

Oil Recovery Group Hears Talk On Injection Wells

By H. C. MICHALAK

Subsurface disposal of salt water produced at oil wells was the topic for a paper by W. S. Morris, vice president and general manager of the East Texas Salt Water Disposal Company, Kilgore.

By pumping salt water back into the ground to maintain bottom well pressure, geologists estimate that 600 million barrels of oil have been added to the oil reserves of the East Texas Field, Morris stated.

With a slide showing a cross section of the Woodbine Oil Sand of East Texas, Morris explained how his company disposed of or injected into the subsol sands, 521,000 barrels of salt water daily. To do the job, 44 injection wells have been drilled in various producing sections of the field. A total of 80 wells are in the whole field, but the other 36 are owned by independent operators who handle only 25% of the total volume of water returned to subsol sands.

An example of what the Salt Water Company did during the month of December, 1948, can be gained from the figures showing that approximately 553,000 barrels of water and 296,000 barrels of oil were produced daily from all wells in the field.

The disposal of so much water represents a tremendous job, Morris stated.

Feasibility of returning salt

water to the subsurface was demonstrated in 1936, when an experimental well was drilled. However, it was not until 1942 that anything was done about handling water on a large scale.

At that time the salt water was polluting streams, killing fish and game and livestock. Attorney General, the State Health Department and the Fish and Game Commission were called upon to see what could be done.

The Salt Water Company was organized to handle this large volume of water. Two purposes were primary, (1) to clear up stream pollution and (2) to maintain bottom well pressure.

The results have been gratifying, Morris said. Average bottom

well pressure today is 1,008 pounds. When the field opened in 1930, it was 1820. Without injecting the salt water, engineers estimated that bottom well pressure would have been 770 today.

With 22,000 wells in the whole field, only 8,000 are on pump. That means that pressure is low so that lift must be applied to bring oil to the surface.

Chairman for the evening's program was Gordon H. Fisher, Gulf Oil Corporation, Fort Worth.

Two other speakers on the program, were William L. Horner, Bransdall Oil Company, Tulsa and Dr. A. W. Gauger, Director of Mineral Industries Experiment Station, Pennsylvania State College.

What's Cooking

- ABILENE CLUB, 7:15 p. m., Thursday, YMCA Ex-Students' Lounge.
- AGGIE SQUARES, 6:45 p. m., Thursday, St. Thomas Episcopal Parish House. Supper meeting.
- AMARILLO CLUB, 7:30 p. m., Thursday, Room 123, Academic Building. Easter dance will be discussed.
- A&M GARDEN CLUB, 3 p. m., Friday, YMCA Chapel.
- BELL COUNTY CLUB, 7:30 p. m., Thursday, Room 106, Academic Building.
- BRAZORIA COUNTY CLUB, 7:30 p. m., Thursday, Room 326, Academic Building.
- COMMENTATOR STAFF, 7:30 p. m., Thursday, Commentator Office to plan next issue.
- COOKE COUNTY CLUB, 7:15 p. m., Thursday, third floor, Academic Building.
- DEL RIO CLUB, 7 p. m., Thursday, YMCA Reading Room. Final plans for Easter Party.
- FANNIN COUNTY CLUB, 7:15 p. m., Thursday, Room 327, Academic Building.
- FLAX COUNTY CLUB, 7:30 p. m., Thursday, Room 108, Academic Building. Plans for Easter holidays.
- GALVESTON A&M CLUB, 7:30 p. m., Thursday, Room 129, Academic Building.
- HEART OF TEXAS CLUB, 7:30 p. m., Thursday, C. E. Lecture Room.
- HOUSTON A&M CLUB, 7:15 p. m., YMCA, Easter Party tickets to be distributed.
- KAUFMAN COUNTY CLUB, 7:30 p. m., Thursday, Room 303, Academic Building. Cotton Ball Duchess election.
- LAMAR COUNTY CLUB, 7:15 p. m., Room 205, Academic Building.
- LAREDO CLUB, 7:30 p. m., Thursday, regular meeting place.
- NAVARRO COUNTY CLUB, 7:30 p. m., Thursday, Room 228, Academic Building.
- NORTH TEXAS CLUB, 7:30 p. m., Thursday, Room 301 Goodwin.
- PHYSICS SEMINAR, 4:15 p. m., Thursday, Room 36, Physics Building. R. D. Rivers will speak on "Cloud Chamber Stereoscopic photography."
- PORT ARTHUR CLUB, 7:30 p. m., Thursday, Academic Building. Easter party plans will be discussed.
- SAN ANGELO CLUB, 7:30 p. m., Thursday, Room 203, Agriculture Building.
- SAN ANTONIO CLUB, 7:30 p. m., Thursday, Room 203, Academic Building. Easter plans to be discussed.
- WACO - McLENNAN COUNTY CLUB, 7:30 p. m., Thursday, Room 301, Goodwin Hall.
- WEATHERFORD CLUB, 7:15 p. m., Thursday, Room 104, Academic Building.
- WICHITA FALLS CLUB, 7:30 p. m., Thursday, Room 301, Goodwin.

