

219755647

SWD

10/23/02

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

October 2, 2002

01007-0 10 9:10

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:

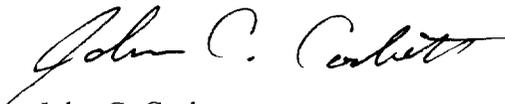
Enclosed please find the original and one copy of the referenced Application to inject produced water into the King Kong #20. The water will be produced from and returned to the Salt Creek Dakota Oil Pool. All producing wells within a two-mile radius belong to J. C. Well Service and produce from the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

**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 Service

WELL NAME & NUMBER: King Kong Well # 20

WELL LOCATION: 650' ESL, 330' FWL

FOOTAGE LOCATION

UNIT LETTER

SECTION

TOWNSHIP

RANGE

Unit L

Sec 4

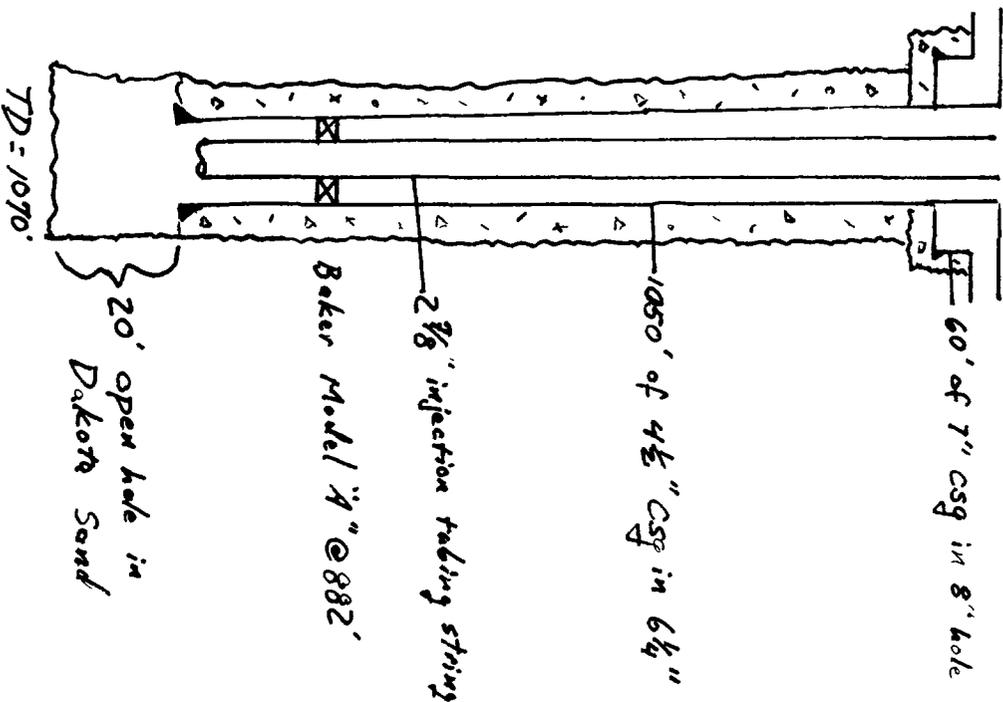
T30N,

R17W

WELLBORE SCHEMATIC

WELL CONSTRUCTION DATA

Surface Casing



Hole Size: 8"

Casing Size: 7"

Cemented with: 20 sx.

Method Determined: Calculated 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.

Method Determined: Calculated 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.

Method Determined: Calculated 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 SHEET

Tubing Size: 2 7/8" Lining Material: None

Type 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  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 DATE	DATE 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						1048-1053OH		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**

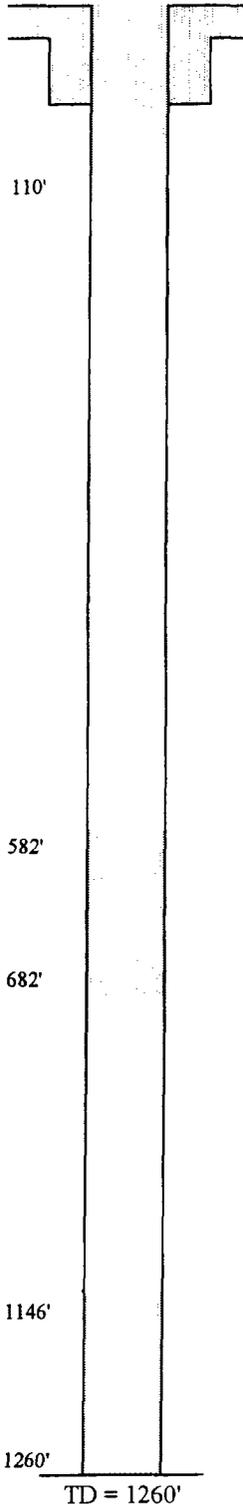
**Well Name:** Navajo D #1  
**Location:** 330' FNL 1650' FEL  
 Sec. 5, T30N, R17W  
 San Juan County, New Mexico

**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

**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**

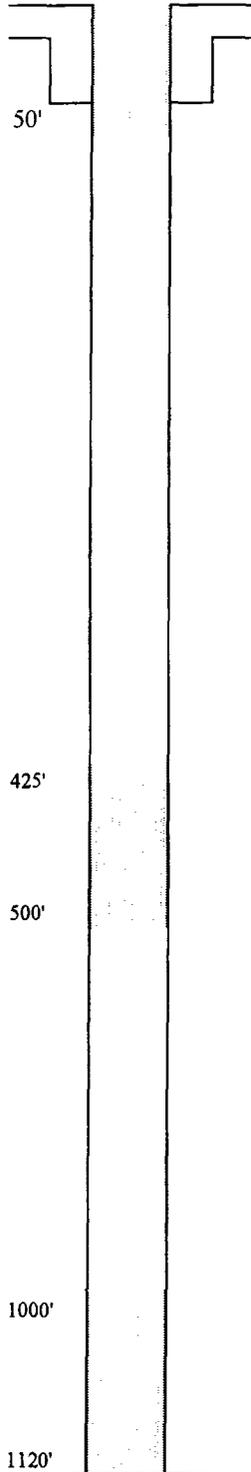
Hole Size: 6-1/2"  
 Casing: none  
 Setting Info: \_\_\_\_\_  
 Plug back depth: \_\_\_\_\_

**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**

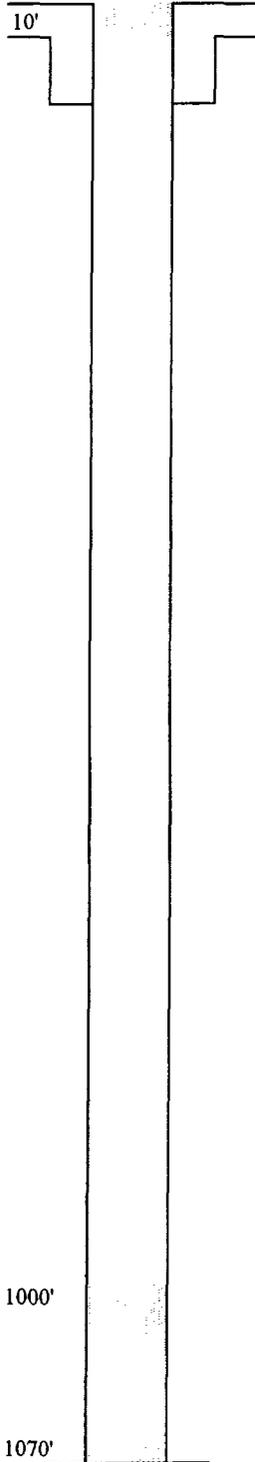
Hole Size: 6-1/4"  
 Casing: 4-1/2"  
 Setting Info: 1050'  
 Plug back depth:

**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

**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**

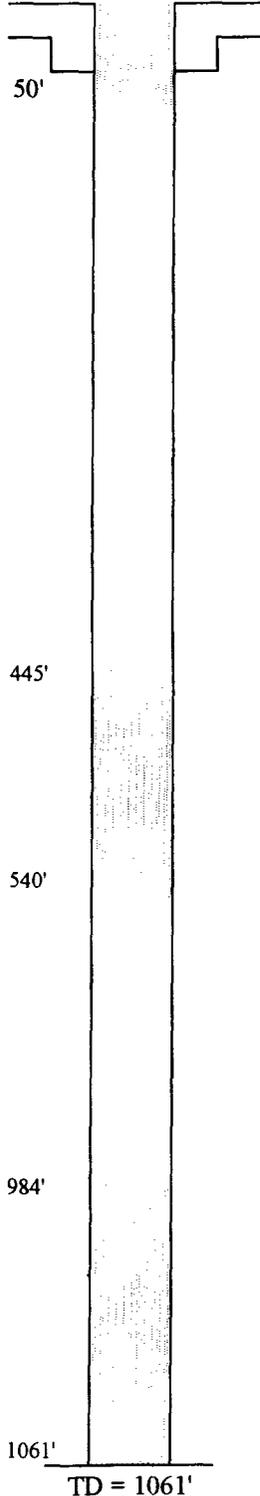
Hole Size: 5-5/8"  
 Casing: none  
 Setting Info:  
 Plug back depth:

