

**BEFORE THE OIL CONSERVATION COMMISSION  
OF THE STATE OF NEW MEXICO.**

**IN THE MATTER OF THE JAL OIL COMPANY, INC.)  
FOR PERMISSION TO EFFECT DUAL COMPLETION )  
(OIL-OIL) OF ITS JAL OIL COMPANY SARKEYS )  
#2, LOCATED 660 FEET SOUTH OF THE NORTH )  
LINE AND 660 FEET EAST OF THE WEST LINE )  
OF SECTION 25, TOWNSHIP 21 SOUTH, RANGE )  
37 EAST, N.M.P.M., LEA COUNTY, NEW MEXICO )  
IN THE BLIMEBRY AND TUBBS POOL. )**

**CASE NO. \_\_\_\_\_**

COMES NOW Jal Oil Company, operator of that certain well designated as Jal Oil Company, Inc. Sarkeys Well #2, located 660 feet South of the North line and 660 feet East of the West line in the NW¼ of Section 25, Township 21 South, Range 37 East, N.M.P.M., Lea County, New Mexico, formerly designated R. Olsen, et al., Sarkeys Well #2, and files this its Amended Application for an oil-oil dual completion producing oil from the Blimebry through perforation points between 5570 feet to 5769 feet and producing oil from the Tubbs Pool through perforation points from 6160 feet to 6315 feet.

Applicant would show that the well was spudded on August 30, 1957 and drilled to a total depth of 6335 feet, drilling completed on or about October 26, 1957.

Applicant would further show that prior to applicant's obtaining title to this Lease, an original Application for

dual completion was filed in October and an Amendment to that Application was filed in November of 1957. The Amended Application was assigned Case No. 1341 and for Hearing on November 20, 1957. Thereafter, by Order of the Commission, the Hearing was vacated.

Applicant would show that there were minor discrepancies appearing in the information contained in the Application, primarily relating to the total depth and perforation points.

Applicant now files its Amended Application, together with supporting exhibits, showing the correct data relative to the perforation points, method of completion, location of the well and the mechanical operation and completion of the well.

In this connection, applicant has attached hereto Exhibit No. "1", being a Chronological Report showing the drilling of the well to its total depth.

Applicant has attached hereto a Chronological Report, marked Exhibit "2", showing the perforation points and the completion methods used by the applicant, as well as the mechanical devices used for dually completing the well.

Attached hereto and marked Exhibit "3" is a cross-section of the bore hole, showing the dual completion data of the well.

Attached hereto, marked Exhibit "4", is the contour map showing the location of the well in question and locating other producing wells in the area and having a contour interval of fifty (50) feet.

Attached hereto, marked Exhibit "5", is a drawing showing dual tubing, suspension assembly, together with a legend fully describing all of the integral parts.

In this connection, applicant would show that packer leakage tests have been run by John W. West, Licensed Surveyor and Engineer, and such tests establish beyond any doubt that there is no co-mingling of oil produced from the Blimbry and Tubbs Sections.

Applicant would further show the Commission that the methods and equipment used in the dual completion of the well are the accepted methods and equipment used in the industry in dual completions of oil-oil wells.

The applicant, by registered mail, has forwarded a copy of this Application to each of the following operators off-setting the subject well;

**SINCLAIR OIL & GAS COMPANY,  
PETROLEUM TOWER BUILDING,  
MIDLAND, TEXAS.**

**GULF OIL CORPORATION,  
POST OFFICE BOX 669,  
ROSWELL, NEW MEXICO.**

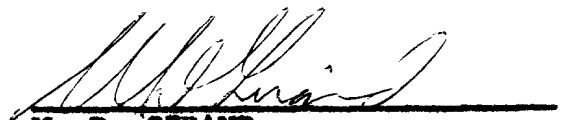
R. OLSEN OIL COMPANY,  
2805 LIBERTY BANK BUILDING,  
OKLAHOMA CITY 2, OKLAHOMA.

HARPER OIL COMPANY,  
HIGHTOWER BUILDING,  
OKLAHOMA CITY 2, OKLAHOMA.

MAGNOLIA PETROLEUM CORPORATION,  
POST OFFICE BOX 662,  
ROSWELL, NEW MEXICO.

