

TEXAS-NEW MEXICO PIPE LINE COMPANY

F. B. WHITAKER, JR.
DIVISION MANAGER

March 14, 1962

P. O. BOX 1510
MIDLAND, TEXAS

New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Gentlemen:

Humble Oil & Refining Company advises that they intend to make application to the New Mexico Oil Conservation Commission for permission to permanently install and operate an automatic custody transfer system on their New Mexico State "BM" Lease located in Section 2, T-25-S, R-37-E, Lea County, New Mexico, in the North Justis Pools.

Texas-New Mexico Pipe Line Company gathers production from this lease and concurs in the operator's application for permanent approval to install and operate this ACT unit.

Yours very truly,

TEXAS-NEW MEXICO PIPE LINE COMPANY

By _____

F. B. Whitaker, Jr.
Division Manager

FBWjr-btk

cc: Humble Oil & Refining Company
Hobbs, New Mexico



TIDEWATER OIL COMPANY

Box 547
Hobbs, New Mexico
March 7, 1962

New Mexico Oil Conservation Commission
District I
P. O. Box 2045
Hobbs, New Mexico

Attention: Mr. Joe D. Ramey, Supervisor & Proration Manager

Re: Proposed Automatic Custody Transfer System, State "AN" Lease.
Unit B, Section 7, Township 18S, Range 35E, Lea County, New Mexico.

Dear Mr. Ramey:

Tidewater Oil Company proposes to install a Automatic Custody Transfer System on the State "AN" Lease. This system will be located in Unit B, 750' SNL and 1650' WEL of Section 7, Township 18S, Range 35E, Lea County, New Mexico.

The ACT System is designed to transfer 40° API sweet crude produced from the Vacuum-Abo Reef on the State "AN" Lease to Texas-New Mexico Pipe Line Company.

Exhibit A shows the location of the ACT Unit with respect to the other lease facilities. Exhibit B shows the proposed ACT Unit and the component parts. At the present time, Well #1 is producing pipeline oil and does not require treating facilities. Tentative plans are to install a B.S.&W. monitoring system in conjunction with treating facilities when required at a later date.

Attached please find a letter from Texas-New Mexico Pipe Line Company concurring with Tidewater's application for permanent approval to install and operate the ACT system. Also attached is the Oil Conservation Commission Form C-106 "Notice of Intention to Utilize Automatic Custody Transfer Equipment."

We respectfully request that administrative approval be granted to the proposed ACT System to be installed on the State "AN" Lease.

Respectfully,

TIDEWATER OIL COMPANY

C. L. Wade
C. L. Wade,
Area Superintendent

ARS:bw

TIDEWATER OIL COMPANY

STATE "AN" LEASE

Proposed Automatic Custody Transfer

UNIT-B SECTION-7 TOWNSHIP-18S RANGE-35E

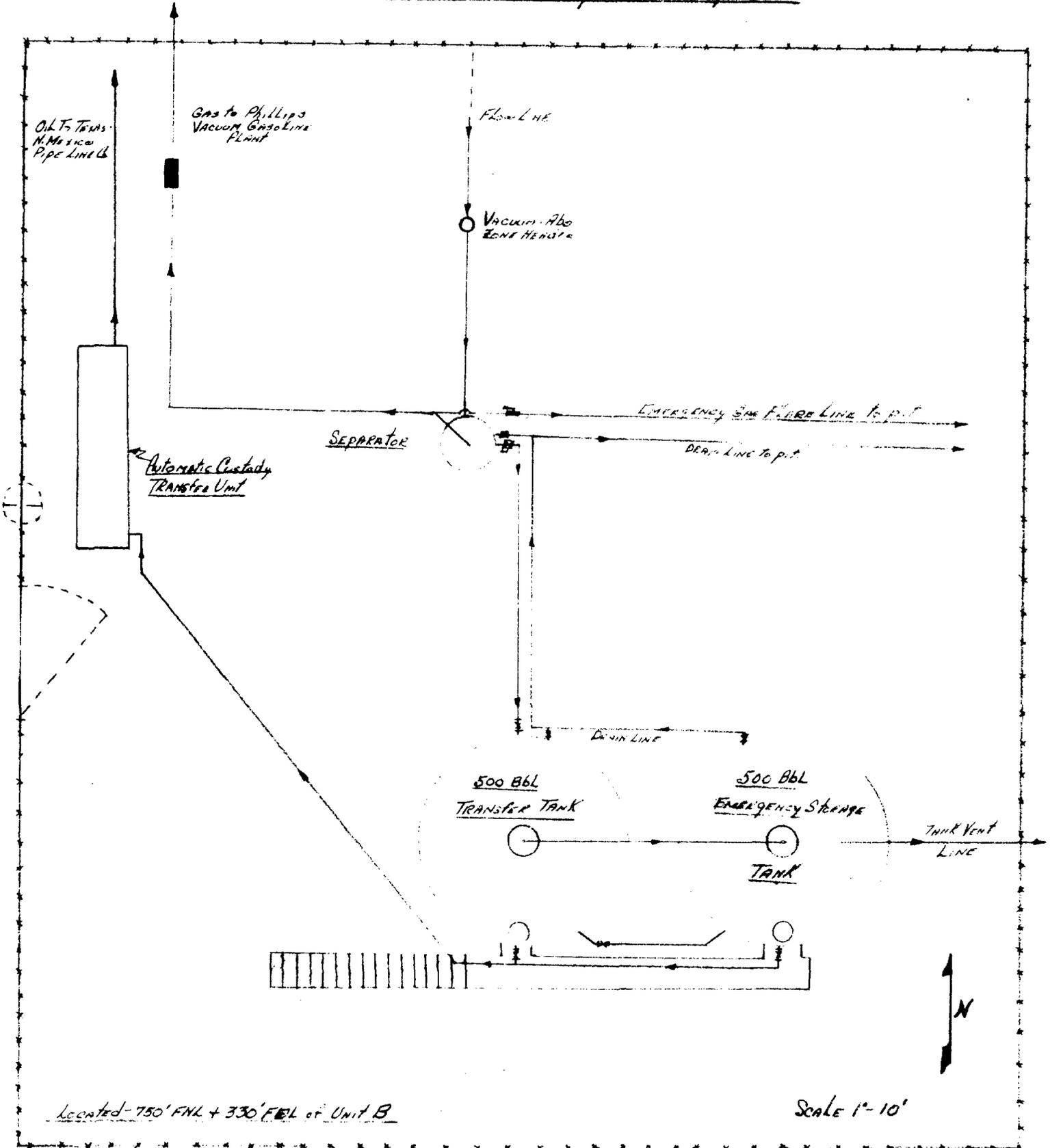
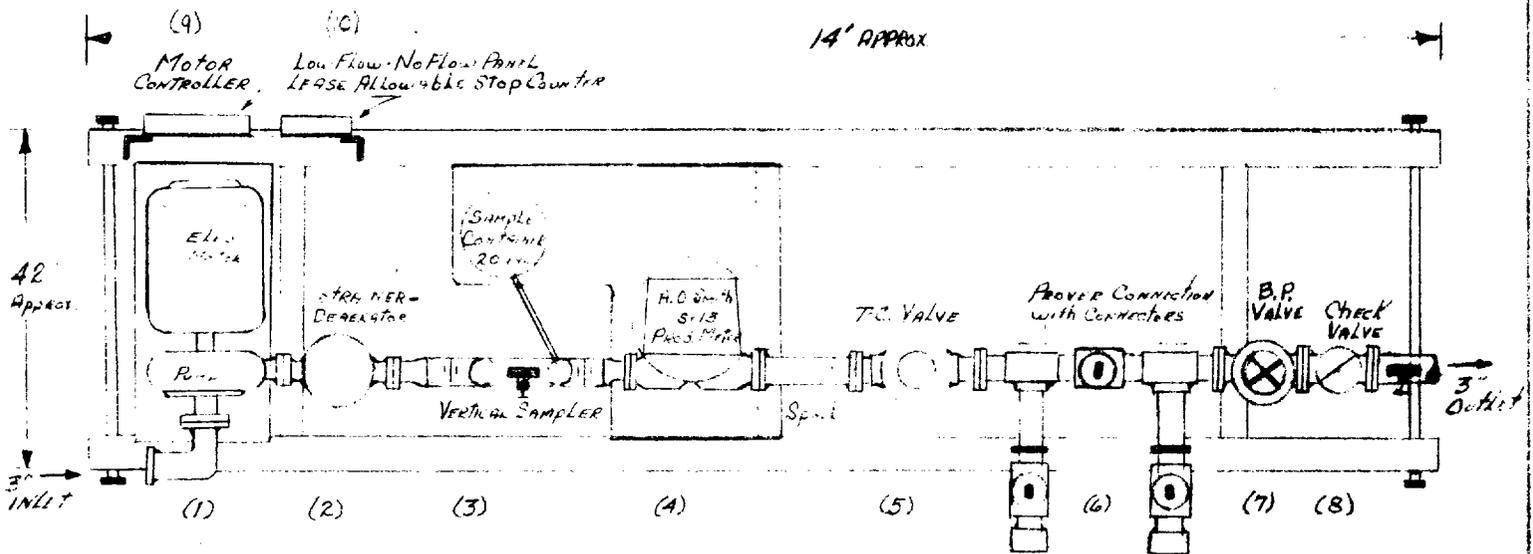


