E  | 1       | SALT CREEK DAKOTA | MOLLY E       | 001  |
| 56 | NM 30N 17W 08 O | 330/S    | 1650/E   | 30N | 17W | 08  | O  | 1       | SALT CREEK DAKOTA | BRENDA        | 001  |
| 57 | NM 30N 17W 09 C | 165/N    | 2475/W   | 30N | 17W | 09  | C  | 1       | SALT CREEK DAKOTA | HERCULES      | 001  |
| 58 | NM 30N 17W 09 G | 2310/N   | 2310/E   | 30N | 17W | 09  | G  | 1       | SALT CREEK DAKOTA | NAVAJO 29     | 001  |
| 59 | NM 30N 17W 09 N | 990/S    | 2310/W   | 30N | 17W | 09  | N  | 2       | SALT CREEK DAKOTA | NAVAJO 29     | 002  |

Application for Authorization to Inject  
Item VI - Well Data Tabulation  
King Kong #20

|    | P      | Q          | R             | U        | V        | W    | X     | Y     | Z      | AA     | AB    | AC     | AD         |
|----|--------|------------|---------------|----------|----------|------|-------|-------|--------|--------|-------|--------|------------|
| 1  | STATUS | PA<br>DATE | DATE<br>APPRV | SPUD     | COMPL    | TD   | PB    | CSG_1 | CSG_1Q | CSG_1D | CSG_2 | CSG_2Q | CSG_2D     |
| 2  | DA     | 9/25/59    | 8/25/59       | 8/21/59  | 8/30/59  | 1074 | 7     | 44    | 15     | sx     |       |        |            |
| 3  | DA     | 10/9/59    | 10/8/59       | 10/6/59  | 10/9/59  | 1120 | 7     | 60    | 20     | sx     |       |        |            |
| 4  | JA     | 7/11/58    | 7/1/58        | 6/27/58  | 7/11/58  | 1044 | 7     | 52    | 6      | sx     |       |        |            |
| 5  | PA     | 9/2/92     | 7/16/58       | 7/15/58  | 7/21/58  | 1040 | 7     | 90    | 25     | sx     | 4 1/2 | 1039   | 90 sx      |
| 6  | DA     | 3/30/99    |               | 1/25/68  | 1/28/68  | 1063 | 1063  | 7     | 10     | 2      | sx    | 4 1/2  | 1048 75 sx |
| 7  | DA     | 6/3/92     | 3/7/69        | 3/9/69   | 3/12/69  | 1066 | 7     | 10    | 5      | sx     | 4 1/2 | 1028   | 75 sx      |
| 8  | DA     | 9/23/70    | 3/17/69       | 3/12/69  | 3/13/69  | 1075 | 7     | 10    | 2      | sx     |       |        |            |
| 9  | DA     | 3/9/61     | 11/18/59      | 9/24/59  | 9/27/59  | 1087 | 7     | 60    | 20     | sx     | 4 1/2 | 1087   | 40 sx      |
| 10 | DA     | 3/2/63     | 3/14/61       |          |          |      |       |       |        |        |       |        |            |
| 11 | DA     | 4/21/67    |               | 7/25/58  | 7/29/58  | 1084 | 7     | 95    | 25     | sx     | 4 1/2 | 1084   | 100 sx     |
| 12 | DA     | 1/29/68    | 1/26/68       | 1/28/68  | 1/29/68  | 1061 | 7     | 10    | 2      | sx     |       |        |            |
| 13 | DA     | 5/16/79    | 12/9/74       |          |          |      |       |       |        |        |       |        |            |
| 14 | DA     | 5/23/79    | 6/6/75        | 6/11/75  |          | 1062 | 5 1/2 | 30    | 5      | sx     |       |        |            |
| 15 | PA     | 10/10/97   | 3/25/70       | 3/24/70  | 4/2/70   | 1056 | 5 1/2 | 20    | 5      | sx     |       |        |            |
| 16 | PA     | 10/3/97    | 6/18/71       | 6/10/71  | 6/14/71  | 1066 | 1066  | 7     | 28     | sx     |       |        |            |
| 17 | DA     | 6/25/73    | 6/18/71       | 6/15/71  | 6/17/71  | 1081 | 7     | 28    | 2      | sx     |       |        |            |
| 18 | CO     |            | 7/3/75        | 7/7/75   | 7/21/75  | 1070 | 5 1/2 | 30    | 15     | sx     |       |        |            |
| 19 | CO     |            | 7/10/75       | 7/22/75  | 8/8/75   | 1074 | 5 1/2 | 30    | 15     | sx     |       |        |            |
| 20 | DA     | 5/20/79    | 7/11/75       | 2/11/77  |          | 1074 | 5 1/2 | 30    | 15     | sx     |       |        |            |
| 21 | DA     | 5/19/79    | 7/10/75       |          |          |      |       |       |        |        |       |        |            |
| 22 | DA     | 10/14/94   | 8/20/75       | 8/18/75  |          | 1101 | 5 1/2 | 30    | 15     | sx     |       |        |            |
| 23 | DA     | 5/24/79    | 8/28/75       | 11/1/76  |          |      | 6 5/8 | 30    | 15     | sx     |       |        |            |
| 24 | PA     | 10/3/91    | 8/28/75       | 8/27/75  | 10/2/75  | 1050 | 6 5/8 | 30    | 15     | sx     | 2 7/8 | 1050   | 50 sx      |
| 25 | DA     | 5/22/61    | 1/17/61       | 3/20/61  | 5/1/61   | 1085 | 7     | 66    | 25     | sx     |       |        |            |
| 26 | DA     |            |               |          |          |      |       |       |        |        |       |        |            |
| 27 | DA     | 6/25/73    | 6/18/71       | 6/18/75  | 6/21/75  | 1079 | 7     | 28    | 2      | sx     |       |        |            |
| 28 | CO     |            | 7/11/75       |          | 5/29/79  | 1050 | 1050  | OH    |        |        |       |        |            |
| 29 | DA     | 5/22/79    | 7/11/75       | 8/12/75  |          |      | 5 1/2 | 30    | 5      | sx     |       |        |            |
| 30 | DA     | 4/9/56     |               | 3/12/56  | 3/31/56  | 1104 | 499   | 8 5/8 | 92     | 50     | sx    | 5 1/2  | 499 150 sx |
| 31 | PA     | 5/13/92    | 12/5/57       | 11/7/57  | 12/12/57 | 515  | 9 5/8 | 56    | 20     | sx     | 5 1/2 | 515    | 75 sx      |
| 32 | CO     |            | 8/12/59       | 9/10/59  | 9/20/59  | 1069 | 7     | 60    | 20     | sx     |       |        |            |
| 33 | DA     | 11/20/58   | 9/8/58        | 9/2/58   | 9/28/58  | 1220 | 7     | 60    |        |        |       |        |            |
| 34 | PA     | 1/14/68    | 1/12/68       | 1/10/68  | 1/12/68  | 1072 | 5 1/2 | 30    | 5      | sx     | 1     | 1070   | 35 sx      |
| 35 | CO     |            | 1/23/68       | 1/16/68  | 1/20/68  | 1077 | 7     | 10    | 2      | sx     |       |        |            |
| 36 | PA     | 8/26/99    | 3/1/68        | 3/14/68  | 3/17/68  | 1078 | 7     | 10    | 2      | sx     | 4 1/2 | 1064   | 65 sx      |
| 37 | PA     | 1/22/68    | 1/26/68       | 1/20/68  | 1/21/68  | 1097 | 7     | 10    | 2      | sx     |       |        |            |
| 38 | DA     | 3/8/67     | 11/26/57      | 11/27/57 | 12/2/57  | 543  | 103/4 | 31    | 20     | sx     |       |        |            |
| 39 | DA     | 4/21/67    | 11/21/62      | 11/30/62 | 12/1/62  | 649  | 5 1/2 | 632   |        |        |       |        |            |
| 40 | DA     | 10/5/58    | 10/1/58       | 9/28/58  | 10/5/58  | 1255 | 7     | 60    | 20     | sx     |       |        |            |
| 41 | DA     | 4/21/67    | 8/21/58       | 8/9/58   | 8/27/58  | 1093 | 7     | 58    | 25     | sx     | 4 1/2 | 1093   | 100 sx     |
| 42 | DA     | 7/1/62     | 4/26/62       | 4/21/62  | 4/27/62  | 485  | 4 1/2 | 475   | 75     | sx     |       |        |            |
| 43 | DA     | 4/21/67    | 10/8/62       | 10/11/62 | 10/13/62 |      | 5 1/2 | 456   |        |        |       |        |            |
| 44 | DA     | 7/21/58    | 7/17/58       | 7/17/58  | 7/20/58  | 1042 | 7     | 90    | 25     | sx     |       |        |            |
| 45 | DA     | 9/24/70    | 3/1/68        | 3/1/69   | 3/4/69   | 1068 | 7     | 10    | 3      | sx     | 4 1/2 | 1055   |            |
| 46 | PA     | 3/1/67     | 3/11/59       | 3/15/59  | 4/2/59   | 1065 | 7     | 65    | 25     | sx     | 4 1/2 | 1050   | 25 sx      |
| 47 | PA     | 4/21/67    |               |          |          |      |       |       |        |        |       |        |            |
| 48 | CO     |            | 3/1/68        | 2/29/68  | 3/6/68   | 1065 | 7     | 10    | 2      | sx     |       |        |            |
| 49 | CO     |            | 9/2/58        | 8/27/58  | 8/30/58  | 1095 | 1088  | 7     | 59     | 20     | sx    |        |            |
| 50 | DA     | 4/2/61     | 11/14/60      | 11/17/60 | 11/23/60 | 1057 | 5 1/2 | 40    | 20     | sx     |       |        |            |
| 51 | DA     | 9/24/70    | 3/25/70       | 4/7/70   | 4/20/70  | 1138 | 5 1/2 | 17    | 3      | sx     |       |        |            |
| 52 | DA     |            | 8/16/52       |          |          | 1367 | 5 1/2 | 99    |        |        |       |        |            |
| 53 | DA     |            |               |          |          |      |       |       |        |        |       |        |            |
| 54 | DA     | 4/28/61    | 4/4/61        | 4/20/61  | 4/28/61  | 1105 | 7 5/8 | 40    | 20     | sx     | 5 1/2 | 505    |            |
| 55 | DA     | 5/3/61     | 4/4/61        | 4/25/61  | 4/28/61  | 540  | 5 1/2 | 30    | 10     | sx     |       |        |            |
| 56 | DA     | 3/12/61    | 11/22/60      | 1/9/61   | 1/12/61  | 635  | 5 1/2 | 90    | 20     | sx     |       |        |            |
| 57 | DA     | 9/21/70    | 3/18/68       | 5/29/68  | 5/31/68  | 1070 | 7     | 10    | 2      | sx     |       |        |            |
| 58 | DA     | 8/12/60    | 6/9/60        | 6/8/60   | 6/11/60  | 700  |       |       |        |        |       |        |            |
| 59 | DA     | 12/1/60    | 7/20/60       | 7/15/60  | 7/15/60  | 758  |       |       |        |        |       |        |            |



Application for Authorization to Inject  
Item VI - Well Data Tabulation  
King Kong #20

|    | AE    | AF     | AG     | AH     | AI    | AJ        | AK       | AL        | AR  | AU     | AX     |       |
|----|-------|--------|--------|--------|-------|-----------|----------|-----------|-----|--------|--------|-------|
| 1  | CSG 3 | CSG_3Q | CSG_3D | TUBING | T_SET | DEPT      | CSG_PERF | PROD_STIM | IP  | GALLUP | DAKOTA | C_104 |
| 2  |       |        |        |        |       |           |          |           |     | 465    | 1000   |       |
| 3  |       |        |        |        |       |           |          |           |     | 470    | 1048   |       |
| 4  |       |        |        |        |       |           |          |           |     | 445    | 1036   |       |
| 5  |       |        | 2 3/8  | 1021   |       | OH        | NATURAL  | 192 BO/D  | 442 | 1039   | 21398  |       |
| 6  |       |        |        |        |       | 1048-1053 | OH       | TSTM      | 461 | 1049   |        |       |
| 7  |       |        |        |        |       |           |          |           | 445 | 1044   |        |       |
| 8  |       |        |        |        |       |           |          |           | 525 | 1058   |        |       |
| 9  |       |        |        |        |       |           |          |           | 446 | 1025   |        |       |
| 10 |       |        |        |        |       |           |          |           |     |        |        |       |
| 11 |       |        |        |        |       | 1042-60   | SOF      |           | 440 | 1045   |        |       |
| 12 |       |        |        |        |       |           |          |           | 450 | 1059   |        |       |
| 13 |       |        |        |        |       |           |          |           |     |        |        |       |
| 14 |       |        |        |        |       |           |          |           |     |        |        |       |
| 15 | 2 7/8 | 1056   | 25 sx  |        |       | 1050-56   |          | 45 BO/D   | 452 | 1048   |        |       |
| 16 | 4 1/2 | 1061   | 20 sx  | 2 3/4  | 1055  | 1061-1066 |          | 45 BO/D   | 467 | 1064   |        |       |
| 17 |       |        |        |        |       |           |          |           |     |        |        |       |
| 18 | 2 7/8 | 1070   | 50 sx  |        |       |           |          | 3 BOD     |     | 1072   | 30805  |       |
| 19 | 2 7/8 | 1074   | 50 sx  |        |       |           |          | 3 BO/D    |     | 1064   | 30805  |       |
| 20 |       |        |        |        |       |           |          |           |     |        |        |       |
| 21 |       |        |        |        |       |           |          |           |     |        |        |       |
| 22 |       |        |        |        |       |           |          | DRY       |     |        |        |       |
| 23 |       |        |        |        |       |           |          |           |     |        |        |       |
| 24 |       |        |        |        |       | 1015-1030 |          | 1 BO/D    |     |        |        |       |
| 25 |       |        |        |        |       |           |          |           | 487 | 1081   |        |       |
| 26 |       |        |        |        |       |           |          |           |     |        |        |       |
| 27 |       |        |        |        |       |           |          |           |     |        |        |       |
| 28 |       |        | 1 1/2  |        |       | 1015-1030 |          | P 1 BO/D  |     |        |        |       |
| 29 |       |        |        |        |       |           |          |           |     |        |        |       |
| 30 |       |        |        |        |       |           |          |           |     | 1060   | 20530  |       |
| 31 |       |        | 2 3/8  | 489    |       | 472-490   | SOF      | 150 MCF/D | 471 |        | 21188  |       |
| 32 | 4 1/2 | 1064   | 70 sx  | 2 3/8  | 1060  | 1064-1070 |          | 33 BO/D   | 446 | 1025   |        |       |
| 33 |       |        |        |        |       |           |          |           | 476 | 1045   |        |       |
| 34 |       |        |        |        |       |           |          |           | 469 | 1068   |        |       |
| 35 | 4 1/2 | 1052   | 65 sx  | 2 3/8  | 1076  | 1052-77   |          | 33 BO/D   | 475 | 1055   |        |       |
| 36 |       |        |        | 2 3/8  | 1066  | 1075-1078 |          | 54 BO/D   | 480 | 1064   | 24983  |       |
| 37 |       |        |        |        |       |           |          |           | 494 | 1070   |        |       |
| 38 |       |        |        |        |       |           |          |           | 512 |        |        |       |
| 39 |       |        |        |        |       |           |          |           |     |        |        |       |
| 40 |       |        |        |        |       |           |          |           | 632 | 1196   |        |       |
| 41 |       |        |        |        |       | 1068-71   |          |           | 463 | 1057   |        |       |
| 42 |       |        |        |        |       | 442-466   | SOF      |           |     |        |        |       |
| 43 |       |        |        |        |       |           |          |           |     |        |        |       |
| 44 |       |        |        |        |       |           |          |           | 444 | 1040   |        |       |
| 45 |       |        |        |        |       |           |          |           | 464 | 1060   |        |       |
| 46 |       |        |        | 1060   |       | OH1050-65 |          | 24 BO/D   | 475 | 1059   | 21795  |       |
| 47 |       |        |        |        |       |           |          |           |     |        |        |       |
| 48 | 4 1/2 | 1054   | 65 sx  | 2 3/8  | 1064  | 1054-65   |          | 44 BO/D   | 470 | 1047   |        |       |
| 49 | 4 1/2 | 1095   | 100 sx | 1 1/4  | 1069  | 1050-65   | NAT      | 49        | 474 | 1047   |        |       |
| 50 |       |        |        |        |       |           |          |           | 470 | 1040   |        |       |
| 51 |       |        |        |        |       |           |          |           | 442 | 1050   |        |       |
| 52 |       |        |        |        |       |           |          |           |     | 1065   |        |       |
| 53 |       |        |        |        |       |           |          |           |     |        |        |       |
| 54 |       |        |        |        |       |           |          |           | 505 | 1080   |        |       |
| 55 |       |        |        |        |       |           |          |           |     |        |        |       |
| 56 |       |        |        |        |       |           |          |           | 618 |        |        |       |
| 57 |       |        |        |        |       |           |          |           | 570 | 1060   |        |       |
| 58 |       |        |        |        |       |           |          |           | 528 |        |        |       |
| 59 |       |        |        |        |       |           |          |           | 568 |        |        |       |

