

Well History

Atlantic #1 Bank of St. Mary

Ser# 58269 Sec 37 T13S R9E

8000 SAND

Summation:

- 1) Compl 10/22/55 Pf 7977-84' IPF 199 BOPD, GOR 820:1, Tr BS&W, TP 1400#
- 2) Potential Test 11/3/55 Pf 7977-84', 211 BOPD +88 MCFGPD, GOR 418:1, 1/10% BS&W, TP 1275#, 37.2 gty
- 3) Work Permit 3/9/56 "Squeeze perforations 7977-7984' and perforate 7977-7981' to shut off water and restore production"
- 4) Work as per #3 performed 3/14/56 - 3/15/56
- 5) Work unsuccessful – 3/18/56 Squeezed new pf 7977-7981' and recomplete 7744-7750'

Conclusion, 8000 Oil Sand abandoned after 5 months of production due to excessive water production. Available data does not suggest depletion drive. Water may have channeled. Updip PUD reserves are indicated.

DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

LAFAYETTE, LOUISIANA DISTRICT

WELL COMPLETION OR RECOMPLETION REPORT

OIL WELL () Three Copies to be filed with District Office within three (3) days of date of completion or recompletion (as per Order No. 29-A, Section X, Paragraph A, Article 1) COMPLETION () RECOMPLETION ()
DIS. WELL ()
GAS WELL () PERMIT SERIAL NO. (58269)
PARISH St. Mary FIELD Jeanerette SEC. 37 TWP 13S RGE 9E
COMPANY The Atlantic Refg. Co. LEASE St. Mary Bank & Trust Co. WELL NO. 1
DRILLING CONTRACTOR Grace Drilling Co. DATE SPUNDED (OR W.O.) 9/24/55
DATE COMPLETED ~~08/22/1955~~ 10/22/1955 AT 12 Midnight (A.M.)(P.M.)

COMPLETION DATA

INITIAL PRODUCTION 199 BBL./ (NET)
TUBING PRESSURE 1100# #/SQ. IN. GAS FLOWING (***) SHUT IN ()
CASING PRESSURE - #/SQ. IN. CA.
CHOKE SIZE 9/64" POSITIVE () ADJUSTABLE ()
B.S. & W. Trace PERCENT SALT WATER () WASH WATER ()
GAS VOLUME 163 MCF/DAY
GAS/OIL RATIO 820/1 CF/BBL.
GRAVITY 37.2 (60 degrees A.P.I.)
PRODUCING DEPTH 7977 FT. TO 7984 FT.
PERFORATED YES () NO () BOTTOM TUBING 7968 FT. SIZE 2" IN.
CASING (OIL STRING) SIZE 5 1/2 IN I.D. () O.D. () BOTTOM SEAT 8050 FT.
TOTAL DEPTH DRILLED 8434 FT. DERRICK FLOOR ELEVATION 23.47 FT.
(Additional clearance is requested for barrels of oil produced on drillstem or other production tests. (See Section X, Paragraph B, of Order No. 29-A reverse side.)

THE ATLANTIC REFINING COMPANY

OCT 26 1955

RECEIVED

DEPARTMENT OF CONSERVATION

POTENTIAL REPORT

Type Well: Oil Gas _____ Distillate _____

Type Test: Comp. _____ Recomp. _____ Retest _____ Regauge _____

Field St Mary Joanette

Company Atlantic Refining Co. Serial No. 58269

Well Name & No. St Mary Bkt Trust Co #1

Location: Sec 37 Twp 13S Rge 9E Flowing Pump _____

Prod. Horizon _____ Perf. Int. 7977 to 7984

Casing Setting: Size 5 1/2 @ 805-0

Tubing Setting: Size 2" @ 7968 T.D. 8434

Date Completed 10-22 Date Gauged 10-2-55

Acidize with gals. Elev. of Derr. Floor 83.47

--- TEST DATA ---

T. P. 1275 C. P. 800 Choke Size 8 /64th

Closing TK Gge 4 ft 3 1/2 in. @ 400 Time

Opening TK Gge 3 ft 1 1/2 in. @ 1100 Time

Diff. 1 ft 4 in. 3 Hours (Time)

Tank No. 2 Tank Coef. 5.40

Bbls. Per 5 Hrs 44.00 Est. Bbls. Per Day 2.11

Daily Gas Vol. 88 *M.C.F. G/O Ratio 418

B.S.&W. 40 % Corrected Gravity 37.2 Deg. A.P.I.

Witnessed W. O. Valentin

Gauged W. O. Valentin # 5

District Office W. O. Valentin

Remarks: _____

MINERALS DIVISION
DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

WORK PERMIT

PERMIT TO Squeeze & Perf. DATE 3/9/56
PARISH St. Mary FIELD Jeanerette
COMPANY The Atlantic Refining Co.
ADDRESS P. O. Box 1346 Houston, Texas
WELL NAME St. Mary Bank (State) Un. 1 sec. 37 T. 138R. 2E
WELL PERMIT SERIAL No. 58269 WORK PERMIT No. Sq & Perf-I #268
LOCATION _____

YOU ARE HEREBY AUTHORIZED TO Squeeze perforations 7977-7984
and perforate from 7977-7981 to shut off salt water and restore
production

PERMIT REQUESTED BY C. A. Kinoy TD 8434
Company Representative

AUTHORIZED BY _____
Lafayette
District Office

MINERALS DIVISION
DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

- SQUEEZE AND PERFORATE RECORD -

DATE WORK DONE 3-18-56 WORK PERMIT NO. _____
WELL SERIAL NO. 58269

Lafayette, Louisiana

(One copy to be filed with the District Office)

N O T E:

THIS REPORT WILL BE RETURNED IF NOT PROPERLY FILLED IN AND SIGNED

PARISH St. Mary FIELD Jeanerette SEC 37 TWP 13S RGE 9E

COMPANY The Atlantic Refining Co. LEASE St. Mary Bank (State) Unit WELL NO. 1

TOTAL DEPTH 8434 NEW OR OLD WELL Old

SIZE OF CASING 5 1/2" DEPTH OF CASING 8050'

METHOD OF PLACING CEMENT Halliburton

WHERE CEMENT RETAINER SET: DEPTH 7958' FT.

ZONE OF SQUEEZE FROM 7977 TO 7981

NUMBER OF SACKS USED 80 HOURS CEMENT SET 24

BARRELS OF WATER PUMPED BEFORE CEMENT 7 AFTER 5

BREAKDOWN PRESSURE 3000-1200# FINAL PRESSURE 5000#

SQUEEZE JOB DONE BY Halliburton

PERFORATED FROM 7744 TO 7750

NUMBER OF HOLES 24 SIZE OF HOLES Jet

PERFORATING COMPANY Welex TRUCK NO. _____

REMARKS: _____

THIS WORK WAS DONE ACCORDING TO THE RULES AND REGULATIONS OF THE DEPARTMENT OF CONSERVATION, MINERALS DIVISION.

SIGNED: THE ATLANTIC REFINING COMPANY

C. C. Rainey

RECEIVED
MAR 22 1956

Representative

DEPARTMENT OF CONSERVATION
MINERALS DIVISION
LAFAYETTE, LOUISIANA

Form
Sq & Perf - ND13
#9403

MINERALS DIVISION
DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

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