EXHIBIT A

TIDEWATER OIL COMPANY
STATE "AN" LEASE
SEC. 7 T-185 R-35E



Proposed Automatic Custody Transfer Unit

- (1) Pump - 100 Bbls per Hour at 120 ft Head. Gould Model-2C. ELEC. MOTOR - 5 H.P. T.E.F.C. 1750 R.P.M. 220-440 Volt 3 Phase.
- (2) COMBINATION STRAINER-DEAERATOR - 2" A.O. SMITH TEB-10
- (3) VERTICAL SAMPLE LOOP + PROBE - 3" Y-Z SAMPLER R-1E w/ 20 gal SAMPLE CONTAINER.
- (4) PRODUCTION METER 2" A.O. SMITH S-13 w/ A.T.C. LARGE NUMERAL COUNTER, + Safety Switch.
- (5) T.C. MOTOR VALVE - 3" w/ solenoid. G.O.T.
- (6) METER PROVER CONNECTIONS - 3". 3-PLUG VALVES c/w Lock Type handles. AND EVERTITE ADAPTERS c/w DUST CAPS.
- (7) BACK-PRESSURE VALVE - 3" B.S.+B. MODEL-18.
- (8) CHECK VALVE - 3"
- (9) MOTOR CONTROLLER
- (10) CONTROL PANEL LOW-FLOW-NO FLOW Circuit. LEASE ALLOWABLE-STOP COUNTER.

TEXAS-NEW MEXICO PIPE LINE COMPANY

F. B. WHITAKER, JR.
DIVISION MANAGER

March 2, 1962

P. O. BOX 1510
MIDLAND, TEXAS

New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Gentlemen:

Tidewater Oil Company advises that they intend to make application to the New Mexico Oil Conservation Commission for permission to permanently install and operate an automatic custody transfer unit on their State "AN" Lease located in Section 7, T-18-S, R-35-E, Lea County, New Mexico.

Texas-New Mexico Pipe Line Company gathers production from this lease and concurs in the operator's application for permanent approval to install and operate this ACT unit.

Yours very truly,

TEXAS-NEW MEXICO PIPE LINE COMPANY

By



F. B. Whitaker, Jr.
Division Manager

FBWjr-btk

cc: Tidewater Oil Company
P. O. Box 547
Hobbs, New Mexico

STANDARD OIL COMPANY OF TEXAS

Brewer "S"
Monahans, Texas
March 1, 1962

New Mexico Oil Conservation Commission
P. O. Box 2045
Hobbs, New Mexico

Gentlemen:

Standard Oil Company of Texas, A Division of California Oil Company, requests permission to install an automatic custody transfer unit for sale of crude oil from the State 6-3/4 Lease, Vacuum (Abo) Field, located in Section 34, Township 17 South, Range 35 East, Lea County, New Mexico. In support of this request we are submitting a Form C-106, area plat, pipeline acceptance letter and schematic of the proposed system. This system has been designed to conform with specifications outlined in NBOCC Case 2243, Rule 309-A, and with your approval we should like to begin installation as soon as possible.

The attached diagram of the battery shows a tank No. 3. This tank is presently installed; however, its volume is not included in the design or in any calculations concerning the operation of the automatic custody transfer unit. The tank may be removed at some future date.

Texas-New Mexico Pipe Line Company is now gathering the oil from this lease and will continue to serve as gatherer.

Thank you for your consideration in this matter.

Very truly yours,

S. J. Mathews, Jr. *SJM*
District Superintendent

WHA:jd

Attachments

TEXAS-NEW MEXICO PIPE LINE COMPANY

F. B. WHITAKER, JR.
DIVISION MANAGER

February 23, 1962

P. O. BOX 1510
MIDLAND, TEXAS

New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Gentlemen:

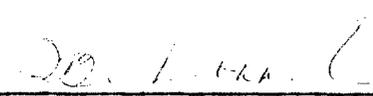
Standard Oil Company of Texas advises that they intend to make application to the New Mexico Oil Conservation Commission for permission to permanently install and operate an automatic custody transfer unit on their State 6-34 Lease located in the Vacuum Abo Field, Lea County, New Mexico.

Texas-New Mexico Pipe Line Company gathers production from this lease and concurs in the operator's application for permanent approval to install and operate this ACT unit.

Yours very truly,

TEXAS-NEW MEXICO PIPE LINE COMPANY

By



F. B. Whitaker, Jr.
Division Manager

FBWjr-btk

cc: Standard Oil Company of Texas
Monahans, Texas

33

34

STANDARD OF TEXAS
● 7

● 6

● 8

STATE 6-34
B-1845

● 5

4

3

STATE 6-34 LEASE
VACUUM (ABO) FIELD



CONTINENTAL OIL COMPANY

LEGAL DEPARTMENT

DENVER 2, COLORADO

A. T. SMITH
GENERAL ATTORNEY
C. R. HAMPTON
F. E. RADLOFF
W. M. GRIFFITH
G. H. MAYBERRY
R. A. HOLLERN
ATTORNEYS

April 11, 1961

Oil & Gas Conservation Commission
State Land Building
Santa Fe, New Mexico



Re: Case No. 2243

Dear Sir:

Reference is made to the subject case and the application of Gulf Oil Company to amend Rule 309 (a) to permit the installation of lease automatic custody transfer equipment without the necessity of notice and hearing. Continental Oil Company would like to join Gulf Oil Company in its application for amendment of Rule 309 (a), and respectfully requests the commission to approve this amendment.

Very truly yours,

A handwritten signature in cursive script that reads "William M. Griffith".

William M. Griffith

by
cc: John Tynan
Ralph Vertrees
M. A. MacLennan

RECEIVED
APR 12 1961
DEPT. OF AGRICULTURE
WASHINGTON, D.C.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

BEFORE THE OIL CONSERVATION COMMISSION

OF

STATE OF NEW MEXICO

IN THE MATTER OF THE APPLICATION
OF GULF OIL CORPORATION FOR ADOPT-
TION OF RULES FOR ADMINISTRATIVE
APPROVAL OF AUTOMATIC CUSTODY
TRANSFER SYSTEMS.

Case No. 2243

ENTRY OF APPEARANCE

Come now Kellahin & Fox, P. O. Box 1713, Santa Fe,
New Mexico, and enter their appearance in the above
captioned case in behalf of Amerada Petroleum Corporation
in association with Mr. H. D. Bushnell, a member of the
Oklahoma Bar.

By Jason W. Kellahin

NOTICE OF INTENTION
TO UTILIZE AUTOMATIC CUSTODY TRANSFER EQUIPMENT

Operator Cities Service Petroleum Company Field North Justis

Address Box 97, Hobbs, New Mexico County Lea

Lease(s) to be served by this ACT Unit 1 -- Hodges "B"

Pool(s) to be served by this ACT Unit 5

Location of ACT System: Unit 1 Sec 1 Twp 25-S Rge 37-E

Order No. authorizing commingling between leases if more than one lease is to be served by this system _____ Date _____

Order No. authorizing commingling between pools if more than one pool is to be served by this system: PC-43 Date 11-9-61

Authorized transporter of oil from this system Texas-New Mexico Pipeline Co.