Applicant would further show to the Commission that since the first of the year, by special applications, the applicant has received permission to produce three thousand (3000) barrels of oil from the Blimbry Zone for the purpose of testing and in this connection, of the three thousand barrels authorized, applicant has actually produced approximately eighteen hundred barrels (1800) barrels and that the 1800 barrels produced, if chargeable against the allowable of this well, should be made up by the applicant over a six-month period to avoid the complete shut-in of the Blimbry Zone, it being the opinion of the applicant that if applicant is required to completely shut-in the Blimbry Zone until the assigned allowable for such zone has accumulated, the amount of oil heretofore produced, said section will be permanently impaired, resulting in a waste.

WHEREFORE, applicant prays that this matter be set down for Hearing before an Examiner of the Commission, at Hobbs, New Mexico, at the earliest possible date and upon Hearing, the applicant be authorized to dually complete the well designated as Jal Oil Company, Inc. Sarkeys #2, located in the NW $\frac{1}{4}$  of Section 25, Township 21 South, Range 37 East, granting unto such well an allowable from the Blimbry Zone as well as an allowable from the Tubbs Oil Pool in accordance with Rule 505 of the Rules of the Commission and that the Commission enter its appropriate Order requiring the applicant to make up the eighteen hundred barrels of oil heretofore produced for testing purposes over a period of six months from the first six months allowable assigned to said Blimbry section and for such other and further appropriate order as the Commission may find just and proper in the premises.

  
W. D. GIRAND,  
BOX 1445,  
HOBBS, NEW MEXICO.

(ATTORNEY FOR APPLICANT)

# EXHIBIT "1"

## CHRONOLOGICAL REPORT

Sarkeys # 2

Sec. 25 R - 21 S T- 37E Lea County, N.M.

8-29-57 Moving in rig  
 8-30-57 Rigging up - spudded 4:30 A.M. drilling 366'  
 8-31-57 Drilling 1010'  
 9-1-57 Drilled to 1175' Set 54 joints 9 5/8" casing = 1163'  
 Cemented with 700 sacks. Circulated to surface. Plug  
 down 1:30 A.M. Waiting on cement  
 9-2-57 Waiting on cement Drilling @ 1327' Tested casing with  
 500 # Held ok  
 9-3-57 Drilling 2035'  
 9-4-57 Drilling 2579'  
 9-5-57 Drilling 2786'  
 9-6-57 Drilling 3089'  
 9-7-57 Drilling 3234'  
 9-8-57 Drilling 3430'  
 9-9-57 Drilling 3568'  
 9-10-57 Drilling 3689'  
 9-11-57 Drilling 3784'  
 9-12-57 Drilling 3880'  
 9-13-57 Drilling 3986'  
 9-14-57 Drilling 4096'  
 9-15-57 Drilling 4305'  
 9-16-57 Drilling 4490'  
 9-17-57 Drilling 4701'  
 9-18-57 Drilling 4859'  
 9-19-57 Drilling 5047'  
 9-20-57 Drilling 5156'  
 9-21-57 Drilling 5259'  
 9-22-57 Drilling 5423'  
 9-23-57 Drilling 5486'  
 9-24-57 Drilling 5562'  
 9-25-57 Drilling 5615'  
 9-26-57 Drilling 5724'  
 9-27-57 Drilled to 5790'. Pipe stuck 34 stands off bottom 2800'  
 9-28-57 Working pipe Pulled 11 more joints  
 9-29-57 Pulled 7 joints. Backed off pipe. Went in hole with reamers  
 and key seat wipers.  
 9-30-57 Pulled into bridge. Backed pipe off at 1428'  
 10-1-57 Ran reamer and key seat wipers and bumper subs. Screwed into  
 drill collars and worked pipe. Drilling coming up  
 10-2-57 Drilling out of hole Made approximately 30'  
 10-3-57 Drilling out of hole Made approximately 101'  
 10-4-57 Drilled loose at 1:30 P.M. Came out of hole Laid down 20  
 6" drill collars. Put on bit. Hit bridge Drilling on bridge.  
 10-5-57 Drilling bridge to bottom. Drilling @ 5794'  
 10-6-57 Drilled to 5801' Due to condition of hole casing was run at  
 this depth. Form C-102 was filed with Commission asking permission.  
 10-7-57 Ran 77 joints 7" casing 811.47' N-80 23#, 1840.50' J-55 23#  
 1439.74' J-55 28# 10V, 1708.05' N80 23# Set at 5800' Cemented  
 with 600 sacks reg. neat cement below DV Tool. Tool set at  
 1260'. Used 200 sacks neat above DV tool. Circulated cement.  
 Plugged down 8:00 A.M. 10-7-57  
 10-8-57 Waiting on cement  
 10-9-57 Drilled out DV Tool and tested casing with 500# OK Drilling  
 at 5855'  
 10-10-57 Drilling at 5930'

