

OKLAHOMA SECTION RECOVERY

| and/or Well Description | Formation & Depth | Int. | | Order No. | Date | Type Order | Applicant |
|--|--|-------|-----|---|----------------------------|------------|---|
| | | Begin | End | | | | |
| 14 W/2 NW 15 SE NE NE & SE NE <i>Garrick Wilson #1 active</i> <i>Join 8-13-90</i> | Lower Cromwell 4760 - 4890 <i>as of 9-2-87</i> | | | 99550 CD 36853 <i>W.F. W. Co.</i> | 8-28-73 <i>10-31-74</i> | WF | Ferguson Oil Company Texasco Producing Inc. <i>Tide West Oil Co.</i> |

Order Types: 15A - Waterflood
15B - Gas Injection
15C - Other

15D - Increased Allowable
15E - Extensions

Hughes COUNTY
Twp - 4N Rge - 9E

OKLAHOMA SECC OIL & GAS RECOVERY

| Sec. | Area and/or Well Description | Formation & Depth | Type Project | Order No. | Date | Applica- tion No. | Applicant |
|------|--|--|------------------------|-----------|---------|----------------------|--|
| 8 | Lot 5 & SE NE Lot 4 & SW NW | Gilcrease 2450' | WF | 44762 | 3-9-61 | 14701 | Hubert E. Bale |
| 8 | S/2 S/2 Lot 9) plus riparian Lot 1) rights (See 5N-8E Pontotoc & Seminole Counties) | Gilcrease 2258' Cromwell 2446' | WF <i>See 15282</i> | 59972 | 9-9-65 | 22815 | Sunroy DX |
| 8 | N/2 & N/2 S/2 Lot 9 (See 5N-8E Pontotoc & Seminole Counties) | Cromwell 2600', Gilcrease 2300' | WF | 61334 | 1-19-66 | 22971 | Cities Service Oil Co (75) |
| 7 | N/2 SE SW & S/2 SE & NW SE S/2 S/2 of Lot 9 plus riparian rights | Gilcrease & Cromwell | WF | 75282 | 6-12-69 | 30530 | Sun Oil DX (22) Chemical Pump & Supply |
| 17 | Lots 1, 3, 4, 5, 6 & NE NE & SW NE plus riparian rights & N/2 NE SW & W/2 NW SE & W/2 NE SE | (reported in error under Order #4752) | | | | | |
| 18 | S/2 NE & N/2 N/2 N/2 SE & S/2 N/2 NW SE & S/2 NW SE & Lot 8 plus riparian rights | | | | | | |
| 19 | 8.86 A in S/2 Lot 1, All Lot 10, NW 9.6 A of Lot 11, N 10.5 A & SW 4.9 A of Lot 12, All Lot 13 plus riparian rights & SE NE & E/2 SE & E/2 SW SE N/2 SW | | | | | | |
| 20 | (See 5N-8E Pontotoc & Seminole Counties) | | | | | | |
| 14 | N/2 NE & Lots 3 & 4 | Allen Sand - 750' | WF | 88806 | 1-14-72 | 34534 | Megral Drilling Co. <i>with share of Taylor</i> |
| 14 | NE NW & Lots 1 & 2 | <u>THE BOND ALLEN SAND UNIT</u> | | | | | |
| 15 | Lots 1 & 2 # Base 477 pi 4 4-5-89 | | | 90214 | 4-3-72 | - | Ratification of Unit |

(69) Well Description WF-Water Flood GI-Gas Injection TP-Thermal Process
 HUGHES COUNTY
 Twp- 5N Rge- 8E
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OKLAHOMA SECONDARY RECOVERY

| Well No. | Well Description | Formation & Depth | Initial Begin | Order No. | Date | Type Order | Applicant |
|----------|-------------------------------------|----------------------------|---------------|-----------|----------|------------|---------------------------|
| 11 | NE SE & S/2 SE W/2 SW | Upper Booch. 2258 - 2280 | | 108812 | 11-18-74 | 16 | Wilshire Oil Co. of Texas |
| 14 | Lots 3 & 4 & N/2 NE | BOND UPPER BOOCH SAND UNIT | | CD39598 | | | |
| 15 | Lots 1 & 2 | | | | | | |
| 11 | R B R Allen Sand U. | Allen sand | CD 105619 | 246206 | 10-11-83 | | Treppo, INC. |
| 11 | SW SE SW SW | Allen 750-778 | 258111. | 14336 | 4-26-84 | | Treppo Inc. |
| 11 | SE SE SW SW | Allen 747-767 | 258112 | 14337 | 4-26-84 | | " " |
| 10 | NE SE NE Lower Band Ranch 'C' #4 | Allen 932-950 | 352820 | 22410 | 12-21-90 | | Treppo Prod. Co. Inc. |
| 11 | NE SW SW NW RBL "E" #2 | Allen 902-918 | 352821 | 22411 | 12-21-90 | | " " |
| 11 | NE NE NW SW RBL "A" #7 | Allen 893-907 | 352822 | 22412 | 12-21-90 | | " " |
| 11 | NE SE SW NW RBL "E" #3 | Allen 919-923 | 352823 | 22413 | 12-21-90 | | " " |
| 11 | NE NW SW SW RBL #10 | Allen 892-912 | 352824 | 22415 | " | | " " |
| 10 | NE SE NE SE RBL "B" #4 | Allen 874-880 | 352825 | 22417 | " | | " " |

