

Gulf Oil Corp.



LEASE PLAT

W. A. RAMSAY (NCT-C)
Lea County, New Mexico

- Legend -

- Pertinent Lease
- Pertinent Well

Gulf Oil Corp.
Feb. 7, 1962

Case No. 2487
Exhibit No. 1

Subject: Baker Model "J" Single-Grip and Double-Grip Snap-Set Dual Packers, Prod. Nos. 756-J and 757-J

INDEX: 255.06
Unit : 1495 (CDERX)
Page : 9 of 16
Date : April 1, 1961

BAKER MODEL "J" SINGLE-GRIP SNAP-SET DUAL PACKER
PRODUCT NO. 756-J

Item Nos. refer to Drawing on Page 8

PARTS LIST

† Numbers shown in brackets after part number indicate quantity.

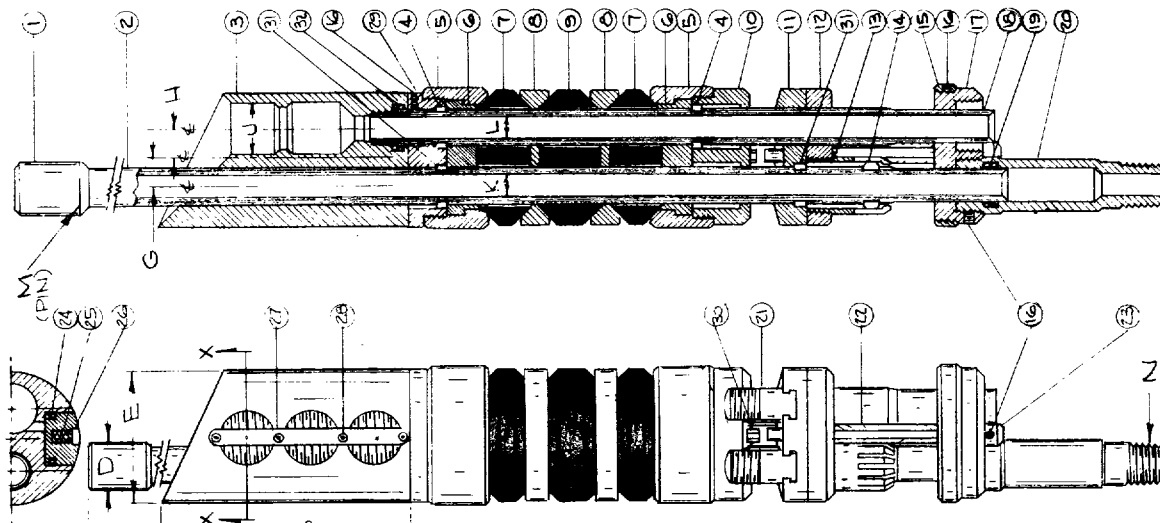
ITEM NO.	PART NAME	NO. REQ'D	RECOM. SPAC. PARTS PER RUN	SIZE 44 (1.900 x 1.53)	SIZE 45 (2-1/16 x 1.53)	SIZE 46 (2-3/8 x 2.28)	SIZE 47 (2-3/8 x 2.28)	SIZE 51 (3-1/2 x 3.75)
1	Crossover Coupling (Box Up as ordered)	1	--	47321	45189	44475	44350	44350
2	Fixed String Mandrel	1	--	47324	45208	44466	46774	46774
3	Top Guide	1	--	44B-47309 44C-47310	45A-45231 45B-45231 45C-45229	44480	45A-51914 45B-51914 45C-51915	47C-44875 47D-44876
4	Receptacle	1	--	47327	46842	47363	46796	46796
5	Top Connector	1	--	47325	45209	44474	46764	46764
6	Hex. Soc. Set Screw	1 Set	1 Set	1/4-20 x 1/4 [2]	44474	44474	44401	44401
7	Split Ring	2	--	44914	44914	44454	46772	46772
8	Gage Ring	2	--	44B1-47313 44B2-47314 44C-47315	45A-45206 45B-44451 45C-44452	45A-44451 45B-44452 45C-44453	46A-45802 46B-45803 46C-45804	47C2-44356 47C6-44358 47D2-44359 47D4-44360
9	Gage Ring Insert	2	--	47316	45207	44453	46763	46763
10	End Packing Element	2	2	44B-47307 44C-47309	45A-45221 45B-45223 45C-45173	45A-44432 45B-44433 45C-44434	45A-45729 45B-46786 45C-46753	47C2-44034 47C6-45198 47D-44040
10A	End Packing Element (Alternate Packing Element System)	1	1	--	45A-51127 45B-51128 45C-51129	45A-51130 45B-51131 45C-51134	46A-51135 46B-51136 46C-51137	47C2-51140 47C6-51141 47D-51142
11	Packing Element Spacer	2	--	44B-47311 44C-47312	45A-45203 45B-45203 45C-45238	45A-44456 45B-44457 45C-46770	46A-46776 46B-46777 46C-46778	47C-44893 47D-44922