EXHIBIT "1" (CONT'D)

Chronological Report  
Sarkeys # 2

Page 2

10-11-57 Drilling at 6028'  
10-12-57 Drilling at 6134'  
10-13-57 Drilling at 6209'  
10-14-57 Drilling at 6236' TD  
10-15-57 Logged well Waiting on orders  
10-16-57 Waiting on orders Ran 5" OD 17.93# Liner J-56  
544.05' Liner 1.60 Larkin shoe 4.29 Basch Ross Liner Hanger  
Total 549.92' Liner hanger set at 5785' Shoe at 6235' Cemented  
liner with 50 sacks reg. neat Plug down 10:00 P.M. 10-16-57  
Reversed out 10 sacks cement  
10-17-57 Waiting on cement  
10-18-57 Waiting on cement  
10-19-57 Tested liner with 1500# Held ok  
10-20-57 Running 2" tubing displaced mud with water and water with oil  
10-21-57 Perforating waiting on orders  
10-22-57 Finished perforating Tubb zone 6180'-6315' 4 shots per foot  
10-23-57 Ran Baker model D production packer at 6115' acidized with  
9000 gallons SLT acid 500 gallons mud acid  
10-26-57 Completed as of 10-23-57 in Tubb as oil well 52 B O P D

E X H I B I T "2"

C H R O N O L O G I C A L R E P O R T

Barkeys # 2 Blinbry Section

Sec. 25 T - 21 S R - 37 E Lee County, W. Va.

1-30-58 Perforated 5770' to 5789' 4 shots per foot  
1,000 gallons mud acid 7500 gallons HCl acid  
Swabbed well in. Produced 40 barrels oil per day

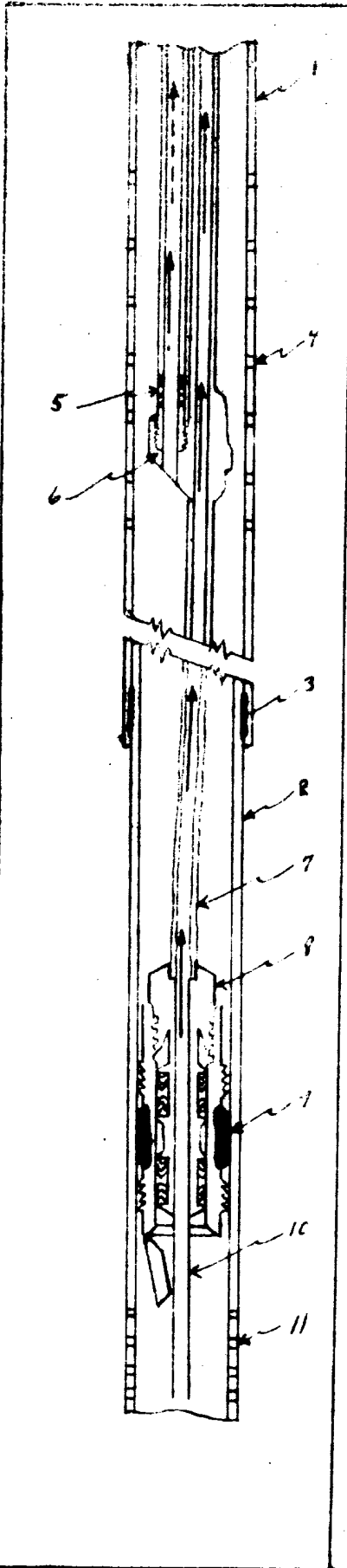
Tubing as follows:

Subbs - Baker Model B 5" packer set at 6115'  
Long string - 6115' 2" 200 Bpd 4.75 I-58 tubing plus  
150' 1 1/2" tubing for anchor pipe  
Short string - 5761' 2" 200 Bpd 4-58 with Ferris bevel collars  
Perforated at 5708-5761' Baker parallel tubing anchor  
at 5761'

W. H. H. H. H.



EXHIBIT "3"