Order Types: 15A - Waterflood 15D - Increased Allowable
 15B - Gas Injection 15E - Extensions
 15C - Other

HUGHES COUNTY

Page -- 8E

SECONDARY RECOVERY

WELL RECORD

| Sec. | Well Description | Formation & Depth | Order No. | Date | Application No. | Applicant |
|------|---------------------------|-------------------|-----------|----------|-----------------|-------------------------|
| 11 | EBE "A" #2 NE SW NW 34 | Allen 862-882 | 352826 | 12-21-90 | 22418 | Tepco Prod. Co. Inc |
| 11 | EBE "A" #5 NE SE NW 34 | Allen 913-929 | 352827 | " | 22419 | " " " " |
| 11 | EBR "A" #6 NE NW 34 | Allen 880-892 | 352828 | " | 22420 | " " " " |
| 10 | EBR "B" #3 NE NE SE | Allen 846-860 | 353020 | 12-28-90 | 22416 | Imperial Prod. Co. Inc. |
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Twp- 5 N Range- 8 E
 Hughes County P. 100

OKLAHOMA SECONDARY RECOVERY

| Sec. | Area and/or Well Description | Formation & Depth | Type Project | Order No. | Date | Application No. | Applicant |
|------|---|--|--------------|-----------|----------|-----------------|--|
| 17 | SW SE SE & W/2 SE & S/2 N/2 SW & SE SW & E/2 SW SW & NW SW SW NW & N/2 SW & N/2 S/2 SW & N/2 SE & SE SE & N/2 SW SE & SE SW SE & W/2 NE & SE NE & W/2 NE NE | Upper & Lower Booch 2740' & 2850' | WF | 43305 | 9-8-60 | 13958 | Burk Royalty Co (174) Bonita Hydrocarbons Co Edmond L. Parkins 1/94 |
| 20 | | <i>Chloro project</i> 04570 04579 02525 | | | | | |
| 8 | All | Booch 2700-50' | WF | 45442 | 5-9-61 | 14700 | Sub. a Tom Jack Wrote Pryor 3/82 Bradley L. Parkins 9/94 Edmond L. Parkins 5/15/93 |
| 16 | SW SW | Allen 800' | WF | 49311 | 7-12-62 | 16953 | Ralph M. Connell (74) Bonita Hydrocarbons Co. |
| 20 | E/2 E/2 NE | | | 149377 | | | |
| 21 | W/2 NW & S/2 SE NW | Booch 2900' | WF | 50553 | 12-13-62 | 17552 | R.M. Connell Bonita Hydrocarbons Co. P.E. - Mc. Lue. 3-1-93 |
| 16 | SW SW | | | 50553 | | | |
| 20 | E/2 E/2 NE | | | 50553 | | | |
| 21 | W/2 NW & S/2 SE NW | | | 50553 | | | |
| 17 | NE SE & N/2 SE SE & SE SE SE | Booch 2800' | WF | 52722 | 9-10-63 | 18757 | H & H Supply Co |
| 5 | S/2 S/2 | Booch 2750' | WF | 55609 | 6-23-64 | 20268 | Hubert E. Bate NORTH EAST ALLEN BOOCH SAND UNIT - REVISED Victor Pryor |
| 8 | All | | | 55609 | | | |
| 17 | N/2 NE NW & N/2 NW NE | | | 55609 | | | |
| 20 | S/2 S/2 SW | Booch (Upr & Lwr) | WF | 57836 | 3-4-65 | 21570 | Burk Royalty Co |
| 29 | NE NW NW | | | 57836 | | | |
| 25 | NW & NW NE | Upper & Lower Allen 250' & 500' | WF | 61029 | 12-15-65 | 23454 | R.W. Troup (RWT Corp) |
| 20 | NE NE SW | Upper Booch 2741-2747 | WF | 268211 | 11-5-84 | 15818 | <i>back clips</i> Burk Royalty Co. Bonita Hydrocarbon Co. |

Allen Booch Unit

(W) Well Description

WF-Water Flood

G1-Gas Injection

TP-Thermal Process



HUGHES COUNTY
Twp - 5N Rge - 9E

SECONDARY RECOVERY

WELL RECORD

| Well Description | Formation & Depths | Order No. | Date | Application No. | Appl. Int. |
|----------------------------------|---|-----------|----------|-----------------|--|
| 29 Russ #1 Kuro #1 | Gause Beach 1000 ft Kuro #1 | 300517 | 7-16-86 | 172-29 | Bonnie Highman P. |
| 29 NE Mill #1 | Gause Beach 2860-2878 | 319985 | 12-15-87 | 19198 | Fetch-Dittus Edmond L. Parker 4/92 |
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Twp- 5N