Transporter's address Box 1510, Midland, Texas

Maximum expected daily through-put for this system: 1400 (350 initial) Bbls/day

If system fails to transfer oil due to malfunction or otherwise, waste by overflow will be averted by: (Check One)

- A. Automatic shut-down facilities as required by Section (3) h-1 of Rule 309-A. B. Alternative (3) h-2, providing adequate available capacity to receive production during maximum unattended time of lease operation.

If A above is checked, will flowing wells be shut-in at the header manifold or at the well-head? Well head Maximum well-head shut-in pressure 750#

If B above is checked, how much storage capacity is available above the normal high working level of the surge tank? 800 Bbls.

What is the normal maximum unattended time of lease operation? 16 Hours

What device will be used for measuring oil in this ACT Unit? (Check One)

- Positive displacement meter Weir-type measuring vessel
 Positive volume metering chamber Other; Describe _____

Remarks: Must include allowance for set stop

I hereby certify that the information given above is true and complete to the best of my knowledge and that the subject ACT system will be installed and operated in accordance with Rule 309-A.

Approved, Oil Conservation Commission
By Joe W. Ramsey
Title _____ Date _____

By S. J. Mother
Title Asst. Division Engineer
Date 11-14-61

Approval of Form C-106 does not eliminate the necessity of an approved C-110 prior to running any oil or gas from this system.

NOTICE OF INTENTION
TO UTILIZE AUTOMATIC CUSTODY TRANSFER EQUIPMENT

Operator Standard Oil Company of Texas,
A Division of California Oil Company Field Vacuum (Abo)

Address Drawer "S", Monahans, Texas County Lea

Lease(s) to be served by this ACT Unit ~~XXXXXX~~ State 6-34

Pool(s) to be served by this ACT Unit Vacuum (Abo)

Location of ACT System: Unit K Sec 34 Twp 17S Rge 35E

Order No. authorizing commingling between leases if more than one lease is to be served by this system _____ Date _____

Order No. authorizing commingling between pools if more than one pool is to be served by this system _____ Date _____

Authorized transporter of oil from this system Texas-New Mexico Pipe Line Company

Transporter's address P. O. Box 1027, Lovington, New Mexico

Maximum expected daily through-put for this system: 600 Bbls/day

If system fails to transfer oil due to malfunction or otherwise, waste by overflow will be averted by: (Check One)

- A. Automatic shut-down facilities as required by Section (3) h-1 of Rule 309-A.
- B. Alternative (3) h-2, providing adequate available capacity to receive production during maximum unattended time of lease operation.

If A above is checked, will flowing wells be shut-in at the header manifold or at the well-head? _____ Maximum well-head shut-in pressure _____

If B above is checked, how much storage capacity is available above the normal high working level of the surge tank? 400 Bbls.

What is the normal maximum unattended time of lease operation? 16 Hours

What device will be used for measuring oil in this ACT Unit? (Check One)

- Positive displacement meter
- Weir-type measuring vessel
- Positive volume metering chamber
- Other; Describe _____

Remarks: _____

I hereby certify that the information given above is true and complete to the best of my knowledge and that the subject ACT system will be installed and operated in accordance with Rule 309-A.

Approved, Oil Conservation Commission
By Joe T. Ramey
Title _____ Date _____

By J. L. Rowland
Title District Engineer
Date March 1, 1962

Approval of Form C-106 does not eliminate the necessity of an approved C-110 prior to running any oil or gas from this system.

RECEIVED
MARCH 5 1962
OIL CONSERVATION COMMISSION

3 - OCC
1 - Houston
1 - Midland
1 - File

NOTICE OF INTENTION
TO UTILIZE AUTOMATIC CUSTODY TRANSFER EQUIPMENT

Operator Tidewater Oil Company Field Undesignated (Vacuum Abo)

Address Box 547, Hobbs, N. Mex. County Lea

Lease(s) to be served by this ACT Unit State "AN"

Pool(s) to be served by this ACT Unit Undesignated (Vacuum Abo)

Location of ACT System: Unit B Sec 7 Twp 18S Rge 35E

Order No. authorizing commingling between leases if more than one lease is to be served by this system _____ Date _____

Order No. authorizing commingling between pools if more than one pool is to be served by this system _____ Date _____

Authorized transporter of oil from this system Texas-New Mexico Pipeline Company

Transporter's address Box 1510, Midland, Tex.

Maximum expected daily through-put for this system: 600 Bbls/day

If system fails to transfer oil due to malfunction or otherwise, waste by overflow will be averted by: (Check One)

A. Automatic shut-down facilities as required by Section (3) h-1 of Rule 309-A.

B. Alternative (3) h-2, providing adequate available capacity to receive production during maximum unattended time of lease operation.

If A above is checked, will flowing wells be shut-in at the header manifold or at the well-head? _____ Maximum well-head shut-in pressure _____

If B above is checked, how much storage capacity is available above the normal high working level of the surge tank? 900 Bbls.

What is the normal maximum unattended time of lease operation? 23 Hours

What device will be used for measuring oil in this ACT Unit? (Check One)

Positive displacement meter

Weir-type measuring vessel

Positive volume metering chamber

Other; Describe _____

2" A.O. Smith S-13 w/ ATC, Large Numeral Counter, and Safety Switch

Remarks: _____

I hereby certify that the information given above is true and complete to the best of my knowledge and that the subject ACT system will be installed and operated in accordance with Rule 309-A.

Approved, Oil Conservation Commission

By C. S. Wade

By Joe V. James

Title Area Supt.

Title _____ Date _____

Date February 27, 1962

Approval of Form C-106 does not eliminate the necessity of an approved C-110 prior to running any oil or gas from this system.

HUMBLE OIL & REFINING COMPANY
HUMBLE DIVISION

MAIL OFFICE 000

1962 APR 2 AM 8:15 Hobbs, New Mexico
March 16, 1962

Re: Proposed ACT Unit
New Mexico State "EM" Lease
North Justis Pools
Lea County, New Mexico
File: 22-2

Mr. Joe Ramey
New Mexico Oil Conservation Commission
P. O. Box 2045
Hobbs, New Mexico

Humble Oil and Refining Company respectfully requests administrative approval to utilize automatic custody transfer equipment on its New Mexico State "EM" Lease comprising the E/2 of the SE/4 of Section 2, T-25-S, R-37-E. This lease is located in the North Justis Pools, Lea County, New Mexico.

Commission Form C-106 and related plats and schematic drawings are enclosed.

Your approval of this proposed ACT will be appreciated.

Yours truly,

HUMBLE OIL AND REFINING COMPANY



R. R. Alworth

ARB/mcb

NOTICE OF INTENTION

TO UTILIZE AUTOMATIC CUSTODY TRANSFER EQUIPMENT

Operator Humble Oil and Refining Company Field North Justis

Address Box 2347, Hobbs, New Mexico County Lea

Lease(s) to be served by this ACT Unit New Mexico State "EM"

Pool(s) to be served by this ACT Unit Ellenburger, Waddell, McKee, Fusselman, Drinkard & Elinebr

Location of ACT System: Unit I Sec 2 Twp 25S Rge 37E

Order No. authorizing commingling between leases if more than one lease is to be served by this system _____ Date _____

Order No. authorizing commingling between pools if more than one pool is to be served by this system Application applied for PC-69 Date March 1, 1962

Authorized transporter of oil from this system Texas-New Mexico Pipeline Company

Transporter's address Box 1510, Midland, Texas

Maximum expected daily through-put for this system: 1,008 Bbls/day

If system fails to transfer oil due to malfunction or otherwise, waste by overflow will be averted by: (Check One)

- A. Automatic shut-down facilities as required by Section (3) h-1 of Rule 309-A.
- B. Alternative (3) h-2, providing adequate available capacity to receive production during maximum unattended time of lease operation.

If A above is checked, will flowing wells be shut-in at the header manifold or at the well-head? _____ Maximum well-head shut-in pressure _____

If B above is checked, how much storage capacity is available above the normal high working level of the surge tank? 1,000 Bbls.

