

THE ATLANTIC REFINING COMPANY
Petroleum Products
Petroleum Life Building
Midland, Texas

DC - 165
(4 1/2" well (the 1))
L. ...

MAIN OFFICE

1954 SEP 16 AM 9:56

September 16, 1954

Mailing Address
P. O. Box 871
Midland, Texas

Oil Conservation Commission
State of New Mexico
Santa Fe, New Mexico

Re: Application for Hearing to Obtain
Order Permitting Dual Completion
of The Atlantic Refining Company
Seale (Federal) No. 1, Eumont Gas
Pool, Lea County, New Mexico

Gentlemen:

Application is herewith submitted for a hearing to obtain (1) Permission to dually complete under Rule 112-A, New Mexico Statewide Rules and (2) An oil proration unit of 40 acres and gas proration unit of 160 acres for the Atlantic Refining Company Seale (Federal) No. 1. This well is to be drilled 660' FWL and 1980' FSL of Section 34, T-20-S, R-36-E, Lea County, New Mexico on a contiguous 160 acre lease.

It is planned to complete the Seale No. 1 as a dual gas-oil producer through perforations at approximately 3678 - 3740' (oil) and 3790 - 3875' (gas). These intervals are within the Yates and Seven Rivers formations. The Charm Coll No. 1 well, west offset, was completed July 23, 1954 through a casing perforation 3742' - 3766', 3796' - 3806', and 3842' - 3853' for a flowing initial potential of 350 BOPD, no water, after a sandfrac treatment of 12,000 gallons. The Charm State No. 1 well, located approximately 3700' NW, was completed June 15, 1954 through casing perforations 3849' - 3899' and 3904' - 3939' for an initial potential of 8000 MCFPD, flowing through a 1" choke. It thus appears that reservoir conditions are favorable for obtaining oil and gas production from separated zones within the vertical limits of the Eumont gas pool.

It is believed that this application for permission to dually complete and for oil and gas allowables is in the interest of conservation and the protection of correlative rights.

If approved, dual completion of the Seale No. 1 shall be accomplished by (1) running a hookwall packer on 2" tubing to separate the oil and gas zones and with the tubing connected in such a way as to produce gas and (2) running a second string of 2" tubing open-ended so as to produce oil from the oil zone. All of the mechanical installation will be made in such a way that there will be no co-mingling within the well bore or on the surface of the oil and gas. To insure continued separation of the oil and gas zones, the applicant will do such things that may be required of it by the Oil Conservation Commission in the maintenance and segregation of production. A schematic diagram of the proposed completion is attached.

State of New Mexico Oil Conservation Commission

September 16, 1954

All operators who offset the lease upon which the subject well is located have been mailed a copy of this application on this date, thereby giving notice to such operators. A plat showing the location of all wells on the applicant's lease and all offset wells on offset leases is attached.