**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

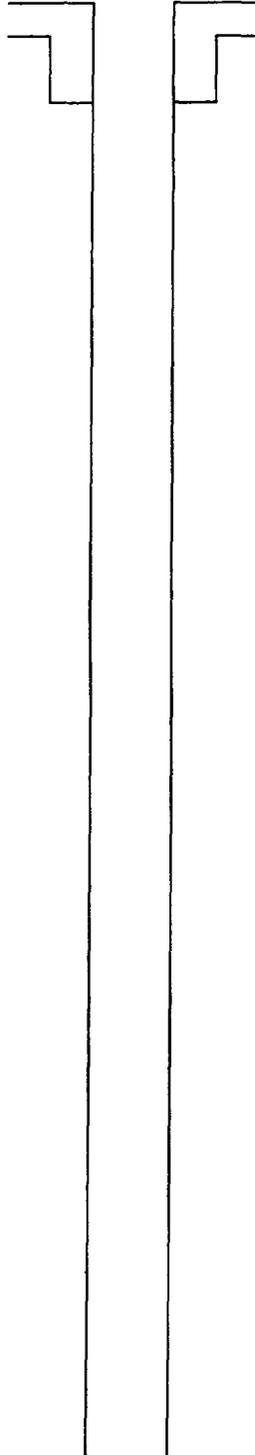
**Well Name:** King Kong #9  
**Location:** 2310' FNL 1980' FEL  
 Sec. 4, T30N, R17W  
 San Juan County, New Mexico

**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)



TD = 1066'

**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

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

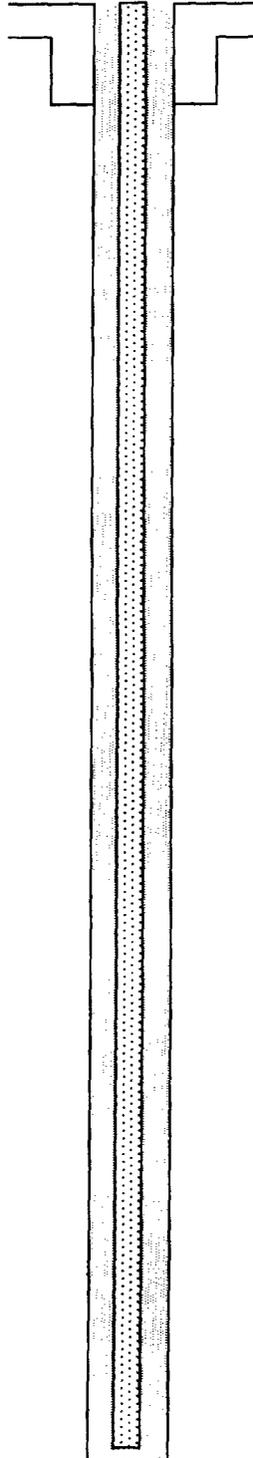
**Well Name:** King Kong #8  
**Location:** 2310' FNL 2310' FEL  
 Sec. 4, T30N, R17W  
 San Juan County, New Mexico

**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)  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_



TD = 1056'

**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.

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

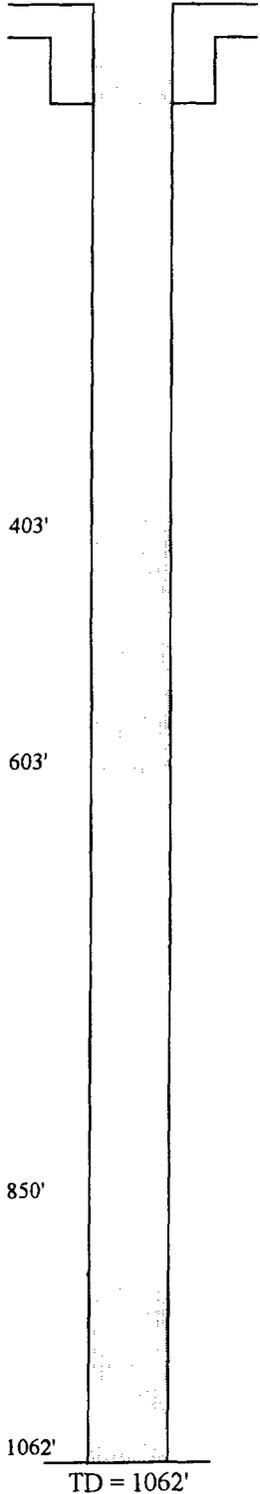
**Well Name:** King Kong #13  
**Location:** 2325' FNL 2470' FWL  
 Sec. 4, T30N, R17W  
 San Juan County, New Mexico

**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

TD = 1062'

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**

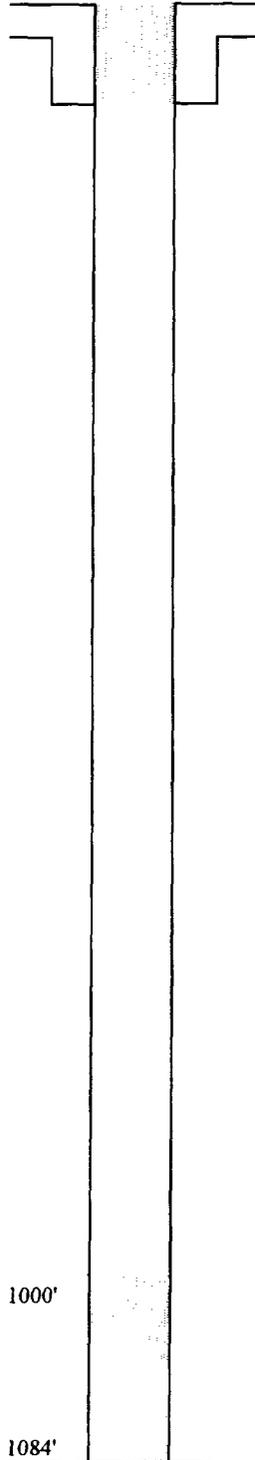
Hole Size:  
 Casing: 4-1/2" 9.5#  
 Setting Info: 1084' w/ 100 sx  
 Plug back depth:

**Formation Tops**

Mancos	Surface
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**

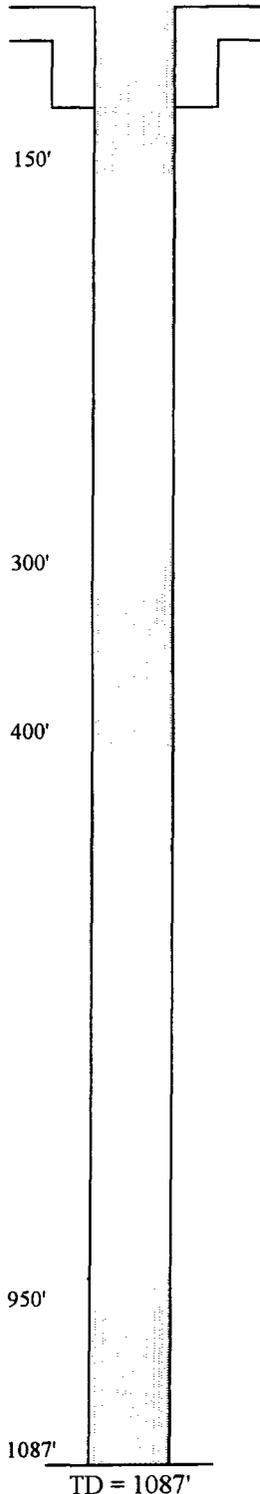
Hole Size: 6-1/2"  
 Casing: 4-1/2" 9#  
 Setting Info: 1087' w/ 40 sx  
 Plug back depth:

**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**

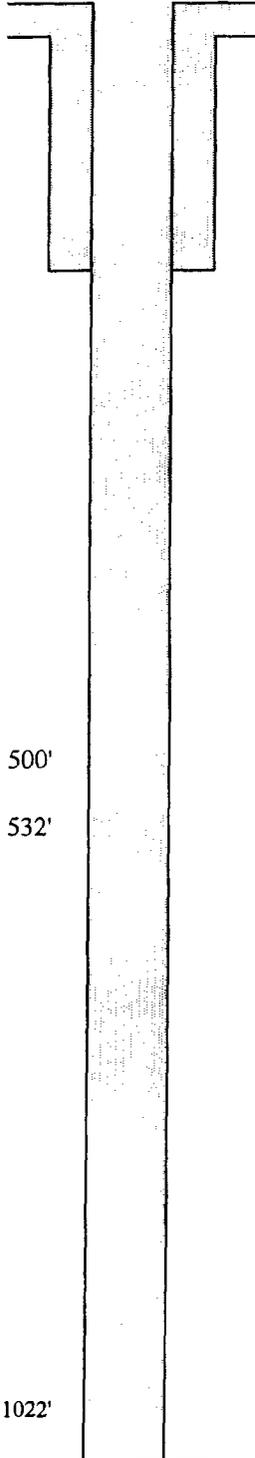
**Well Name:** King Kong #6  
**Location:** 1485' FNL, 600' FWL  
Sec. 4, T30N, R17W  
San Juan County, New Mexico

