

SERVICE PIPE LINE COMPANY

Lovington, New Mexico
April 19, 1960

APR 19 1960

Mr. P. A. Dennie
Division Production Manager
SHELL OIL COMPANY
P. O. Box 845
Roswell, New Mexico

Subj: LACT Units
Shell-State "A", Saunders Pool
Shell-State "B", Townsend Pool
Shell-Priest, Denton Pool

Dear Sir:

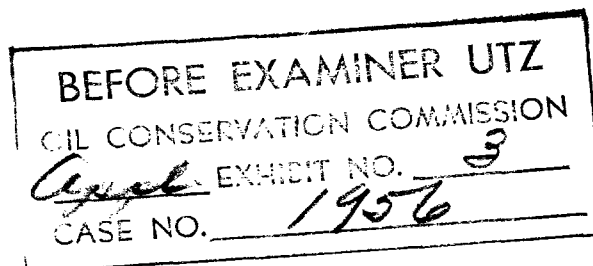
We have reviewed your plans for LACT units to automatically transfer oil to Service Pipe Line Company on subject leases.

Your proposed facilities are satisfactory to us, and we are agreeable to receive oil at these locations on an automatic basis. Please inform us as soon as these installations are approved so we may order proving tanks. We would also like to know your estimated completion date.

If we can be of any further assistance to you, please feel free to call on us.

Yours very truly,

C. F. Sines
C. F. Sines



Utex Expl.
"A"

Utex Expl.
"Pan Amer."

Wilshire Oil
"5-A"

Wilshire Oil

5
A037 -6171 T.A
-6406-54" II-56
-6278(75)600h
50 b/d (2064)R-40°
-6406 T.D. XII-1-54
-6355-P.B.
3-7000 Gals.
1-20,000 Geo.frc.

- 6A46-5'1/2"
- 6290(102'/86") 576 h
845 b/d (24/64") R-1077 40.2
- 6A46 T.D. V-16-5A

4
4037 • 6176
- 6496 - 7"
- 6313 (100') 600 h
861 b/d (28 64") R-1376
- 6510 T.D. XI-22-53 39.8° - 6460
- 6476 P.B. - 1-3000 Gals

1
4046 ● 6377 | State 4042 1 ● 6292
6522-572"
-6500(26/18") 72h
2165/d(20/64") 40° -6396(38/60") 74.0h
-6516+8-311.28-55 -7587/d(20/64") R-1649 46
-6522 P.D. XI-3 -85
6594 P.B. 1000 G.A.
1000 G.A.

H.A. Townsend

Shell
NM1227
640 Ac.

P.D.S.
"ETA"

- 6AA7-5 1/2"
- 632A (98/78) 312 h
253 b/d (18/66") + 5 b/w R
- 6AA9 T.D. VIII-5-54
- 642A P.B. 5500 Gb)

Humble

5
4034 - 6211
- 6541-5 1/2"
- 6352(63/30)120h
358 b/d(21/6A")R-1910
- 6541 T.D. IV-28-54 40.5"
- 6493 - PB

1
4041 ● - 6194

4039 ● - 6179
- 6496 - 5 1/2"
- 6363(20) 80h
325 b/d (21/64") 2-1039-29 5
- 6496 T.D. XII-23-55
- 6453

10
4034 ● - 6214
- 6467-5 1/2"
6375 (61/49) 196 h
95 b/d (20/64) R-6643 40.2°
6467 T.D. IV-30-56
- 6440 P.B.
500 G.A.

2
4037 ● - 6166
- 6500 - 5'12"
- 6340 (91') 364 h
372 b/d (20' 64") R-1146
- 6500 T.D. VIII - 25 - 55
- 6460 P.B.
1-2000 G.A.

8
4033 ● - 6217
- 6552-5'2"
- 6370 (75/63') 252 h
862 b/d (32'6A") R-1889 40°
- 6552 T.D. XII-31-55
- 6506 P.B.
500 G.M.A.

4038 3 -6186
-6512-5 1/2"
-6418(37/22")88 h
343 b/d(20/64")R-1144
-6512 T.D. XI-1 - 55

9
4032 ● 6233
- 6516 - 5 1/2"
- 6451 (53) 216 h
767 b (d (1/2")) R - 2292 39°
- 6516 P.O. III - 3 - 56
- 6514 - P.B.
500 G.A.