Respectfully submitted,

THE ATLANTIC REFINING COMPANY

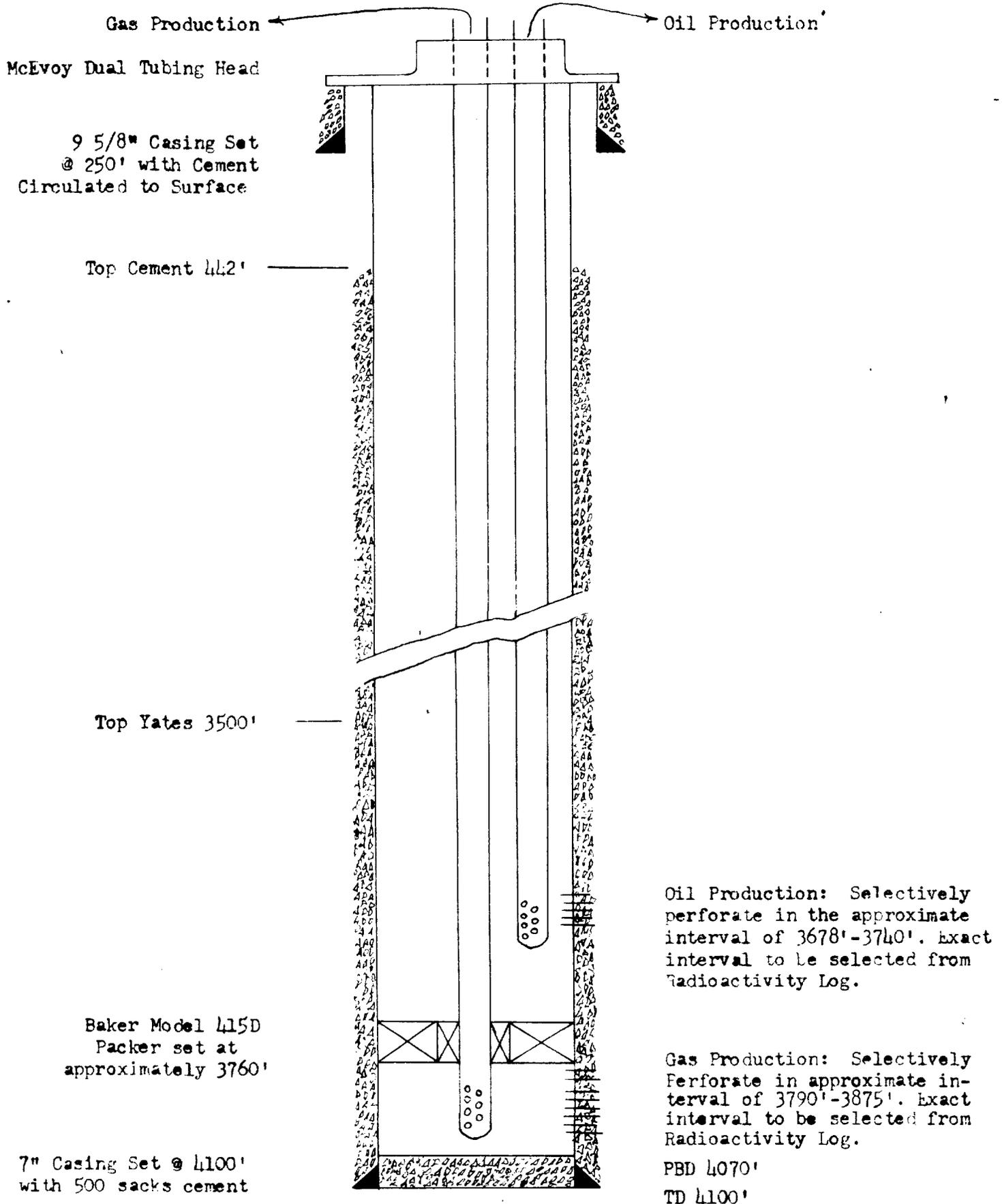
N. B. Winter

N. B. Winter
Regional Manager

WPT/dm

Attachments: 2

SCHEMATIC DIAGRAM OF PROPOSED DUAL COMPLETION ATLANTIC SEALE FEDERAL NO.1 WELL



Gas Production ←

→ Oil Production

McEvoy Dual Tubing Head

9 5/8" Casing Set
@ 250' with Cement
Circulated to Surface

Top Cement 442'

Top Yates 3500'

Baker Model 415D
Packer set at
approximately 3760'