**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  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

500'  
532'  
1022'  
TD = 1066'

**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**

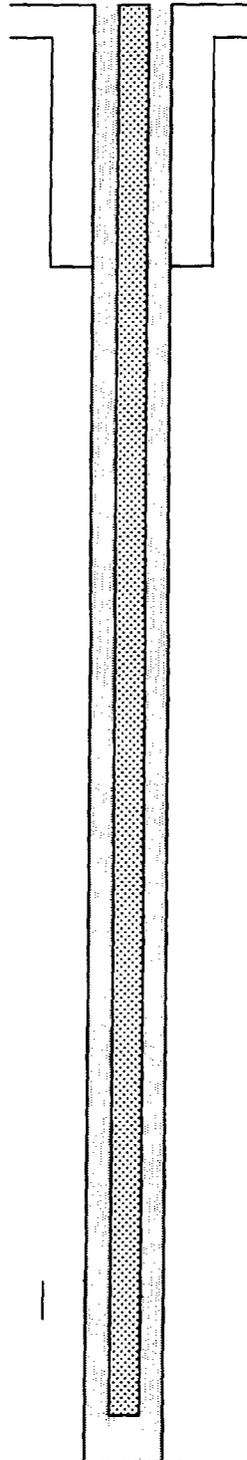
Hole Size:  
 Casing: 9-5/8" 32#  
 Setting Info: 56' w/ 20 sx

**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**



TD = 515'

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.

**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**

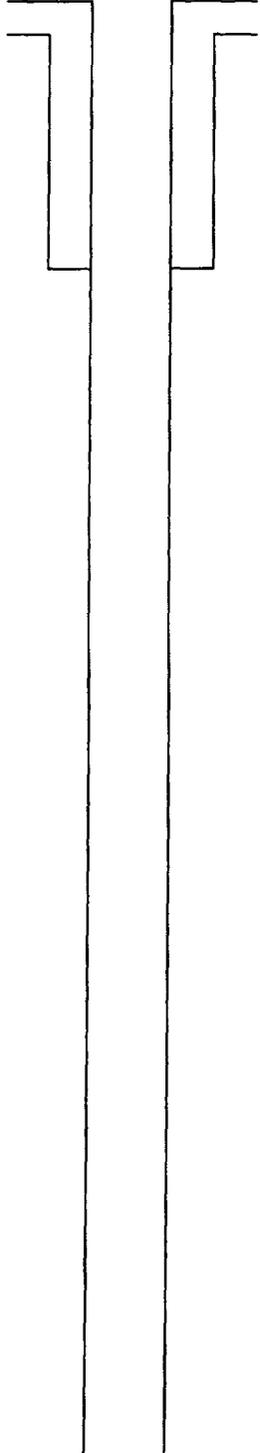
Hole Size: 4-3/4"  
 Casing: 2-7/8" 6.5#  
 Setting Info: 1070' (proposed)  
 Plug back depth:

**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

TD = 1050'

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



**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

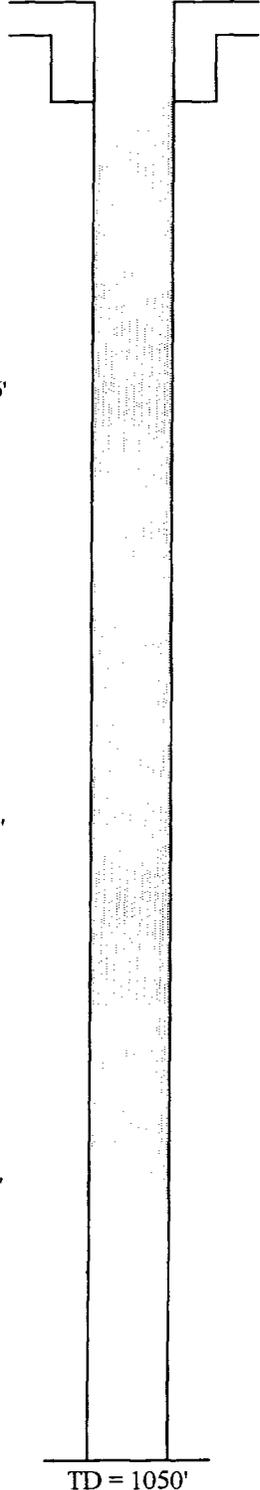
**Production Casing**  
Hole Size: 4-3/4"  
Casing: 2-7/8" 6.5#  
Setting Info: 1050' w/ 50 sx  
Plug back depth: \_\_\_\_\_

**Formation Tops**

_____	166'
_____	
_____	
_____	
_____	

**Perforations**

_____	
_____	
_____	
_____	
_____	
_____	
_____	
_____	
_____	
_____	393'



**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  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

TD = 1050'

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**

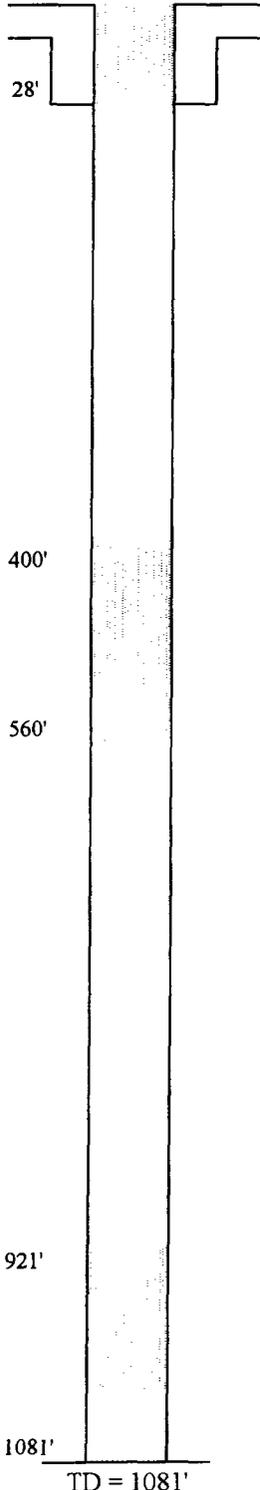
Hole Size: 4-3/4"  
 Casing: 2-7/8" 6.5#  
 Setting Info: 1050' w/ 50 sx  
 Plug back depth:

**Formation Tops**

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

**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

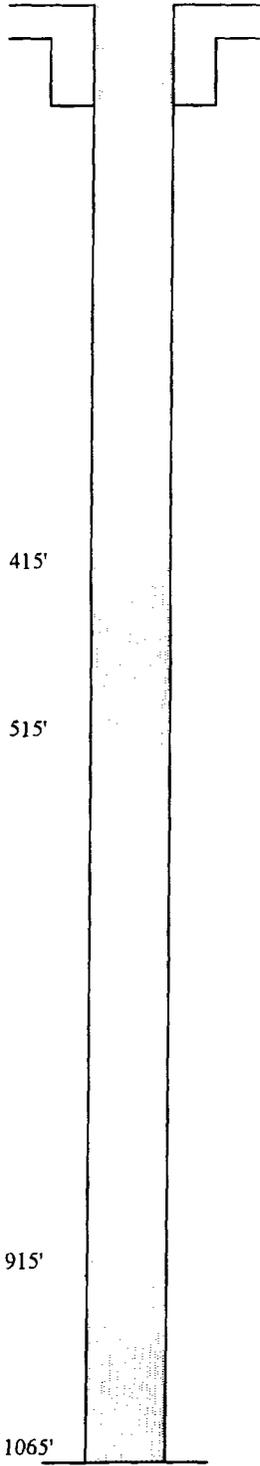
**Well Name:** King Kong #12  
**Location:** 2170' FNL 2460' FWL  
 Sec. 4, T30N, R17W  
 San Juan County, New Mexico

**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**



TD = 1065'