4051  - 6509
- 6705-5 1/2"
d - 6689 (5) 20h.
233b/d + 19b/w (1/4") R-1670 30°
- 6705 T.D. VII-17-53
- 6703 P.B.
1-1000 Gal.
P & A
XI-11-54

-65807P IX-1-56 6-396 (15/11)28h.
 -6567P 1724d(P)R-480 5
 1000 G.A.
 -6457(25) 50h 6412 P.B. VII-8-59
 1345d+3BW(P)-1445 2000 GA A042 -6
 3000 GA. V-6-59 -6475-51/2
 -6514 (62/36) 144h 6 // -6388(32)1/28
 1624d(P)R-1890 A041 6323 48051g+28/W
 1000 GA X-6-58 -6475 T.O.I
 6595 51/2" -6423 PR
 -6573(28)112h State 1500 G.A.
 2324d(20)64"R-1010
 -6597 T.O. VI-9-56
 -6595 P.B.
 2000 G.A.

B-59
A042 ● -6210
-6475-5 1/2"
-6388(32')128h
480 b/o + 28 b/w (20/6A)
-6475 T.D. II-17
-6429 P.B.
-6522 B.A.

P.B. -651
A.
-6318 (67/26)
78^b/d + 1058W(P)
-6384 P.B. X-12-59
750 GA

Skelly

Amerada
"STA"

Skelly 1
"D" 4041 ● 6349

2 Pure
4036 ●-6238 C

1
A-033 ●-6245

Humble

4047 -6538
-6718-5 1/2"
-6658 (20) 80h.
1302b/d (3/4") R-1629 40°
-6718 T.D. I-9-53

4046 -6581
-6704-5 1/2"
-6693(10)40h.
735b/d(5/16)R-1372-39.8°
-6704T.D. V-14-53
PEA
T. 60

721 1/4 (30/64) R-889 40°
-6641 TO XII-8-56
11 1000 G.A.

4036 ● -6238 C
-6542-57e"
-6434 (58/31)124 h
409 b/d (24/64") R-1684 40.
-6542 T.D. VI - 5 - 56
500 G.M.A.

A033 ● -6245
-6533-5'2"
-6475 (36/30) 180 h
502 b/d (24/64") R-1120

4028 - 6272

SHELL OIL COMPANY
Roswell Production Division

TOWNSEND-WOLFCAMP POOL
State "ETA" Lease

Sec. 8, T-16-S, R-36-E
Lea County, New Mexico
April 25, 1960

H. L. Hurley

4
4212 ● -5535
-5798-5 1/2"
-5695 (21) 84h
260 b/d (16)
43.4° -5798 T.D. VII-25-59 42°
-5788 P.B. 1000 GA

1
4211 ● -5529
-5892-7"
-5721 (22) 88h
534 b/d + 177 b/w/d (5/8") R-9
-9836 T.D. X-6-51
-5827 P.B.
2-2500 Gal.

5
4206 ● -5547
-5814-5 1/2"
-5616 (42) 112 b/w/d (32)
336 b/d (32)
-5814 T.D. X-6-51
1900 GA

Fish NW, Inc.
"A" 2
4201 ● -5559
D & A
-5839 T.D. VII-15-58

Atlantic
8-11-62

BEFORE EXAMINER UTZ
OIL CONSERVATION COMMISSION
App. EXHIBIT NO. 1
CASE NO. 1954

2
4214 ● -5541
-5787-5 1/2"
-5654 (69/35) 140h
243 b/d (24/64)
43° -5789 T.D. I-20-59 42°
-5788 P.B. 1000 GA

1
4212 ● -5548
-5480-5 1/2"
-5595 (178/64) 256h
241 b/d + 238 SW (GL)
38° -5780 T.D. IX-9-58 38°
1000 GA

4207 ● -5570
-5775-5 1/2"
-5616 (42) 251 100h
388 b/d (32/64)
-5789 T.D. II-28-59
-5775 P.B. 500 G.A.

6
-5804-5 1/2"
-5607 (114/30) 120h
302 b/d (14)
-5804 T.D. II-23-60 44°
-5764 P.B. 1750 G.A.