What is the normal maximum unattended time of lease operation? 16 Hours

What device will be used for measuring oil in this ACT Unit? (Check One)

- Positive displacement meter
- Weir-type measuring vessel
- Positive volume metering chamber
- Other; Describe _____

Remarks: System must be equipped with a flowable set stop counter

I hereby certify that the information given above is true and complete to the best of my knowledge and that the subject ACT system will be installed and operated in accordance with Rule 309-A.

Approved, Oil Conservation Commission
By John W. Ramsey
Title _____ Date _____

By Sam Reddy
Title Agent
Date March 16, 1962

ARB/mcb

Approval of Form C-106 does not eliminate the necessity of an approved C-110 prior to running any oil or gas from this system.

NOTICE OF INTENTION
MARCH 31

TO UTILIZE AUTOMATIC CUSTODY TRANSFER EQUIPMENT

Operator SOCONY MOBIL OIL COMPANY, INC. Field Vacuum Abo

Address Box 2406, Hobbs, New Mexico County Lea

Lease(s) to be served by this ACT Unit State "M" Lease

Pool(s) to be served by this ACT Unit Vacuum Abo

Location of ACT System: Unit SW/4 Sec 34 Twp 17S Rge 35E

Order No. authorizing commingling between leases if more than one lease is to be served by this system N/A Date _____

Order No. authorizing commingling between pools if more than one pool is to be served by this system N/A Date _____

Authorized transporter of oil from this system Texas-New Mexico Pipe Line Co.

Transporter's address Box 1027, Lovington, New Mexico

Maximum expected daily through-put for this system: 325 Bbls/day

If system fails to transfer oil due to malfunction or otherwise, waste by overflow will be averted by: (Check One)

- A. Automatic shut-down facilities as required by Section (3) h-1 of Rule 309-A.
- B. Alternative (3) h-2, providing adequate available capacity to receive production during maximum unattended time of lease operation.

If A above is checked, will flowing wells be shut-in at the header manifold or at the well-head? _____ Maximum well-head shut-in pressure _____

If B above is checked, how much storage capacity is available above the normal high working level of the surge tank? 550 Bbls.

What is the normal maximum unattended time of lease operation? 40 Hours

What device will be used for measuring oil in this ACT Unit? (Check One)

- Positive displacement meter
- Weir-type measuring vessel
- Positive volume metering chamber
- Other; Describe _____

Remarks: _____

I hereby certify that the information given above is true and complete to the best of my knowledge and that the subject ACT system will be installed and operated in accordance with Rule 309-A.

Approved, Oil Conservation Commission

By C. H. Samples

By J. H. Ramsey

Title Producing Superintendent

Title _____ Date _____

Date March 19, 1962

R35E

Socony Mobil



State M

34

T
17
S



≡LEGEND≡



Yates Production Well



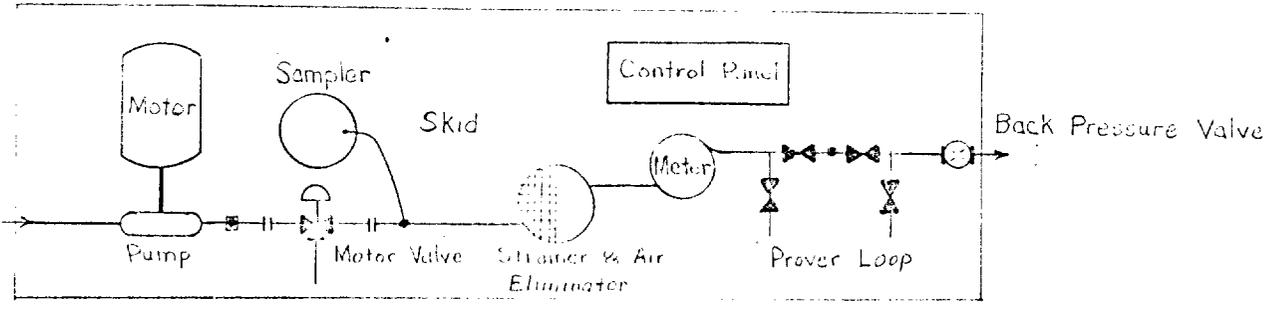
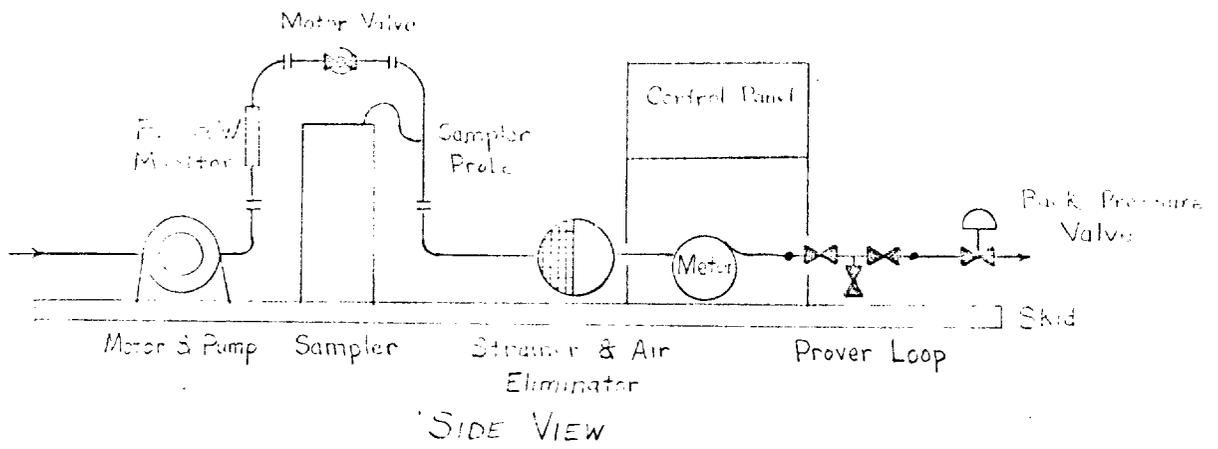
San Andres Production Well



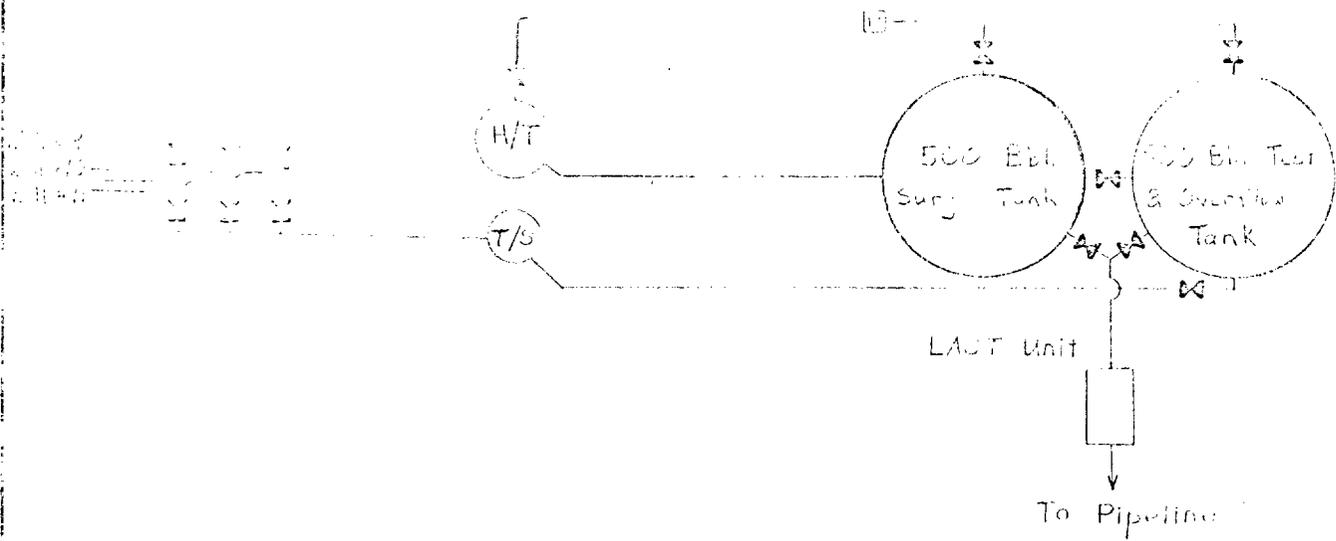
Vacuum Abo " "