**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**

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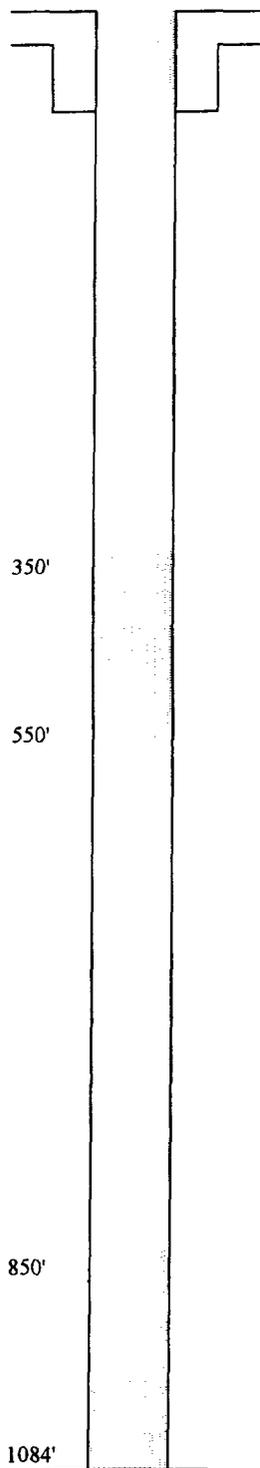
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**GLE** 5113'  
**KB**

**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

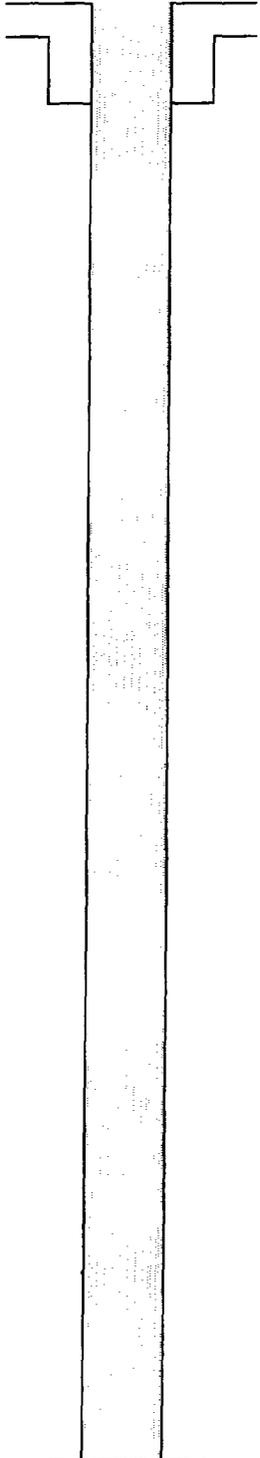
**Well Name:** King Kong #22  
**Location:** 1480' FNL 1980' FEL  
 Sec. 4, T30N, R17W  
 San Juan County, New Mexico

**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**

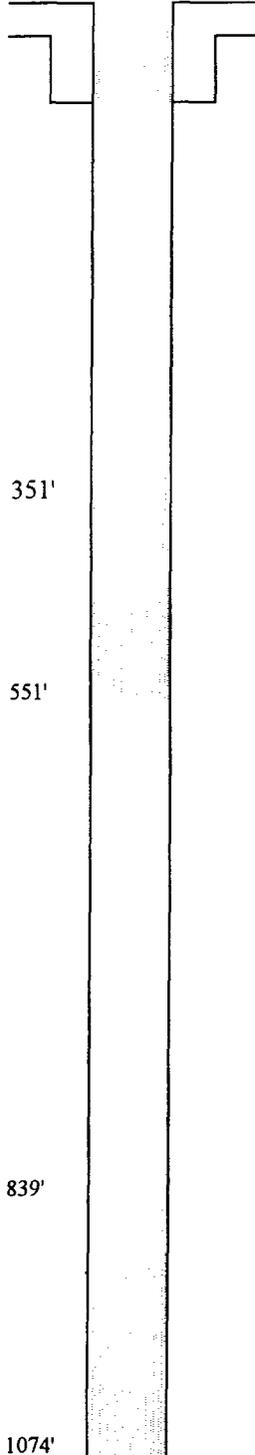
**Well Name:** King Kong #17  
**Location:** 2310' FNL 1580' FEL  
Sec. 4, T30N, R17W  
San Juan County, New Mexico

**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**

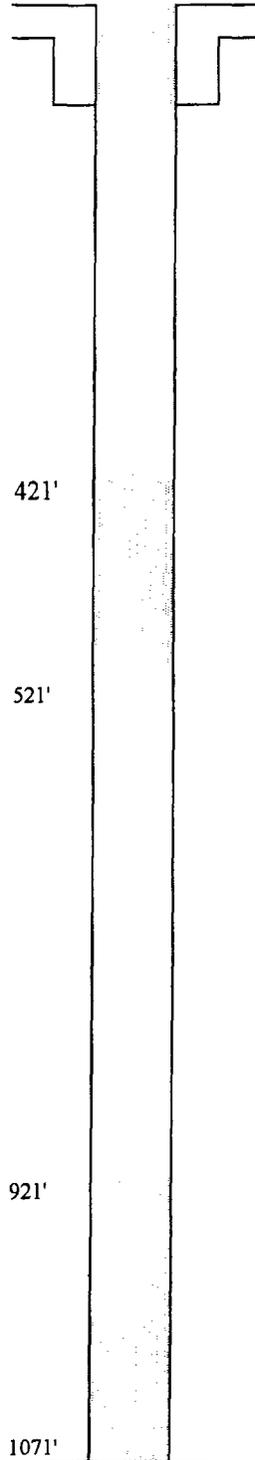
**Well Name:** King Kong #16  
**Location:** 2310' FNL 1780' FEL  
Sec. 4, T30N, R17W  
San Juan County, New Mexico

**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**  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



421'  
521'  
921'  
1071'

TD = 1071'

**GLE** 5103'  
**KB** \_\_\_\_\_

**History**  
Spud Date: 7/14/75  
Original Owner: R. A. Crane, Jr.  
IP - BOD  
IP - MCFD  
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

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

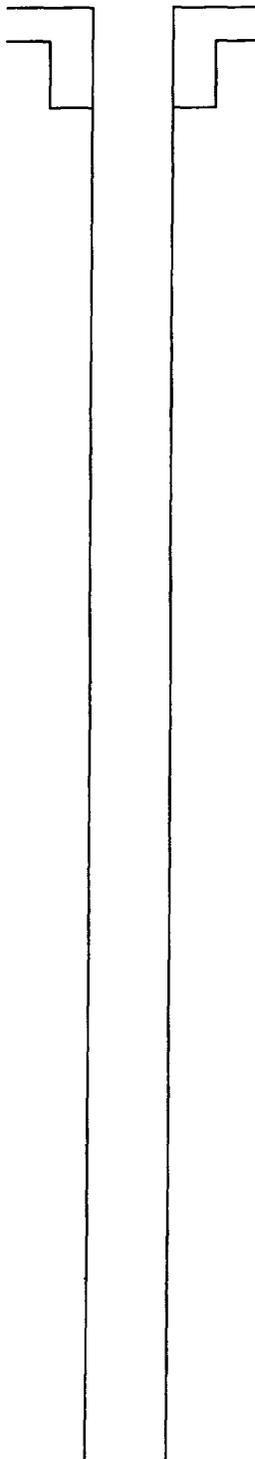
**Well Name:** King Kong #15  
**Location:** 1810' FNL 1980' FEL  
 Sec. 4, T30N, R17W  
 San Juan County, New Mexico

**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**  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

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



TD = 1074'

**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

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

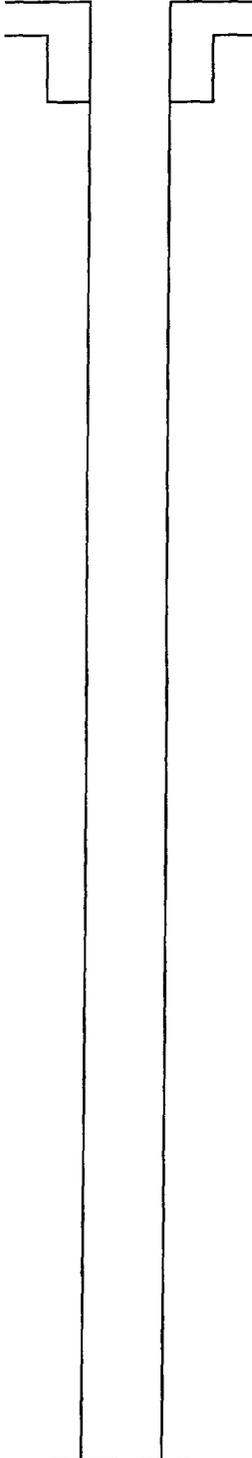
**Well Name:** King Kong #14  
**Location:** 2110' FNL 1980' FEL  
Sec. 4, T30N, R17W  
San Juan County, New Mexico

**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**  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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