Application for Authorization to Inject  
Item VI - Well Data Tabulation  
King Kong #20

|    | AY        | AZ    | BA     | BC       | BD    | BE        | BN     |
|----|-----------|-------|--------|----------|-------|-----------|--------|
| 1  | DEVIATION | ACRES | COUNTY | INFILLED | JOINT | ELECT_LOG | OGRID  |
| 2  |           | 40    | SJ     |          |       | NONE      |        |
| 3  |           | 40    | SJ     |          |       | NONE      |        |
| 4  |           | 40    | SJ     |          |       | NONE      |        |
| 5  |           | 40    | SJ     |          |       | NONE      | 004293 |
| 6  |           | 40    | SJ     |          |       |           | 169822 |
| 7  |           | 40    | SJ     |          |       | NONE      | 004293 |
| 8  |           | 40    | SJ     |          |       | NONE      |        |
| 9  |           | 40    | SJ     |          |       | NONE      |        |
| 10 |           |       | SJ     |          |       | NONE      |        |
| 11 |           | 40    | SJ     |          |       | 1         |        |
| 12 |           | 40    | SJ     |          |       | NONE      |        |
| 13 |           | 40    | SJ     |          |       | NONE      |        |
| 14 |           | 40    | SJ     |          |       | NONE      |        |
| 15 | 1/2       | 40    | SJ     |          | #9    |           | 025872 |
| 16 |           | 40    | SJ     |          | #8    |           | 025872 |
| 17 |           | 40    | SJ     |          |       | NONE      |        |
| 18 | 1         | 40    | SJ     |          |       |           | 169822 |
| 19 | 1 1/2     | 40    | SJ     |          |       |           | 169822 |
| 20 |           | 40    | SJ     |          |       | NONE      |        |
| 21 |           | 40    | SJ     |          |       | NONE      |        |
| 22 |           | 40    | SJ     |          |       | NONE      | 025872 |
| 23 |           | 40    | SJ     |          |       | NONE      |        |
| 24 |           | 40    | SJ     |          |       | NONE      | 004293 |
| 25 |           | 40    | SJ     |          |       | NONE      |        |
| 26 |           |       | SJ     |          |       |           |        |
| 27 |           | 40    | SJ     |          |       | NONE      |        |
| 28 |           | 40    | SJ     |          |       |           | 169822 |
| 29 |           | 40    | SJ     |          |       | NONE      |        |
| 30 |           |       | SJ     |          |       | 1         | 083422 |
| 31 |           | 160   | SJ     |          |       | NONE      | 004293 |
| 32 |           | 40    | SJ     |          |       |           | 169822 |
| 33 |           | 40    | SJ     |          |       | 2         |        |
| 34 |           | 40    | SJ     |          |       | NONE      |        |
| 35 | 1         | 40    | SJ     |          | #5    |           | 169822 |
| 36 | 1/2       | 40    | SJ     |          | 1X    |           | 169822 |
| 37 |           | 40    | SJ     |          |       |           |        |
| 38 |           |       | SJ     |          |       | NONE      |        |
| 39 |           | 40    | SJ     |          |       | NONE      |        |
| 40 |           | 40    | SJ     |          |       | 2         |        |
| 41 |           | 40    | SJ     |          |       | 1         |        |
| 42 |           |       | SJ     |          |       | NONE      |        |
| 43 |           | 40    | SJ     |          |       | NONE      |        |
| 44 |           | 40    | SJ     |          |       | NONE      |        |
| 45 |           | 40    | SJ     |          |       |           |        |
| 46 |           | 40    | SJ     |          |       | NONE      |        |
| 47 |           |       | SJ     |          |       |           |        |
| 48 | 3/4       | 40    | SJ     | #4       |       |           | 169822 |
| 49 |           |       | SJ     |          |       |           | 169822 |
| 50 |           | 80    | SJ     |          |       | NONE      | 019418 |
| 51 |           | 40    | SJ     |          |       | NONE      |        |
| 52 |           |       | SJ     |          |       |           |        |
| 53 |           |       | SJ     |          |       |           |        |
| 54 |           |       | SJ     |          |       | NONE      | 019418 |
| 55 |           |       | SJ     |          |       | NONE      | 019418 |
| 56 |           | 40    | SJ     |          |       | NONE      | 019418 |
| 57 |           | 40    | SJ     |          |       | NONE      |        |
| 58 |           | 40    | SJ     |          |       | NONE      |        |
| 59 |           | 40    | SJ     |          |       | NONE      |        |

**J.C. Well Service/Action Oil Company**  
**Wellbore Diagram**  
**Application for SWD: King Kong No. 20**

**Well Name:** Navajo D #1  
**Location:** 330' FNL 1650' FEL  
 Sec. 5, T30N, R17W  
 San Juan County, New Mexico

**Surface Casing**

Hole Size: 9"  
 Casing: 7" 20#  
 Setting Info: 60'

**Production Casing**

Hole Size: 6-1/4" 110'  
 Casing: none  
 Setting Info:  
 Plug back depth:

**Formation Tops**

TD 1260'

**Perforations**

**GLE** 5072'

**KB**

**History**

Spud Date: 9/28/58  
 Original Owner: King Oil Co.  
 IP - BOD  
 IP - MCFD  
 IP - BWD

**Completion Info:**

Waterflow in Dakota  
 Drilled and abandoned

**Current Info:**

Plugged by NMOCD  
 cement plug from TD to 1146'  
 cement plug from 682' to 582'  
 cement plug from 110' to surface  
 set dry hole marker

582'

682'

1146'

1260'

TD = 1260'

**J.C. Well Service/Action Oil Company**  
**Wellbore Diagram**  
**Application for SWD: King Kong No. 20**

**Well Name:** Navajo C #5  
**Location:** 2100' FSL 330' FWL  
 Sec. 4, T30N, R17W  
 San Juan County, New Mexico

**Surface Casing**

Hole Size: \_\_\_\_\_  
 Casing: \_\_\_\_\_  
 Setting Info: \_\_\_\_\_

**Production Casing**

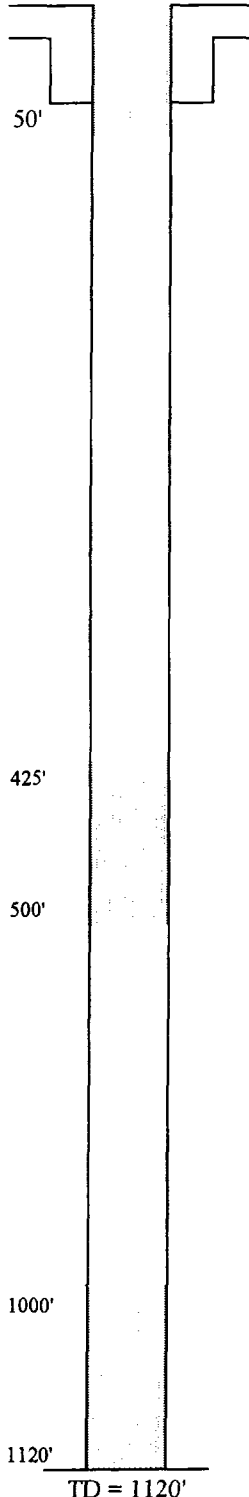
Hole Size: 6-1/2"  
 Casing: none  
 Setting Info: \_\_\_\_\_  
 Plug back depth: \_\_\_\_\_

**Formation Tops**

Gallup 470'  
 Dakota 1048'  
 TD 1120'

**Perforations**

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_



**GLE** 5105'  
**KB**

**History**

Spud Date: 1959  
 Original Owner: King Oil Co.  
 IP - BOD  
 IP - MCFD  
 IP - BWD

**Completion Info:**

Dry hole  
 \_\_\_\_\_  
 \_\_\_\_\_

**Current Info:**

Plugged  
 Cement plug from 1120' to 1000'  
 Cement plug from 500' to 425'  
 Cement plug from 50' to surface'  
 set dry hole marker  
 mud between plugs

**J.C. Well Service/Action Oil Company**  
**Wellbore Diagram**  
**Application for SWD: King Kong No. 20**

**Well Name:** Navajo A #4  
**Location:** 1650' FSL 330' FWL  
 Sec. 4, T30N, R17W  
 San Juan County, New Mexico

**Surface Casing**

Hole Size: 8"  
 Casing: 7"  
 Setting Info: 60' w/ 20 sx

**Production Casing**

Hole Size: 6-1/4"  
 Casing: 4-1/2"  
 Setting Info: 1050'  
 Plug back depth:

**Formation Tops**

Dakota 1060'  
 TD 1070'

**Perforations**

1060' - 70' open hole

**GLE** 5072'

**KB**

**History**

Spud Date: 1959  
 Original Owner: King Oil Co.  
 IP - BOD  
 IP - MCFD  
 IP - BWD

**Completion Info:**

Tested oil  
 Chimney Rock Field  
 Topset Kd sand and drilled out 20'

**Current Info:**

Plugged  
 Cement plug from TD to 1000'  
 10' plug across surface

set dry hole marker

1000'

1070'

TD = 1070'

**J.C. Well Service/Action Oil Company**  
**Wellbore Diagram**  
**Application for SWD: King Kong No. 20**

**Well Name:** King Kong #4  
**Location:** 2323' FNL, 1485' FWL  
Sec. 4, T30N, R17W  
San Juan County, New Mexico

**Surface Casing**

Hole Size: 8-3/4"  
Casing: 7" 20#  
Setting Info: 10' w/ 2 sx

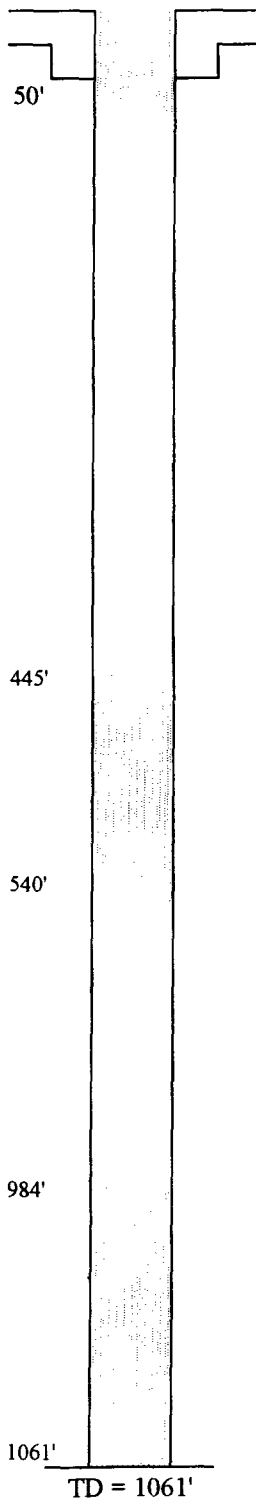
**Production Casing**

Hole Size: 5-5/8"  
Casing: none  
Setting Info:   
Plug back depth:

**Formation Tops**

**Perforations**

1029' - 1066' (Kd) open hole



**GLE** 5059'  
**KB**

**History**

Spud Date: 1/28/68  
Original Owner: Dugan Production co  
IP - BOD  
IP - MCFD  
IP - BWD

**Completion Info:**

Drilled and abandoned  
(Waterflow in Dakota)

**Current Info:**

Plugged 1/29/68  
13 cf plug from 1061' to 984'  
16.5 cf plug from 540' - 445'  
8 cf plug from 50' to surface

J.C. Well Service/Action Oil Company  
Wellbore Diagram  
Application for SWD: King Kong No. 20

**Well Name:** King Kong #9  
**Location:** 2310' FNL 1980' FEL  
Sec. 4, T30N, R17W  
San Juan County, New Mexico

**Surface Casing**

Hole Size: 8-3/4"  
Casing: 7" 20#  
Setting Info: 28' w/ 5 sx

**Production Casing**

Hole Size: 6"  
Casing: 4-1/2" 9.5#  
Setting Info: 1061' w/ 20 sx  
Plug back depth:

**Formation Tops**

Gallup 467'  
Dakota 1064'  
TD 1066'

**Perforations**

1061-66' (open hole)

**GLE** 5100'

**KB**

**History**

Spud Date: 6/10/71  
Original Owner: R. A. Crane, Jr.  
IP - 20 BOD  
IP - MCFD  
IP - 2 BWD

**Completion Info:**

Salt Creek Dakota oil well

**Current Info:**

Plugged 10/1/97  
85 sx top to bottom

TD = 1066'

J.C. Well Service/Action Oil Company  
Wellbore Diagram  
Application for SWD: King Kong No. 20

Well Name: King Kong #8  
Location: 2310' FNL 2310' FEL  
Sec. 4, T30N, R17W  
San Juan County, New Mexico