7" Casing Set @ 4100'
with 500 sacks cement

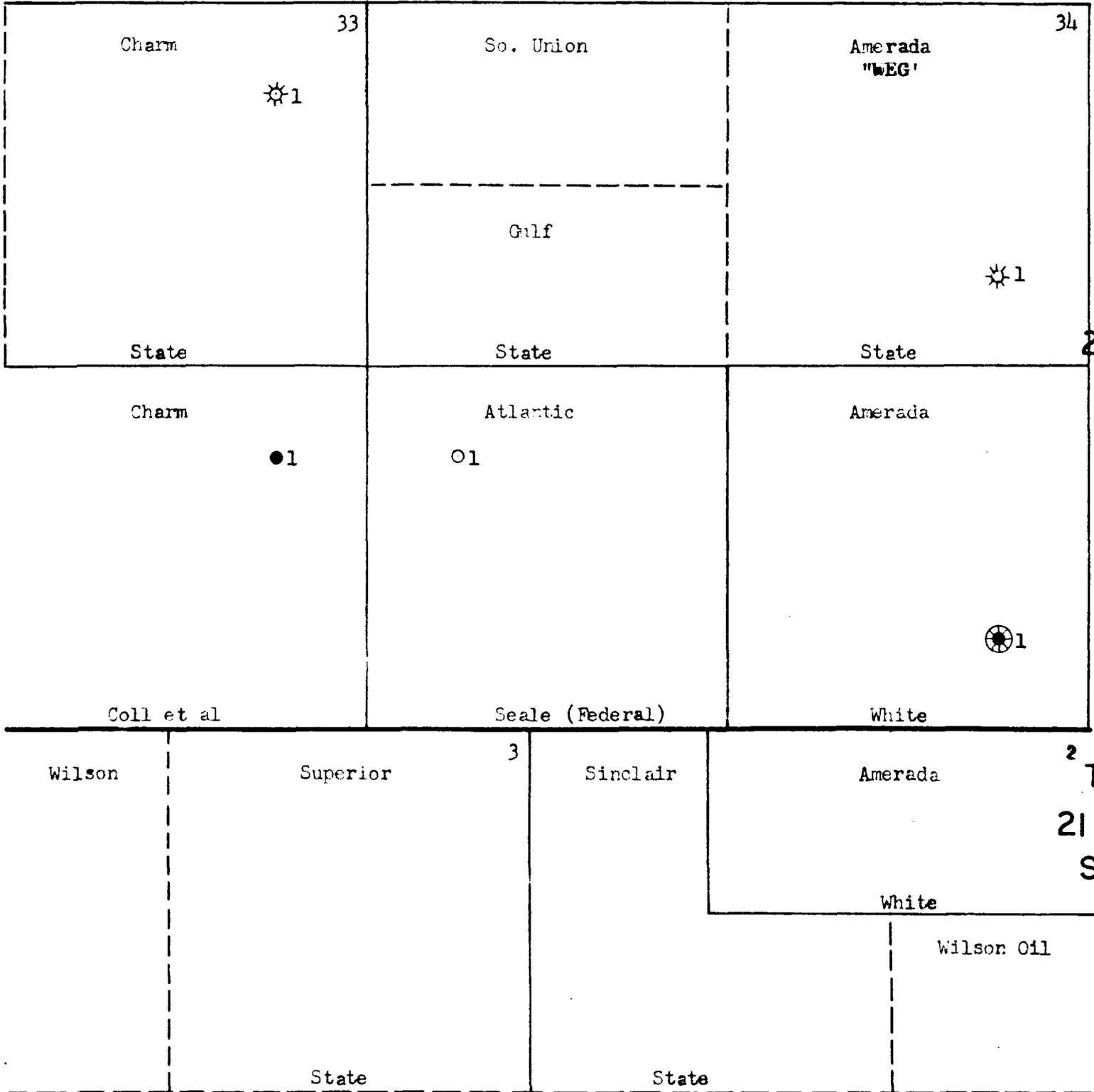
Oil Production: Selectively
perforate in the approximate
interval of 3678'-3740'. Exact
interval to be selected from
Radioactivity Log.

Gas Production: Selectively
Perforate in approximate in-
terval of 3790'-3875'. Exact
interval to be selected from
Radioactivity Log.

PBD 4070'

TD 4100'

R-36-E



R-35-E

LEGEND

-  Dual Completion
-  Gas Well
-  Oil Well
-  Proposed Location

THE ATLANTIC REFINING COMPANY
 MIDLAND REGION
 EUMONT GAS POOL
 SCALE 1" = 1,000'

To Accompany Application to
 Dually Complete Atlantic Seale
 (Federal) No. 1 Well

OIL CONSERVATION COMMISSION

BOX 2045

HOBBS, NEW MEXICO

DATE September 24, 1954

Mr. W. B. Macey
Oil Conservation Commission
Box 871
Santa Fe, New Mexico

Assigned DC-165

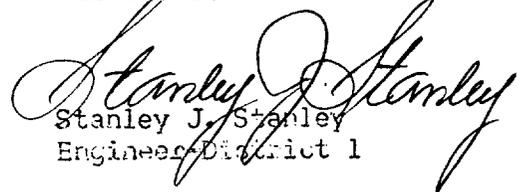
Dear Mr. Macey:

I have examined the application for dual completion, dated Sept. 16, 1954
for the Atlantic Refining Co., Seale Fed. #1,
Operator Lease and Well No.
34-20-36, and my recommendations are as follows:
S.T.R.