Gulf
9-21-64
Texas
"BW"
4205 ● -5573
D & A
-5843 T.D. VIII-13-53

Amerada
HBP

State

Fish Northwest, Inc.
"A"

Shell
NM-1450
(600 Ac.)
320 Ac.
P.D.S.
"A"

Gulf
"CK"

Fish Northwest, Inc.
"A"

3
4215 ● -5544
-5800-5 1/2"
-5708 (72/54) 216h
360 b/d (32/64)
42° -5800 T.D. XI-27-57 42°
-5797 P.B. 2000 G.A.

2
4210 ● -5559
-5820-5 1/2"
-5646 (34/30) 120h
264 b/d + 48 SW (22/64) R-1923
-5820 T.D. IX-24-57
-5797 P.B.

8
4208 ● -5572
-5860-5 1/2"
-5762 (28/20) 80h
236 b/d + 79 b/w/d (32/64) R-1328
-5860 T.D. VIII-14-58 40.6°
-5825 P.B. 250 G.A.

6
4207 ● -5568
-5652-5 1/2"
-5629 (11) 88h
174 b/d + 44 b/w/d (11/32) R-1465
-5653 T.D. XI-10-55 40.5°
-5647 P.B.

4203 ● -5571
-5760-7"
-5587 (11/57) 264h
888 b/d + 288 b/w/d (R-264)
-5797 T.D. X-28-53 38°
-5714 P.B.
1-6,000 Gal

4197 ● -5639
-5864-5 1/2"
-5773 (30) 120h
300 b/d + 15 SW (24/64)
-5883 T.D. II-27-58 39°
1000 G.A.

4
4212 ● -5566
-5798-5 1/2"
-5654 (96/69) 276h
240 b/d + 24 SW (3/4)
-5801 T.D. I-26-58 41.6°
-5768 P.B. 3500 G.A.

1-X
4209 ● -5565
J & A
-101 T.D. IX-30-57
-5821-5 1/2"
-5705 (78/60) 240h
212 b/d + 13.5 SW (1/2")
-5821 T.D. VII-14-57 38°
-5805 P.B. 1000 G.A.

7
4208 ● -5560
-5849-5 1/2"
-5634 (27/14) 56h
274 b/d + 39 b/w/d (32/64) R-1213
-6850 T.D. VII-27-58 40.4°
-5821 P.B. 1000 G.A.
-5586 (92/27) 94h
81 b/d + 74 SW (P) R-1949
2000 GA IX-16-59

5
4207 ● -5563
-5712-5 1/2"
-5625 (24/14) 56h
273 b/d + 30 b/w/d (9/32) R-1621
-5713 T.D. IX-9-54
-5703 P.B.

Amerada
"SH"
4201 ● -5569
-5799-5 1/2"
-5586 (123/39) 166h
359 b/d + 539 b/w/d (48/64) R-928
-5828 T.D. II-17-53 41.6°
-5789 P.B. 3-1500 Gal.

Fish Northwest, Inc.
Shell-ORR & below
10,700 "B"
Shell Can. 1
Shell NM-1291
320 Ac.
R.D.S.
4196 ● -5616
-5884-5 1/2"
-5754 (70/60) 240h
480 b/d + 12 SW (1/2")
-5884 T.D. I-2-58 44.5°
-5874 P.B. 4000 G.A.

Gulf

34

35

J & A
X-19-58
4
4209 ● -5541
-5801-5 1/2"
-5635 (96/60) 232h
274 b/d (11/64)
-5801 T.D. VII-17-58
-5790-7"
-5661 T.P. 500 G.A.
-5661 (108/64)
268 b/d + 108 b/w/d (1/2") R-1669
-5791 T.D. VII-17-52 41.1°
-5723 P.B. 1-2000 Gal.

3
4202 ● -5564
-5722-7"
-5653 (50) 200h
392 b/d + 108 b/w/d (3/4")
-5723 T.D. IX-24-52 44°
-5717 P.B.
-5552-7"
-5658 (171/2) 70h
984 b/d + 488 b/w/d (2") R-1303
-9025 T.D. I-13-50 41.7°
-6502 P.B. 1000 GA

4
4204 ● -5564
-5717-5 1/2" Lnr.
-5566 (40/18) 72h
251 b/d (1/4") R-1820
-5717 T.D. IV-17-52 41.7°
-5685 P.B.
-5337-7"
-5695 (4) 16h
404 b/d (1/4") R-1561
-5737 T.D. IX-23-50 43.2°
-5708 P.B.