Range- 9E

Hughes

County

Page

SECONDARY RECOVERY

WELL RECORD

| Sec. | Well Description | Formation & Depths | Order No. | Date | Application No. | Applicant |
|------|------------------|--------------------|-----------|---------|-----------------|---------------|
| 29 | Badger #11 | Calvin 300-320 | 356108 | 4-16-91 | 22252 | Stewart Jones |
| 29 | Badger #17 | " 302-322 | 356111 | " | 22256 | " |
| 29 | Badger #16 | " 299-313 | 356110 | " | 22255 | " |
| 29 | Badger #13 | " 270-300 | 356109 | " | 22253 | " |
| 29 | Badger #14 | Calvin 264-284 | 357370 | 5-31-91 | 22254 | Stewart Jones |
| 29 | Badger #30 | Calvin 330-335 | 357371 | " | 22257 | " |
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Twp- 5N Range- 10E
 Hughes County Penna

OKLAHOMA SECONDARY RECOVERY

| Sec. | Area and/or Well Description | Formation & Depth | Type Project | Order No. | Date | Application No. | Applicant |
|------|--|---|--------------|-----------|---------|-----------------|---|
| 21 | SE NE NW (W) SE NW NE (W) SE SW NE (W) | Booch 2650' (Experimental gas injection) | GI | 21405 | 7-13-48 | 1814 | Ashland Oil & Refg Co. |
| 10 | NE SE & S/2 S/2 SE NE NW SW & SW SW | Booch 2700' | GI | 22162 | 3- 4-49 | 2040 | Mid-Continent Petr Corp. |
| 11 | NE SW & SW NW | Booch 2700' | GI | 22362 | 5-10-49 | 2085 | Iron Drlg Co. |
| 10 | NE SE & S/2 S/2 SE NE SW NW & N/2 SW & SW SW | Booch 2853' (Previously operated as GI under Order 22142) | WF | 25793 | 5- 2-52 | 3804 | Mid-Continent Petr. Corp. |
| 15 | SW SW-SW E/2 NW & NE & N/2 SE & SE SE W/2 NW & W/2 SW & SW NE SW NW & W/2 SW & SW NE SW & W/2 SE SW & SE SE SW NW & W/2 NW NE & SE NW NE & SW NE & N/2 NW SE & NW NE SE NE NE | Lwr Booch-2600' (NORTHWEST HAWKINS UNIT - (D) (ASHLAND OIL & REFINING COMPANY OPERATOR) | WF | 28062 | 1-26-54 | 5319 | Petr-Ashland Oil & Refg Co. wells Reported by Jim Coy (1975) |
| 27 | | | | | | | |
| 28 | | | | | | | |
| 14 | 150' East of Center SW (W) | Booch 2650' Oklahoma City, | GI | 28795 | 8-22-54 | | Elliott & Leon Davis |

NOT TO BE REPRODUCED

COPY -

(W) Well Description WF-Water Flood GI-Gas Injection TP-Thermal Process



OKLAHOMA SECONDARY RECOVERY

| Sec. | Area and/or Well Description | Formation & Depth | Type Project | Order No. | Date | Application No. | Applicant |
|------|--|--|--------------|---------------|-----------------|-----------------|---|
| 14 | E/2 & S/2 NW & N/2 SW & SE SE & E/2 SW SW | Lower Booch 2700' | | 35258 | 7-23-57 | 9722 | Davis Bros Oil Production (74) |
| 15 | SE NE & NE SE | (SOUTHEAST SPAULDING LOWER BOOCH SAND UNIT) | | | | | |
| 23 | NE & E/2 NW & E/2 NW NW | | | | | | |
| 12 | W/2 SW | | Booch 2650' | WF | 35771 | 10-22-57 | 10056 |
| 13 | N/2 NW & SW NW & W/2 SE NW & W/2 E/2 SE NW | | | | | | |
| 22 | SE & SE NW | Booch 2700' | WF | 37121 | 5-22-58 | 10825 | R. S. P. Oil Operations |
| 3 | NW & W/2 NE & NE SW & NW SE | Booch 2750' | WF | 40726 | 10-8-59 | 12629 | Apache Oil Corp |
| 2 | S/2 (Except NE NW NE SE & NE NESE) and (Except irregular tracts (2) in SE SW SW & SW SW N/2 N/2 & SW NE & SE NW) | Booch 1924-46' sub-sea (HUGHES BOOCH SAND UNIT) | | 43727 | 10-26-60 | 14162 | Morris Sittim Inc - 1974 Southern States Oil - 1974 L&AM Energy Corp - 1978 Krumme Oil 11-4-81 |
| 11 | SW SW & W/2 SE SW | Booch 2800' | WF | 44888 | 3-23-61 | 14756 | Apache Corp |
| 3 | SW SE & N/2 SE SE NE & E. 40 acres Lot 1 & E. 40 acres Lot 4 | Calvin 850' (JOHNSON CALVIN SAND UNIT) | | 46709 | 9-29-61 | 15593 | Doner & Johnson |
| 20 | E/2 NW & NE & E/2 SW | Booch 2607' (WEST SPAULDING BOOCH SAND UNIT) | | 50639 | 12-21-62 | 17609 | Ashland Oil & Refg Co see wells on p. 6-71 by Ashland |
| 16 | <i>Booch 2700'</i> | <i>Booch 2700'</i> | | <i>338515</i> | <i>5-4-89</i> | <i>20704</i> | <i>Booch 2700'</i> |
| | <i>Booch 2700'</i> | <i>Booch 2700'</i> | | <i>340176</i> | <i>11-15-89</i> | <i>20873</i> | <i>Booch 2700'</i> |