**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**

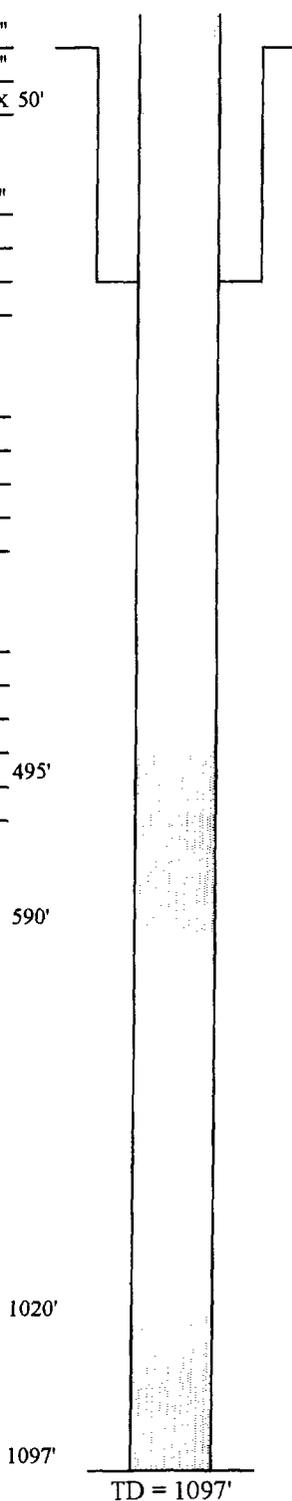
**Well Name:** King Kong #2  
**Location:** 1155' FSL, 165' FWL  
Sec. 4, T30N, R17W  
San Juan County, New Mexico

**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  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

495'  
590'  
1020'  
1097'  
TD = 1097'

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

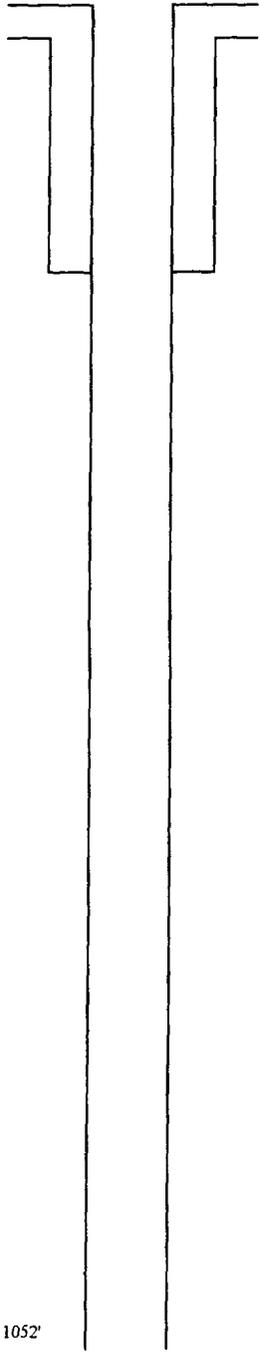
**Well Name:** King Kong #1-X  
**Location:** 1800' FSL, 182' FWL  
Sec. 4, T30N, R17W  
San Juan County, New Mexico

**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  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

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**

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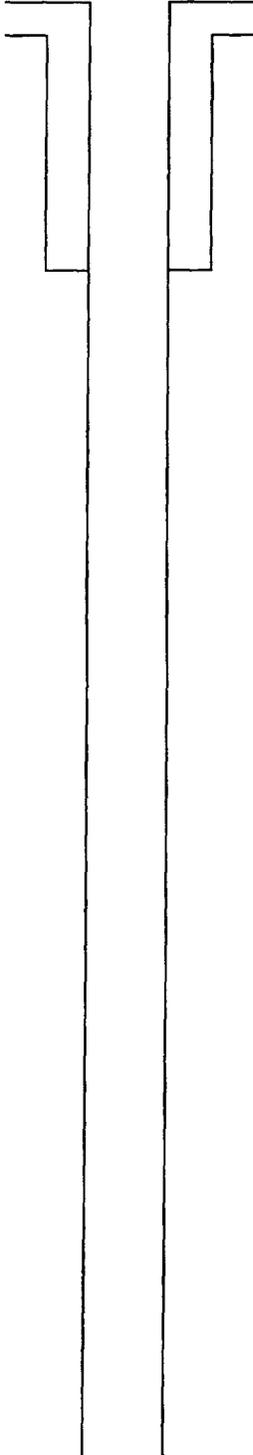
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**GLE** 5070'  
**KB**

**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 #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**

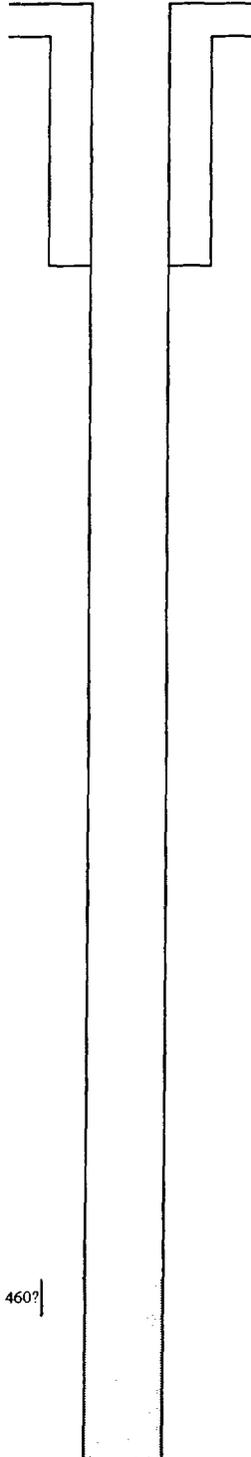
Hole Size:  
 Casing: 5-1/2" 15#  
 Setting Info: 499' w/ 150 sx  
 Plug back depth:

**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**

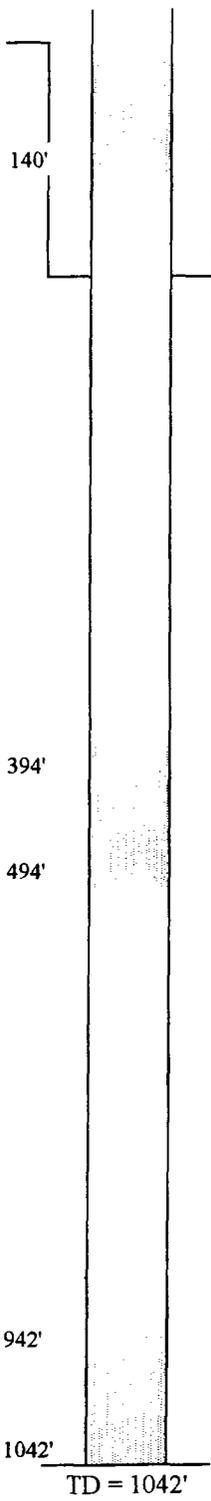
**Well Name:** Navajo G-1  
**Location:** 1530' FNL, 330' FEL  
 Sec. 5, T30N, R17W  
 San Juan County, New Mexico

**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:** 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**

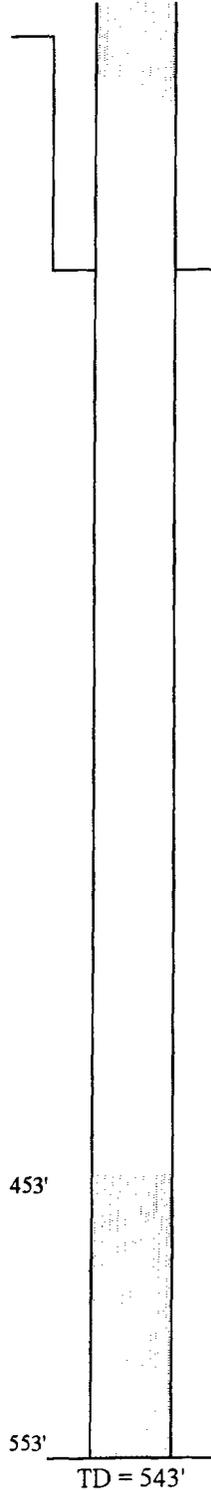
Spud Date: 1957  
 Original Owner: King Oil  
 IP - 0 BOD  
 IP - 0 MCFD  
 IP - 0 BWD

**Completion Info:**

Drilled & Abandoned

**Current Info:**

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



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**

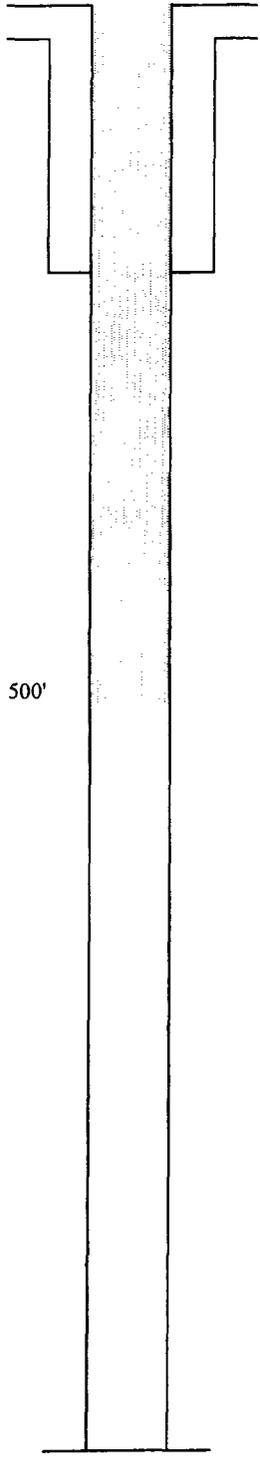
Hole Size: \_\_\_\_\_  
 Casing: \_\_\_\_\_  
 Setting Info: \_\_\_\_\_  
 Plug back depth: \_\_\_\_\_