**Surface Casing**

Hole Size: 7-7/8"  
Casing: 5-1/2" 14#  
Setting Info: 20' w/ 5 sx

**Production Casing**

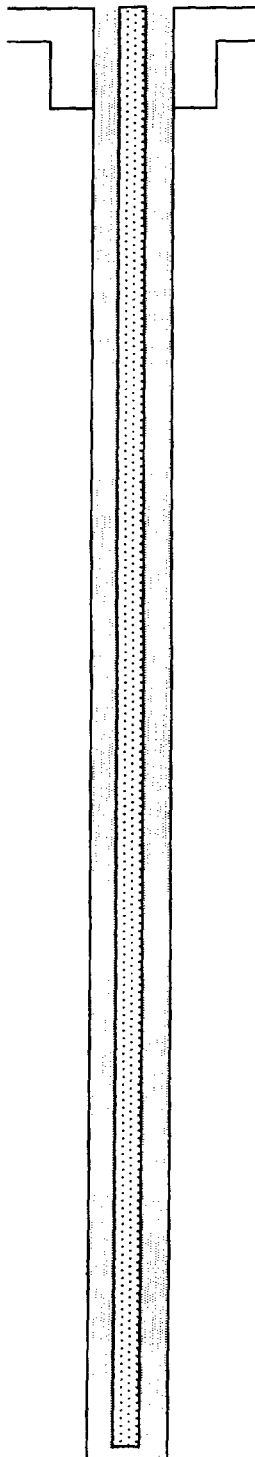
Hole Size: 4-3/4"  
Casing: 2-7/8" 6.5#  
Setting Info: 1056' w/ 25 sx  
Plug back depth:

**Formation Tops**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Perforations**

1050-56' (open hole)  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



GLE 5090'  
KB

**History**

Spud Date: 3/24/70  
Original Owner: R. A. Crane, Jr.  
IP - 45 BOD  
IP - 0 MCFD  
IP - 0 BWD

**Completion Info:**

Salt Creek Dakota oil well  
flowing

**Current Info:**

Plugged 10/10/97 by Action Oil Co.  
ran 1-1/2" inside 2-7/8" and plugged  
from top to bottom.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

TD = 1056'



J.C. Well Service/Action Oil Company  
Wellbore Diagram  
Application for SWD: King Kong No. 20

**Well Name:** King Kong #13  
**Location:** 2325' FNL 2470' FWL  
Sec. 4, T30N, R17W  
San Juan County, New Mexico

**Surface Casing**

Hole Size: 6-1/4"  
Casing: 5-1/2"  
Setting Info: 30' w/ 5 sx

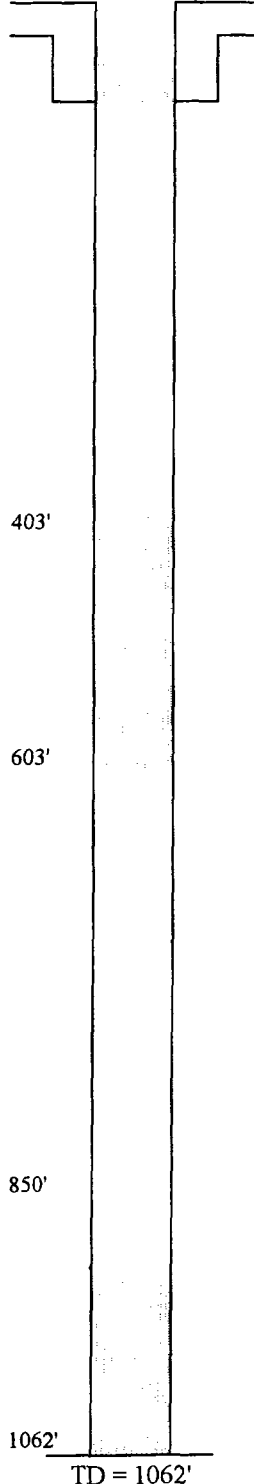
**Production Casing**

Hole Size: 4-3/4"  
Casing: none  
Setting Info:  
Plug back depth:

**Formation Tops**

Gallup 453'  
Dakota 1033'  
TD 1062'

**Perforations**



GLE 5086  
KB

**History**

Spud Date: 6/11/75  
Original Owner: R. A. Crane, Jr.  
IP - BOD  
IP - MCFD  
IP - BWD

**Completion Info:**

Dry Hole

**Current Info:**

Drilled and abandoned  
  
10 sx from 1062' - 850'  
10 sx from 603' - 403'  
Plug across surface  
set dry hole marker

J.C. Well Service/Action Oil Company  
Wellbore Diagram  
Application for SWD: King Kong No. 20

**Well Name:** Navajo C #2  
**Location:** 1660' FNL 1660' FWL  
Sec. 4, T30N, R17W  
San Juan County, New Mexico

**Surface Casing**

Hole Size:  
Casing: 7" 20#  
Setting Info: 102' w/ 35 sx

**Production Casing**

Hole Size:  
Casing: 4-1/2" 9.5#  
Setting Info: 1084' w/ 100 sx  
Plug back depth:

**Formation Tops**

|        | Surface |
|--------|---------|
| Mancos |         |
| Gallup | 440'    |
| Shale  | 477'    |
| Dakota | 1045    |
| TD     | 1084'   |

**Perforations**

|        |             |
|--------|-------------|
| Dakota | 1042' - 72' |
|        |             |
|        |             |
|        |             |
|        |             |
|        |             |

GLE 5082'

KB

**History**

Spud Date: 7/25/58  
Original Owner: King Oil Co.  
IP - BOD  
IP - MCFD  
IP - BWD

**Completion Info:**

Sand oil frac  
Did not recover all frac oil.

**Current Info:**

Plugged  
Cement plug from 1084' to 1000'  
Cement plug across surface  
set dry hole marker

1000'

1084'

TD = 1084'

J.C. Well Service/Action Oil Company  
Wellbore Diagram  
Application for SWD: King Kong No. 20

Well Name: Navajo C #4  
Location: 1970' FNL 1460' FWL  
Sec. 4, T30N, R17W  
San Juan County, New Mexico

**Surface Casing**

Hole Size:  
Casing: 7" 20#  
Setting Info: 60' w/ 20 sx

**Production Casing**

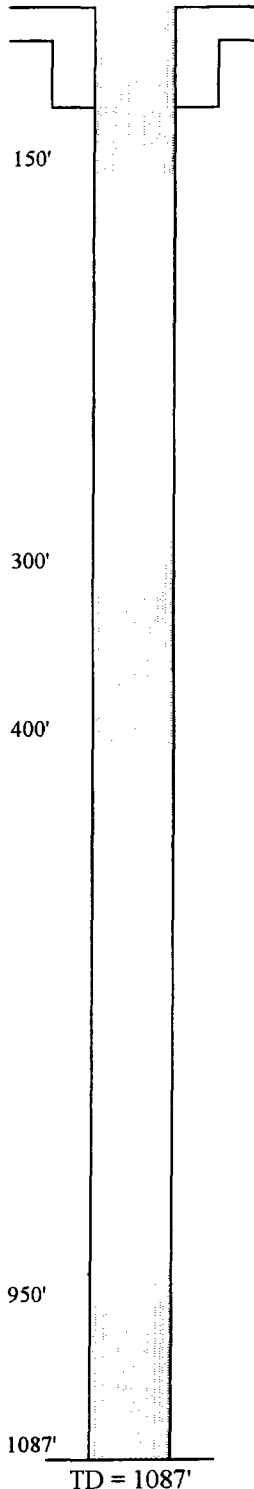
Hole Size: 6-1/2"  
Casing: 4-1/2" 9#  
Setting Info: 1087' w/ 40 sx  
Plug back depth:

**Formation Tops**

Gallup 446'  
Dakota 1025'  
TD 1087'

**Perforations**

1025' - 29' (Kd) 2 spf



GLE 5102'

KB

**History**

Spud Date: 9/24/59  
Original Owner: King Oil Co.  
IP - 0 BOD  
IP - MCFD  
IP - BWD

**Completion Info:**

Tested water, no oil

**Current Info:**

Plugged  
35 sx from 1087' to 950'  
25 sx from 400' to 300'  
Cement plug from 150' to surface  
set dry hole marker

**J.C. Well Service/Action Oil Company**  
**Wellbore Diagram**  
**Application for SWD: King Kong No. 20**

**Well Name:** King Kong #6  
**Location:** 1485' FNL, 600' FWL  
Sec. 4, T30N, R17W  
San Juan County, New Mexico

**Surface Casing**

Hole Size: 8-3/4"  
Casing: 7" 20#  
Setting Info: 10' w/ 5 sx

**Production Casing**

Hole Size: 6-1/4"  
Casing: 4-1/2" 9.5#  
Setting Info: 1028' w/ 75 sx  
Plug back depth:

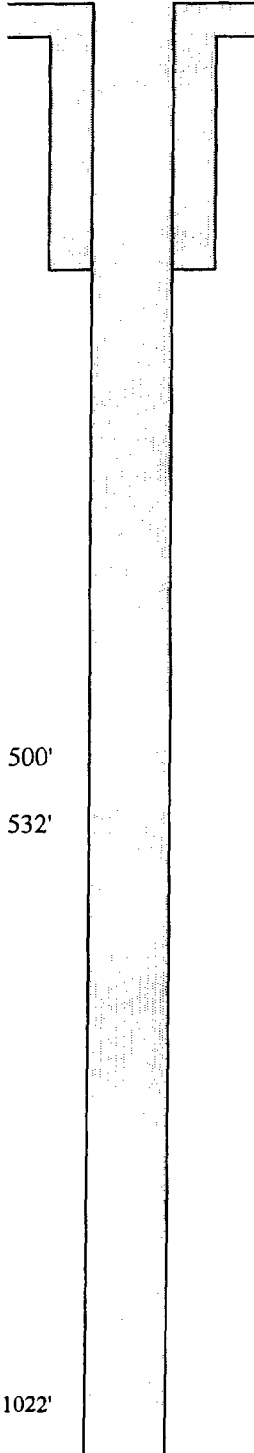
**Formation Tops**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Perforations**

1029' - 1066' (Kd) open hole

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



**GLE** 5069'  
**KB**

**History**

Spud Date: 3/9/69  
Original Owner: Dugan Production co  
IP - 0.5 BOD  
IP - 0 MCFD  
IP - 50 BWD

**Completion Info:**

Salt Creek Dakota oil well

**Current Info:**

Plugged 6/3/92 by Action Oil Co.  
37 sx from 1020' to 532'  
circ. cement from 500' to surface

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\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

J.C. Well Service/Action Oil Company  
Wellbore Diagram  
Application for SWD: King Kong No. 20

Well Name: Navajo #1  
Location: 2310' FSL, 2310' FWL  
Sec. 4, T30N, R17W  
San Juan County, New Mexico

**Surface Casing**

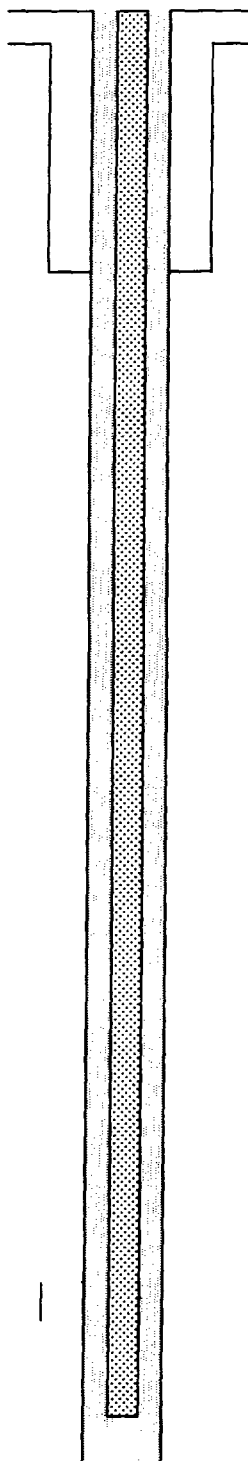
Hole Size:  
Casing: 9-5/8" 32#  
Setting Info: 56' w/ 20 sx

**Production Casing**

Hole Size:  
Casing: 5-1/2" 15#  
Setting Info: 515' w/ 75 sx  
Plug back depth:

Dugan ran 2-3/8" tbg and set @ 489'  
in 10/69. Completed as flowing  
gas well.

**Perforations**



GLE 5103'

KB

**History**

Spud Date: 11/7/57  
Original Owner: King Oil Co.  
Drilled, Produced, Abandoned,  
Re-entered 10/69 - cleaned out to 500'  
Plugged 1992.  
Still plugged

**Completion Info:**

**Current Info:**

Plugged 4/92 by circulating cement  
top to bottom through 2-3/8"  
Cut off csg at surface and welded on  
monument.

TD = 515'

**J.C. Well Service/Action Oil Company**  
**Wellbore Diagram**  
**Application for SWD: King Kong No. 20**

**Well Name:** King Kong #19  
**Location:** 2470' FSL, 1570 FEL  
 Sec. 4, T30N, R17W  
 San Juan County, New Mexico

**Surface Casing**

Hole Size: 7-7/8"  
 Casing: 5-1/2" 14#  
 Setting Info: 30' w/ 5 sx

**Production Casing**

Hole Size: 4-3/4"  
 Casing: 2-7/8" 6.5#  
 Setting Info: 1070' (proposed)  
 Plug back depth:

**Formation Tops**

Dakota sand 1015' to 1030'

**Perforations**

none - open hole completion

**GLE** 5100'

**KB**

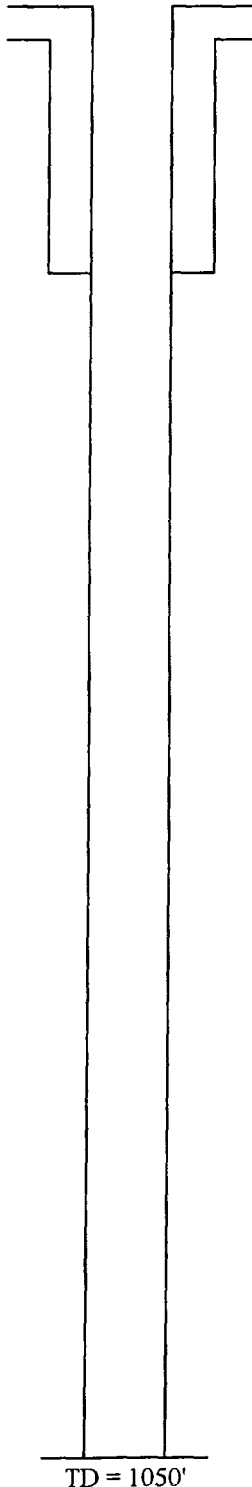
**History**

Spud Date:  
 Original Owner: R. A. Crane, Jr.  
 IP - 1 BOD  
 IP - MCFD  
 IP - 0 BWD

**Completion Info:**

**Current Info:**

Producing Salt Creek Dakota oil well



# J.C. Well Service/Action Oil Company

## Wellbore Diagram

Application for SWD: King Kong No. 20

**Well Name:** King Kong #18  
**Location:** 2470' FSL, 2010' FEL  
 Sec. 4, T30N, R17W  
 San Juan County, New Mexico

### Surface Casing

Hole Size: 7-7/8"  
 Casing: 5-1/2" 14#  
 Setting Info: 30' w/ 5 sx

### Production Casing

Hole Size: 4-3/4"  
 Casing:  
 Setting Info:  
 Plug back depth:

### Formation Tops

Tocito 474'  
 Dakota 1065'  
 TD 1078'

### Perforations

none - open hole completion

374'

574'

900'

1078'

TD = 1078'

**GLE** 5097'

**KB**

### History

Spud Date: 8/12/75  
 Original Owner: R. A. Crane, Jr.  
 IP - BOD  
 IP - MCFD  
 IP - BWD