Exhibit I

NO.	DATE	BY	ALTERATION
Vacuum Yates & Vacuum San Andres Fields			
COMMINGLING PLAT			
Lea Co.,		New Mexico	
SOCONY MOBIL OIL COMPANY, INC.			
DRAWN <i>F.D.B.</i>		DWG. NO.	
CHECKED <i>J.E.B.</i>		SCALE 1"=1000'	
		DATE 12-26-61	
		A-139-D&P	



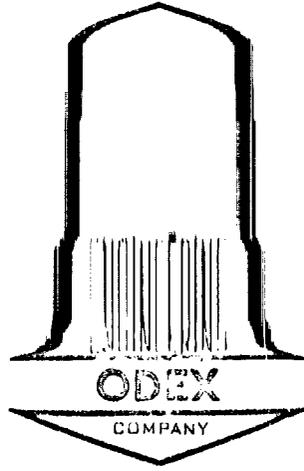
NO.	DATE	BY	ALTERATION



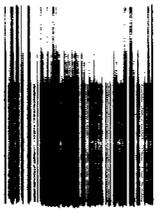
- 1. Recirculating Pump
- 2. Surge Tank
- 3. Test Separator
- 4. Check Valve

NO.	DATE	BY	ALTERATION
Schematic Diagram of State "M" Line Vacuum Line Plant			
SOCONY MOBIL OIL COMPANY, INC.			
DRAWN CHECKED	J.L. J.M.H.	SCALE DATE	DWG. NO. A

QUOTATION



Quote No. _____



Sheet No. 1

ODEX ENGINEERING COMPANY

1410 N. GRANT

P. O. Box 1586
ODESSA, TEXAS

Phone FE 7-3566

TO: ELSON COMPANY

Date 2/2/52

4127 RICHMOND

Dwg. No. _____

ODESSA, TEXAS

Attn. J. P. OWENS

Quote By OTNE CALL

Re. ACT UNIT FOR HOOPS, NEW MEXICO

Remarks _____

ITEM	QUANTITY	DESCRIPTION	UNIT PRICE	EXTENSION
1	1	2" MODEL K-2000 VIKING ROTARY GEAR PUMP WITH 0-100 PSIG INTERNAL RELIEF VALVE, MECHANICAL SEAL, CASE, V-BELT DRIVE, BELT GUARD AND 5 H.P. 1750 RPM, 220/440 VOLT, 3 PHASE, 60 CYCLE EXPLOSION-PROOF FAIRBANKS MORSE ELECTRIC MOTOR. PUMP IS SIZED TO FLOW 35 GPM AGAINST 75 PSIG AT 400 RPM.		
2	1	MODEL 2000 INSTRUMENTS, INC. TEMPERATURE COMPENSATED, FAILSAFE BS&W MONITOR, RANGE 0-3%, 30 SECONDS TIME DELAY, WITH 30", TYPE RG/62U COAXIAL CABLE.		
3	1	2" MODEL CX-205-200 BSP INSTRUMENTS, INC. BS&W PROBE, INTERNALLY COATED WITH EPON RESIN, FLANGED CONNECTIONS COMPLETE WITH EXPLOSION-PROOF CONDULET ASSEMBLY.		
4	1	2" ODEX MODEL R-200-AF 3 WAY 2 POSITION BAD OIL DIVERTER VALVE, S.S. TRIM, COMPLETE WITH EXPLOSION-PROOF SOLENOID OPERATOR. VALVE IS NORMALLY CLOSED TO PIPELINE IN THE EVENT OF POWER OR GAS FAILURE.		
5	1	MODEL RIEX YZ ENGINEERS AUTOMATIC CRUDE OIL PIPELINE SAMPLER COMPLETE WITH 20 GALLON PRESSURE-TIGHT SAMPLE CONTAINER, MIXER, SIGHT GLASS, HAND PURGE PUMP AND SAMPLE PROBE WITH 45° MITER.		
6	1	2" LRODIE MODEL D-23 COMBINATION STRAINER-AIR ELIMINATOR, WITH 20 MESH STAINLESS STEEL STRAINER BASKET.		

(CONTINUED ON PAGE 2)

TOTAL PRICE _____

Delivery _____

ODEX ENGINEERING COMPANY

Terms _____

By _____

Please examine this quotation carefully, as we agree to furnish only items or services herein described at the prices listed. Prices subject to change without notice.

QUOTATION



Quote No. _____
Sheet No. _____

ODEX ENGINEERING COMPANY

1410 N. GRANT

P. O. Box 1586
ODESSA, TEXAS

Phone FE 7-3568

TO: ELI OIL COMPANY
P. O. BOX 100
ODESSA 21, TEXAS

Date 2/27/58

Dwg. No. _____

Attn. W. J. B. OWENS

Quote By ONE CALL

Re. UNIT SWITCHER WOODS, NEW MEXICO

Remarks _____

ITEM	QUANTITY	DESCRIPTION	UNIT PRICE	EXTENSION
7	1	2" ODEX MODEL D-400 DIRECTOR POSITIVE DIS-PLACEMENT TYPE CRUDE OIL METER COMPLETE WITH THE FOLLOWING ACCESSORIES: A. BRODMATIC HORIZONTAL NON-RESET BARREL COUNTER. B. MODEL 4500-D AUTOMATIC TEMPERATURE COM-PENSATOR, RANGE, -30° F. TO 150° F. WITH MANUAL GRAVITY SELECTOR. C. METER MONITOR SWITCH, EXPLOSION-PROOF SPDT MOUNTED ON UNIT WHEEL OF COUNTER TO PAGE SAMPLER 1:1 RATIO AND LOW FLOW DETECTION CIRCUIT.		
8	1	PROVER LOOP CONSISTING OF THE FOLLOWING COM-ponents: A. 2 - 2" SHUT-OFF PLUG VALVES FLANGED CONNECTIONS. B. 2 - 2" BY-PASS PLUG VALVES FLANGED CONNECTIONS, WITH LOCKING DEVICES. C. 2 - 2" QUICK-DISCONNECT PART A ADAPTERS WITH DUST CAPS.		
9	1	2" ODEX MODEL R-400-BPF SELF-CONTAINED LIQUID BACK PRESSURE AND CHECK VALVE. VALVE IS DESIGNED TO CLOSE WITH POWER FAILURE OR IN CON-JUNCTION WITH SIGNAL TO DIVERT BAD OIL.		
10	1	ODEX NON-GRAPHIC CONTROL PANEL OF FAILSAFE DESIGN COMPLETE WITH THE FOLLOWING COMPONENTS:		

(CONTINUED ON PAGE 3)

TOTAL PRICE

Delivery _____

ODEX ENGINEERING COMPANY

Terms _____

By _____

Please examine this quotation carefully, as we agree to furnish only items or services herein described at the prices listed. Prices sub-ject to change without notice.