LEASE: Jal Oil Co., Inc. - Sarkeys Well No. 2

FIELD: Tubb Gas Pool

COUNTY: Lea STATE: New Mexico

DUAL COMPLETION DATA

ITEM	DESCRIPTION
1	7" OD 23# Casing set @ 5800'
2	5" OD 17.93# Liner set @ 5785' to 6335' T D
3	Beech Ross Liner Hanger
4	Casing perforations for Blinbry zone 5570' to 5769'
5	Short string 2" KUE 8 rd J-55 tubing with Morris Beveled Collars perforations @ 5758' - 5761'
6	Baker Parallel string anchor with latching sub set @ 5761' Product #699
7	Long string 2" KUE 8 rd J-55 tubing set @ 6115'
8	Baker model E anchor tubing seal assembly with 2 seal units Product # 443-E2
9	5" Baker model D retainer production packer Product # 415-D
10	1 1/2" Slick joint anchor @ 6265'
11	Lower casing perforations Tubb zone 6160' - 6315'

T D : 6335'

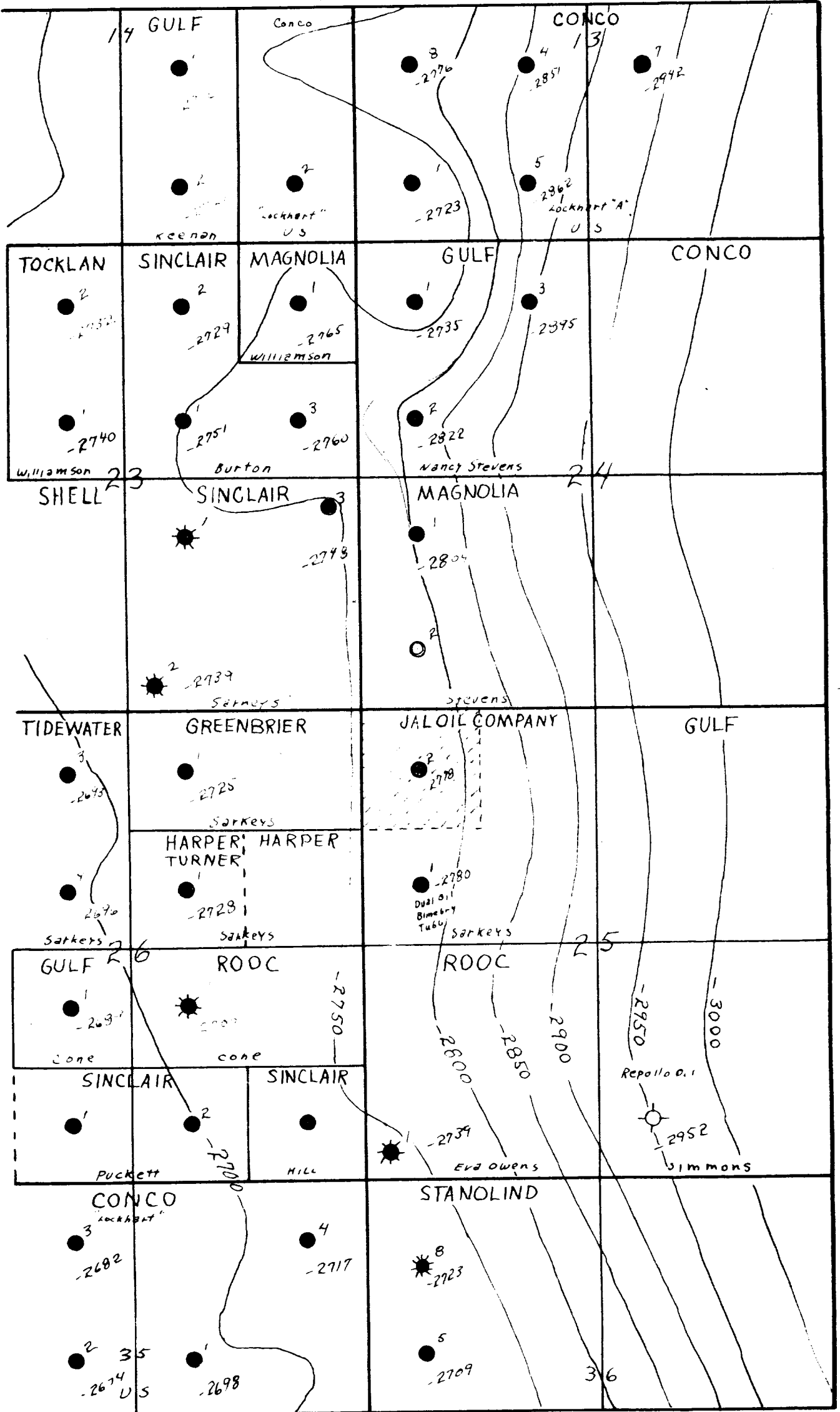
Tubing Head - UCT Dual

Suspension 9 5/8" x 7" x 2"