### Completion Info:

Dry hole

### Current Info:

Plugged and Abandoned  
 20 sx 1078' - 900'  
 20 sx 574' - 374'  
 10 sx at surface  
 installed dry hole marker

|                   |                             |
|-------------------|-----------------------------|
| <b>Well Name:</b> | King Kong #11               |
| <b>Location:</b>  | 2460' FSL, 2310' FEL        |
|                   | Sec. 4, T30N, R17W          |
|                   | San Juan County, New Mexico |

28

375



J.C. Well Service/Action Oil Company  
Wellbore Diagram  
Application for SWD: King Kong No. 20

**Well Name:** King Kong #24  
**Location:** 1750' FNL 2430' FEL  
Sec. 4, T30N, R17W  
San Juan County, New Mexico

**Surface Casing**

Hole Size: 7-7/8"  
Casing: 6-5/8" 16#  
Setting Info: 30' w/ 15 sx

**Production Casing**

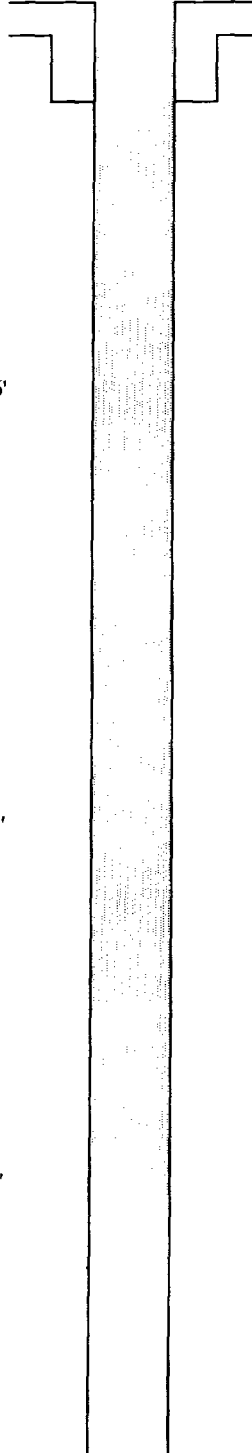
Hole Size: 4-3/4"  
Casing: 2-7/8" 6.5#  
Setting Info: 1050' w/ 50 sx  
Plug back depth:

**Formation Tops**

166'

**Perforations**

1015 - 1030  
  
  
  
  
  
  
393'  
  
  
  
  
  
  
620'



**GLE** 5105'  
**KB**

**History**

Spud Date: 8/27/75  
Original Owner:  
IP - 1 BOD  
IP - 0 MCFD  
IP - 0 BWD

**Completion Info:**

Salt Creek Dakota oil well

**Current Info:**

Plugged and Abandoned 10/3/91  
by Action Oil Co.  
30 sx 620' - 393'  
30 sx 393' - 166'  
30 sx 166' - surface  
installed dry hole marker

J.C. Well Service/Action Oil Company  
Wellbore Diagram  
Application for SWD: King Kong No. 20

**Well Name:** King Kong #10  
**Location:** 2010' FNL 2310' FEL  
Sec. 4, T30N, R17W  
San Juan County, New Mexico

**Surface Casing**

Hole Size: 8-3/4"  
Casing: 7"  
Setting Info: 28' w/ 2 sx

**Production Casing**

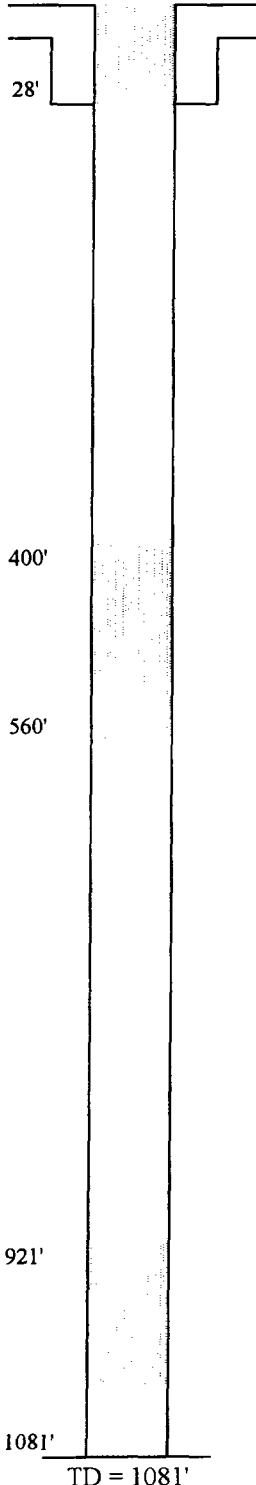
Hole Size: 4-3/4"  
Casing: 2-7/8" 6.5#  
Setting Info: 1050' w/ 50 sx  
Plug back depth:

**Formation Tops**

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\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Perforations**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



**GLE** 5102'

**KB**

**History**

Spud Date: 6/15/71  
Original Owner: R. A. Crane, Jr.  
IP - BOD  
IP - MCFD  
IP - BWD

**Completion Info:**

Dry hole

**Current Info:**

Drilled and Abandoned

20 sx 1081' - 921'  
20 sx 560' - 400'  
plug from 28' to surface  
installed dry hole marker

J.C. Well Service/Action Oil Company

Wellbore Diagram

Application for SWD: King Kong No. 20

Well Name: King Kong #12  
 Location: 2170' FNL 2460' FWL  
 Sec. 4, T30N, R17W  
 San Juan County, New Mexico

**Surface Casing**

Hole Size: 7-7/8"  
 Casing: 5-1/2"  
 Setting Info: 30' w/ 5 sx

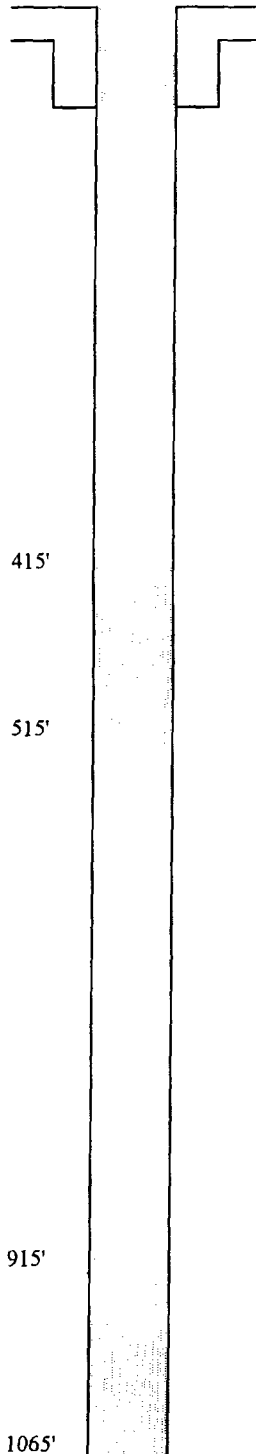
**Production Casing**

Hole Size: 4-3/4"  
 Casing: none  
 Setting Info:  
 Plug back depth:

**Formation Tops**

Tocito 465'  
 Dakota  
 TD 1065'

**Perforations**



GLE 5083'  
 KB

**History**

Spud Date: 5/5/75  
 Original Owner: R. A. Crane, Jr.  
 IP - BOD  
 IP - MCFD  
 IP - BWD

**Completion Info:**

Dry hole

**Current Info:**

Drilled and Abandoned  
  
 10 sx 1065' - 915'  
 10 sx 515' - 415'  
 plug at surface  
 installed dry hole marker

J.C. Well Service/Action Oil Company  
Wellbore Diagram  
Application for SWD: King Kong No. 20

**Well Name:** King Kong #23  
**Location:** 1810' FNL 1640' FEL  
Sec. 4, T30N, R17W  
San Juan County, New Mexico

**Surface Casing**

Hole Size: 7-7/8"  
Casing: 6-5/8"  
Setting Info: 30' w/ 15 sx

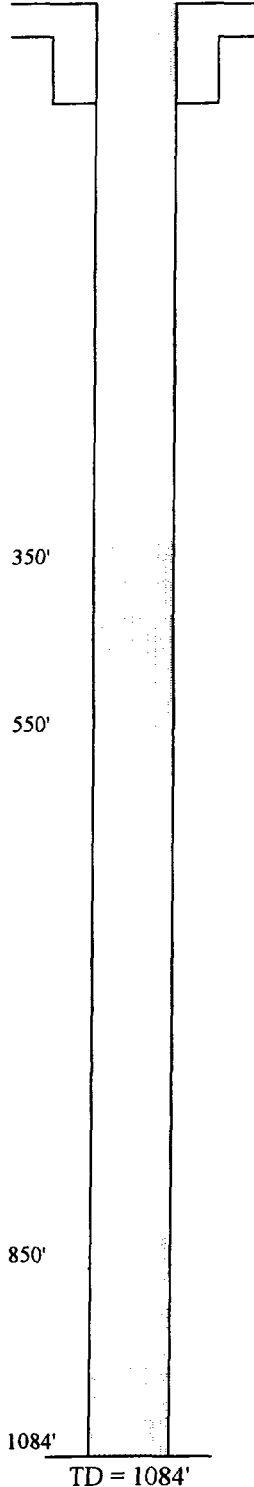
**Production Casing**

Hole Size: 4-3/4"  
Casing: none  
Setting Info:  
Plug back depth:

**Formation Tops**

Gallup 468'  
Sanostee 554'  
Dakota 1055'  
TD 1084'

**Perforations**



**GLE** 5113'

**KB**

**History**

Spud Date: 11/1/76  
Original Owner: R. A. Crane, Jr.  
IP - BOD  
IP - MCFD  
IP - BWD

**Completion Info:**

Dry hole

**Current Info:**

Drilled and Abandoned

20 sx 1084' - 850'

20 sx 550' - 350'

plug at surface

installed dry hole marker

J.C. Well Service/Action Oil Company  
Wellbore Diagram  
Application for SWD: King Kong No. 20

**Well Name:** King Kong #22  
**Location:** 1480' FNL 1980' FEL  
Sec. 4, T30N, R17W  
San Juan County, New Mexico

**Surface Casing**

Hole Size: 6-1/4"  
Casing: 5-1/2"  
Setting Info: 30' w/ 15 sx

**Production Casing**

Hole Size: 4-3/4"  
Casing: none  
Setting Info:  
Plug back depth:

**Formation Tops**

Gallup 506'  
TD 1101'

**Perforations**

**GLE** 5128'

**KB**

**History**

Spud Date: 8/18/75  
Original Owner: R. A. Crane, Jr.  
IP - BOD  
IP - MCFD  
IP - BWD

**Completion Info:**

**Current Info:**

Plugged by Action Well Service  
Filled w/ cement top to bottom  
Set dry hole marker

TD = 1101'

**J.C. Well Service/Action Oil Company**  
**Wellbore Diagram**  
**Application for SWD: King Kong No. 20**

**Well Name:** King Kong #17  
**Location:** 2310' FNL 1580' FEL  
Sec. 4, T30N, R17W  
San Juan County, New Mexico

**Surface Casing**

Hole Size: 6-1/4"  
Casing: 5-1/2"  
Setting Info: 30' w/ 15 sx

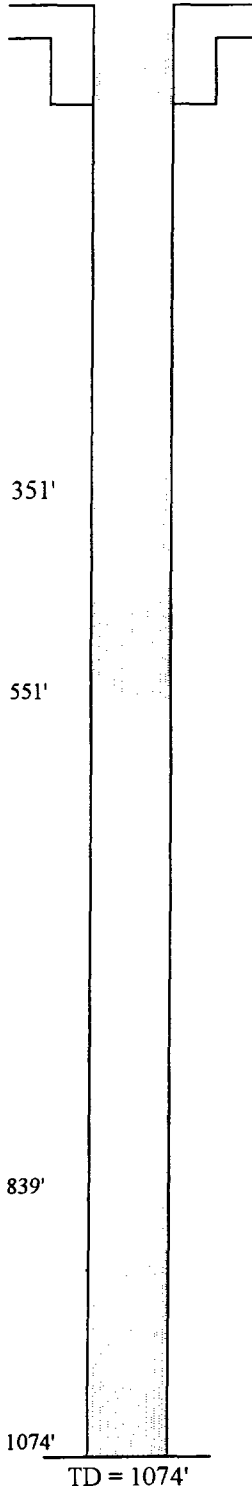
**Production Casing**

Hole Size: 4-3/4"  
Casing: none  
Setting Info:   
Plug back depth:

**Formation Tops**

Gallup 471'  
Dakota 1061'  
TD 1074'

**Perforations**



**GLE** 5106'  
**KB**

**History**

Spud Date: 2/11/77  
Original Owner: R. A. Crane, Jr.  
IP - BOD  
IP - MCFD  
IP - BWD

**Completion Info:**

Dry hole

**Current Info:**

Plugged and abandoned  
Cement plug from 1074' - 839'  
Cement plug from 551' - 351'  
Cement plug at surface  
Set dry hole marker

J.C. Well Service/Action Oil Company  
Wellbore Diagram  
Application for SWD: King Kong No. 20

**Well Name:** King Kong #16  
**Location:** 2310' FNL 1780' FEL  
Sec. 4, T30N, R17W  
San Juan County, New Mexico

**Surface Casing**

Hole Size: 7-7/8"  
Casing: 5-1/2"  
Setting Info: 30' w/ 5 sx

**Production Casing**

Hole Size: 4-3/4"  
Casing: none  
Setting Info:  
Plug back depth:

**Formation Tops**

Gallup 471'  
Dakota 1055'  
TD 1071'

**Perforations**

**GLE** 5103'

**KB**

**History**

Spud Date: 7/14/75  
Original Owner: R. A. Crane, Jr.  
IP - BOD  
IP - MCDF  
IP - BWD

**Completion Info:**

Dry hole

**Current Info:**

Plugged and abandoned  
10 sx from 1071' - 921'  
10 sx from 521' - 421'  
Cement plug at surface  
Set dry hole marker

421'

521'

921'

1071'

TD = 1071'

J.C. Well Service/Action Oil Company  
Wellbore Diagram  
Application for SWD: King Kong No. 20

**Well Name:** King Kong #15  
**Location:** 1810' FNL 1980' FEL  
Sec. 4, T30N, R17W  
San Juan County, New Mexico

**Surface Casing**

Hole Size: 7-7/8"  
Casing: 5-1/2"  
Setting Info: 30' w/ 15 sx

**Production Casing**

Hole Size: 4-3/4"  
Casing: 2-7/8" 6.5#  
Setting Info: 1074' w/ 50 sx  
Plug back depth:

**Formation Tops**

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\_\_\_\_\_

**Perforations**

1072-74' (open hole)  
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\_\_\_\_\_  
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\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**GLE** 5106'  
**KB**

**History**

Spud Date: 7/22/75  
Original Owner: R. A. Crane, Jr.  
IP - 3 BOD  
IP - MCFD  
IP - 0 BWD

**Completion Info:**

Salt Creek Dakota oil well  
\_\_\_\_\_  
\_\_\_\_\_

**Current Info:**

Producing oil well  
J. C. Well Service - operator  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

TD = 1074'



**J.C. Well Service/Action Oil Company**  
**Wellbore Diagram**  
**Application for SWD: King Kong No. 20**

**Well Name:** King Kong #14  
**Location:** 2110' FNL 1980' FEL  
Sec. 4, T30N, R17W  
San Juan County, New Mexico

**Surface Casing**

Hole Size: 7-7/8"  
Casing: 5-1/2" 14#  
Setting Info: 30' w/ 15 sx

**Production Casing**

Hole Size: 4-3/4"  
Casing: 2-7/8" 6.5#  
Setting Info: 1074' w/ 50 sx  
Plug back depth:

**Formation Tops**

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\_\_\_\_\_  
\_\_\_\_\_  
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\_\_\_\_\_

**Perforations**

1064-70' (open hole)  
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\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**GLE** 5102'

**KB**

**History**

Spud Date: 7/7/75  
Original Owner: R. A. Crane, Jr.  
IP - 3 BOD  
IP - MCFD  
IP - 0 BWD

**Completion Info:**

Salt Creek Dakota oil well  
\_\_\_\_\_  
\_\_\_\_\_

**Current Info:**

Producing oil well  
J. C. Well Service - Operator  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

TD = 1070'

**J.C. Well Service/Action Oil Company**  
**Wellbore Diagram**  
**Application for SWD: King Kong No. 20**

**Well Name:** King Kong #2  
**Location:** 1155' FSL, 165' FWL  
Sec. 4, T30N, R17W  
San Juan County, New Mexico

**Surface Casing**

Hole Size: 8-3/4"  
Casing: 10' of 7"  
Setting Info: 2 sx 50'

**Production Casing**

Hole Size: 5-5/8"  
Casing:  
Setting Info:  
Plug back depth:

**Formation Tops**

**Perforations**

None - Tested open hole

**GLE** 5081'

**KB**

**History**

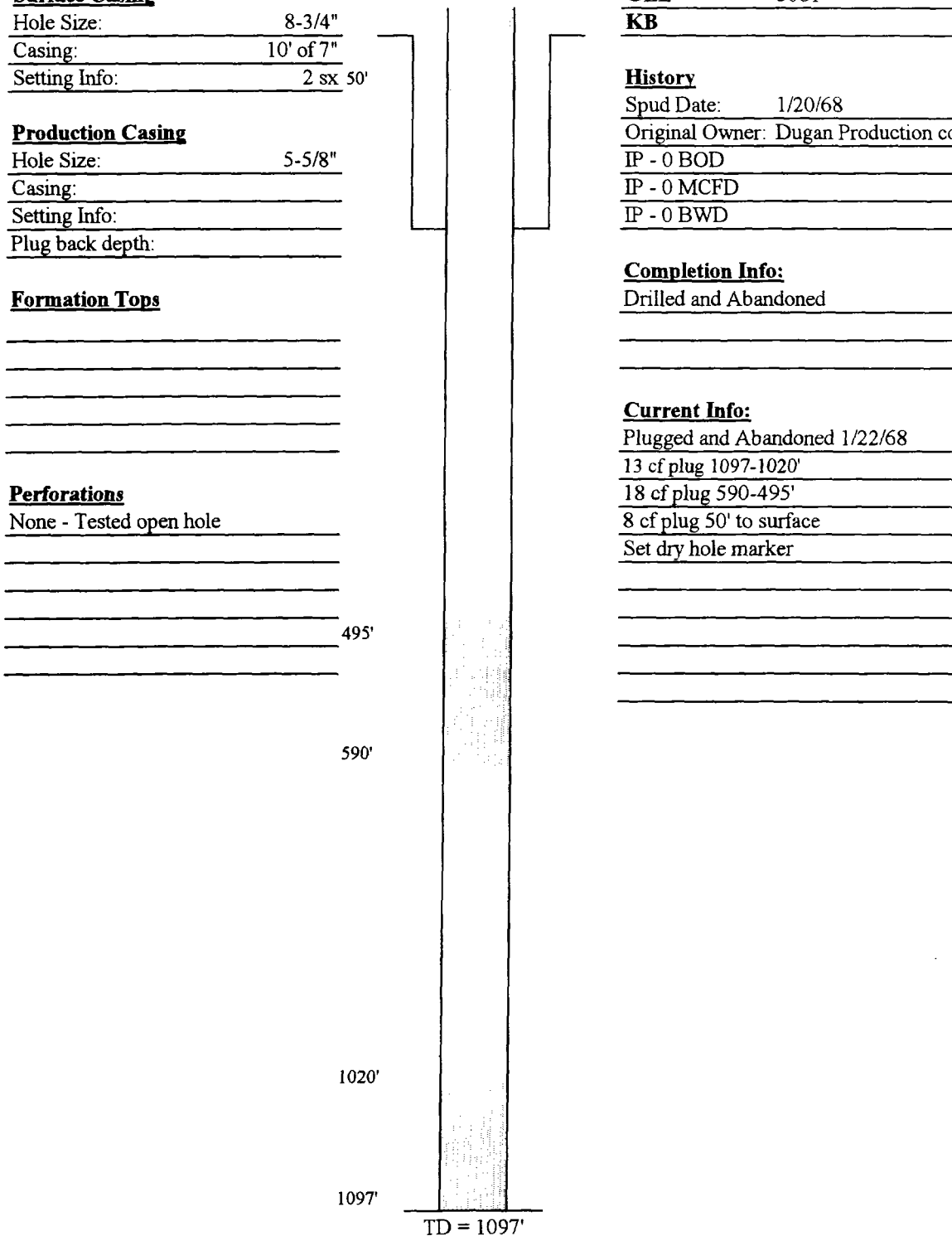
Spud Date: 1/20/68  
Original Owner: Dugan Production co  
IP - 0 BOD  
IP - 0 MCFD  
IP - 0 BWD

**Completion Info:**

Drilled and Abandoned

**Current Info:**

Plugged and Abandoned 1/22/68  
13 cf plug 1097-1020'  
18 cf plug 590-495'  
8 cf plug 50' to surface  
Set dry hole marker



J.C. Well Service/Action Oil Company  
Wellbore Diagram  
Application for SWD: King Kong No. 20

**Well Name:** King Kong #1-X  
**Location:** 1800' FSL, 182' FWL  
Sec. 4, T30N, R17W  
San Juan County, New Mexico

**Surface Casing**

Hole Size: 8-3/4"  
Casing: 10' of 7"  
Setting Info: 2 sx

**Production Casing**

Hole Size: 5-5/8"  
Casing: 4-1/2"  
Setting Info: 1052' w/ 65 sx  
Plug back depth:

**Formation Tops**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Perforations**

None - producing open hole

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**GLE** 5070'

**KB**

**History**

Spud Date: 1/16/68  
Original Owner: Dugan Production cc  
IP - BOD  
IP - MCFD  
IP - BWD

**Completion Info:**

Flowing open hole from Dakota

\_\_\_\_\_  
\_\_\_\_\_

**Current Info:**

Producing oil well  
Salt Creek Dakota Field

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

4-1/2 1052'

TD = 1077'

J.C. Well Service/Action Oil Company  
Wellbore Diagram  
Application for SWD: King Kong No. 20

**Well Name:** King Kong #1  
**Location:** 1800' FSL, 165' FWL  
Sec. 4, T30N, R17W  
San Juan County, New Mexico

**Surface Casing**

Hole Size: 6-3/4"  
Casing: 5-1/2" 14#  
Setting Info: 30' w/ 5 sx

**Production Casing**

Hole Size: 4-3/4"  
Casing: 1" 1.75#  
Setting Info: 1070' w/ 35 sx  
Plug back depth:

**Formation Tops**

Mancos Surface  
Gallup 469'  
Dakota 1068'

**Perforations**

**GLE** 5070'

**KB**

**History**

Spud Date: 1/10/68  
Original Owner: Dugan Production cc  
IP - BOD  
IP - MCFD  
IP - BWD

**Completion Info:**

Drilled and Abandoned

**Current Info:**

Plugged

TD = 1072'

**J.C. Well Service/Action Oil Company**  
**Wellbore Diagram**  
**Application for SWD: King Kong No. 20**

**Well Name:** Navajo #3  
**Location:** 2310' FSL, 330' FWL  
 Sec. 4, T30N, R17W  
 San Juan County, New Mexico

**Surface Casing**

Hole Size: 9" Surface  
 Casing: 7" 50'  
 Setting Info: 60' w/ 20 sx 60'

**Production Casing**

Hole Size: 6-1/2"  
 Casing:  
 Setting Info:  
 Plug back depth:

**Formation Tops**

**Perforations**

None  
  
  
  
  
  
  
  
  
  
400'

500'

1040'

1220'

TD = 1220'

**GLE**

**KB** 5102'

**History**

Spud Date: 9/2/58  
 Original Owner: King Oil Co.  
 IP - BOD  
 IP - MCFD  
 IP - BWD

**Completion Info:**

Drilled and Abandoned

**Current Info:**

Plugged  
 10 sx 1220' - 1040'  
 10 sx 500' - 400'  
 3 sx 60' - 50'  
 2 sx surface

**J.C. Well Service/Action Oil Company**  
**Wellbore Diagram**  
**Application for SWD: King Kong No. 20**

**Well Name:** Navajo #1  
**Location:** 2310' FSL, 1650' FWL  
Sec. 4, T30N, R17W  
San Juan County, New Mexico

**Surface Casing**

Hole Size:  
Casing: 8-5/8" 24#  
Setting Info: 91' w/ 50 sx

**Production Casing**

Hole Size:  
Casing: 5-1/2" 15#  
Setting Info: 499' w/ 150 sx  
Plug back depth:

**Formation Tops**

**Perforations**

462-464'  
468-474'

**GLE**

**KB** 5097'

**History**

Spud Date: 3/12/56  
Original Owner: Late Oil Co.  
IP - BOD  
IP - MCFD  
IP - BWD

**Completion Info:**

Drilled and Abandoned

**Current Info:**

Plugged  
Squeezed cement to shut off water  
then filled hole with mud and welded  
cap on surface.

460'

TD = 499'

**J.C. Well Service/Action Oil Company**  
**Wellbore Diagram**  
**Application for SWD: King Kong No. 20**

**Well Name:** Navajo G-1  
**Location:** 1530' FNL, 330' FEL  
Sec. 5, T30N, R17W  
San Juan County, New Mexico

**Surface Casing**

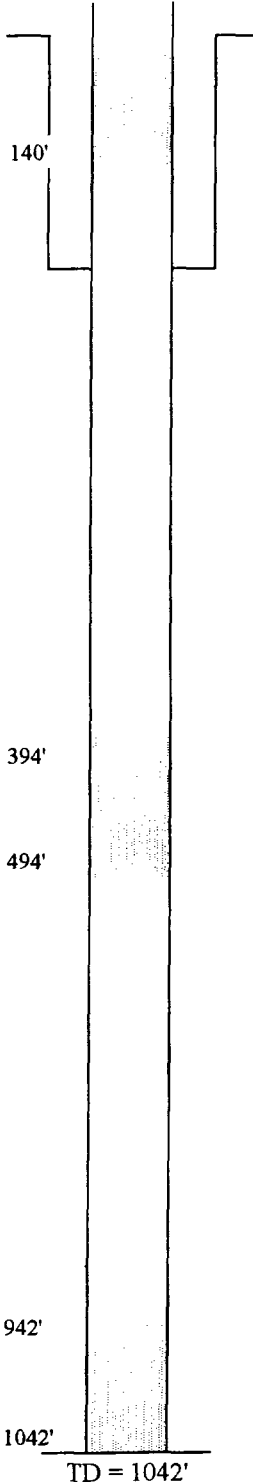
Hole Size: 9"  
Casing: 7" 20# J-55  
Setting Info: 90' w/ 25 sx

**Production Casing**

Hole Size: 6-1/4" to 1042'  
Casing:  
Setting Info:  
Plug back depth:

**Formation Tops**

**Perforations**



**GLE** 5046  
**KB**

**History**

Spud Date: 7/17/58  
Original Owner: King Oil  
IP - BOD  
IP - MCFD  
IP - BWD

**Completion Info:**

Drilled & Abandoned

**Current Info:**

Original P&A reworked  
by NMOCD.

J.C. Well Service/Action Oil Company  
Wellbore Diagram  
Application for SWD: King Kong No. 20

**Well Name:** Joella #2  
**Location:** 990' FNL, 990' FEL  
Sec. 5, T30N, R17W  
San Juan County, New Mexico

**Surface Casing**

Hole Size: \_\_\_\_\_  
Casing: \_\_\_\_\_  
Setting Info: \_\_\_\_\_

**Production Casing**

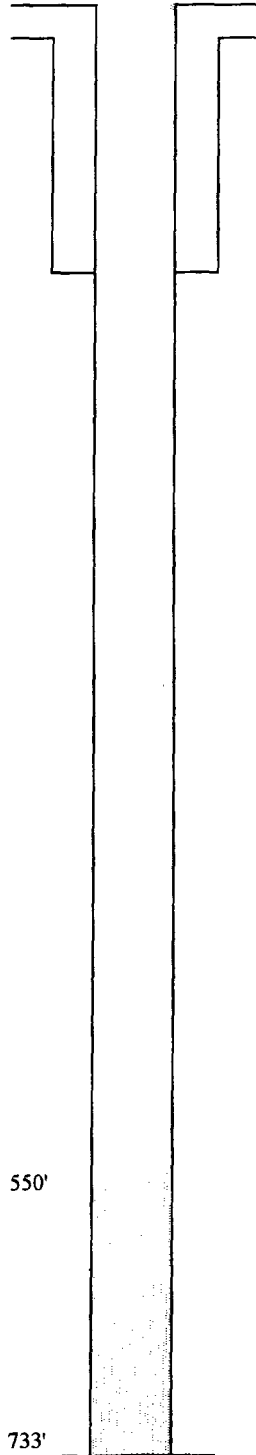
Hole Size: 6-3/4"  
Casing: 5-1/2"  
Setting Info: 632'  
Plug back depth: \_\_\_\_\_

**Formation Tops**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Perforations**

open hole from 632 to 733'  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



**GLE** 5079  
**KB** \_\_\_\_\_

**History**

Spud Date: 11/30/62  
Original Owner: King Oil  
IP - BOD  
IP - MCFD  
IP - BWD

**Completion Info:**

D&A  
\_\_\_\_\_  
\_\_\_\_\_

**Current Info:**

Plugged  
Cement plug from 733 to 550'  
10' plug on top of casing  
set dry hole marker  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



J.C. Well Service/Action Oil Company  
Wellbore Diagram  
Application for SWD: King Kong No. 20

**Well Name:** Navajo B-1  
**Location:** 990' FSL 2310' FEL  
Sec. 4, T30N, R17W  
San Juan County, New Mexico

**Surface Casing**

Hole Size:  
Casing: 10-3/4"  
Setting Info: 31' w/ 20 sx

**Production Casing**

Hole Size: 6-1/4" to 543'  
Casing:  
Setting Info:  
Plug back depth:

**Formation Tops**

Tocito 547'

**Perforations**

tested open hole - no fluid entry

**GLE** 5131'

**KB**

**History**

Spud Date: 1957  
Original Owner: King Oil  
IP - 0 BOD  
IP - 0 MCFD  
IP - 0 BWD

**Completion Info:**

Drilled & Abandoned

**Current Info:**

Plugged  
Cement plug from 553' to 453'  
Plug at surface  
Set dry hole marker.