QUOTATION



Quote No. _____

Sheet No. _____

ODEX ENGINEERING COMPANY

1410 N. GRANT

P. O. Box 1586
ODESSA, TEXAS

Phone FE 7-3566

TO: _____

Date 2/2/52

Dwg. No. _____

_____ TEXAS

Attn. _____

Quote By GENE BEU

Re. IT SKID BORDS, NEW MEXICO

Remarks _____

ITEM	QUANTITY	DESCRIPTION	UNIT PRICE	EXTENSION
		<u>ITEM 10 CONT'D</u>		
		A. SQUARE D - NEMA 3 WEATHERPROOF ENCLOSURE, 14 GAUGE ENAMELED STEEL SINGLE COMPARTMENT.		
		B. LOW FLOW DETECTION CIRCUIT.		
		C. SIZE 1 STARTER WITH THREE OVERLOAD RELAYS.		
		D. 1.0 KVA 440/110 VOLT DRY TYPE TRANSFORMER.		
		E. PRE-SET ALLOWABLE COUNTER, 5 DIGIT, 115 VOLT A.C.		
		F. HAND-OFF AUTOMATIC SWITCH.		
		G. MISCELLANEOUS COMPONENTS INCLUDING 5 DISPLAY LAMPS WITH BULBS, 4 KRPIIAG POTTER-BRO FIELD RELAYS, WITH MOUNTING SOCKETS, RESISTORS, FUSE, LAMP TEST SWITCH, AND MASTER SWITCH.		
		H. SAFETY DOOR INTERLOCK SWITCH.		
		I. 30 AMP, 600 VOLT FUSIBLE DISCONNECT SWITCH, 3 POLE WITH THREE FUSES.		
11	1	LABOR AND MATERIALS TO FABRICATE SKID.		
12	1	LOT MISCELLANEOUS FITTINGS, LABOR TO ASSEMBLE COMPONENTS, AND FREIGHT TO LOCATION.		
		TOTAL PRICE		\$
		<u>OPTIONAL ITEMS</u>		
13	1	ELECTRICAL LABOR AND MATERIALS TO PREWIRE ELECTRICAL COMPONENTS TO CONTROL PANEL MOUNTED ON SKID.		

(CONTINUED ON PAGE 4)

TOTAL PRICE

Delivery _____

ODEX ENGINEERING COMPANY

Terms _____

By _____

Please examine this quotation carefully, as we agree to furnish only items or services herein described at the prices listed to change without notice.

QUOTATION



Quote No. 7-104

Sheet No. 1

ODEX ENGINEERING COMPANY

1410 N. GRANT

P. O. Box 1586
ODESSA, TEXAS

Phone FE 7-3566

TO: CELL OIL COMPANY

Date 2/2/70

P. O. BOX 230

Dwg. No. _____

DALLAS 21, TEXAS

Attn. SALES SERVICE

Quote By GENE PILL

Re. LAST UNIT FOR HOBBS, NEW MEXICO

Remarks _____

ITEM	QUANTITY	DESCRIPTION	UNIT PRICE	EXTENSION
14	1	<p><u>OPTIONAL ITEM CONT'D</u></p> <p>MULL METER AND TRANSPARENT COVER FOR MODEL 2000 EBM MONITOR.</p> <p>WE WILL BE ABLE TO START CONSTRUCTION IN THREE WEEKS FROM RECEIPT OF ORDER AND CAN DELIVER THE UNIT IN FOUR WEEKS.</p>	\$	

TOTAL PRICE

Delivery 30 DAYS

ODEX ENGINEERING COMPANY

Terms NET 30

By _____

Please examine this quotation carefully, as we agree to furnish only items or services herein described at the prices listed subject to change without notice.



ODEX ENGINEERING COMPANY

1410 N. GRANT

P. O. Box 1586
ODESSA, TEXAS

Phone FE 7-3568

TO: UNIT OIL COMPANY

Quote No. F - 633 - 11

1000

Dwg. No.

21, T-113

Date 3 / 13 / 68

Attn: J. J. H. H.

Quote By J. J. H. H.

Re: UNIT OIL COMPANY, OIL LINE

Remarks ITEMS 2, 3 AND 5 TO QUOTE F - 633

ITEM	QUANTITY	DESCRIPTION	UNIT PRICE	EXTENSION
2	1	MODEL 2000 INSTRUMENTS, INC. TEMPERATURE COMPENSATED, PRESSURE BEAM MONITOR, RANGE 0-3%, 30 SECONDS TIME DELAY, W/ 30', TYPE RV/620 COAXIAL CABLE.		
3	1	24 MODEL OX - 205 - 300 B&W INSTRUMENTS INC, B&W PROBE, IMPROVEMENT COATED WITH 1/2" BUSH, FLANGED CONNECTIONS COMPLETE WITH EXPLOSIONPROOF CONSULT ASSY.		
5	1	MODEL 21 K YZ ENGINEERS AUTOMATIC OIL FIELD OIL FIP LINE BEAM MONITOR WITH 20 GALLON PRESSURE TIGHT SAMPLE CONTAINER, MIXER, SIGHT GLASS, HAND PURGE PUMP AND SAMPLE PROBE WITH 45" MITER.		
2 3-A	1	MODEL 2000 INSTRUMENTS INC TEMPERATURE COMPENSATED, 3", EXPLOSION PROOF BEAM MONITOR WITH PROBE, 0-3% RANGE, 30 SECONDS TIME DELAY AND 10' COAXIAL CABLE.		
2 3-A	1	MISC. FITTINGS AND LABOR TO CONVERT FROM 2" TO 3" AND FROM 3" BACK TO 2" TO POINT MONITOR AND PROBE,		
5-A	1	MODEL "BEMER" AUTOMATIC OIL FIELD OIL SAMPLE COMPLETE WITH 20 GALLON PRESSURE TIGHT SAMPLE CONTAINER, MIXER, SIGHT GLASS, HAND PURGE PUMP, VOLUME REGULATOR AND SAMPLE PROBE WITH 45" MITER.		
NET DEDUCTION				

TOTAL PRICE

Delivery AS ORDERED

ODEX ENGINEERING COMPANY

Terms NET 30

By J. J. Howell

PLEASE examine this quotation carefully, as we agree to furnish only items or services herein described at the prices listed subject to change without notice.

TEXAS-NEW MEXICO PIPE LINE COMPANY

F. B. WHITAKER, JR.
DIVISION MANAGER

March 22, 1962

P. O. BOX 1510
MIDLAND, TEXAS

New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Gentlemen:

Mobil Oil Company advises that they intend to make application to the New Mexico Oil Conservation Commission for permission to permanently install and operate an automatic custody transfer system on their State "M" Lease located in the SW/4 of Section 34, T-17-S, R-35-E, Lea County, New Mexico.

Texas-New Mexico Pipe Line Company gathers production from this lease and concurs in the operator's application for permanent approval to install and operate this ACT unit.