(W) Well Description WF-Water Flood GI-Gas Injection TP-Thermal Process



HUGHES
Twp - 6N Rge - 8E
COUNTY 2-90

SALT WATER D Amf. Sheet SAL WELL RECORD

| Sec. | Description | Formation & Depths | Order No. | Date | Application No. | Applicant |
|------|-----------------------|---|-----------|----------|-----------------|-----------------|
| 22 | Explor #1 10000510 | Brackish 2572-2590 Sand, sand, 2590' | 318856 | 10-23-91 | 23217 | Ames Explor Co. |
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OKLAHOMA SECONDARY RECOVERY

| Sec. | Area and/or Well Description | Formation & Depth | Type Project | Order No. | Date | Application No. | Applicant |
|------|---|---|--------------|-----------|---------|-----------------|---|
| 15 | N/2 SW SE & NW NE SE & NW SE & E/2 NE SW & NW NE SW & E/2 NW & SE NW NW & W/2 NW NE & SW NE & W/2 SE NE | Booch 2750-3050' (BOOCH SAND UNIT - THE ATLANTIC REFINING CO) | WF | 37531 | 7-29-58 | 11061 | The Atlantic Refining Co. <i>Robert D. Bell</i> Atlantic Refining Corp. |

(W) Well Description

WF-Water Flood

GI-Gas Injection

TP-Thermal Process



HUGHES COUNTY
Twp- 6N Rge- 9E

| Well Description | Formation & Depths | Order No. | Date | Application No. | Appl. # |
|---------------------------------|---|-----------|---------|-----------------|----------------------------------|
| 31 Mathis-Elliston #1 S S SW | Gilcrease - Cromwell Top 3525 4392 Bottom 3565 4404 | 294954 | 3-20-86 | 17308 | Texaco Inc. for Texaco Oil & Gas |
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Twp- 6N Range- 10E
 Hughes County Page

OKLAHOMA SECONDARY RECOVERY

| Sec. | Area and/or Well Description | Formation & Depth | Type Project | Order No. | Date | Application No. | Applicant |
|------|--|---|--------------|-----------|----------|-----------------|--|
| 20 | West 28.48 acres Lot 8 & Southwest 2.50 acres of East 10 acres of Southwest 14.13 acres of Lot 1 & West 8.32 acres of West 28.32 acres of Lot 4 & West 8.40 acres of West 28.40 acres of Lot 5 & East 40 acres of Lot 5 & SE NW & Northwest 14.11 acres of Lot 1 & East 5 acres of East 10 acres of Southwest 14.13 acres of Lot 1 & Northwest 2.50 acres of East 10 acres of Southwest 14.13 acres of Lot 1 & West 4.13 acres of Southwest 14.13 acres of Lot 1 & West 8.51 acres of Lot 1 & East 40 acres of Lot 1 | Booch 2900' (BORN UNIT - V) | WF | 21936 | 12-30-48 | 1969 | Winona Oil Co. NATL Assoc. Petrol. Western Refiners (74) |
| 29 | (See 7N-8E, Seminole Co) P L I M E N T A R Y C O P Y - 12-17-1968 | Booch 2950' | GI | 22703 | 3-4-49 | 2041 | Mid-Continent Petr. Corp. |
| 14 | NW SW | NOT TO BE REPRODUCED | | | | | |
| 15 | N/2 SE | Oil in 1750' 2000' Manda Jackson #15 Term 6-18-91 | | | | | |
| 20 | E/2 SE SW & E/2 NE NW | Block 2000' Records (BORN UNIT - V) | | | | | |
| 29 | SE NW (See 7N-8E, Seminole Co) | Order 21986y, | | | | | |

W. Prod. Co. 5/24/85
at Corp.

(W) Well Description WF-Water Flood GI-Gas Injection TP-Thermal Process



Twp. / N. Rge-8E COUNTY

OKLAHOMA SECONDARY RECOVERY

| Sec. | Area and/or Well Description | Formation & Depth | Type Project | Order No. | Date | Application No. | Applicant |
|------|---|---|--|-----------|----------|-----------------|--|
| 10 | E/2 SW & SW SE | Booch 2940-50' | GI | 31106 | 11-23-55 | 7464 | Buffalo Oil Co |
| 10 | NW SW SE (W) | Booch 2910-66' | GI (Permits Injection Well for Area of Ord B1106) | 31795 | 2-24-56 | 7891 | Buffalo Oil Co |
| 29 | E. 40 A & W 8.49 A of Lot 4 (See 7N-8E Seminole Co) | Booch 2800-2900' | (YETCHA BOOCH SAND UNIT) | 40123 | 7-15-59 | 12309 | Winona Oil Co of Delaware |
| 17 | Lots 4,5,8, W/2 SE & SW NE & E/2 SE | Booch 2900' (Permits Capacity Production Order No. 40997) | WF | 40997 | 11-10-59 | 12386 | Earl Davis |
| 20 | NW NE | | | 43340 | 9-14-60 | 14013 | Winona Oil Co |
| 10 | E/2 SW & SW SE | Booch 2900' | WF | 41457 | 2-8-60 | 13008 | Continental Oil Co |
| 1 | S/2 SW NE & W/2 NW & SE NW & NE SW & S/2 SE (Home-Stroke) | Booch 2900' | WF | 42404 | 5-10-60 | 13515 | Home-Stroke Prod Co & Thomas Drig Co |
| 20 | E/2 NE <i>(See 7N-9E Hughes Co)</i> | Booch 2900' <i>(Permits Capacity Production Order No. 40997)</i> | WF | 44311 | 1-12-61 | 14494 | Stobaugh Drig Co |
| 1 | NE SE (See 7N-9E Hughes Co) | Booch 2850' | (NORTH HOLDENVILLE BOOCH SAND UNIT) | 45318 | 5-2-61 | 14936 | EL&M Drig Co |
| 21 | W/2 | Gilcrease 3100' | | 49478 | 7-20-62 | 16985 | F. M. Rozelle |
| 20 | SW NE & W/2 SE & SE SE <i>(See 7N-9E Hughes Co)</i> | Booch 2900' | WF | 51171 | 3-5-63 | 17892 | <i>Winnac Production Company (Ex)</i> Gardner, Huff & Clark |
| 16 | SE SW SW & S/2 SE SW | Gilcrease 3100' | (1st Enlargement EAST FISH GILCREASE SAND UNIT) <i>No in...</i> | 52189 | 6-25-63 | 18258 | F. M. Rozelle <i>J. L. Sparlin - 1974</i> |

