

3

CITIES SERVICE OIL COMPANY



Box 69  
Hobbs, New Mexico 88240  
Telephone: 505 EX 3-2177

August 4, 1969

*amend  
PC-305 to include  
Blinebry. would  
then commingle BL, S.A.  
& Bowers prod. after  
separating each*

Oil Conservation Commission  
P. O. Box 2088  
Santa Fe, New Mexico

Gentlemen:

Cities Service Oil Company has recently completed the Clara Fowler #9 in the Hobbs Blinebry Pool. On June 21, 1966, the Oil Conservation Commission issued Administrative Order PC-305 to allow the Hobbs San Andres production and the Bowers production on the Clara Fowler lease to be commingled. It is requested that the above order be amended or a new order issued to allow the Blinebry, San Andres and Bowers production to be commingled.

Oil production will be kept separate until metered and sampled in compliance of State rules. The present ACT will be utilized but lease facilities expanded as the attached schematic shows.

The following documents are attached:

1. Plat of Clara Fowler lease.
2. Schematic of the proposed commingling facilities.
3. Form C-106.
4. Letter of approval from crude purchaser.
5. Gravities and value of the crude from the three zones and the combined gravity and price.
6. ACT schematic and equipment list.

Very truly yours,

CITIES SERVICE OIL COMPANY

E. Y. Wilder  
District Manager

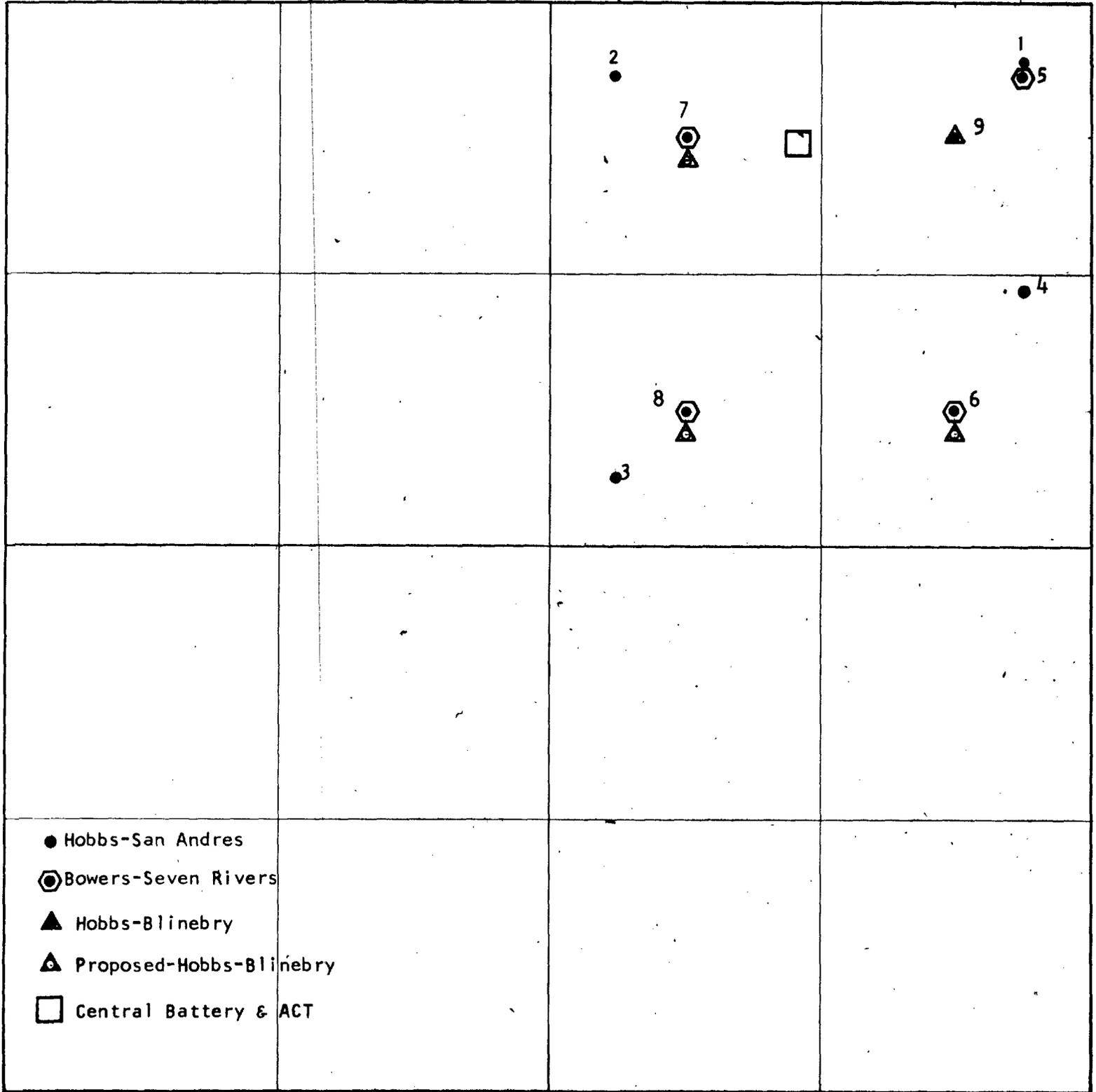
EYW/JS/sjb

SECTION PLAT

Scale: 1 inch = 660 feet

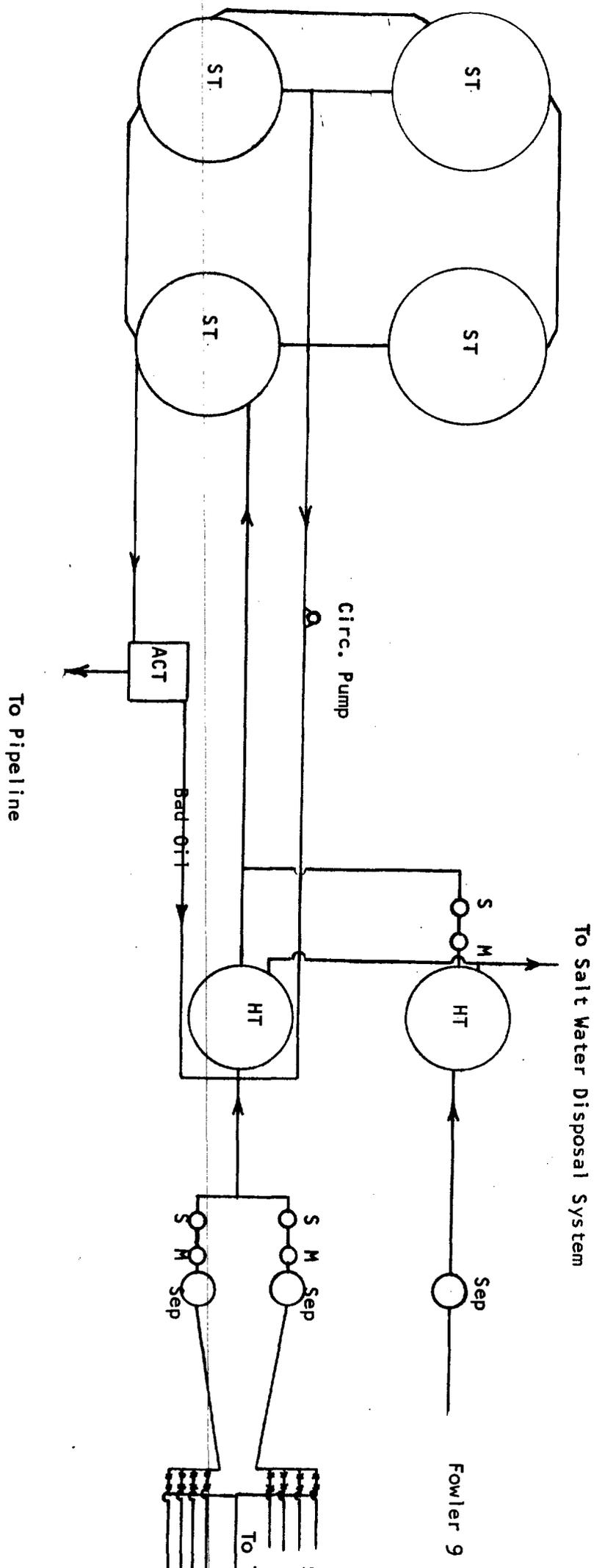
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SECTION 31 TOWNSHIP 18S RANGE 38E COUNTY Lea STATE New Mexico



CLARA FOWLER LEASE TANK FACILITIES  
 Sec. 31-18S-38E, Lea County, N. M.

- ST - Stock Tank
- HT - Heater Treater
- Sep - Separator
- M - Meter
- S - Sampler



NEW MEXICO OIL CONSERVATION COMMISSION  
NOTICE OF INTENTION TO UTILIZE AUTOMATIC CUSTODY TRANSFER EQUIPMENT

Form C-106  
4-28-61

ACT Permit No. 1-191

Operator Cities Service Oil Company Field Hobbs

Address Box 69, Hobbs, New Mexico County Lea

Lease(s) to be served by this ACT Unit Clara Fowler

Pool(s) to be served by this ACT Unit Hobbs-San Andres; Bowers Seven Rivers & Hobbs Blinebry

Location of ACT System: Unit B Section 31 Township 18-S Range 38E

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-305 Date 6-24-66

Authorized transporter of oil from this system Atlantic Pipeline Company

Transporter's address P.O. Box 1190, Midland, Texas

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 wellhead?

\_\_\_\_\_ 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 1400 BBLs.