This will require a hearing-gas will be produced below
the oil zone .

Yours very truly,

OIL CONSERVATION COMMISSION


Stanley J. Stanley
Engineer District 1

McEvoy COMPANY

TEXAS AT MILBY P. O. BOX 3127

HOUSTON 1, TEXAS

CUSTOMER'S
ORDER NO. & DATE
REQUISITION NO.

REFER TO
QUOTATION NO.

4133-1 -34

QUOTATION DATE

9 - 24 - 54

SOLD
TO

Atlantic Refining Co.
P. O. Box 871
Midland, Texas

TERMS:

Net 30 Days

ORDERED BY

Ed Tyler

LOCATION
AND WELL NO.

SHIPPED TO
AND
DESTINATION

Atlantic Refining Co.

SHIPMENT WANTED

Approx. 14 Days

HOW SHIPPED - ROUTE
F. O. B. HOUSTON, TEXAS

M.F.

PREPAID

OR COLLECT Col.

ITEM NO.	QUANTITY	DESCRIPTION	UNIT PRICE	AMOUNT
		McEvoy Dual Completion Parallel String Assembly as per Dwg. XT-2451-2, 9-5/8" x 7" x Two Strings 2-3/8" o.d. Type A Hydril Tubing, complete as follows:		
1	1	Lowermost Casing Head type S, 9-5/8" o.d. 8-rf x 10" ser. 600, one 2" 1.p. outlet, 10" bowl, 2000# wog.		\$ 154.00
2	1	#A-6501 Casing Hanger automatic wrap around type SB-2, 10" x 7".		198.00
3	1	Set 10" ser. 600 Studs, Nuts and #53 API Ring Gasket.		33.95
4	1	#719-XX Nipple 2" 1.p. x 8" long.		3.00
5	1	#220, 2" s.e. McEvoy Automatic Self-Sealing Gate Valve, API regular port, 2000# wog, (202V-3) \$195.00 -50%		97.50
6	1	#AM-4344 Tubing Head type A, 10" ser. 600 x 6" ser. 600, Two 2" ser. 600 studded outlets, 4 lock screws, 7" bowl, 2000# wog.		240.00
7	1	Set 6" ser.600 Studs, Nuts and #45 API Ring Gasket.		14.05
8	1	#A-1688 Valve Removal Plug type A, 2".		16.50
9, 13	2	#348 Companion Flanges 2" ser. 600 x 2" 1.p.	9.50	19.00

NOTE: Prices on products covered herein are subject to adjustment to the seller's prices in effect at time of shipment.

NOTE: Except where written approval is given in advance by an executive of the Company all orders, terms, and conditions are the same as shown in our catalog and the supplements thereto in effect at date of sale. If our material covered by this order should prove defective and should cause any loss, injury, or damage, our liability shall be limited to our sales price of such defective material. In the case of goods or parts thereof, the liability of our manufacture, our guarantee shall extend only so far as the guarantee we may have received from the manufacturers of such goods or parts and to the extent that we are able to enforce the same.

ALL BILLS ARE PAYABLE IN HOUSTON, TEXAS.

INTEREST CHARGED ON OVERDUE ACCOUNTS.

McEvoy COMPANY

CONTINUATION SHEET NO. 2

 CUSTOMER'S
 ORDER NO. & DATE
 REQUISITION NO.