(67) Well Description WF-Water Flood GI-Gas Injection TP-Thermal Process



HUGHES COUNTY
Twp - 7N Rge - 8E
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OKLAHOMA SECONDARY RECOVERY

| Sec. | Area and/or Well Description | Formation & Depth | Type Project | Order No. | Date | Applica-tion No. | Applicant |
|------|--------------------------------|---|--|-----------|---------|------------------|--------------------------|
| 29 | NW NE | Booch | WF (Enlarges Area of Orders 21936, 29102) | 68722 | 4-11-68 | 28485 | W. E. Stiles Engr Inc |
| 11 | Mutch-Harber No. 3 SE SW NW | Basal Pennsylvanian (3364'-3414') and Wilcox Sand (4408'- 4409') | WF | 197477 | 8-28-81 | PD 10685 | Pawnee Petroleum Company |
| 3 | one se sw Jacobs # 3 | Misener 4044-4060 | | 401643 | 5-7-96 | 960000193 | Oden H. Rives |

(68)

(W) Well Description

WF-Water Flood

GI-Gas Injection

TP-Thermal Process



HUGHES

Twp- 7N

Rge- 8E

COUNTY

OKLAHOMA SECONDARY RECOVERY

| Sec. | Area and/or Well Description | Formation & Depth | Type Project | Order No. | Date | Applica- tion No. | Applicant |
|------|--|---|--------------|-----------|---------|-------------------|-----------------------------|
| 11 | NW NW SE & S/2 N/2 SE & S/2 SE & S/2 NE SW & S/2 SW W/2 SE & N/2 & SW SE SE & N/2 NE & S/2 N/2 SW & S/2 SW | Booch 3000' (GRIEF CREEK BOOCH SAND UNIT - V) | WF | 24345 | 1-9-51 | 2982 | Stanolind Oil & Gas Co. |
| 12 | | | | | | | |
| 13 | N/2 NW NE & N/2 NW NW NE & N/2 NW & N/2 SW NW & NW SE NW | | | | | | |
| 14 | | | | | | | |
| 15 | SW NE NW & NW NW NW (W) | Booch 2918'-2935 | GI | 32331 | 4-25-56 | 8087 | Leta M. Chapman |
| 9 | SE | Booch 3000' | GI | 32954 | 7-26-56 | 8452 | Leta M. Chapman |
| 10 | SW | | | | | | |
| 15 | NW | | | | | | |
| 16 | N/2 | | | | | | |
| 16 | NE NW NW (W) | Booch 2950' | GI | 34550 | 4-12-57 | 9320 | Leta M. Chapman |
| 4 | SW SW & S/2 NW SW & SW NE SW & W/2 SE SW & SE SE SW | Booch 2880' | WF | 34720 | 5-2-57 | 9395 | Sunroy Mid-Continent Oil Co |
| 5 | SE SE & E/2 SW SE & S/2 NE SE | | | | | | |
| 9 | N/2 N/2 NW & SW NW NW | | | | | | |
| 17 | NW SE NW (W) | | | | | | |
| 7 | N/2 SW SE | | | | | | |