Book Request Form

Name _____

Address _____

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Publisher and date published (if known) _____

Do you wish to be notified of arrival _____

MOTHER

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formation concerning the talks which they will make. Dean Penberthy said that the addresses would be outlined to the men in two phases, the first being an invitation to attend the A&M Open House and Mother's Day programs and the second would be concerned with pertinent facts concerning A&M.

Harry Boyer, chief of housing, informed the committee that housing would be available for the students wishing to attend the Open House activities. Visiting students,

however, will be required to bring their own linens. The procedure necessary to secure reservations will be explained to the representatives to the high schools, Boyer concluded.

Volunteers Accepted
Grady Elms, assistant director of Student Activities, stated yesterday that students could still volunteer to address senior groups in their respective home towns. However, no more letters of request would be sent out because of the impossibility of receiving a reply before the Easter holidays.

Elms pointed out that the talks would not be of the high pressure type but instead they would be on factual material concerning A&M. The student representatives from A&M will be given a copy of all the student publications to take with them to the schools.

Students who are still interested in making an address but have not signed up yet should contact Elms immediately, he said.

Matthews Speaks On Meat Industry

"No big business in the United States operates on as narrow a margin as the meat packers," Howard Matthews of Swift and Company told members of the Animal Husbandry seminar Tuesday night.

Livestock and meat prices are determined by supply and demand in a highly competitive manner, Matthews said.

Matthews described their buying operations in the direct marketing field, and how competition at the big central markets made it necessary for them to go out into the country. The big packers sometimes operate at a loss in order to keep their workers busy, he said.

His opinion of local livestock auctions is that some fill a definite need, but many operate on too small a scale for economical marketing service and charges are higher than at central markets.

Battalion CLASSIFIED ADS

Page 6 THURSDAY, APRIL 7, 1949

BUSINESS SERVICES

REGISTER NOW for new class in shorthand starting February 2. Call McKenzie-Baldwin Business College, 2-6665.

FOR SALE

FOR SALE—1941 Chevrolet convertible. New engine, good top, tires, and body. One owner car. Bargain at \$795.00. Can be seen Friday after 3:00 p. m., Hughes, Room 5, Room 418. Floyd Harold Blackburn free shows at Campus.

FOR SALE—1940 Plymouth 4-door sedan, \$675.00. See at Sample Service Station, 306 W. 25th.

FOR SALE—One 1948 Tuxedo Stylemaster Chevrolet sedan. Heated bids will be received until 10 a. m., Wednesday, April 20, 1949. The right is reserved to reject any and all bids and to waive any and all technicalities. Address Comptroller, A&M College of Texas, College Station, Texas, for further information. Charles Hugh Noland free pass to Campus.

SUL ROSS LODGE NO. 1306 A.F.A.M. Called meeting Thursday, April 7 at 6:30 p. m. Work in M.M. degree. J. J. Woolket, W.M. W. H. Badgett, Sec.

FLASH! Read This Startling News!

Time's awasting! That one-bedroom home on Fairview Street, walking distance from College—\$3,000.

Another two-bedroom home on Maryem Street—venetian blinds and garage, panel ray heating, landscaped, flowers, shrubs and garden. Good house. Won't last long at \$6,500!

AMAZING BUT TRUE—2,200 square feet of floor space, Austin stone, 3 large bedrooms, 2 full baths, tiled kitchen, and double attached garage. Here's the AMAZING part: Central heating system and attic ventilation. You try to build this for \$19,500—Tell us how! To be snatched up for \$16,850.