12	Center Packing Element	1	1	44B-47308 44C-47310	45A-45222 45B-45226 45C-45172	45A-44590 45B-44589 45C-46754	46A-46781 46B-46782 46C-46783	47C2-44577 47C6-45197 47D-44578
12A	Center Packing Element (Alternate Packing Element System)	1	1	--	45A-50657 45B-50658 45C-50658	45A-50659 45B-50660 45C-50663	46A-50661 46B-50662 46C-50663	47C2-50655 47C6-50656 47D-50656
13	Cone	1	--	44B-47405 44C-47406	45A-45243 45B-45241 45C-45242	45A-44458 45B-44459 45C-46767	46A-46768 46B-46769 46C-46770	47C-44915 47D-44921
14	Slip Ring	1	--	44B-47406 44C-47409	45A-45185 45B-45230 45C-45240	45A-44460 45B-44461 45C-46770	46A-46768 46B-46769 46C-46770	47C-44915 47D-44921
15	Slip Ring Retainer	1	--	47320	45161	44468	46771	46771
16	Snap Sleeve	1	--	48255	47413	44472	47648	47648
17	Control Ring	1	--	45216	45216	44467	44378	44378
18	Guide Ring	1	--	44B1-47317 44B2-47318 44C-47319	45A-45178 45B-45233 45C-45235	45A-44463 45B-44464 45C-45235	46A-45178 46B-45233 46C-45235	47C2-44385 47C6-44387 47D-44388 47D4-44389
19	Bottom Connector	1	--	47323	45177	44465	46775	46775
20	Retrievable String Mandrel	1	--	48063	45234	47542	46773	46773
21	Slip	1 Set	1 Set	47407 [2]	45A-42424 [4] 45B-42425 [4] 45C-42425 [4]	45A-42424 [4] 45B-42425 [4] 45C-42425 [4]	46A-42424 [4] 46B-42425 [4] 46C-42425 [4]	47C-44293 [4] 47D-44293 [4] 47D4-44293 [4]
22	Tie Rod	2	--	47308	44470	44471	46762	46762
23	Retaining Nut	2	--	47374	568-135-H4	6230-4-H4	6230-7-H4	6230-11-H4
24	O-Ring	2	2	6230-3-H4	568-135-H4	6230-4-H4	6230-7-H4	6230-11-H4
25	Bottom Sub	1	--	--	45171	44469	44382	44382
26	O-Ring	1 Set	1 Set	6227-25-H4 [4]	568-135-H4 [2]	6227-26-H4 [2]	6227-23-H4 [2]	6230-4-H4 [2]
27	Split Ring	2	--	44454	44914	44455	44364	44364
28	Limit Sleeve	1	--	48103	--	--	--	--
29	Hex. Soc. Set Screw	2	2	1/4-20 x 1/4	--	--	--	--
30	Hex. Soc. Set Screw	1	1	1/4-20 x 1/2	--	--	--	--
31	Hex. Soc. Set Screw	2	2	10-32 x 1/4	--	--	--	--
--	Crossover Sub	1	--	--	50862	--	--	--

BAKER MODEL "J" DOUBLE-GRIP SNAP-SET DUAL PACKER
PRODUCT NO. 757-J

SIZES 45 - 51

Subject: Baker Model "J" Single-Grip and Double-Grip Snap-Set Dual Packers, Prod. Nos. 756-J and 757-J