# SE LEA COUNTY, NEW MEXICO

R 37 E

T 21 S



Contoured on 50' interval scale 1" = 1320'  
 Contoured on Tuba Formation

5-8-58  
 Drawn by Larry Watson

EXHIBIT "5"

**OIL CENTER TOOL CO.**  
**CHRISTMAS TREE PARTS LIST**

10/31/56 vb

TREE NO. X-1427-K

DUAL SUSPENSION

4000# TEST PRESSURE

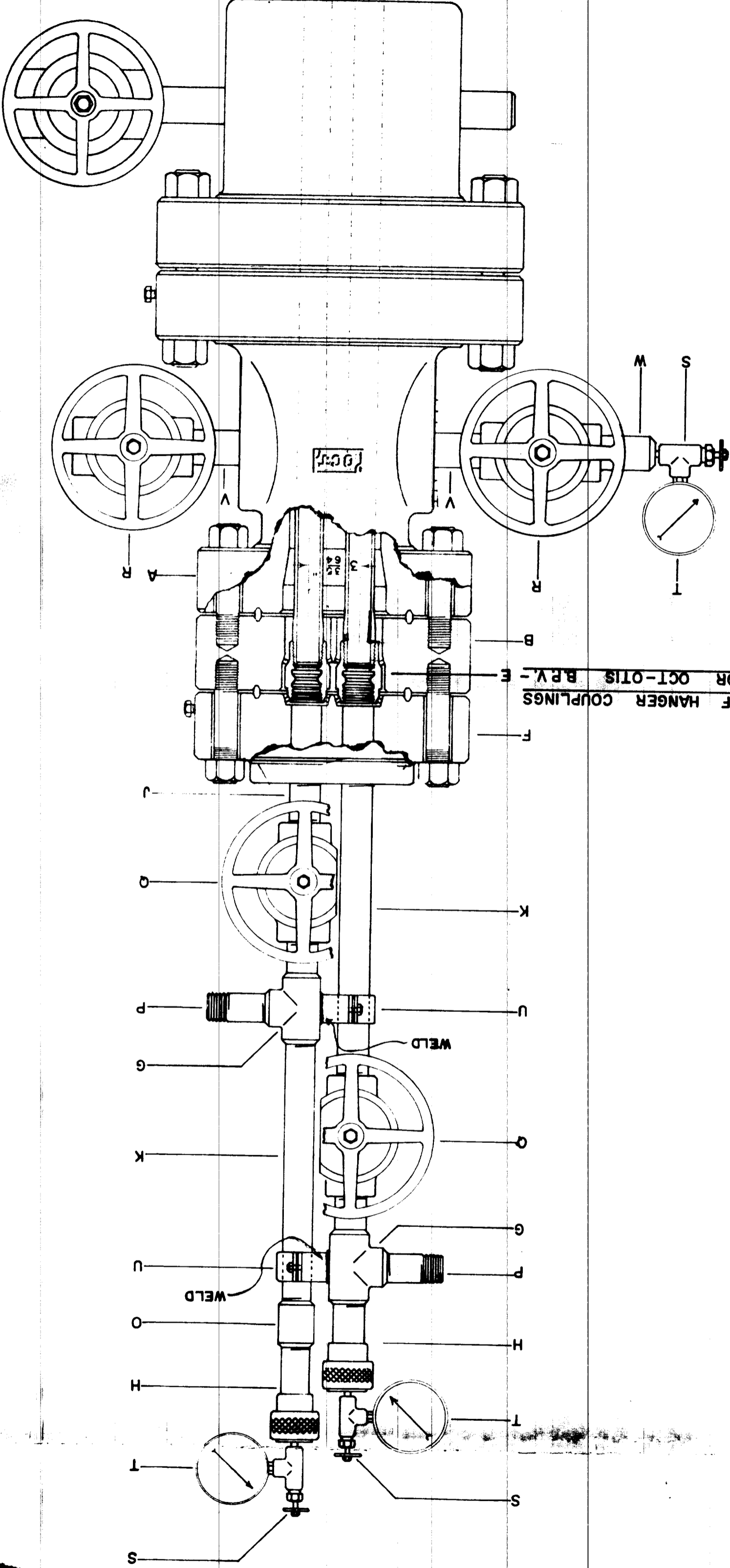
SIZE 7"OD x 2" EUE 8RF x 2" EUE 8RF  
W/ ORBIT VALVES & OCT FLANGE PROTECTORS