 REFER TO
 QUOTATION NO. 4133-1

NAME

ITEM NO.	QUANTITY	DESCRIPTION	UNIT PRICE	AMOUNT
10	1	#141 Bull Plug 2" 1.p., plain.		\$ 3.80
11	1	#121, 2" f.e. ser. 600 McEvoy Automatic Self-Sealing Gate Valve, API full port, 2000# wog, (202X-1) \$354.00 -50%		177.00
12	1	Set 2" ser. 600 Studs, Nuts and #23 API Ring Gasket.		4.25
14	1	#2312 Bull Plug 2" 1.p. tapped 1/2".		4.40
15	1	#A-175 Gauge Valve 1/2" horizontal.		5.75
16	1	Pressure Gauge 1/2" 0-3000#, 4-1/2" face.		20.00
17	1	Tubing Head Adapter, 6" ser. 600 for two strings 2-3/8" tubing with testing ports.		695.00
18	1	#1988 Nipple 2-3/8" eue 8-rf x 8" long.		5.30
19, 40	2	#120 Mod. 2-3/8" eue 8-rf McEvoy Automatic Self-Sealing Gate Valves, API full port, 2000# wog.	356.00	712.00
20, 41	2	#1988 Nipples 2-3/8" eue 8-rf x 6" long.	5.10	10.20
21, 42	2	#6410 Tees, 2-3/8" eue 8-rf x 2-3/8" eue 8-rf x 2" 1.p. all female threads.	26.25	52.50
22	1	#5391 Bull Plug 2-3/8" eue 8-rf tapped 1/2"		4.60
23, 44	2	#A-176 Gauge Valves 1/2" vertical.	5.75	11.50
24, 45	2	Pressure Gauges 1/2" 0-3000#, 4-1/2" face.	20.00	40.00
25,27 30,37 46,48 51,58	8	#719-XX Nipples 2" 1.p. x 8" long.	3.00	24.00
26,38 47,59	4	#220, 2" s.e. McEvoy Automatic Self-Sealing Gate Valves, API regular port, 2000# wog, (202V-3) \$195.00 -50%	97.50	390.00
28, 49	2	#1398 Tees 2" x 2" x 2" 1.p. all female threads.	7.50	15.00

McEvoy COMPANY

CONTINUATION SHEET NO. 3

CUSTOMER'S
ORDER NO. & DATE
REQUISITION NO.

REFER TO
QUOTATION NO. 4133-1

NAME

ITEM NO.	QUANTITY	DESCRIPTION	UNIT PRICE	AMOUNT
29, 32 50, 53	4	#141 Bull Plugs 2" l.p. plain.	3.80 \$	15.20
31, 52	2	#FC-100 OCT Flow Cross, 2" l.p. inlet, 4000# test.	24.65	49.30
33, 54	2	FC-140 OCT Cage Nipples.	8.40	16.80
34, 36 55, 57	4	#348 Companion Flanges 2" ser. 600 x 2" l.p.	9.50	38.00
35, 56	2	Sets 2" ser. 600 Studs, Nuts and #23 API Ring Gaskets.	4.25	8.50
39	1	Double Pin Sub 2-3/8" eue 8-rf x 2-3/8" o.d. type A Hydril, 8" long.	NET	48.40
43	1	B-14-A O-C-T Bottom Hole Test Adapter 2-3/8" eue 8-rf male thread with cap tapped 1/2" and threaded internally 2-3/8" eue 8-rf.		52.50
60	1	Set Tubing Clamps.		65.00
				3,245.00

QUOTATION

TO BE SOLD THROUGH A SUPPLY STORE OF YOUR CHOICE.

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

October 5, 1954

Oil Conservation Commission
Box 2045
Hobbs, New Mexico

Attention: Mr. Porter and Mr. Stanley

Gentlemen:

We would like to call your attention to the following points in recent 'DC' numbering:

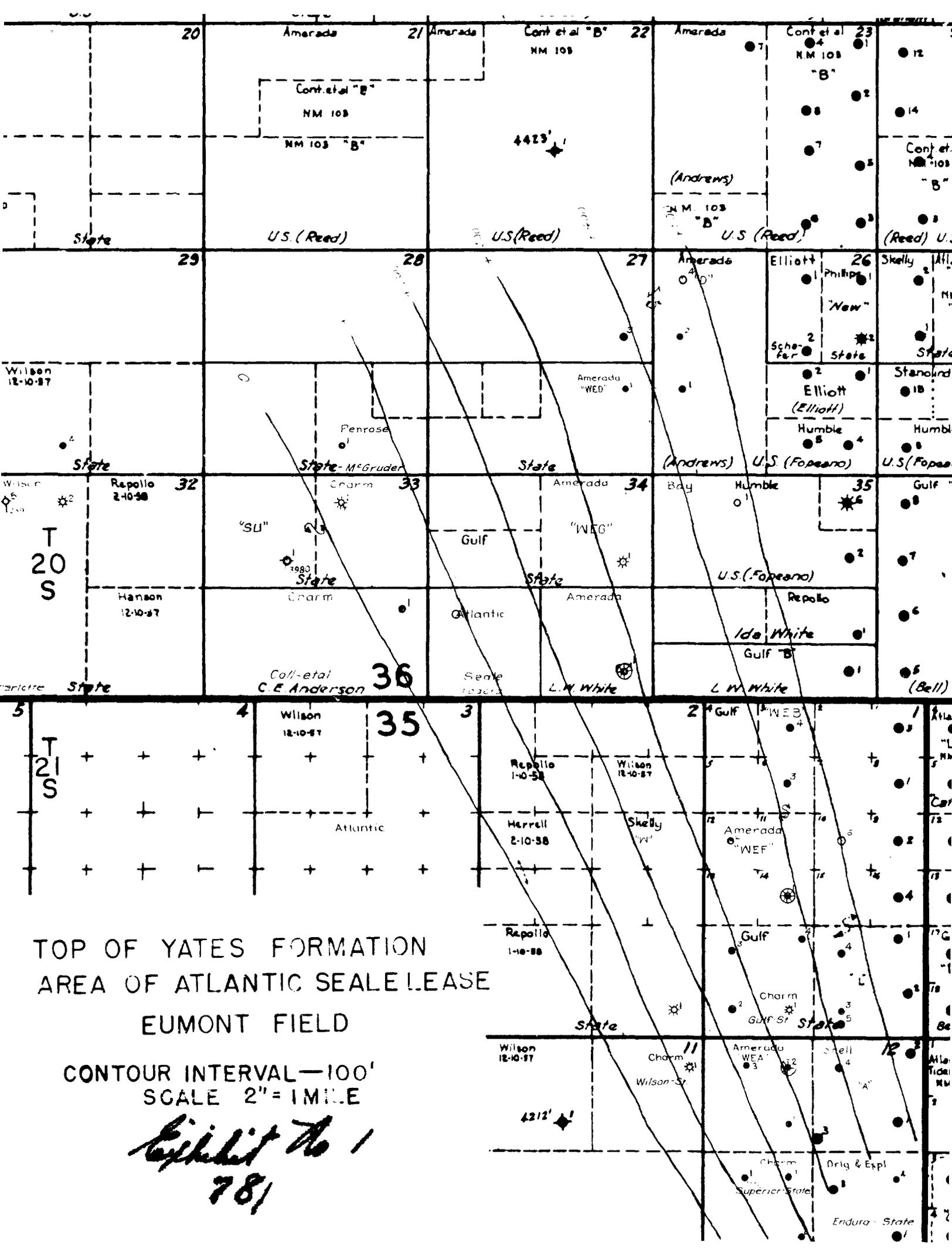
- (1) Atlantic Refining Company's application, which is now set up for hearing on October 20 as Case 781, had previously been given a pre-approval DC number of DC-165. This was removed from the DC abeyance file and properly advertised. The number DC-165 will be re-assigned to the next DC application received in this office.
- (2) Upon Mr. Stanley's information that the Farariss application would not be followed, said application of September 11, to which DC-166 has been assigned, was removed from the abeyance file. That number also will be re-assigned.

I might also mention that VEM Oil Company submitted a corrected application in DC-157 upon my suggestion. We have copied the application for your office, and the administrative order is being written as of October 8.