18 ~~NW NW NE~~

Feingold #1 well plugged 11-21-59

31895

Case Lockias

NOT TO BE REPRODUCED

Oil - Booch 3050' Records
Booch 1030' Records
Booch 1030' Records

(W) Well Description WF-Water Flood GI-Gas Injection TP-Thermal Process



OKLAHOMA SECONDARY RECOVERY

| Sec. | Area and/or Well Description | Formation & Depth | Type Project | Order No. | Date | Application No. | Applicant |
|------|--|--|--------------|------------------|--------------------|------------------|---|
| 15 | SE NW SW (W) SE NE SE (W) | Booch 2986-3100' <i>CONVERTED TO PRODUCERS</i> | GI | 36188 | 1-7-58 | 10311 | Leta M. Chapman <i>TSA</i> |
| 8 | S/2 SW SE & SW SE SE NE (Except SW SW NE & SW SE NE) | Booch 3050' (NORTHEAST HOLDENVILLE BOOCH SAND UNIT) | | 39176 | 3-26-59 | 11823 | Hodge-Walker #5 Ltd, et al |
| 7 | SE SE & SE NE SE SW SW & S/2 NW SW & W/2 SE SW & SE SE SW N/2 NW & N/2 SE NW (Less W. 29' thereof) | Booch 3000' (NORTHEAST HOLDENVILLE BOOCH SAND UNIT NO. 2) | | 41739 | 1-28-60 | 12974 | Nemours Corp, et al |
| 6 | S/2 NW & S/2 (See 7N-8E Hughes Co) | Booch 2850' (NORTH HOLDENVILLE BOOCH SAND UNIT) | | 45318 | 5-2-61 | 14936 | EL&M Drilg Co |
| 8 | E/2 SW NE & SE NE (Less RR Right of Way) & E/2 W/2 SE & NE SE & N/2 SE SE & SE SE SE | Middle Calvin 864-940' (NORTHEAST HOLDENVILLE CALVIN SAND UNIT) | | 47537 | 12-20-61 | 15963 | Ward M. Edinger, Inc. |
| 10 | S/2 SE SE & SE SW SE | Booch Hartshorne <i>SEE BACK of page.</i> | | 49810 | 9-13-62 | 17121 | Leta M. Chapman (74) |
| 15 | N/2 & SE & N/2 SW <i>10-3-58</i> | 2890-3190' | | 49854 | 9-18-62 | 17149 | Leta M. Chapman <i>ROYAL & JUDITH SANDLEY INC</i> |
| 16 | N/2 & E/2 SE & NW SE & N/2 SW | SW (CHAPMAN RANCH BOOCH SAND UNIT) (Also Combines Sands) | | | | | |
| 5 | NE SE & E/2 NE <i>10-3-58</i> N/2 NW & N/2 SW | Calvin 900' | WF | 65867 | 5-12-67 | 26813 | Leta M. Chapman <i>ROYAL & JUDITH SANDLEY INC</i> |
| 4 | S/2 NW <i>10-3-58</i> | " | " | " | " | " | Bill Parks |
| 4 | SE SE & E/2 SW <i>10-3-58</i> | Calvin 850' | WF | 76187 | 9-2-69 | 30869 | Bill Parks |

(69) W) Well Description WF-Water Flood GI-Gas Injection TP-Thermal Process



HUGHES COUNTY
Twp- 7N Rge- 9E

SECONDARY RECOVERY

WELL RECORD

| Sec. | Well Description | Formation & Depths | Order No. | Date | Application No. | Applicant |
|------|---------------------------|--------------------|-----------|---------|-----------------|--------------------|
| | 16 (Assoc #1) (ASSENT) | Calum 793-825 | 38673D | 10-4-94 | 94000865X | (Bass) Syd. P. ... |
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Twp- 7N
 Range- 9E
 County
 Paris

OKLAHOMA SECONDARY RECOVERY

| Sec. | Area and/or Well Description | Formation & Depth | Type Project | Order No. | Date | Application No. | Applicant |
|------|------------------------------|---|--------------|-----------|----------|-----------------|---|
| 3 | NW NE & N/2 NW | Hartshorne 2500' (Extends area of Order 38238) | WF | 40753 | 10-13-59 | 12641 | <i>Bill Meens Wiser Inc. B.E. Dunno, Jr.</i> |
| 29 | NE SE SW Johnson #2 | Cromwell Sand 3830' - 3960' | WF | 217271 | 5-28-82 | 11804 | <i>Rennell Corporation Terry Scott - Drilling Co. Inc. Harry A. Springs 10-91</i> |

(W) Well Description

WF-Water Flood

GI-Gas Injection

TP-Thermal Process



Twp - 7N

Rge - 10E

HUGHES COUNTY

OKLAHOMA SECONDARY RECOVERY

| Sec. | Area and/or Well Description | Formation & Depth | Type Project | Order No. | Date | Applica- tion No. | Applicant |
|---------------|---|---------------------------------|---------------|------------------|----------------------|------------------------|--|
| 13 | NE NW SW (W) | Cromwell 3236'-3284' | GI | 30313 | 5-31-55 | 6855 | J. A. Chapman |
| 14 | SE SW NE (W) | Cromwell 3236'-3306' | WF | 30344 | 6-13-55 | 6856 | J. A. Chapman Plugged 6-5-64 |
| 26 | N/2 NW & SE NW & North 15 acres of SW NW | Cromwell 3300' | WF | 40577 | 9-24-59 | 12621 | Clark C. Nye, Owen H. Rives & J. Marshall Nye |
| 13 | NW SW NE KWB-Chapman #1 | FSL 990'; FWL 380 | | 333941 | 2/90 | | Eerald Lyda Sr. X-Ranch |
| 36 | NE SW NW MOBS WELL #4 SE NW NW MOBS #7 | BOCC H 2810' BOCC H 2794' | IND. IND. | 388287 388288 | 11/30/94 11/28/94 | 940000971 940000972 | Bob L. Loftis Bob L. Loftis |