453'

553'

TD = 543'

J.C. Well Service/Action Oil Company  
Wellbore Diagram  
Application for SWD: King Kong No. 20

**Well Name:** King Kong #21  
**Location:** 1530' FNL, 610' FWL  
Sec. 4, T30N, R17W  
San Juan County, New Mexico

**Surface Casing**

Hole Size: \_\_\_\_\_  
Casing: \_\_\_\_\_  
Setting Info: \_\_\_\_\_

**Production Casing**

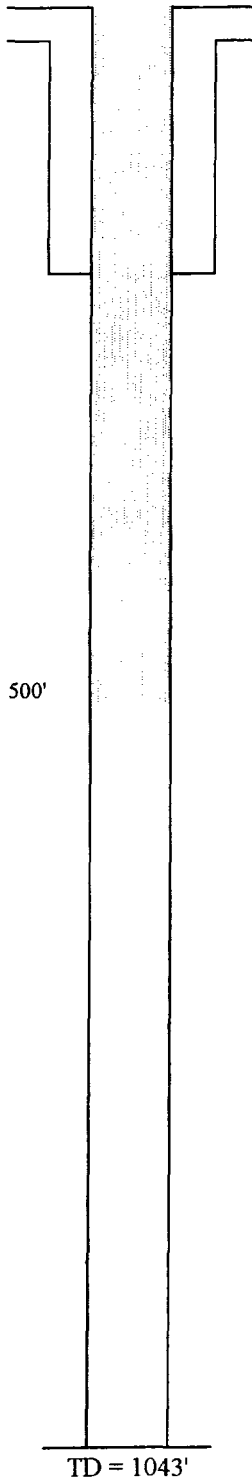
Hole Size: \_\_\_\_\_  
Casing: \_\_\_\_\_  
Setting Info: \_\_\_\_\_  
Plug back depth: \_\_\_\_\_

**Formation Tops**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Perforations**

None (Open hole completion)  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



**GLE** 5065'  
**KB** \_\_\_\_\_

**History**

Spud Date: \_\_\_\_\_  
Original Owner: \_\_\_\_\_  
IP - 24 BOD  
IP - 0 MCDFD  
IP - 0 BWD

**Completion Info:**

Open hole in Dakota  
\_\_\_\_\_  
\_\_\_\_\_

**Current Info:**

P & A 9/2/92  
Circulated cement from 500' to Surface  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

J.C. Well Service/Action Oil Company  
Wellbore Diagram  
Application for SWD: King Kong No. 20

**Well Name:** King Kong #3  
**Location:** 2323' FNL, 165' FWL  
Sec. 4, T30N, R17W  
San Juan County, New Mexico

**Surface Casing**

Hole Size: 8-3/4"  
Casing: 10' of 7"  
Setting Info: 2 sx

**Production Casing**

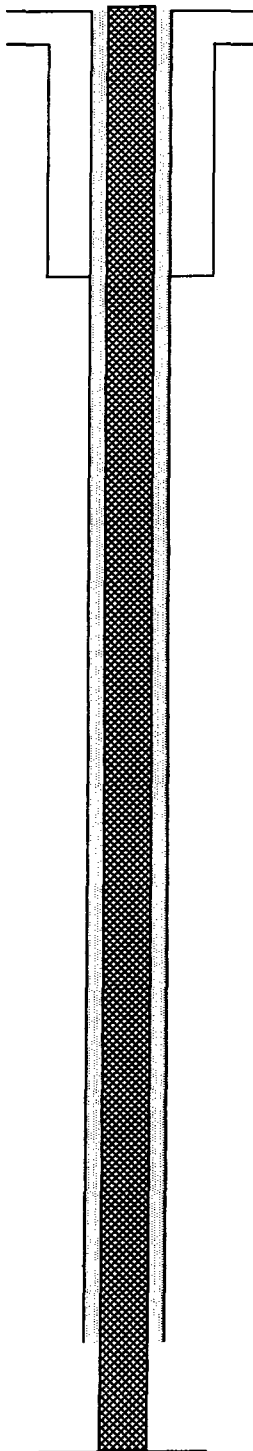
Hole Size: 5-5/8"  
Casing: 4-1/2" 9.5# @ 1048'  
Setting Info: 75 sx  
Plug back depth:

**Formation Tops**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Perforations**

None (Open hole completion)  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



**GLE** 5057'  
**KB**

**History**

Spud Date: 1/25/68  
Original Owner: Dugan Production cc  
IP - trace oil  
IP - 0 MCFD  
IP - 15 BWD

**Completion Info:**

Open hole in Dakota  
\_\_\_\_\_  
\_\_\_\_\_

**Current Info:**

Plugged and Abandoned 3/30/99  
Filled from 1053 to surface w/ cement  
Erected dry hole marker  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Well Name:** Navajo C #1-X

**Location:** 1530' FNL, 610' FWL  
Sec. 4, T30N, R17W  
San Juan County, New Mexico

|               |              |
|---------------|--------------|
| Hole Size:    |              |
| Casing:       | 7" 20#       |
| Setting Info: | 90' w/ 25 sx |

|                  |                |
|------------------|----------------|
| Hole Size:       |                |
| Casing:          | 4-1/2" 9.5#    |
| Setting Info:    | 1039' w/ 90 sx |
| Plug back depth: |                |

|                  |             |
|------------------|-------------|
| Hole Size:       |             |
| Casing:          | 2-3/8" 4.7# |
| Setting Info:    | 1021'       |
| Plug back depth: |             |

|        |       |
|--------|-------|
| Gallup | 442'  |
| Dakota | 1039' |

\_\_\_\_\_

1039' to 1043'  
open hole

935'

Checked Against NMOCD Reccords 9/2002

J.C. Well Service/Action Oil Company  
Wellbore Diagram  
Application for SWD: King Kong No. 20

**Well Name:** Hercules #1  
**Location:** 165' FNL 2475' FWL  
Sec. 9, T30N, R17W  
San Juan County, New Mexico

**Surface Casing**

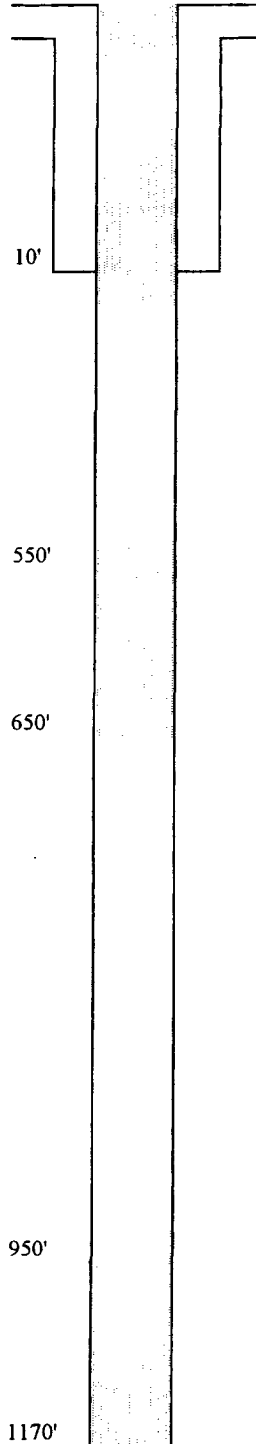
Hole Size: 8-3/4"  
Casing: 7"  
Setting Info: 10' w/ 2 sx

**Production Casing**

Hole Size: 5-5/8" to 1070'  
Casing:  
Setting Info:  
Plug back depth:

**Formation Tops**

**Perforations**



**GLE** 5146'  
**KB**

**History**

Spud Date: 5/29/68  
Original Owner: Dugan Production  
IP -  
IP -  
IP -

**Completion Info:**

Drilled and abandond

**Current Info:**

Plugged and Abandoned by 9/21/70  
30 sx from 1170-950'  
10 sx from 650-550'  
5 sx at surface  
erected dry hole marker

J.C. Well Service/Action Oil Company  
Wellbore Diagram  
Application for SWD: King Kong No. 20

Well Name: \_\_\_\_\_ Price #1 \_\_\_\_\_  
Location: \_\_\_\_\_ 330' FNL, 2310' FWL \_\_\_\_\_  
\_\_\_\_\_ Sec. 8, T30N, R17W \_\_\_\_\_  
\_\_\_\_\_ San Juan County, New Mexico \_\_\_\_\_

**Surface Casing**

Hole Size: 9-5/8"  
Casing: 7-5/8"  
Setting Info: 40' w/ 20 sx

**Production Casing**

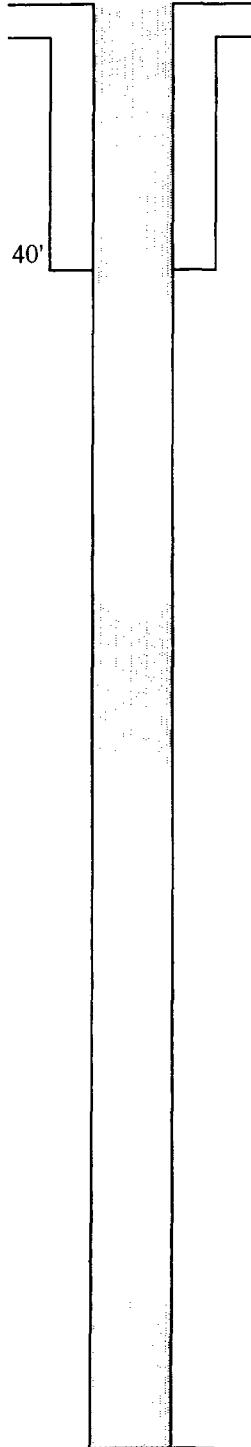
Hole Size: 6-3/4" to 1103'  
Casing: \_\_\_\_\_  
Setting Info: \_\_\_\_\_  
Plug back depth: \_\_\_\_\_

**Formation Tops**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Perforations**

\_\_\_\_\_  
\_\_\_\_\_



**GLE**

**KB** 5042

**History**

Spud Date: \_\_\_\_\_  
Original Owner: R.L. Bayless  
IP - \_\_\_\_\_  
IP - \_\_\_\_\_  
IP - \_\_\_\_\_

**Completion Info:**

Found Dakota non-productive

**Current Info:**

Drilled and abandoned 1963  
10 sx @ TD  
10 sx @ 500'  
filled hole w/ drilling mud  
10 sx @ surface  
erected dry hole marker

**J.C. Well Service/Action Oil Company**  
**Wellbore Diagram**  
**Application for SWD: King Kong No. 20**

**Well Name:** Bobbie Jane #1  
**Location:** 660' FNL, 660' FEL  
Sec. 8, T30N, R17W  
San Juan County, New Mexico

**Surface Casing**

Hole Size: \_\_\_\_\_  
Casing: 7"  
Setting Info: 30' w/ 5 sx

**Production Casing**

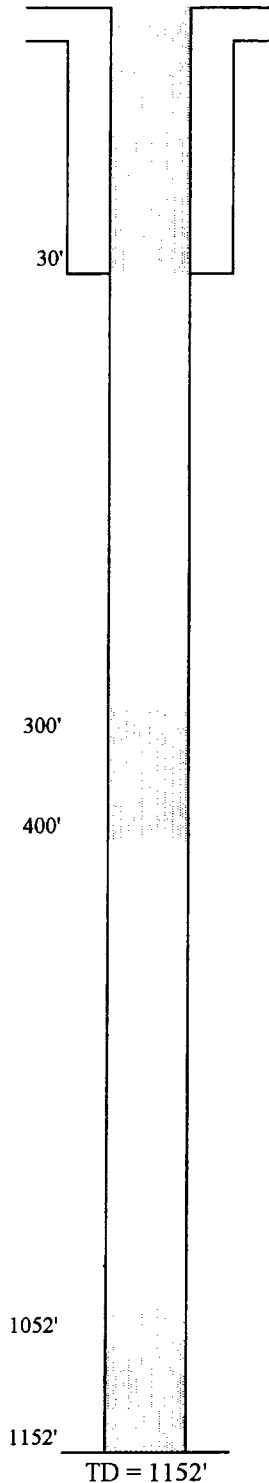
Hole Size: 6" to 1152'  
Casing: \_\_\_\_\_  
Setting Info: \_\_\_\_\_  
Plug back depth: \_\_\_\_\_

**Formation Tops**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Perforations**

\_\_\_\_\_  
\_\_\_\_\_



**GLE** 5085'  
**KB**

**History**

Spud Date: 1/15/73  
Original Owner: R. A. Crane, Jr  
IP -  
IP -  
IP -

**Completion Info:**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Current Info:**

Drilled and abandoned 1973  
100' @ TD  
100' @ 300' - 400'  
30' @ surface  
erected dry hole marker  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**J.C. Well Service/Action Oil Company**  
**Wellbore Diagram**  
**Application for SWD: King Kong No. 20**

**Well Name:** Navajo Tribal 740  
**Location:** 1625' FSL, 1650' FEL  
Sec. 5, T30N, R17W  
San Juan County, New Mexico

**Surface Casing**

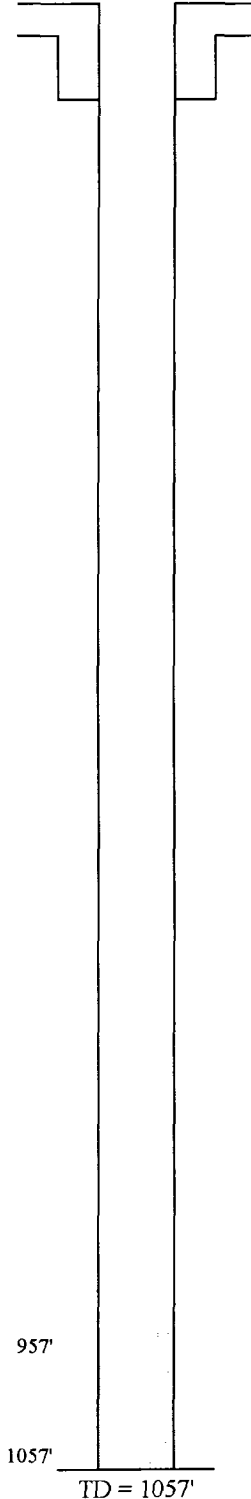
Hole Size: 6-3/4"  
Casing: 5-1/2"  
Setting Info: 30' w/ 20 sx

**Production Casing**

Hole Size: 4-3/4"  
Casing: 7" 20 & 23#  
Setting Info: 8172' w/ 450 sx  
Plug back depth:

**Formation Tops**

Tocito 502  
Dakota 1063



**GLE** 5048  
**KB**

**History**

Spud Date: 9/10/52  
Original Owner: Phillips Pet.  
P&A as dry hole - strat test

**Completion Info:**

tested 6608 - 6656' (Hermosa)  
tested 7580 - 7636' (Leadville)  
tested 7622 - 7635' (Leadville)  
tested 7768 - 7800' (Ouray)  
tested 8084' - 8132' (Elbert)

**Current Info:**

note in well file says:  
"Converted to wtr well in late 1952"