**Formation Tops**

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

**Perforations**

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



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

**History**

Spud Date: \_\_\_\_\_  
 Original Owner: \_\_\_\_\_  
 IP - 24 BOD \_\_\_\_\_  
 IP - 0 MCFD \_\_\_\_\_  
 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**

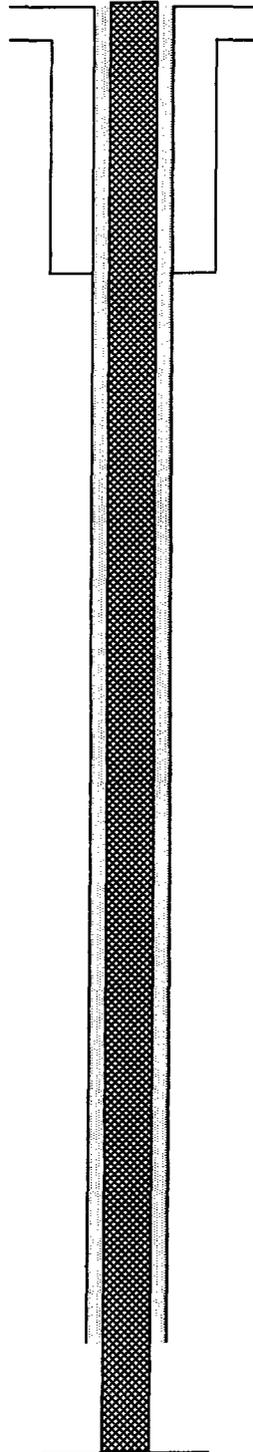
Hole Size: 5-5/8"  
 Casing: 4-1/2" 9.5# @ 1048'  
 Setting Info: 75 sx  
 Plug back depth:

**Formation Tops**

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

**Perforations**

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



4-1/2" @ 1048'

3-7/8" hole to 1063'  
 left open hole

TD = 1063'

**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  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

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

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

**Surface Casing**

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

**Intermediate Casing**

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

**Production Casing**

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

**Formation Tops**

Gallup 442'  
 Dakota 1039'

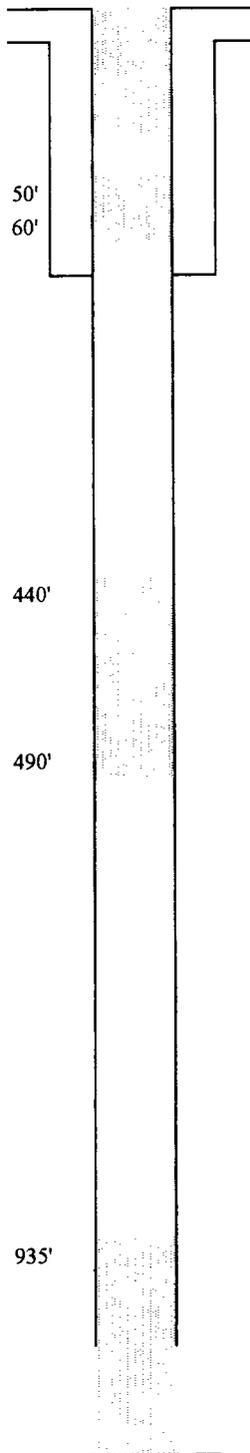
**Perforations**

\_\_\_\_\_

\_\_\_\_\_

4-1/2" @ 1039'

1039' to 1043'  
 open hole



TD = 1043'

**GLE** 5065  
**KB**

**History**

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

**Completion Info:**

Open hole in Dakota

**Current Info:**

Plugged and Abandoned 7/12/58  
 15 sx from 1010-935  
 10 sx from 490-440'  
 2 sx from 60-50  
 4 sx at surface

**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**

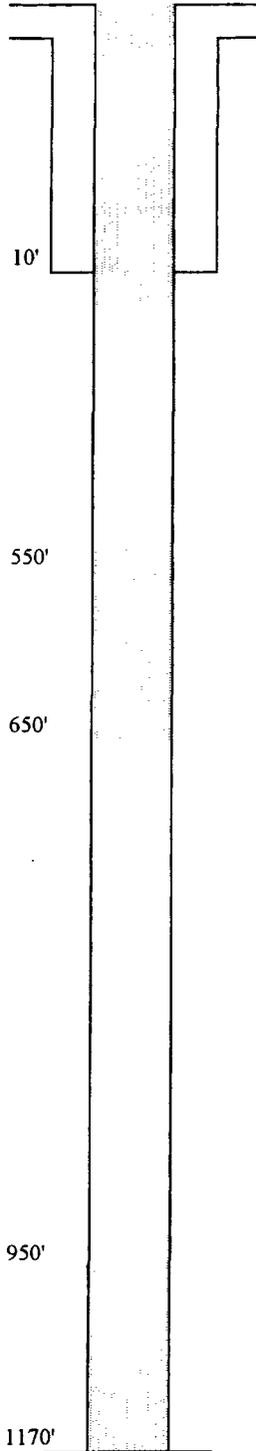
Hole Size: 5-5/8" to 1070'  
Casing: \_\_\_\_\_  
Setting Info: \_\_\_\_\_  
Plug back depth: \_\_\_\_\_

**Formation Tops**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
550'

**Perforations**

\_\_\_\_\_  
\_\_\_\_\_  
650'



**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  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

TD = 1170'

**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**

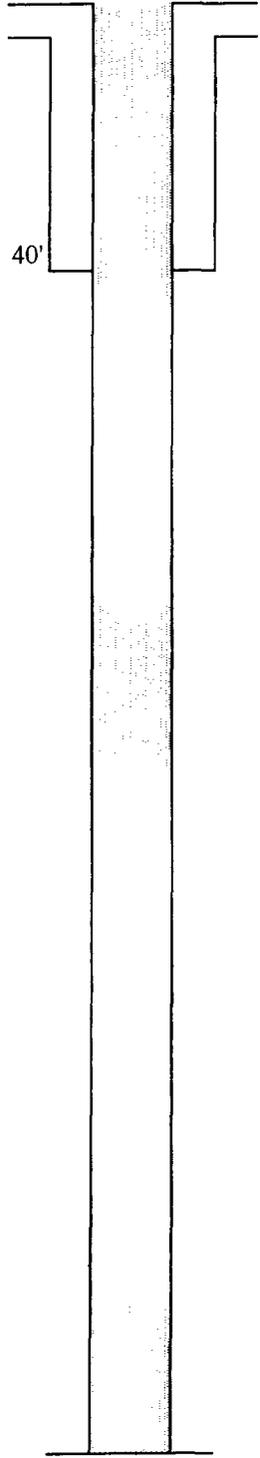
Hole Size: 6-3/4" to 1103'  
 Casing:  
 Setting Info:  
 Plug back depth:

**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**

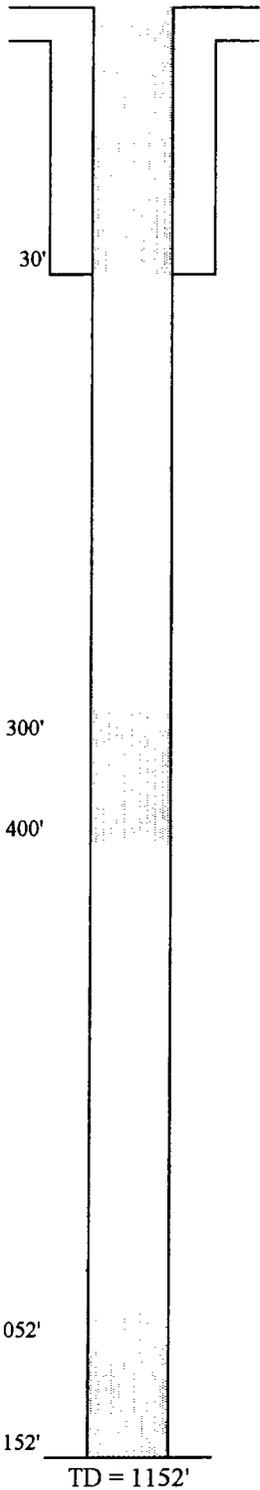
**Well Name:** Bobbie Jane #1  
**Location:** 660' FNL, 660' FEL  
Sec. 8, T30N, R17W  
San Juan County, New Mexico