Yours very truly,

TEXAS-NEW MEXICO PIPE LINE COMPANY

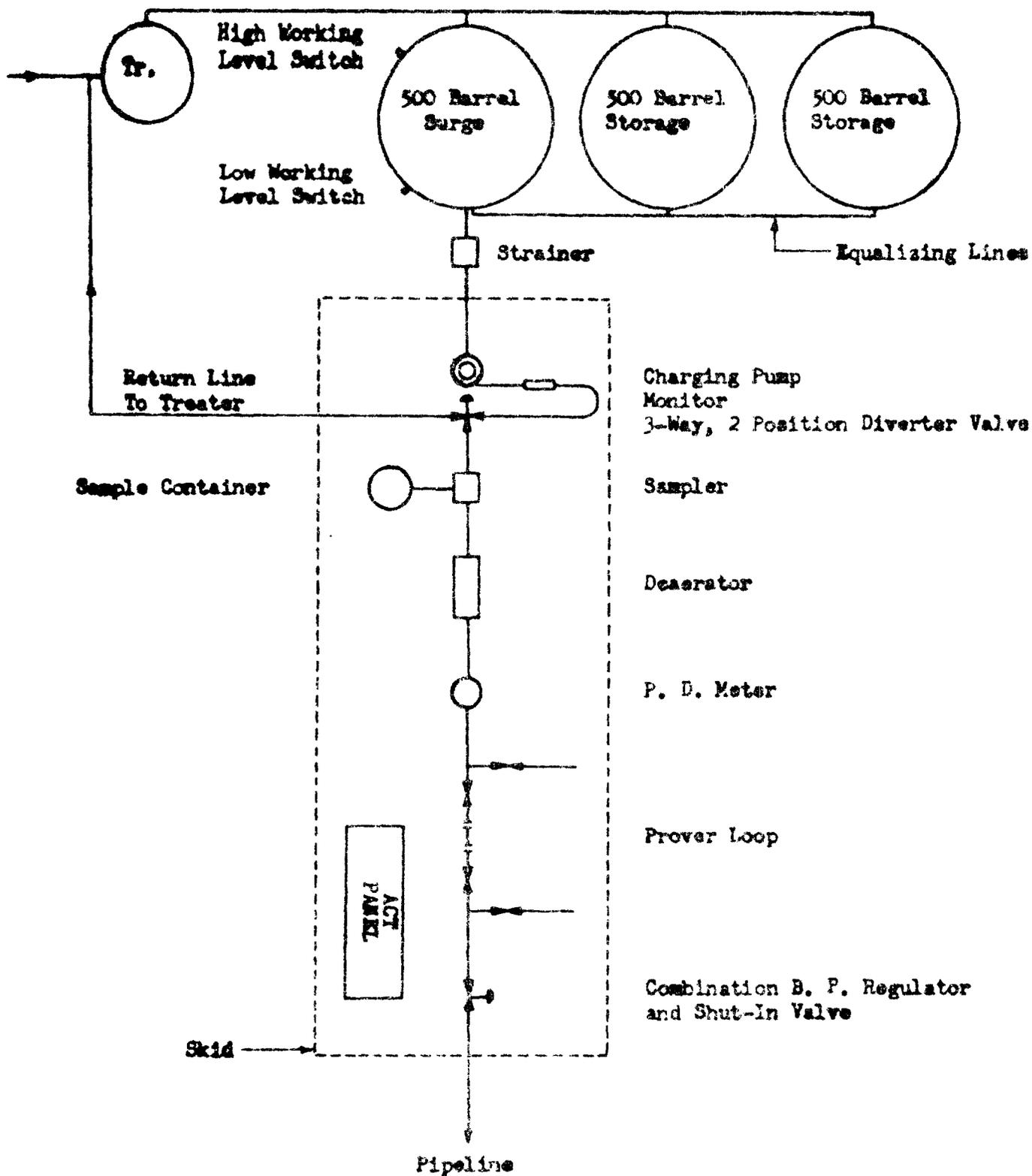
By



L. P. Schraub
Assistant Division Manager

LPS-btk

cc: Mobil Oil Company
P. O. Box 2406
Hobbs, New Mexico

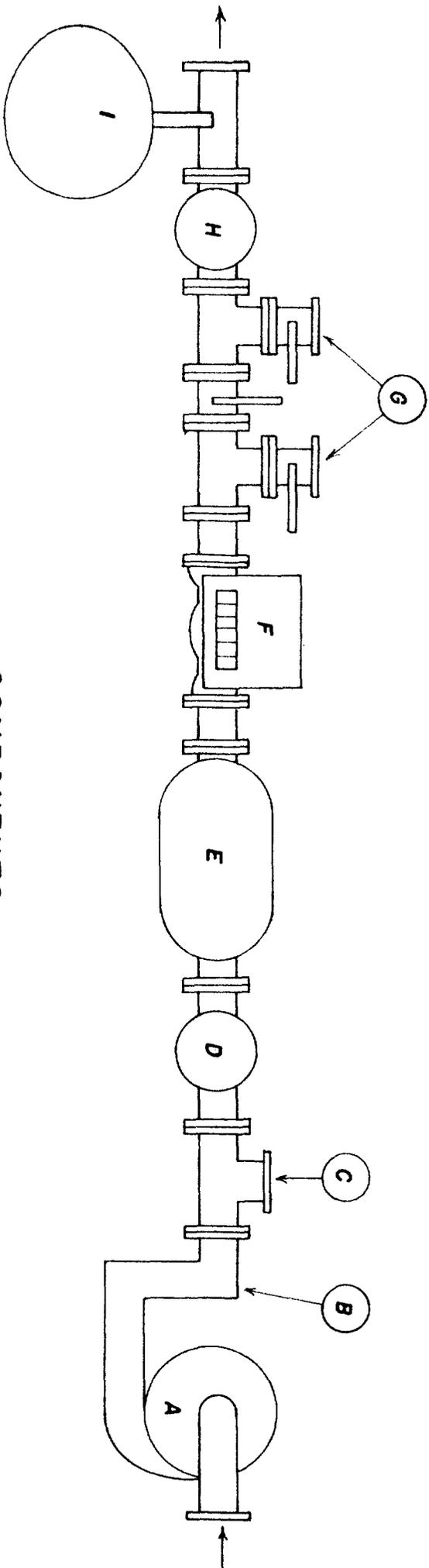


PROPOSED LEASE AUTOMATIC CUSTODY TRANSFER UNIT
 NEW MEXICO STATE EM LEASE BATTERY NO. 1
 NORTH JUSTIS FIELD LEA COUNTY, NEW MEXICO
 HUMBLE OIL AND REFINING COMPANY
 MOERS DISTRICT MARCH 2, 1962 ARB

HODGES B LEASE

Cities Service Petroleum Company — Operator

PROPOSED A C T INSTALLATION

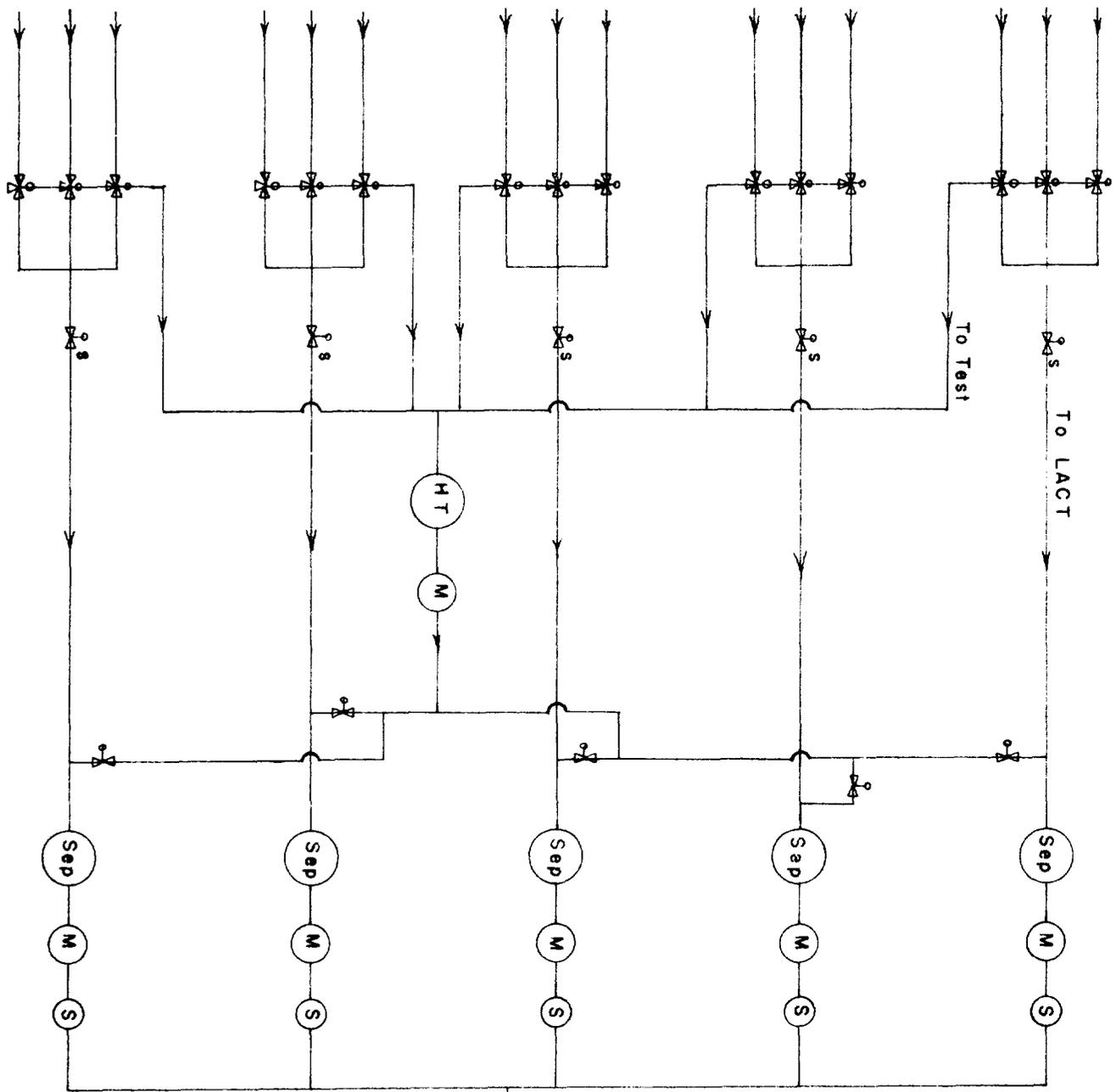


COMPONENTS

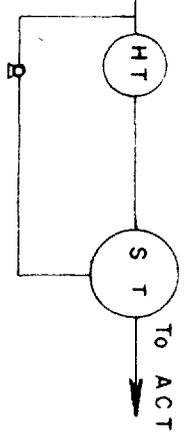
- | | |
|---------------------------------|------------------------------|
| A PUMP | F P. D. METER |
| B BS&W MONITOR | G PROVER CONNECTION |
| C 3 WAY 2 POSITION VALVE | H BACK PRESSURE VALVE |
| D FILTER | I SAMPLER |
| E DEAERATOR | |