INDEX: 255.06
Unit : 1495 (CDERX)
Page : 10 of 16
Date : April 1, 1961



DIMS.	SIZE 45		SIZE 46		SIZE 47		SIZE 51	
	1.900 x 2.06	2-1/16 x 1.53	2-3/8 x 1.53	2-3/8 x 2.28	2-3/8 x 2.28	2-7/8 x 2.68	3-1/2 x 3.25	3-1/2 x 3.75
A	16-1/2	18-1/4	18-11/16	17	18-1/16	21-1/2	23-1/8	23-1/8
B	21-1/8	22-3/4	24-7/16	17-7/8	20-7/8	17-7/16	20-13/16	20-13/16
C	80-1/4	85-3/4	85-7/8	82-3/4	86-1/2	103	94-1/4	94-1/4
D *	2-3/8	2-1/2	2-15/16	2.910	2.910	3-1/2	4-5/16	4-5/16
E	45A3-4.500 45C-5.062	4.500	4.500	5.437	47C-5.938 47D-6.437	47C-5.938 47D-6.437	8.312	8.312
G	1.062	.906	.812	1.140	1.375	1.152	1.968	1.968
H	1.062	1.218	1.343	1.375	1.375	1.640	1.968	1.968
J	2.062	1.531	1.511	2.281	2.281	2.281	3.250	3.750
K	1-9/16	1-11/16	1-15/16	1-15/16	1-15/16	2-3/8	3	3
L	1-9/16	1	15/16 †	1-9/16	1-15/16	1-9/16	3	3
M **	1.900 OD NU 10 RD. (PIN)	2-1/16 OD NU 10 RD. (PIN)	2-3/8 OD NU 10 RD. (PIN)	2-3/8 OD NU 10 RD. (PIN)	2-3/8 OD NU 10 RD. (PIN)	2-7/8 OD NU 10 RD. (PIN)	3-1/2 OD NU 10 RD. (PIN)	3-1/2 OD NU 10 RD. (PIN)
N	1.900 OD \$ EU 10 RD.	1.900 OD † EU 10 RD.	2-3/8 OD EU 8 RD.	2-3/8 OD EU 8 RD.	2-3/8 OD EU 8 RD.	2-7/8 OD EU 8 RD.	3-1/2 OD EU 8 RD.	3-1/2 OD EU 8 RD.
S	1.900 OD NU 10 RD.	--	1.315 OD NU 10 RD.	--	--	--	--	--

* Maximum Coupling Diameter.

** Crossover Coupling, Product No. 469-C Box Up as ordered.

† Special I.D. clearance on Size 45 (2-1/16 x 1.53) - use 1.700 I.D. Crossover Coupling, Product No. 469-C.

‡ Short String Mandrel on Size 45 (2-3/8 x 1.53) does not have full drift I.D.

\$ Crossover Sub furnished provides EU Pin thread.

Based on T/M Dwg.
144-339 & 148-044
BAKER OIL TOOLS, INC.,

Case No. 2487
Exhibit No. 4

SIZE 45 (1.900 x 2.06) & (2-3/8 x 1.53) ONLY

13-3/8", 48#, H-40 Csg. set
at 997' cmtd. w/660 sx cmt. circ.

9-5/8", 36#, J-55 Csg. set at
3461', cmtd. w/730 sx cmt. circ.

2-3/8", 4.60#, J-55 Buttress-
Thread Tbg. set @ 7025'

7001'

Fusselman Perforations

7021'

Baker Model "J" Pkr. set @ 8015'

2-3/8", 4.50#, J-55 Buttress-
Thread Tbg. set @ 8015'

8030'-34'

8038'-42'

McKee Perforations

8070'-74'

8083-87'

7", 20-23# Csg. set at
8520', cmtd. w/700 sx TSITC
@ 4380'

2-3/8", 4.60#, J-55 Buttress-
Thread Tbg. set @ 8490'

Baker Model "D" Pkr. set @ 8430'

8445'-47'

8459'-63'

Ellenburger Perforations

8473'-77'

8488'-92'

T. D. 8520'
P. E. 8510'

PROPOSED MECHANICAL INSTALLATION
OIL-OIL-OIL TRIPLE COMPLETION

W. A. RAMSAY (NCT-C) NO. 3

NORTH JUSTIS FUSSELMAN, NORTH
JUSTIS ELLENBURGER & UNDESIGNATED
McKEE OIL POOLS

Lea County, New Mexico

Gulf Oil Corp.