Sincerely,

WBM:nr

W. B. Macey

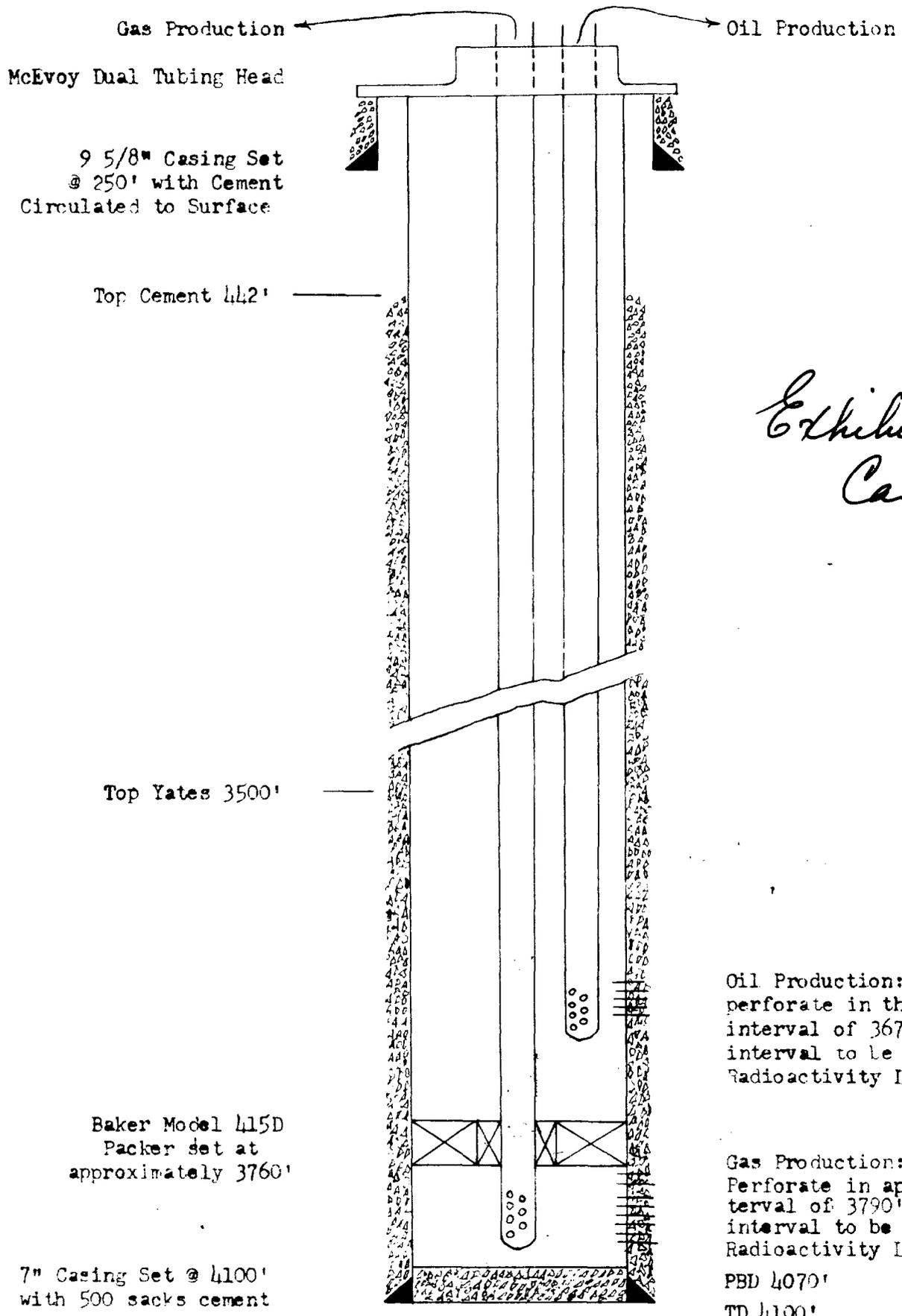


TOP OF YATES FORMATION
 AREA OF ATLANTIC SEALE LEASE
 EUMONT FIELD

CONTOUR INTERVAL—100'
 SCALE 2"=1 MILE

Exhibit No 1
78/

SCHEMATIC DIAGRAM OF PROPOSED DUAL COMPLETION ATLANTIC SEALE FEDERAL NO.1 WELL



*Exhibit 763
Case 78*

Oil Production: Selectively perforate in the approximate interval of 3678'-3740'. Exact interval to be selected from Radioactivity Log.

Gas Production: Selectively Perforate in approximate interval of 3790'-3875'. Exact interval to be selected from Radioactivity Log.

PBD 4070'
TD 4100'