In picturesque College Hills Woodlands—3 bedrooms, 1½ baths, fireplace, screened porch, and central heating system. So much un-said on this—hear the rest and see this home by calling 4-1245.

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AGGIE REALTY & Insurance Co.

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Southside; College Station
Ira C. Ware
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These homes sound delicious, but none fit your needs? Call us, we have what you want—just not advertised this time.

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MCCARTY JEWELERS

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Call 4-1245 to BUY or SELL that HOME or BUSINESS. Also complete LOAN and INSURANCE service. Your friendly AGGIE REALTY & INSURANCE CO. Casey-Burgess Bldg. College Station

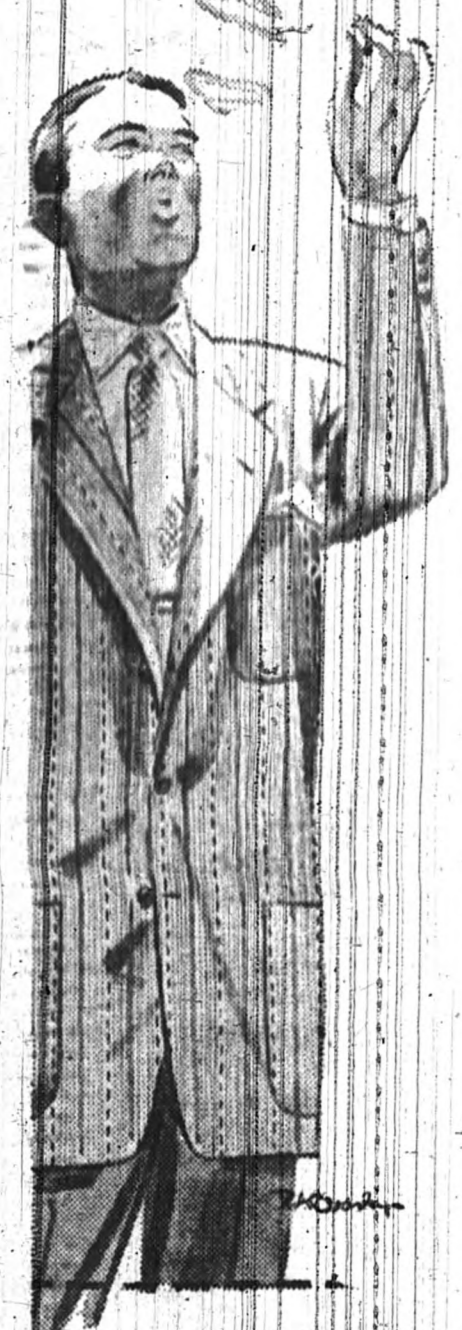
USED CAR HEADQUARTERS Your Friendly Ford Dealer BRYAN MOTOR CO. N. Main St.

Weldon L. Maples, 48 American General Life Insurance

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BROWNSVILLE . . . 8.10	
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NORTH GATE Phones 4-1164 — 4-1165 — Store Hours— 7:30 a.m. — 6:30 p.m.

Specials for Friday & Saturday — April 8th and 9th

Mrs. Tucker's Shortening . . . 3 lb. carton 59c
Made From Vegetable Oil

Na-Omi Cream Style—No. 2 Cans Large 2 Lb. Jar
Sweet Corn . . . 2 cans 29c Plum Preserves . . . 39c

Jack Sprat—303 Cans
Hominy . . . 3 cans 22c
Self Polishing Floor Wax 2 QT. CANS
Johnson's Glo-Coat . . \$1.29

No Rinsing — No Wiping
Spice & Span . . . 75c
Large Household Pkg.

MIRACLE WHIP QT. JAR
Salad Dressing . . 55c

Chase & Sanborn's
COFFEE, 1 lb. can 49c

PRODUCE

Sno White Cauliflower . . . lb. 15c

Tender Yellow Squash . . . 2 lbs. 25c

U.S. No. 1 Russet Potatoes . 10 lb. bag 57c

New Mexico Tomatoes . . Carton 22c

Florida Juicy Oranges . . . Dozen 29c

MEATS

Calves Livers . . lb. 59c

Seasoned Right Rolled Roast . . lb. 55c

DECKER'S TALL CORN Bacon . . lb. 46c

FROZEN FOODS

Glaziers Apple Pies . . Each 53c

Honor Brand—12 oz. Pkg. Succotash . . . 29c

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