13-3/8" 48#, H-40 Csg.
set at 997' cmtd.w/660
sx cmt. circ.

9-5/8", 36#, J-55 Csg.
set at 3461', cmtd.
w/730 sx cmt. circ.

2-3/8", 4.60#, J-55 Buttress-
Thread Tbg. set @ 7025'

7001'

Fusselman Perforations

7021'

Baker Model "J" Pkr.
set @ 8015'

2-3/8", 4.60#, J-55 Buttress-
Thread Tbg. set @ 8015'

8030'-34'

8038'-42'

8070'-74'

8083-87'

McKee Perforations

7", 20-23# Csg. set at
8520', cmtd. w/700 sx
TSITC @ 4380'

2-3/8", 4.60#, J-55 Buttress-
Thread Tbg. set @ 8490'

Baker Model "D" Pkr.
set @ 8430'

8445'-47'

8459'-63'

Ellenburger Perforations

T. D. 8520'

P. B. 8510'

PROPOSED MECHANICAL INSTALLATION
OIL-OIL-OIL TRIPLE COMPLETION

W. A. RAMSAY (NCT-C) NO. 3

NORTH JUSTIS FUSSELMAN, NORTH
JUSTIS ELLENBURGER & UNDESIGNATED
McKEE OIL POOLS

Lea County, New Mexico

Gulf Oil Corp.
Feb. 7, 1962

Case No. 2487
Exhibit No. 3

SCHLUMBERGER**LATEROLOG**SCHLUMBERGER WELL SURVEYING CORPORATION
Houston, Texas

COUNTY <u>LEA</u> FIELD or LOCATION <u>NORTH JUSTIS</u> WELL <u>W. A. RAMSAY (NCT-C)</u> COMPANY <u>GULF OIL CORP.</u>	COMPANY <u>GULF OIL CORP.</u>		Other Surveys SGR, MLL, DL	
	WELL <u>W. A. RAMSAY</u> <u>(NCT-C) : 3</u>		Location of Well 1650' FSL 330' FWL	
	FIELD <u>NORTH JUSTIS</u>		Elevation: K.B.: <u>3152</u> D.F.: or G.L.: <u>3140</u>	
	LOCATION <u>SEC. 36-24S-37E</u>			
COUNTY <u>LEA</u>		STATE <u>NEW MEXICO</u>		
Log Depths Measured From <u>KB</u> <u>12</u> Ft. above <u>GL</u>				
RUN No. <u>1</u>		Case No. <u>2487</u>		Exhibit No. <u>2</u>
Date	<u>12-26-61</u>			
First Reading	<u>8502</u>			
Last Reading	<u>4600</u>			
Feet Measured	<u>3902</u>			
Csg. Schlum.	<u>-</u>			
Csg. Driller	<u>3463</u>			
Depth Reached	<u>8507</u>			
Bottom Driller	<u>8510</u>			
Mud Nat.	<u>SALT, STARCH</u>			
Dens.	<u>9.3</u>	<u>35.2</u>		
Mud Resist.	<u>.11</u>	@ <u>72 F</u>	@ <u>F</u>	@ <u>F</u>
" Res. BHT	<u>.06</u>	@ <u>133 F</u>	@ <u>F</u>	@ <u>F</u>
" pH	<u>7</u>	@ <u>F</u>	@ <u>F</u>	@ <u>F</u>
" Wtr. Loss	<u>11</u>	CC 30 min	CC 30 min	CC 30 min
" Rmf (M)	<u>.082</u>	@ <u>72 F</u>	@ <u>F</u>	@ <u>F</u>
" Rmc (M)	<u>.17</u>	@ <u>72 F</u>	@ <u>F</u>	@ <u>F</u>
Bit Size	<u>8 3/4"</u>			
Laterolog 3	<u>a= 6"</u>	<u>;L= 5'</u>	<u>a=</u>	<u>;L=</u>
Laterolog 7	<u>a=</u>	<u>;n=</u>	<u>a=</u>	<u>;n=</u>
Opr. Rig Time	<u>3 HRS.</u>			
Truck No.	<u>1548-KERMIT</u>			
Recorded By	<u>RANSBARGER</u>			
Witness	<u>KELLIHER</u>			