3
4204 ● -5558
-190 (5890) 5 1/2" Lnr.
-5690 (5) 20h
456 b/d (1/2") R-1483
-5701 T.D. I-21-52 42.6°
-5697 P.B.
-5638 (4) 56h
-5717 T.D. XII-13-54
-5652 P.B.
-5637 (10) 140h
288 b/d (1/4") R-1147
-5701 T.D. IX-18-52 47.3°
-5662 P.B.

2
4199 ● -5569
-5710-5 1/2"
-5598 (26/17) 68h
292 b/d (5/16) R-1433 41.5°
-5711 T.D. VI-10-52
-5646 P.B. 1500 GA

2
4209 ● -5561
-5653 (70) 280h
213 b/d + 58 W (F) R-1243
2-6000 GA IX-2-56

1
4207 ● -5561
-5633 (20) 80h
272 b/d (F) R-1432
2-4000 GA IX-10-56

1
4203 ● -5552
120 b/d + 87 b/w/d (P)
-5737 T.D. XII-19-52 41.7°
-5708 P.B.
-5736-5 1/2" Lnr.
-5592 (10) 40h
318 b/d (1/4") R-1187

2
4203 ● -5578
-5783-5 1/2"
-5571 (5) 60h
330 b/d (1/4") R-2304
-5783 (95/73)
285 b/d (F) R-19
2000 GA IX-2

1
4198 ● -5572
-5706-5 1/2"
+182 (5889) 5 1/2" Lnr.
-5684 (6) 24h
880 b/d (1/2") R-1207 43.7°
-5707 T.D. XI-11-57
-5697 P.B.

James W. Gray

Amerada
"SB"

Amerada
"SC"

Amerada
"SD"

7
4206 ● -5546
-5804-5 1/2"
-5751 (17) 168h
368 b/d + 31 b/w/d (1/2") R-1338
-5804 T.D. X-14-51 39.5°
-5789 P.B.

2
4207 ● -5533
-5708-4"
-5678 (28) 168h
824 b/d (5/16") R-1753 40.1°
-5708 T.D. IX-24-51
-5706 P.B. 500 Gal.

1
4205 ● -5540
-5701-5 1/2"
-5665 (25) 100h
826 b/d (3/8") R-1638 44.6°
-5701 T.D. XII-27-50
-5680 P.B. 500 Gal.

1
4201 ● -55
-4732-5 1/2"
-5657 (32) 128
1134 b/d (3/8") R-
-5732 T.D. IX-9-
-5809 P.B. 800 Gal.

SHELL OIL COMPANY
Roswell Production Division

SAUNDERS (PERMO-PENN.) POOL
State "A" Lease

E/2, Sec. 34, T14S, R33E
Lea County, New Mexico
April 25, 1960

2
4208 ● -5534
-5696-5 1/2"
-5637 (33) 132h
343 b/d + 102 b/w/d (1/2") R-1600

1
4204 ● -5536
-5699-5 1/2"
-5666 (25) 100h
1168 b/d (1") R-1490 42.8°
-5702 P.B. 500 Gal.

5
4199 ● -55
-5695-5V
-5671 (32)
661 b/d (1/4")

Texas
"AQ"

Case No.

1956

Large Exhibit

BILL OF MATERIAL

1. 2" Viking pump, Model K 288, gear ratio 4.19:1 w/3 h. p. explosion-proof 220 volt, 1800 RPM, 1 phase, 60 cycle motor. Pump to be equipped with relief valve. (To be supplied by Shell Oil Company.)
2. 2" inline probe w/monitor, range 0-3% (Gulf Research & Development Company Patent).
3. 2" strainer, flanged ends with 1/4" mesh screen.
4. 1-1/2" Model T-6 A. O. Smith positive displacement meter w/standard trim, 125 psi, flanged ends, cast iron body complete with No. 109 horizontal non-reset counter to register barrels. Type T electric transmitter geared for 1 pulse per 4 barrels throughput, automatic temperature compensator for °API.
5. 1-1/2" Clayton Model 58 E combination back pressure and solenoid valve, spring range 20-80 set at 25 psi.
6. 1-1/2" screwed plug valve.
7. 2" Clayton Model 136 E threaded valve c/w solenoid or equivalent.
8. 0-100 # pressure gage and gage snubber.
9. 3" x 2" screwed swage with 1" collar.
10. 2" x 1-1/2" flanged swage.
11. 1" collar.
12. 1-1/2" threaded plug valve with std. pipeline seal and padlock.
13. 2" x 2" x 1-1/2" threaded tee.
14. 1-1/2" threaded union.