No info on plugs set



**J.C. Well Service/Action Oil Company**  
**Wellbore Diagram**  
**Application for SWD: King Kong No. 20**

**Well Name:** Cynthia #1-X  
**Location:** 1650' FSL, 1650' FEL  
 Sec. 5, T30N, R17W  
 San Juan County, New Mexico

**Surface Casing**

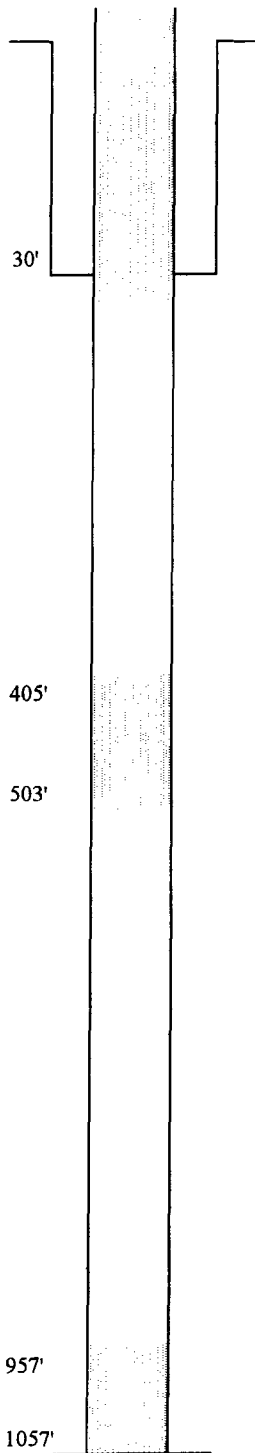
Hole Size: 6-3/4"  
 Casing: 5-1/2"  
 Setting Info: 30' w/ 20 sx

**Production Casing**

Hole Size: 4-3/4" to 1057'  
 Casing:  
 Setting Info:  
 Plug back depth:

**Formation Tops**

**Perforations**



TD = 1057'

**GLE** 5048

**KB**

**History**

Spud Date:  
 Original Owner: R.L. Bayless  
 IP -  
 IP -  
 IP -

**Completion Info:**

**Current Info:**

Drilled and abandoned 1961  
 15 sx from 1057 - 957'  
 15 sx from 503 - 405"  
 8 sx @ surface  
 erected dry hole marker

J.C. Well Service/Action Oil Company  
Wellbore Diagram  
Application for SWD: King Kong No. 20

**Well Name:** Clark Kent #4  
**Location:** 1650' FSL, 330' FEL  
Sec. 5, T30N, R17W  
San Juan County, New Mexico

**Surface Casing**

Hole Size:  
Casing: 59' of 7" 20#  
Setting Info: 20 sx

**Production Casing**

Hole Size:  
Casing: 4-1/2" 9.5# @ 1095'  
Setting Info: 100 sx  
Plug back depth: 1080'

**Formation Tops**

Gallup 474'  
Greenhorn 920'  
Graneros 988'  
Dakota 1047'

**Perforations**

None on re-entry

GLE 5063'  
KB

**History**

Spud Date: 3/20/68  
Original Owner:  
IP - 3 BOD  
IP - 0 MCFLD  
IP - 1 BWD

**Completion Info:**

Re-entered in 1970 by Dugan Prod.  
1-1/4" tbg @ 1069'

**Current Info:**

Producing - Salt Creek Dak oil well

PBD 1081'

TD = 1095'

**J.C. Well Service/Action Oil Company**  
**Wellbore Diagram**  
**Application for SWD: King Kong No. 20**

**Well Name:** Navajo H #1  
**Location:** 1980' FSL, 330' FEL  
 Sec. 5, T30N, R17W  
 San Juan County, New Mexico

**Surface Casing**

Hole Size: 9"  
 Casing: 60' of 7" 20#  
 Setting Info: 20 sx

**Production Casing**

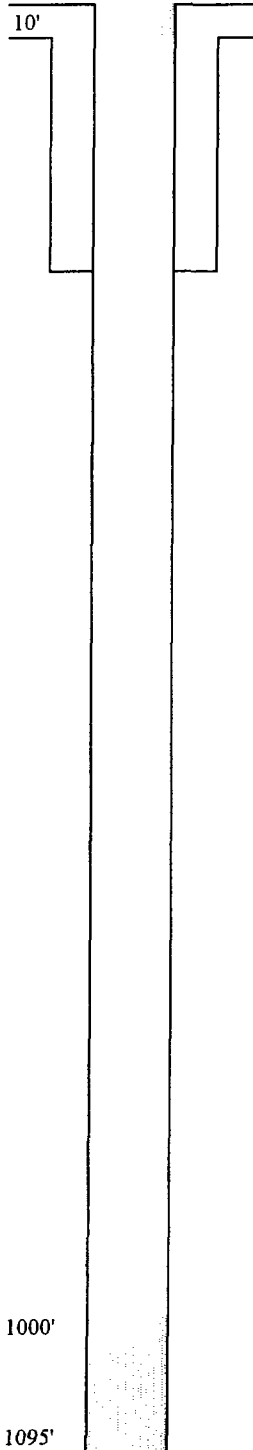
Hole Size: 6-1/4" to 1095'  
 Casing: 4-1/2" 9.5# @ 1097'  
 Setting Info: 100 sx  
 Plug back depth:

**Formation Tops**

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**Perforations**

1050 - 54' 6 spf  
 1060 - 65' 4 spf  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_



**GLE** 5081  
**KB**

**History**

Spud Date: 8/27/58  
 Original Owner: King Oil Co.  
 IP -  
 IP -  
 IP -

**Completion Info:**

Completed as producing oil well in  
 Salt Creek Dakota

**Current Info:**

plugged and abandoned  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

J.C. Well Service/Action Oil Company  
Wellbore Diagram  
Application for SWD: King Kong No. 20

**Well Name:** Clark Kent #1  
**Location:** 1850' FSL, 155' FEL  
Sec. 5, T30N, R17W  
San Juan County, New Mexico

**Surface Casing**

Hole Size:  
Casing: 10' of 7" 20#  
Setting Info: 2 sx

**Production Casing**

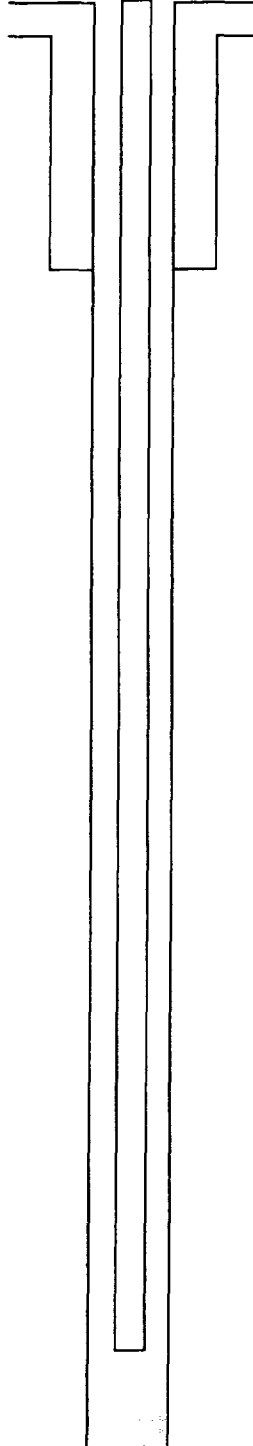
Hole Size:  
Casing: 4-1/2" 9.5# @ 1054'  
Setting Info: 65 sx  
Plug back depth:

**Formation Tops**

Gallup 470'  
Greenhorn 930'  
Graneros 990'  
Dakota 1047'

**Perforations**

1054' - 1065'



**GLE** 5060

**KB**

**History**

Spud Date: 2/29/68

Original Owner:

IP - 35 BOD

IP - 0 MCFD

IP - 0 BWD

**Completion Info:**

open hole

**Current Info:**

Producing - Salt Creek Dak oil well

TD = 1065'

**J.C. Well Service/Action Oil Company**  
**Wellbore Diagram**  
**Application for SWD: King Kong No. 20**

**Well Name:** Joella #1  
**Location:** 1730' FNL, 280' FEL  
Sec. 5, T30N, R17W  
San Juan County, New Mexico

**Surface Casing**

Hole Size: \_\_\_\_\_  
Casing: \_\_\_\_\_  
Setting Info: \_\_\_\_\_

**Production Casing**

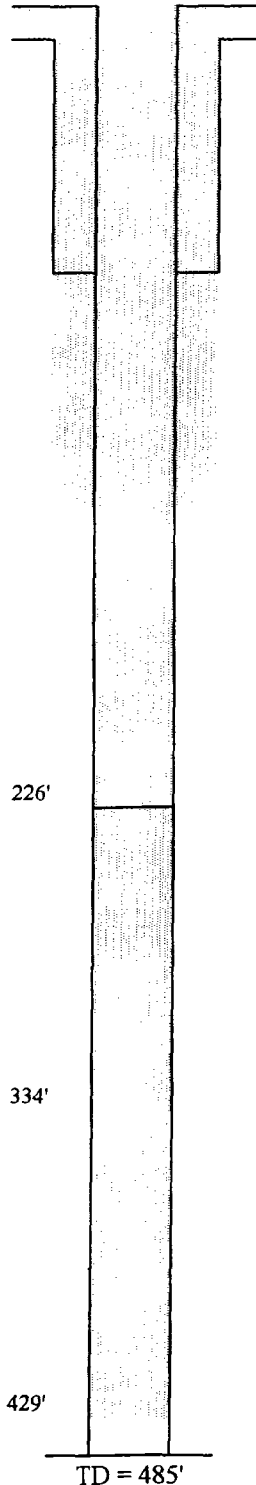
Hole Size: 6-1/4"  
Casing: 4-1/2" 11.5# @ 475'  
Setting Info: 75 sx  
Plug back depth: \_\_\_\_\_

**Formation Tops**

Wildact Gallup oil well  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Perforations**

442-449-456-466  
2 holes per foot  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



**GLE** 5078  
**KB** \_\_\_\_\_

**History**

Spud Date: 4/21/62  
Original Owner: King Oil  
IP - 265 BOD  
IP - MCFD  
IP - BWD

**Completion Info:**

Sand oil frac  
16000 gal oil  
13,000# sand

**Current Info:**

Original P&A reworked by A+ WS  
for NMOCD 7/2000

Pumped 5 plugs, filling casing and  
annulus and shutting off water flow.  
total 213 sx

J.C. Well Service/Action Oil Company  
Wellbore Diagram  
Application for SWD: King Kong No. 20

**Well Name:** Navajo G 3  
**Location:** 2310' FSL, 530' FEL  
Sec. 5, T30N, R17W  
San Juan County, New Mexico

**Surface Casing**

Hole Size:  
Casing: 7" @ 65'  
Setting Info: 25 sx

**Production Casing**

Hole Size: 6-1/4"  
Casing: 4-1/2" @ 1050'  
Setting Info: 25 sx  
Plug back depth:

**Formation Tops**

Gallup 472'  
Dakota Sand 1059'

**Perforations**

drilled ou under 4-1/2" through  
Dakota Sand. Left open hole.

GLE 5063

**KB**

**History**

Spud Date: 3/15/59

Original Owner: King Oil

IP - 24 BOD

IP - MCFD

IP - 0 BWD

**Completion Info:**

natural, open hole

**Current Info:**

King Oil P&A'd after one year

25 sx @ 1065' - 965'

25 sx @ 525' - 425'

20 sx @ 65 - surface

965'

1065'

TD = 1065'

J.C. Well Service/Action Oil Company  
Wellbore Diagram  
Application for SWD: King Kong No. 20

**Well Name:** Navajo G 2  
**Location:** 2310' FNL, 330' FEL  
Sec. 5, T30N, R17W  
San Juan County, New Mexico

**Surface Casing**

Hole Size: 9"  
Casing: 7" @ 65'  
Setting Info: 25 sx

**Production Casing**

Hole Size: 6-1/4"  
Casing: 4-1/2" @ 1093'  
Setting Info: 100 sx  
Plug back depth:

**Formation Tops**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Perforations**

1068-71' w/ 6 spf

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**GLE** 5068'

**KB**

**History**

Spud Date: 8/17/58

Original Owner: King Oil

IP - BOD

IP - MCFD

IP - BWD

**Completion Info:**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Current Info:**

P&A 4/1967

Cement Plug TD - 1000'

10' plug @ - surface

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

1000'

1093'

TD = 1093'

J.C. Well Service/Action Oil Company  
Wellbore Diagram  
Application for SWD: King Kong No. 20

**Well Name:** Clark Kent #25  
**Location:** 2310' FNL, 430' FEL  
Sec. 5, T30N, R17W  
San Juan County, New Mexico

**Surface Casing**

Hole Size: \_\_\_\_\_  
Casing: 10' of 7" 20#  
Setting Info: 3 sx

**Production Casing**

Hole Size: \_\_\_\_\_  
Casing: \_\_\_\_\_  
Setting Info: \_\_\_\_\_  
Plug back depth: \_\_\_\_\_

**Formation Tops**

|        |         |
|--------|---------|
| Mancos | Surface |
| Gallup | 464'    |
| Dakota | 1060'   |

**Perforations**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

3 sx

450'

550'

975'

1068'

TD = 1068'

GLE 5060

KB

**History**

Spud Date: 3/1/69  
Original Owner: Tom Dugan  
IP - 0 BOD  
IP - 0 MCFD  
IP - 0 BWD

**Completion Info:**

Drilled & Abandoned

**Current Info:**

Plugged  
15 sx @ 1068 - 975'  
15 sx @ 550' - 450'  
3 sx @ Surface  
Set dry hole marker



J.C. Well Service/Action Oil Company  
Wellbore Diagram  
Application for SWD: King Kong No. 20

**Well Name:** Joella #1-X  
**Location:** 1650' FNL, 990' FWL  
Sec. 5, T30N, R17W  
San Juan County, New Mexico

**Surface Casing**

Hole Size: \_\_\_\_\_  
Casing: \_\_\_\_\_  
Setting Info: \_\_\_\_\_

**Production Casing**

Hole Size: \_\_\_\_\_  
Casing: 5-1/2"  
Setting Info: \_\_\_\_\_  
Plug back depth: \_\_\_\_\_

**Formation Tops**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Perforations**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**GLE** 5083  
**KB** \_\_\_\_\_

**History**

Spud Date: 5/15/05  
Original Owner: King Oil  
IP - BOD  
IP - MCFD  
IP - BWD

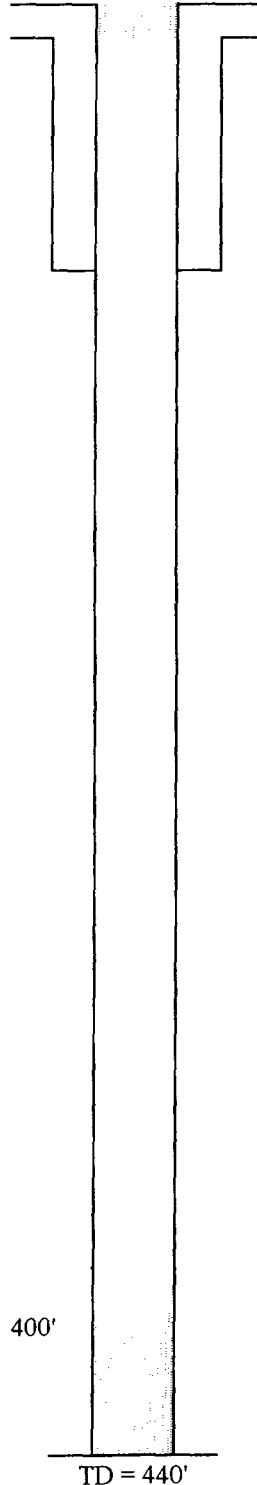
**Completion Info:**

Gallup oil well  
\_\_\_\_\_  
\_\_\_\_\_

**Current Info:**

Original P&A reworked  
by NMOCD. Dug out and cut off  
original casing and put valve on to  
monitor flow of water, gas and oil.  
\_\_\_\_\_  
\_\_\_\_\_