(W) Well Description

WF-Water Flood

GI-Gas Injection

TP-Thermal Process



Twp-8N

Rge-8E

HUGHES COUNTY

SECONDARY RECOVERY

WELL RECORD

| Sec. | Well Description | Formation & Depths | Order No. | Date | Application No. | Applicant |
|------|---|--------------------|-----------|---------|-----------------|------------------------|
| 17 | SE, 1/2 NE; SE NE of Neese | West (Saggs) Sand | 338946 | 5-23-89 | 149236 | Amusement Trading Prod |
| 20 | NE SE, NW NW; SW NW; NE SW 1/4; 1/2 NE SW 1/4 | } | } | } | } | } |
| 21 | NW NW; NE NW; SW NW; SE NW | | | | | |
| 28 | NW NW; NE NW; SW NW; SE NW | | | | | |
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Twp- 89 Range- 92
 Humboldt County Page

OKLAHOMA SECONDARY RECOVERY

| Sec. | Area and/or Well Description | Formation & Depth | Type Project | Order No. | Date | Applica- tion No. | Applicant |
|------|------------------------------|-----------------------|--------------|-----------|---------|----------------------|--------------|
| 27 | NW | Hartshorne 2860-2925' | WF | 44405 | 1-25-61 | 14534 | Garidge Corp |

(W) Well Description

WF-Water Flood

GI-Gas Injection

TP-Thermal Process



HUGHES

COUNTY

Twp- 8N

Rge- 9E

OKLAHOMA SECONDARY RECOVERY

| Sec. | Area and/or Well Description | Formation & Depth | Type Project | Order No. | Date | Application No. | Applicant |
|------|------------------------------|-------------------|--------------|--------------------------------|----------|-----------------|--|
| 34 | SE | Hartshorne 2550' | WF | 38238 <i>see also 40753</i> | 11-12-58 | 11376 | D. E. Durne, Jr. Bill Williams <i>Bill Williams oil, Inc.</i> |
| 35 | SW | | | | | | |

(W) Well Description WF-Water Flood GI-Gas Injection TP-Thermal Process



HUGHES COUNTY
Twp- 8N Rge- 10E

OKLAHOMA SECONDARY RECOVERY

| Sec. | Area and/or Well Description | Formation & Depth | Type Project | Order No. | Date | Applica- tion No. | Applicant |
|------|--|---------------------------|--------------|-----------|----------|----------------------|--|
| 36 | E/2 (See 9N-9E, Hughes Co) | Misner -Hunton | WF | 17602 | 2-20-45 | 948 | Amerede-Pet-Corp. <i>Plus 500 KATHAULT</i> <i>ABBEY W/TS</i> |
| 1 | ALL | Senora 1700' | WF | 21739 | 10-29-48 | 1914 | Mandhan Oil Co, et al |
| 2 | NE SE & E/2 SE SE | | | | | | |
| 11 | NE & NE SE | | | | | | |
| 12 | N/2 & N/2 SE & SW (See 9N-9E, Hughes Co, 10N-8E & 10N-9E, Okfuskee Co) | | | | | | |
| 2 | W/2 SE SE | Senora 1700' | WF | 25518 | 2-8-52 | 3641 | C. L. Jenkins |
| 11 | SE SE (See 10N-9E, Okfuskee Co) | Senora 1700' | WF | 26250 | 9-23-52 | 4082 | Reno Oil Co. ✓ |
| 13 | N/2 NW | Senora 1700' | WF | 28186 | 2-25-54 | 3987 | Alexander Yiliphant, Jr. |

NOT TO BE REPRODUCED

Oil-Law Records Corporation
Oklahoma City, Oklahoma

(W) Well Description

WF-Water Flood

GI-Gas Injection

TP-Thermal Process



HUGHES COUNTY

Twp-9N

Rge-8E

OKLAHOMA SECONDARY RECOVERY

| Sec. | Area and/or Well Description | Formation & Depth | Type Project | Order No. | Date | Application No. | Applicant |
|------|---|--|--------------|------------------|------------------|-----------------|----------------------|
| 31 | ALL (See 9N-8E Hughes Co) | Misener-Humton | WF | 17602 | 2-20-45 | 948 | |
| 6 | SW NW (See 9N-8E, Hughes Co & 10N-8E, 10N-9E Okfuskee) | Senora 1700' | WF | 21739 | 10-29-48 | 1914 | |
| 6 | N/2 NW & SW (See 10N-8E, 10N-9E Okfuskee Co) | Senora 1700' | WF | 25506 | 2-1-52 | 3637 | |
| 2 | NE | Cromwell 3335' | WF | 31417 | 1-6-56 | 7711 | Phillips Petr Co |
| 21 | E/2 E/2 NW & NE | Calvin 1100' | WF | 36456 | 2-14-58 | 10467 | Arthur B. Ramsey |
| 21 | W/2 NE & E/2 E/2 NW | Calvin 1070-1130' | WF | 50231 | 10-31-62 | 17423 | H.B. Alsbaugh, et al |
| 3 | W/2 & NW NE & SW SE & S/2 NW SE (Except N 140' NE (See 10N-9E Okfuskee County)) | Pennsylvanian 2600-3400' Devonian 1100' | WF | 59753 | 7-30-65 11-73 | 22643 | Salmon Corporation |
| 4 | | | | | | | (WEST PAPOOSE UNIT) |
| 3 | Cromwell Unit #3-3 | Cromwell 3292-3366 | | 250399 | 12-20-83 | 14179 | Santa Fe Minerals |
| 3 | Papoose Cromwell #3-7 | Cromwell 3290-3370 | | 261985 | 7-6-84 | 15284 | Santa Fe Minerals |
| 3 | Papoose Cromwell #3-10 | Cromwell 3290-3370 | | 261986 | " | 15285 | " |
| 4 | Papoose Cromwell #4-2 | Cromwell 3290-3370 | | 261987 | " | 15286 | " |
| 3 | Papoose Cromwell #3-11 | Cromwell 3290-3370 | | 261988 | " | 15287 | " |
| 4 | Papoose Cromwell #4-1 | Cromwell 3290-3370 | | 261989 | " | 15288 | " |
| 4 | Papoose Cromwell #4-6 | Cromwell 3290-3370 | | 261990 | " | 15289 | " |
| 4 | Papoose Cromwell #4-3 | Cromwell 3290-3370 | | 261991 | " | 15290 | " |
| 3 | Papoose Cromwell #3-8 | Cromwell 3290-3370 | | 261992 | " | 15291 | " |
| 3 | Papoose Cromwell #3-9 | Cromwell 3290-3370 | | 261993 | " | 15292 | " |
| 6 | Thlocco #2 Cnw SW | Gilcrease 3090-3096 | | 417141 | 10-22-97 | 970004103 | Sentinel Petrol Inc. |
| 6 | Yahola #1 SW SE SW | " 3052-3064 | | 417142 | " | 404 | " |