2000# WORKING PRESSURE

ITEM	PART NO.	QUAN.	DESCRIPTION	UNIT PRICE	TOTAL PRICE
A		1	7"OD 4000# Test OCT T-16-00 Tubing Head Body Assy. W/ 2-2" LP Thd. Side Outlets & W/10"Ser. 600 Bottom Flange		325.00
B	02-390-315	1	6" Ser. 600 (#45 RG) x6"Ser.600 (#45 RG) x2"EUE x 2" EUE Double Studed OCT SPECIAL Dual Suspension Tubing Head Adapter		272.00
C	73-010-045	2	#45 API Metal Ring Gaskets	7.05	14.10
D	48-110-225	2	6"Ser.600 OCT Flange Protectors	3.75	7.50
E	82-200-006	2	2"EUE 8RF OCT SPECIAL Hanger Couplings Comp.W/Floating Seal Rings&Grooved for BPV102.00	103.00	206.00
F	02-380-315	1	CHARGE for OCT-OTIS Groove for BP Valve 6"Ser.600 (#45 RG) x2"EUE 8RF Thd. OCT SPECIAL Dual Adapter Flange W/ Bottom Drilled & Recessed for Dual suspension SPECIAL 2" EUE 8RF x 2" OCT T-118 Tees W/ Recessed Bodies per Drwg. Z-4906	27.50	55.00
G	Z-4906	2	2" EUE 8RF Male Thd. OCT SPECIAL B-14-A Bottom Hole Test Adapters Approx. 7-1/2" Long per Drwg. Z-5133, Est. #1623	37.50	75.00
H	Z-5133	2	2" EUE 8RF American Mfg. Co. Tubing Coupling	60.00	120.00
J		1	2" EUE 8RF x 6" Long Tubing Nipple		5.05
K		2	2" EUE 8 RF x 24" Long Pup Joint	8.66	17.32
O		1	2" EUE 8RF American Mfg. Co. Tubing Coupling		1.99
P	52-020-114	2	2"x6" OCT XX N-5 Nipples	3.50	7.00
Q	61-605-900	2	2"EUE 8RF 4000# Test SE ORBIT Valves W/ Recessed Bodies	197.00	394.00
R	61-605-025	2	2" 4000# Test SE ORBIT Valves	169.00	338.00
S	88-040-020	3	1/2" OCT MFL Needle Valves	7.35	22.05
T	61-382-003	3	4-1/2" 3000# OCT Xmas Tree Gauges	22.45	67.35
U	Z-5265	2	2"SPECIAL Clamps (to be clamped around pup joint and welded to T-118 Tee)	33.55	67.10
V	52-020-118	2	2"x8" OCT XX N-5 Nipples	3.95	7.90
W	25-320-005	1	2" OCT B-4 Bull Plug		5.35
	19356	1	Guide Bushing for Flex-Floast Adapter Est. #1166, and the following parts:		11.00
	79-030-050		4 - 5/8"x2" Allen Head Cap Screws		
	79-010-590		2 - 1/2" Eye bolts		
	48-010-034		1 - 1/2" Allen Wrench		
TOTAL					2260.71

Above prices effective Nov. 19, 1956, and subject to change without notice.  
PRICES FOB OUR PLANT, HOUSTON, TEXAS.

DUAL TUBING SUSPENSION ASSEMBLY		NO. X-1427-K	
OIL CENTER TOOL CO., INC.		FOR R. OLSEN OIL CO.	
11-2-56		H.F.	
P.W.		1427-K	
X			



2" EVE 8 RF HANGER COUPLINGS  
GROOVED FOR OCT-OTIS B.P.V.-E