Original P&A:  
Cement plug from TD to 400'  
10' plug on top of casing w/ marker



J.C. Well Service/Action Oil Company  
Wellbore Diagram  
Application for SWD: King Kong No. 20

Well Name: Navajo C #1-X  
Location: 1530' FSL 610' FWL  
Sec. 4, T30N, R17W  
San Juan County, New Mexico

**Surface Casing**

Hole Size:  
Casing: 7" 20#  
Setting Info: 88' /w 25 sx

**Production Casing**

Hole Size:  
Casing: 4-1/2" 9.5#  
Setting Info: 1039' w/ 90 sx  
Plug back depth:

**Formation Tops**

Dakota 1039'  
TD 1043'

**Perforations**

none (open hole)

GLE 5065'

KB

**History**

Spud Date: 7/16/58  
Original Owner: King Oil Co.  
IP - 192 BOD  
IP - 0 MCFD  
IP - 0 BWD

**Completion Info:**

Producing oil well  
Dakota wildcat  
no frac

**Current Info:**

Plugged 3/1967  
50 ft plug @ TD  
10 ft plug @ surface  
set dry hole marker

1043'  
TD = 1043'

**J.C. Well Service/Action Oil Company**  
**Wellbore Diagram**  
**Application for SWD: King Kong No. 20**

**Well Name:** King Kong #7  
**Location:** 1485' FNL, 1000' FWL  
 Sec. 4, T30N, R17W  
 San Juan County, New Mexico

**Surface Casing**

Hole Size: 8-3/4"  
 Casing: 7" 20#  
 Setting Info: 10' w/ 2 sx

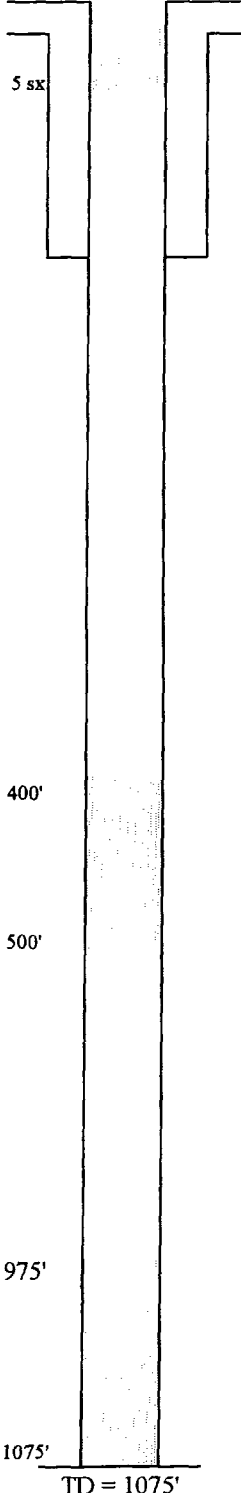
**Production Casing**

Hole Size: 5-5/8"  
 Casing: none  
 Setting Info:  
 Plug back depth:

**Formation Tops**

Dakota 1045'  
 TD 1075'

**Perforations**



**GLE** 5075'

**KB**

**History**

Spud Date: 3/12/69  
 Original Owner: Dugan Production cc  
 IP - 0 BOD  
 IP - 0 MCFD  
 IP - BWD

**Completion Info:**

Waterflow from Dakota, no oil

**Current Info:**

Plugged and abandoned  
 15 sx from 1075' to 975'  
 15 sx from 500' to 400'  
 5 sx across surface  
 set dry hole marker

# MEMORANDUM

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Date: September 15, 2002

To: Johnny Cunningham  
J. C. Well Service

From: John C. Corbett  
Petroleum Geologist

Subject: King Kong #20  
Salt Creek Dakota

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## **Purpose**

At your request I have reviewed the King Kong Well #20 and also the Salt Creek Dakota oil reservoir. I understand that the purpose of this investigation is to determine the suitability for the King Kong #20 for use as a water disposal well for water produced from your offsetting Salt Creek Dakota Field oil wells. I also understand that the King Kong # 20 was originally completed in the Salt Creek Dakota oil pool and that it is still configured so that the disposal zone will be the same zone that historically produced.

## **Conclusion**

The King Kong # 20 should be ideally suited for a water disposal well. The formation and disposed fluids are the same and thus expected to be compatible. The formation should have ample storage volume and sufficient permeability to take the water volumes proposed. It is likely that reinjection of water will extend the producing life of the field and increase oil volumes recovered. It is certain that without a disposal well the Salt Creek Dakota Field becomes uneconomic to produce. Because the lease ownership is common, this project is expected to protect correlative rights and to prevent waste.

## **Findings**

Lithology – The Mancos Shale is at the surface in Sections 4, 5, 8 and 9 of T30N, R17W. It is an impermeable shale. The Mancos overlies the Gallup (Tocito) sands that are at a depth of about 450'. The Gallup produced oil in marginally economic quantities from what was called the Chimney Rock Gallup Field in Section 4. Beneath the Gallup is more impermeable Mancos Shale, overlying the Greenhorn Limestone and the Graneros Shale. Neither of these formations are productive in the area or would have the reservoir characteristics if the proper fluids were present (that is to say they are tight.)

The Dakota at Salt Creek is clean, well-sorted Cretaceous marine sandstone. Important reservoir parameters are as follows:

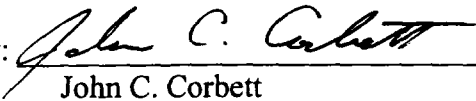
|           |                |
|-----------|----------------|
| Depth     | 1000' to 1200' |
| Thickness | 30' to 40'     |

|                           |       |
|---------------------------|-------|
| Porosity                  | 16%   |
| Permeability              | 80 md |
| Original Water Saturation | 75%   |

Structure – The Salt Creek Dakota Field produces oil from a faulted anticline on the northwest edge of the San Juan Basin. The faults that create the trap for Dakota oil are sealing faults (they will not transmit fluid across or along the faults) or there would not have been a reservoir present.

Drilling and Completion – The Salt Creek Dakota Field has Mancos Shale at the surface. Because there is no significant aquifer present surface casing was often 10' of 7" casing. Wells were then drilled through the Dakota and tested open-hole. If production was established, the Dakota was top set with 4 1/2" or 5 1/2" casing and the shoe drilled out with cable tools. In this fashion, the Dakota was produced open-hole. I found records of only three wells that were stimulated out of 58 wells drilled in the four sections that ever produced in the field. This is convincing evidence that the King Kong #20 will accept your produced water without stimulation.

Production – Wells in the Salt Creek Dakota have historically produced large volumes of water along with oil (please refer to the attached chart.) This water has been disposed of in abandoned producing wells within the field. The disposal well prior the use of the King Kong #20 was the King Kong #5. That well is located 206' northeast of the King Kong #20. It is very unlikely that redirecting the produced water to the King Kong #20 will have a noticeable affect on production from the existing wells.

By:   
John C. Corbett  
Petroleum Geologist  
311 No. Behrend  
Farmington, NM 87401  
(505) 327-5751

**SALT CREEK DAKOTA**

(Oil)

T. 30 N., R. 17 W., NMPM

San Juan County, New Mexico

**By: Jim Jacobs and Kurt Fagrelus**  
**Dugan Production Corporation****GEOLOGY**

**Regional Setting:** Northwest edge, San Juan Basin  
**Surface Formations:** Cretaceous, Mancos Shale  
**Exploration Method Leading to Discovery:** Surface geology, mapped by Marland Oil Co. in 1925  
**Type of Trap:** Fault trap, east trending, up on the south side  
**Producing Formation:** Cretaceous, Dakota Sandstone  
**Gross Thickness and Lithology of Reservoir Rocks:** 100 feet, sandstone interbedded with shale  
**Geometry of Reservoir Rock:** Sheet sandstone  
**Other Significant Shows:** Possible "Gallup" sandstone  
**Oldest Stratigraphic Horizon Penetrated:** Cretaceous, Dakota Sandstone

**DISCOVERY WELL**

**Name:** King Oil Co. C No. 1X Navajo  
**Location:** SW NW (1530' FNL and 610' FWL) sec. 4, T. 30 N., R. 17 W.  
**Elevation (KB):** Unknown  
**Date of Completion:** July 21, 1958  
**Total Depth:** 1,043 feet  
**Production Casing:** 4½" set at 1,039 feet with 65 sacks of cement  
**Perforations:** Open hole 1,039 to 1,043 feet  
**Stimulation:** Natural  
**Initial Potential:** Pump 192 BOD  
**Bottom Hole Pressure:** Unknown

**DRILLING AND COMPLETION PRACTICES**

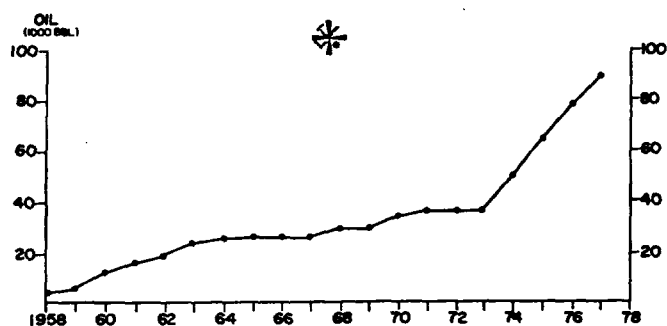
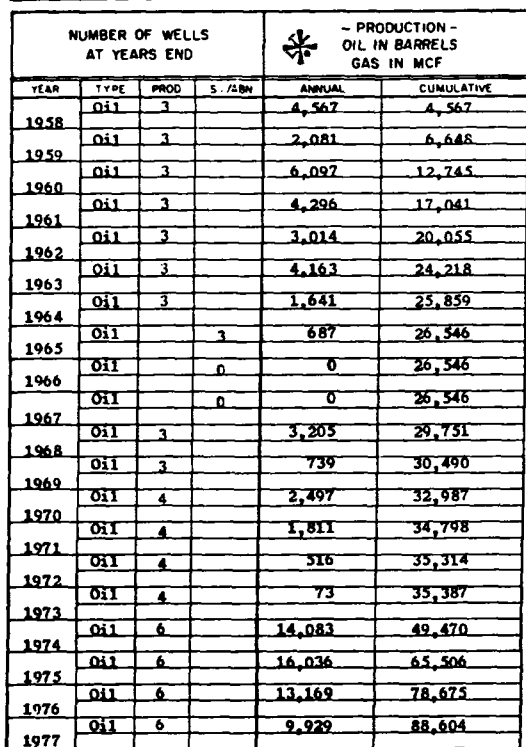
Spud 9" surface hole, run 7" surface pipe set at 88 feet with 75 sacks of cement. Drilled 6¼" hole to 1,039 feet. Ran 4½" casing and set at 1,039 feet with 90 sacks of cement. Drill with cable tools to 1,043 feet, run 2 3/8" tubing and set at 1,022 feet. Complete open hole with no stimulation.

**RESERVOIR DATA**

**Productive Area:**  
Proved (as determined geologically): 15 acres  
Unproved: None  
Approved Spacing: 2½ acres  
No. of Producing Wells: 6  
No. of Abandoned Wells: 3  
No. of Dry Holes: 41  
**Average Net Pay:** 30 to 40 feet  
**Porosity:** 16 percent (estimate)  
**Permeability:** .80 millidarcy (estimate)  
**Water Saturation:** 75 percent (estimate)  
**Initial Field Pressure:** Unknown  
**Type of Drive:** Water drive  
**Gas Characteristics and Analysis:** Unknown  
**Oil Characteristics and Analysis:** 51.8° API gravity  
**Associated Water Characteristics and Analysis:** Unknown  
**Original Gas, Oil, and Water Contact Datums:** Unknown  
**Estimated Primary Recovery:** 170,000 BO (30 percent of oil in place)  
**Type of Secondary Recovery:** None  
**Estimated Ultimate Recovery:** 170,000 BO  
**Present Daily Average Production:** 26 BOD  
**Market Outlets:** McDougald Company

**FIELD COMMENTARY**

The Salt Creek Dakota field is located in secs. 4 and 5, T. 30 N., R. 17 W., San Juan County, New Mexico. The field consists of only a very small portion of these two sections and is located four miles north and two miles east of Shiprock. The area is fairly flat and very sandy with many gullies and arroyos, the main one being Salt Creek Wash, hence the field name. The Salt Creek field is located on the southwest end of the Chimney Rock Dome. This structure was mapped by the Marland Oil Co. in 1925. The trapping mechanism for Dakota oil at Salt Creek consists of at least two east trending, up to the south, normal faults. The northernmost of these faults has a displacement of approximately 150 feet, while the one to the south is more in the range of 10 feet. The Dakota sandstone that produces oil at Salt Creek is medium-grained, sub-rounded and well sorted.



#### NOTICE

J.C. Well Service, Inc., intends to convert the King Kong well No. 20 into a water disposal well in order to dispose of water produced from the Salt Creek Dakota Pool in adjacent wells. Well location is 1650' FSL & 330' FWL of Section 4, Township 30 North, Range 17 West, San Juan County, New Mexico.

The injection interval is in the Salt Creek Dakota formation into open hole from 1050' to 1067'. The maximum anticipated injection rate is 3 BPM at 215 psi. Maximum volume is 250 BPD.

Interested parties must file objections or requests for hearing with the Oil Conservation Division P.O. Box 2088, Santa Fe, New Mexico 88501, within 15 days.

Legal No. 46835, published in The Daily Times, Farmington, New Mexico, Sundays, September 29 & October 6, 2002.



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| <b>Total Postage &amp; Fees</b>                   | <b>\$ 8.00</b> |



Sent To Ms Belinda Clark  
Street, Apt. No.,  
or PO Box No. PO Box 410  
City, State, ZIP+4 Montezuma Creek UT 84534

PS Form 3800, January 2001

See Reverse for Instructions

John C. Corbett  
P.O. Box 93  
Farmington, NM 87499

Ms. Belinda Clark  
Navajo Nation Land Office  
P.O. Box 410  
Montezuma Creek, Utah 84534

September 24, 2002

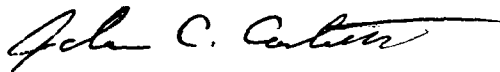
Subject: Water Disposal Well  
NW/4SW/4 Sec. 4, T30N, R17W  
San Juan County, NM

Dear Ms. Clark:

The following letter is intended to be a notification of the intent to convert King Kong No. 20 to a water disposal well in order to dispose of water produced from the Salt Creek Dakota formation in adjacent wells. The following may be pertinent information: Well location is 1650' FSL & 330' FWL of Section 4, Township 30 North, Range 17 West, San Juan County, New Mexico. The injection interval is in the Salt Creek Dakota formation into open hole from 1050' to 1067'. The maximum anticipated injection rate is 3 BPM at 215 psi. Maximum volume is 250 BPD.

You may file objections or requests for hearing with the Oil Conservation Division P.O. Box 2088, Santa Fe, New Mexico 88501, within 15 days. If you have questions, please contact me at (505) 327-5751 or by writing P.O. Box 93, Farmington, NM 87499.

Sincerely,



John C. Corbett