What is the normal maximum unattended time of lease operation? 24 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: The ACT has been approved for the commingling of the San Andres & Bowers

production and permission to add the Blinebry is requested.

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 E. Spiller

By \_\_\_\_\_ Title District Manager

Title \_\_\_\_\_ Date August 4, 1969

Atlantic Pipe Line Company Post Office Box 1190  
Midland, Texas 79701  
Telephone 915 682 2576



West Texas-New Mexico Region

July 30, 1969

Cities Service Oil Company  
Box 69  
Hobbs, New Mexico 88240

Attention: Mr. E. Y. Wilder  
District Manager

Gentlemen:

We have reviewed your letter concerning the commingling of the production from the Clara Fowler #9 well with the present Grayburg-San Andres and Bowers Crude in the Hobbs Field.

This commingling meets with our approval and you may use this letter as evidence of this approval to the New Mexico Oil Conservation Commission.

Yours very truly,

  
H. G. Mealer  
Regional Superintendent

HGM:gaw

cc: Mr. B. W. Coolidge  
Hobbs, New Mexico

REC'D HOBBS  
PROD. DIV.  
JUL 3 11969

PRODUCTION DATA  
CLARA FOWLER LEASE

Production - June, 1969  
Bowers pool - 11 BOPD  
Hobbs-San Andres - 249 BOPD

Total - 259 BOPD

Blinebry well completed in July, 1969, for 110 BOPD (Top allowable is 86 BOPD)

Gravity of commingled San Andres and Bowers production 35.7° API

Gravity of Blinebry crude 37° API

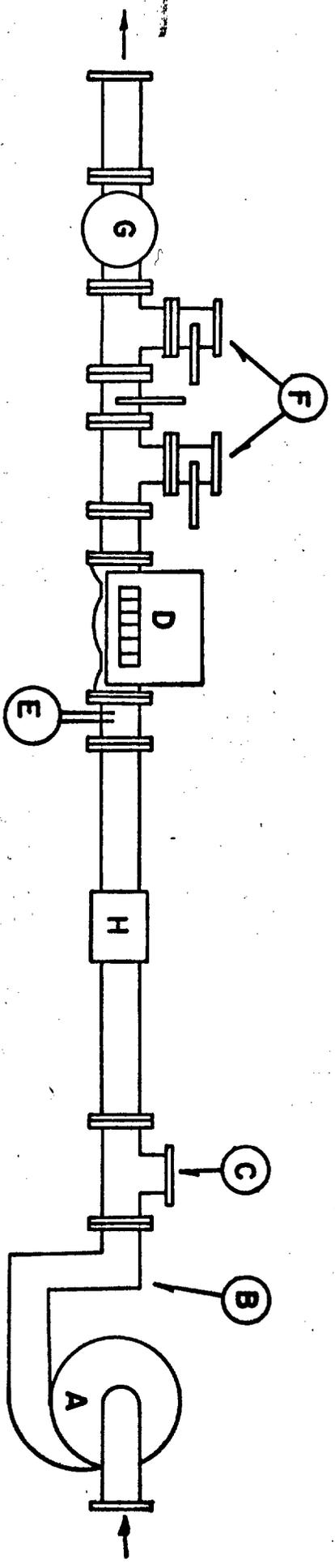
Est. gravity of commingled production 36° API

	Value of Crude	Price of Crude
San Andres & Bowers	\$834 per day	3.22
Blinebry	\$280 per day	3.26
Est. Combined value	\$1178	3.24

Increase in crude price of \$64 per day is expected

# CITIES SERVICE OIL CO. - OPERATOR

## PROPOSED A C T INSTALLATION



### COMPONENTS

- A Pump - Centrifugal
- B BS&W Monitor - Inst. Inc.
- C 3 Way 2 Position Valve
- D P.D. Meter - 2" A. O. Smith
- E Sampler
- F Prover Connection
- G Back Pressure Valve
- H Air Eliminator & Strainer

LACT capacity - 43 BPH or 1000 BPD

Meter - A. O. Smith Model S-13PD w/Model 107 horizontal non reset register.

Charge pump - Aurora Model GAP (or equal)  $1\frac{1}{2}$  x 2" x 9" centrifugal pump w/vertical discharger.

Sampler containers - 1 - 5 gal. McFarland sampler w/Sun shield.

Sampler - McFarland Economy Model sampler to operate by solenoid valve - One sample per barrel - J & L (or equal) electric pulse transmitter to give signal to solenoid.

Flow rate monitor - B S & B to be pulsed by electric pulse transmitter.

Back pressure valve and check valve installed just after proving connections.

Monitor - Instruments Incorporated Model 2000 B S & W monitor 0 - .3% range, 30 sec time delay, fail safe.

Probe - Instruments Incorporated 2" - CX-205-200B6P

Pipe line seals - will be located at normally requested places.