24-88

(NW) Well Description WF-Water Flood GI-Gas Injection TP-Thermal Process

HUGHES COUNTY

Twp- 9N Rge- 9E



OKLAHOMA SECONDARY RECOVERY

| Sec. | Area and/or Well Description | Formation & Depth | Type Project | Order No. | Date | Applica- tion No. | Applicant |
|------|---|--|--------------|-----------|----------|----------------------|-------------------------------------|
| 5 | N/2 SE & W/2 SW SE <i>AKITA E. GREGORY B. V. (KAROL LINDSEY) TSP# 12-10-53 PRODUCE</i> | Cromwell 3285-3305' | WF | 33236 | 9-20-56 | 8533 | Phillips Petr Co - 74 |
| 4 | NW NE & N/2 SW NE & S/2 NW | Calvin 700' | WF | 34129 | 2-8-57 | 9068 | Buffalo Oil Co |
| 5 | (See 10N-10E, Okfuskee Co.) | | | | | | |
| 4 | N/2 NW (See 10N-10E, Okfuskee Co.) | Wewoka 300'; Calvin 700'; Senora 1100' | WF | 34626 | 4-26-57 | 8625 | Ben J. Taylor & Ledges Holding Corp |
| 5 | N/2 SE & W/2 SW SE | Calvin 834' | WF | 39900 | 6-23-59 | 12242 | Phillips Petr Co |
| 21 | C S½ NW SE | 3307 Jefferson | | 230442 | 12-27-82 | 12611 | Genests |
| 12 | SUSSE NE, Williams ^{SE 1} SE 1 | Quinnell 3021-3130 | | | | | |

(W) Well Description

WF-Water Flood

GI-Gas Injection

TP-Thermal Process



Twp- 9N

Rge- 10E

HUGHES COUNTY

SECONDARY RECOVERY

WELL RECORD

| Sec. | Well Description | Formation & Depths | Order No. | Date | Application No. | Applicant |
|------|-------------------------------|---------------------------|-----------|---------|-----------------|-----------------------|
| 12 | William Decker S1/2 Sec 10 | Permian 3027-3130 | 315359 | 5-11-92 | 23908 | John Decker |
| 10 | Chowins #1-10 CNE, NE | Dickens Permian 2732-3116 | 394847 | 8-22-95 | 95000398 | Century Operating Co. |
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Twp- 9N
Range- 10E
Hughes
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OKLAHOMA SECC ARY RECOVERY

| Sec. | Area and/or Well Description | Formation & Depth | Type Project | Order No. | Date | Applica-tion No. | Applicant |
|--------|------------------------------|-------------------------------|--------------|-----------|---------|------------------|-----------------------|
| 31 | E/2 NW | Cromwell 3112'-3141' | WF | 32040 | 3-27-56 | 8048 | Texola Drlg Co., Inc. |
| 5 | S/2 NE | Union Valley Sandy Lime 2950' | WF | 46745 | 10-3-61 | 15663 | M. Mazzarino |
| 4 5 | W/2 W/2 SW E/2 SW & SE | Union Valley Sandy Lime 2950' | WF | 66844 | 7-28-67 | 27289 | M. Mazzarino |

(17)

(W) Well Description

WF-Water Flood

GI-Gas Injection

TP-Thermal Process



HUGHES COUNTY

Twp-9N

Rge-11E

OKLAHOMA

INDIARY RECOVERY

| Sec. | Area and/or Well Description | Formation and Depth | Type of Project | Order No. | Date | Application No. | Applicant |
|------|------------------------------|---------------------|-----------------|-----------|---------|-----------------|----------------------------|
| 33 | Cromwell Unit | | | 242330 | 7-25-83 | 104962 | A Santa Fe-Andover Oil Co. |

Twp-

Harold

County

Rge-

9E