NOTES

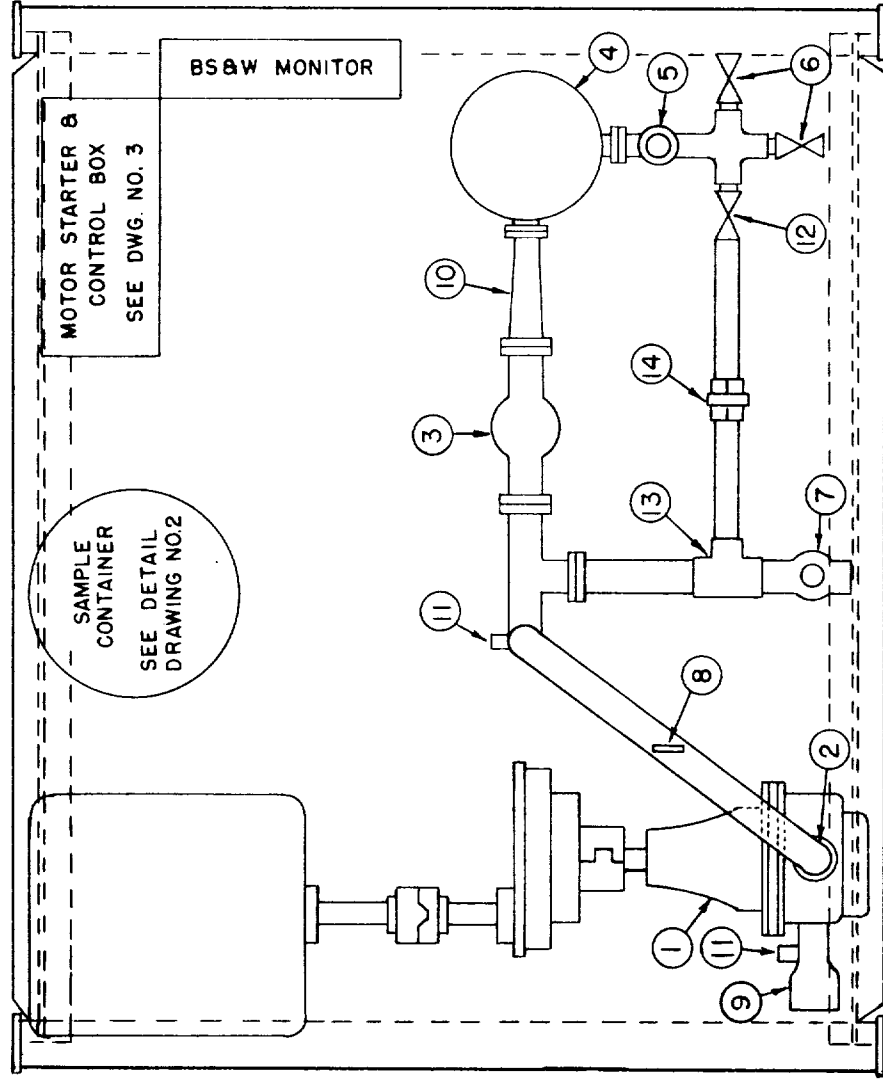
1. Equipment to be skid-mounted, as close-coupled as practicable and adequately braced.
2. Mount weather proof electrical components on metal rack 2' above skid.

BEFORE EXAMINER UTZ

OIL CONSERVATION COMMISSION

EXHIBIT NO. 2

CASE NO. 1956



SHELL OIL COMPANY
ROSSELL DIVISION
MECHANICAL ENGINEERING SECTION

SKID MOUNTED PD METER
ACT UNIT

Drawn by: JFJ

Date: 4-12-60

Drawing No. 1