CITIES SERVICE PETROLEUM COMPANY
 HODGES B LEASE

Schematic Diagram Proposed Commingling



- ST Stock Tank
- Sep Separator
- HT Heater Treater
- M Meter
- S Sampler
- 3-way, 2-position valve
- Lease Shut-In Valve
- Test Routing Valve
- Q Circulating Pump



TEXAS-NEW MEXICO PIPE LINE COMPANY

F. B. WHITAKER, JR.
DIVISION MANAGER

November 8, 1961

P. O. BOX 1319
MIDLAND, TEXAS

New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Gentlemen:

Cities Service Petroleum Company advises that they intend to make application to the New Mexico Oil Conservation Commission for permission to permanently install and operate a lease automatic custody transfer system on their Hodges "B" Lease located in the SW/4 of Section 1, T-25-S, R-37-E, Lea County, New Mexico.

Texas-New Mexico Pipe Line Company gathers production from this lease and concurs in the operator's application for permanent approval to install and operate this LACT unit.

Yours very truly,

TEXAS-NEW MEXICO PIPE LINE COMPANY

By



F. B. Whitaker, Jr.
Division Manager

FEWjr-btk

cc: Cities Service Petroleum Company
P. O. Box 97
Hobbs, New Mexico



STANDARD OIL COMPANY OF TEXAS

Drawer "S"
Monahans, Texas
March 1, 1962

New Mexico Oil Conservation Commission
P. O. Box 2045
Hobbs, New Mexico

Gentlemen:

Standard Oil Company of Texas, A Division of California Oil Company, requests permission to install an automatic custody transfer unit for sale of crude oil from the State 6-34 Lease, Vacuum (Abo) Field, located in Section 34, Township 17 South, Range 35 East, Lea County, New Mexico. In support of this request we are submitting a Form C-106, area plat, pipeline acceptance letter and schematic of the proposed system. This system has been designed to conform with specifications outlined in NMOCC Case 2243, Rule 309-A, and with your approval we should like to begin installation as soon as possible.

The attached diagram of the battery shows a tank No. 3. This tank is presently installed; however, its volume is not included in the design or in any calculations concerning the operation of the automatic custody transfer unit. The tank may be removed at some future date.

Texas-New Mexico Pipe Line Company is now gathering the oil from this lease and will continue to serve as gatherer.

Thank you for your consideration in this matter.

Very truly yours,

S. J. Mathews, Jr.
S. J. Mathews, Jr.
District Superintendent

WHA:jd

Attachments

THE ATLANTIC REFINING COMPANY
 P. O. Box 520 Casper, Wyoming

Positive Displacement Meter Proving Test Report

Date of Calibration 2-5-60 Field Horseshoe-Gallup

Lease Navajo Location Horseshoe Canyon

Meter Make A.O. Smith Model S-24 Serial Number 96884

	Test No. 1		Test No. 2		Test No. 3		Test No. 4	
	Master Meter Column A	Line Meter Column B	Master Meter Column A	Line Meter Column B	Master Meter Column A	Line Meter Column B	Master Meter Column A	Line Meter Column B
1. Closing Meter Reading	4549.764	301481.681	4655.411	301589.132				
2. Opening Reading	4510.536	301441.576	4616.274	301549.639				
3. Registration (1-2)	39.228	40.105	39.137	39.993				
4. Temperature Readings	48.48 48.48		49.49 49.49					
5. Average Temperature	48°		49°					
6. Average Gravity SPI	42°		42°					
7. Temperature Coefficient	100.60		100.55					
8. Master Meter Factor	99892		99892					
9. Net Oil @ 60° F (7Ax3Ax8A)	39.421		39.310					
10. Line Meter Factor (9A ÷ 3B)		98294		98292				

Average Line Meter Factor 9829

Test Made By: S. Callaway

Test Witnessed By: [Signature]

GOVERNOR
EDWIN L. MECHEM
CHAIRMAN

State of New Mexico
Oil Conservation Commission



P. O. BOX 871
SANTA FE

April 28, 1961

STATE GEOLOGIST
A. L. PORTER, JR.
SECRETARY - DIRECTOR

LAND COMMISSIONER
E. S. JOHNNY WALKER
MEMBER

Mr. M. I. Taylor
Gulf Oil Corporation
P. O. Box 669
Roswell, New Mexico

Re: Case No. 2243
Order No. R-1959
Applicant:
Gulf Oil Corporation

Dear Sir:

Enclosed herewith are two copies of the above-referenced Commission order recently entered in the subject case.

Very truly yours,

A. L. PORTER, Jr.
Secretary-Director

ir/

Carbon copy of order also sent to:

Hobbs OCC x
Artesia OCC x
Aztec OCC x

OTHER _____

This order will also be sent to the following persons when the order is printed.

Guy Buell ✓
H. D. Bushnell ✓
R. M. Anderson ✓
J. E. Robinson ✓
R. L. McGannon ✓
Howard Bratton ✓
Bill Kastler ✓

Gulf Oil Corporation

ROSWELL PRODUCTION DISTRICT

W. A. Shellshear
DISTRICT MANAGER
F. O. Mortlock
DISTRICT EXPLORATION
MANAGER
M. I. Taylor
DISTRICT PRODUCTION
MANAGER
H. C. Vivian
DISTRICT SERVICES MANAGER

February 28, 1961

P. O. Drawer 669
Roswell, New Mexico

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

Attention: Mr. A. L. Porter, Jr.

Gentlemen:

Reference is made to Gulf's application of February 6, 1961, for hearing to revise Statewide Rule 309 to establish a procedure for administrative approval of Automatic Custody Transfer Systems. In compliance with Mr. Dan Nutter's telephone request, attached is Gulf's proposed revision to Rule 309.

It is our understanding that the Commission may desire to call this matter for hearing on its own motion, and if so, we would favor this procedure.

Thank you for your consideration in this matter, and if we can furnish additional information, please advise.

Very truly yours,



W. A. Shellshear

Attachment
JHH:dd



PROPOSED RULES TO ESTABLISH A PROCEDURE FOR
ADMINISTRATIVE APPROVAL OF AUTOMATIC CUSTODY TRANSFER SYSTEMS

RULE 309 - CENTRAL TANK BATTERIES

- (c) The Secretary-Director of the Commission shall have authority to grant exceptions to Rule 309 (a), to permit the use of automatic custody transfer equipment without notice or hearing, provided application for administrative approval has been filed in due form and such application contains the following:
- (1) Lease plat.
 - (2) Schematic sketch of the proposed automatic custody transfer system indicating the function of each of the various components.
 - (3) Application states that the proposed installation is basically similar in design and operation to one previously approved by the Commission, giving case, order number and date of approval for the installation. If one not previously approved, complete description of the installation should be included.
 - (4) Application evidences that the pipe line purchaser has approved the installation.
 - (5) Installation would incorporate the use of safety shut down devices to shut-in the lease in the event of full storage; or in the alternative, provide sufficient storage to handle the production during the unattended hours.
 - (6) Automatic custody transfer equipment shall incorporate a safety shut down device to prevent the delivery of unmetered oil.
 - (7) Installation shall have a set-stop counter to stop the delivery of oil when all legal allowable for the month has been run.

The Secretary-Director may, upon his own motion, after receipt of the application, set the matter for hearing if, in his opinion, conditions should be encountered which will tend to involve waste or impair correlative rights.