**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**

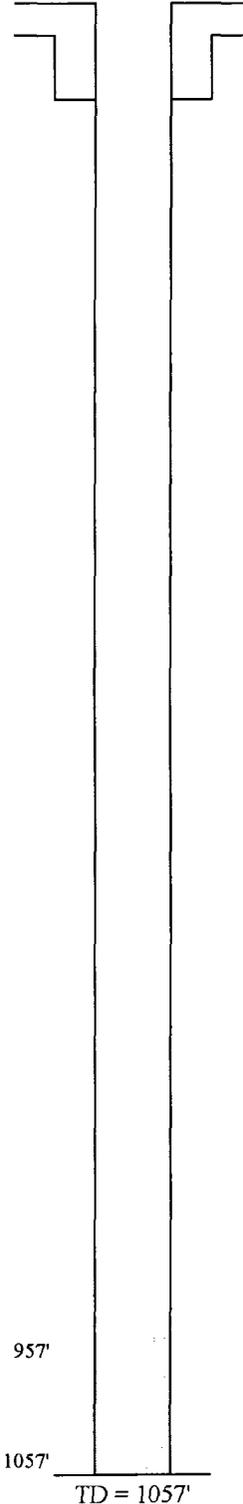
Hole Size: 6-3/4"  
Casing: 5-1/2"  
Setting Info: 30' w/ 20 sx

**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**

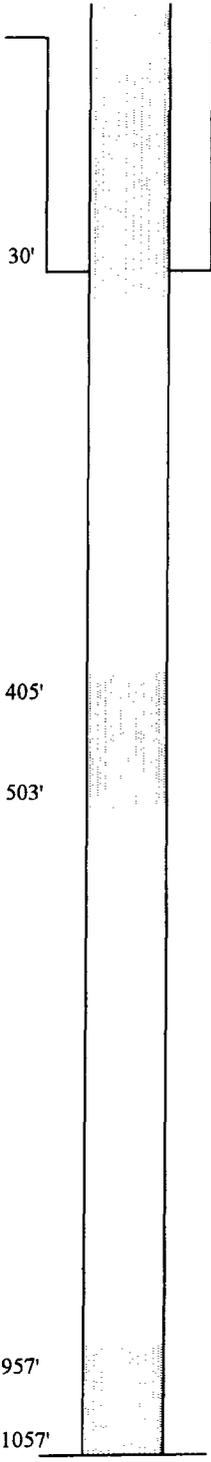
Hole Size: 4-3/4" to 1057'  
Casing: \_\_\_\_\_  
Setting Info: \_\_\_\_\_  
Plug back depth: \_\_\_\_\_

**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**

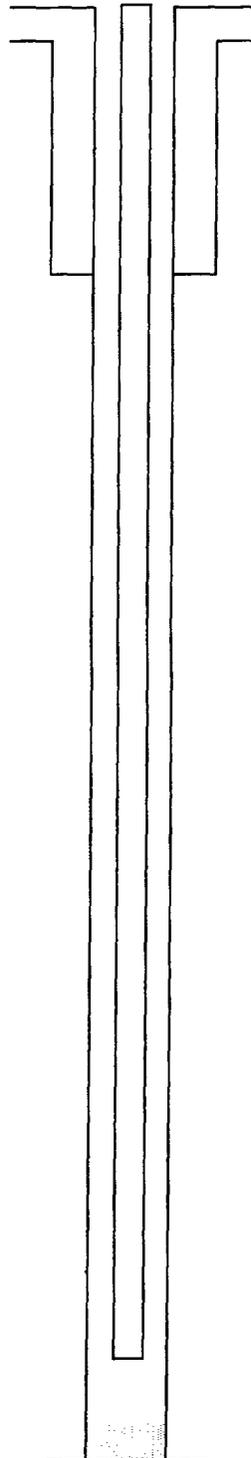
Hole Size:  
 Casing: 4-1/2" 9.5# @ 1095'  
 Setting Info: 100 sx  
 Plug back depth: 1080'

**Formation Tops**

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

**Perforations**

None on re-entry  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_



PBD 1081'

TD = 1095'

**GLE** 5063'  
**KB**

**History**

Spud Date: 3/20/68  
 Original Owner:  
IP - 3 BOD  
IP - 0 MCFD  
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  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

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

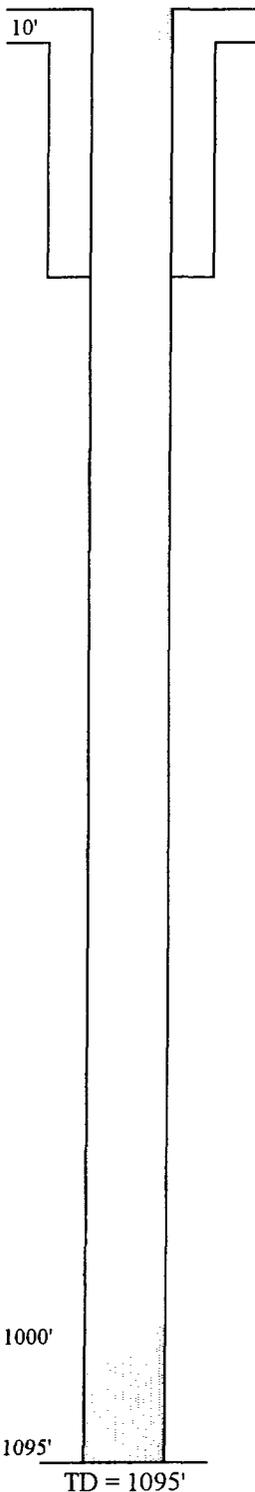
**Well Name:** Navajo H #1  
**Location:** 1980' FSL, 330' FEL  
 Sec. 5, T30N, R17W  
 San Juan County, New Mexico

**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**

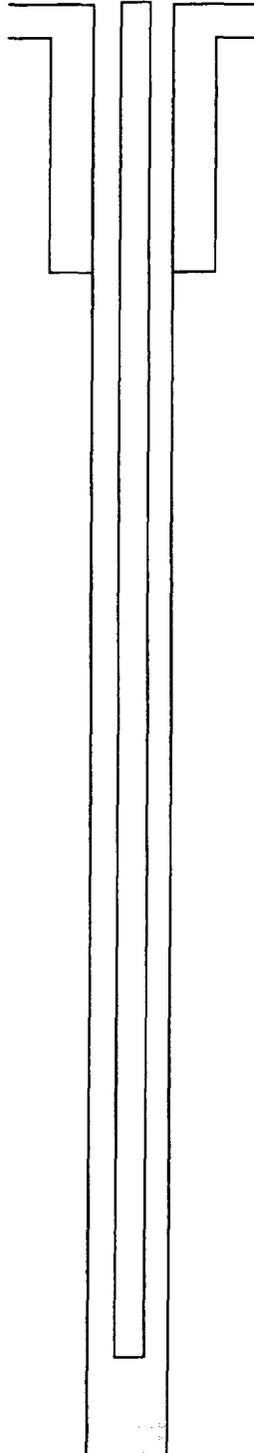
**Well Name:** Clark Kent #1  
**Location:** 1850' FSL, 155' FEL  
Sec. 5, T30N, R17W  
San Juan County, New Mexico

**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'  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



TD = 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

**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**

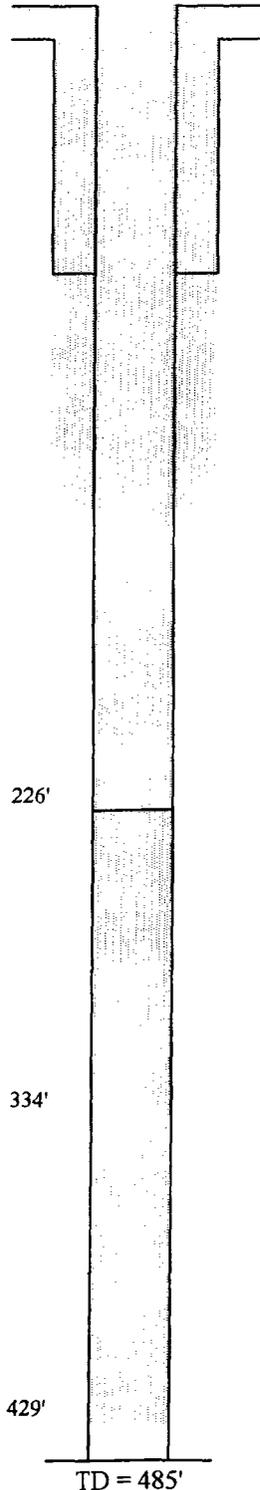
Hole Size: 6-1/4"  
 Casing: 4-1/2" 11.5# @ 475'  
 Setting Info: 75 sx  
 Plug back depth: \_\_\_\_\_

**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**

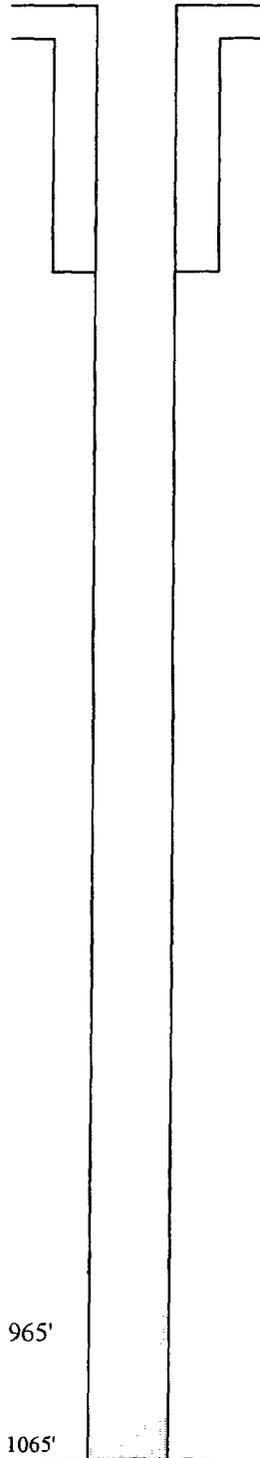
Hole Size: 6-1/4"  
 Casing: 4-1/2" @ 1050'  
 Setting Info: 25 sx  
 Plug back depth:

**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**

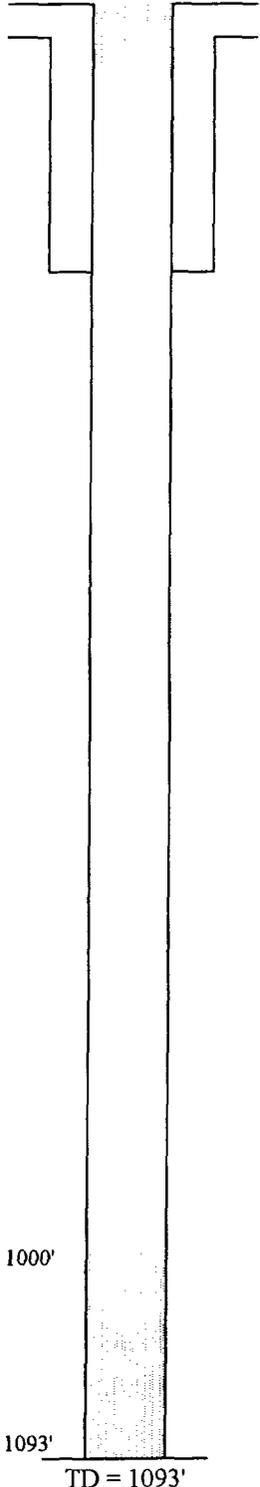
Hole Size: 6-1/4"  
 Casing: 4-1/2" @ 1093'  
 Setting Info: 100 sx  
 Plug back depth:

**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**

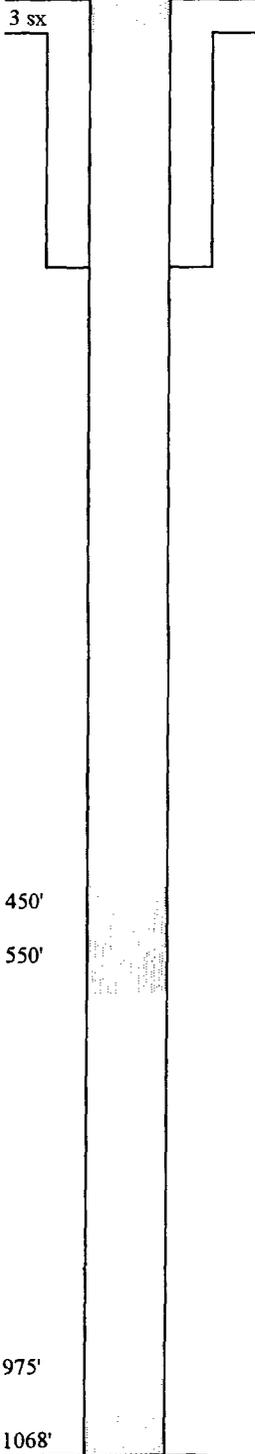
Hole Size: \_\_\_\_\_  
 Casing: \_\_\_\_\_  
 Setting Info: \_\_\_\_\_  
 Plug back depth: \_\_\_\_\_

**Formation Tops**

Mancos Surface  
 Gallup 464'  
 Dakota 1060'

**Perforations**

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



**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**

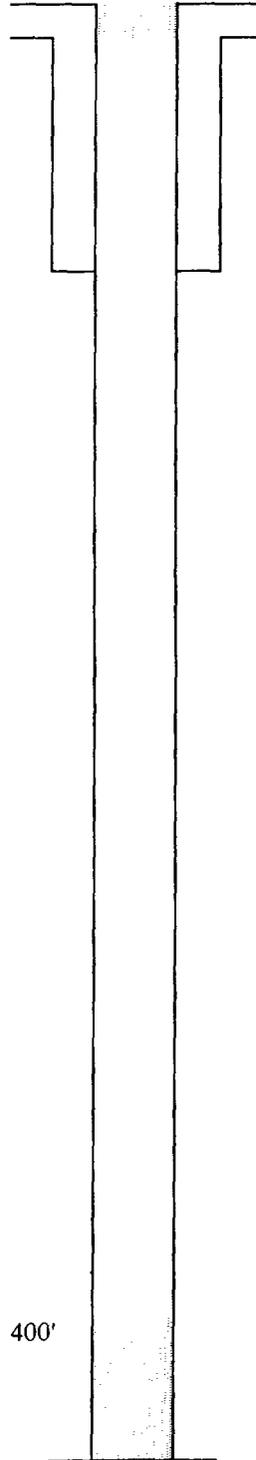
Hole Size: \_\_\_\_\_  
 Casing: 5-1/2"  
 Setting Info: \_\_\_\_\_  
 Plug back depth: \_\_\_\_\_

**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)

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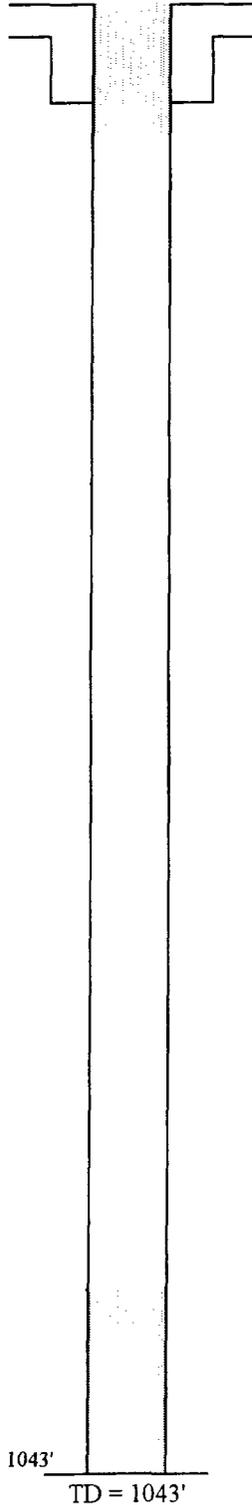
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**GLE** 5065'  
**KB**

**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

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

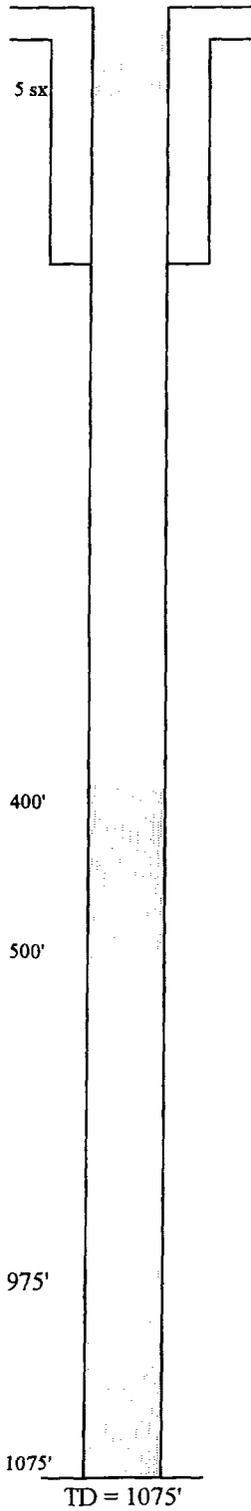
**Well Name:** King Kong #7  
**Location:** 1485' FNL, 1000' FWL  
 Sec. 4, T30N, R17W  
 San Juan County, New Mexico

**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.

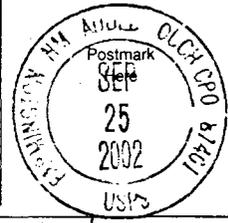
Legal No. 46835, published in The Daily Times, Farmington, New Mexico, Sundays, September 29 & October 6, 2002.

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

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