

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: License # 9067
Name DaMar Resources, Inc.
Address P.O. Box 70
City/State/Zip Hays, KS 67601

Purchaser Inland Crude
Wichita, KS

Operator Contact Person Daniel F. Schippers
Phone (913) 625-0020

Contractor: License # 5422
Name Abercrombie Drilling, Inc.

Wellsite Geologist
Phone

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply etc.)

If OWWO: old well info as follows:
Operator F. & M. Oil Company
Well Name Kraemer #1
Comp. Date 6-09-74 Old Total Depth 3900'

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
11-08-83 11-09-83 11-09-83
Spud Date Date Reached TD Completion Date
3920'
Total Depth PBT

Amount of Surface Pipe Set and Cemented at 218 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 1672 feet
if alternate 2 completion, cement circulated from 1672 feet depth to Surf w/ 400SX cmt

API NO. 15-195-20,281-A

County Trego

C... NW... NW... Sec. 11... Twp. 11S... Rge. 22... East West

4620 Ft North from Southeast Corner of Section
4620 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

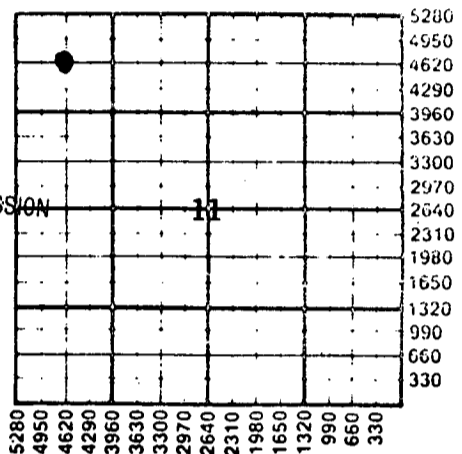
Lease Name Kraemer Well # 1 (OWWO)

Field Name DEMURRY

Producing Formation Marmaton

Elevation: Ground 2190 KB 2195

Section Plat



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WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal Repressuring
Docket #

Questions on this portion of the ACO-1 call:
Water Resources Board (913) 296-3717

Source of Water:
Division of Water Resources Permit #
 Groundwater... Ft North from Southeast Corner (Well) ... Ft West from Southeast Corner of Sec Twp Rge East West
 Surface Water... Ft North from Southeast Corner (Stream, pond etc) ... Ft West from Southeast Corner Sec Twp Rge East West
 Other (explain) (purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 and 82-3-107 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months. One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the regulations herein are complete and correct to the best of my knowledge.

Signature [Signature]
Title President Date 5-10-85

Subscribed and sworn to before me 10th day of May 1985.
Notary Public [Signature]

Date Commission Expires

STEPHEN K. SCHMEIDLER
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. July 10, 1988

K.C.C. OFFICE USE ONLY
 Letter of Confidentiality Attached
 Wireline Log Received
 Drillers Timelog Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify)

Sec 11 Twp 11 Rge 22

SIDE TWO

Operator Name DaMar Resources, Inc. Lease Name Kraemer Well # 1 (ONWO)

Sec. 11 Twp. 11S Rge. 22 East West County Trego

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken Yes No
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

No Drill Stem Tests taken.

Name Top Bottom
 See attached cased hole log.

| CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used | | | | | | | |
|-------------------------------------------------------------------------------------|---------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-------------------------------------------------------------------------------|----------------|-------------|----------------------------|
| Report all strings set-conductor, surface, intermediate, production, etc. | | | | | | | |
| Purpose of String | Size Hole Drilled | Size Casing Set (In O.D.) | Weight Lbs/Ft. | Setting Depth | Type of Cement | #Sacks Used | Type and Percent Additives |
| Surface Production | 7 7/8" | 4 1/2" | 10.5# | 3919 | EA2 | 200 | 5% calseal 18% salt |
| PERFORATION RECORD | | | | Acid, Fracture, Shot, Cement Squeeze Record | | | |
| Shots Per Foot | Specify Footage of Each Interval Perforated | | | (Amount and Kind of Material Used) | | Depth | |
| | (See Attached Completion Report) | | | | | | |
| TUBING RECORD | | | | Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | | |
| Date of First Production | | Producing Method | | | | | |
| 2-23-84 | | <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain)..... | | | | | |
| Estimated Production Per 24 Hours | | Oil | Gas | Water | Gas-Oil Ratio | Gravity | |
| 40 Bbls | | - MCF | | 0 Bbls | CFPB | 38.0° | |

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify)
 Used on Lease Dually Completed
 Commingled

STAMPED AREA

DAMAR RESOURCES INC
COMPLETION REPORT KREAMER # 1

15-195-20281-00-01

FEB 6/84 MOVE IN INLAND WELL SERVICE AND RIG UP.

RIG UP TO SWAB HITCH. PERFORATED AT
3858-66 AND 3870-80 2/5 PF.

2100 FT FLUID. SWAB DOWN.

400 FT FLUID - 84% OIL

400 FT ✓ - TR

500 FT ✓ - TR

400 FT ✓ - TR

400 FT ✓ - TR.

WAIT 30 MINS - FROM BOTTOM 60 FT FLUID - 72% OIL

✓ ✓ 80 FT ✓ - 28% OIL

✓ ✓ 60 FT ✓ - 9% OIL

75 FT ✓ - 9% OIL

75 FT ✓ - 5% OIL

35 FT ✓ - 14% OIL

75 FT ✓ - 7% OIL

60 FT ✓ - 10% OIL

70 FT ✓ - 5% OIL

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FEB 7/84 OVERNIGHT FILL UP 750 FT.

PULLED 400 FT FLUID - 20% OIL

- 350 FT ✓ - TR

No. 1 WAIT 30 MINS 50 FT FLUID 2.0%

2 - 60 FT ✓ 8%

3 - 50 FT ✓ 8%

2 15-195-20281-00-01

RIG UP L-K WIRELINE AND PERFORATE
3794 TO 3804 21 SHOTS AND 3804 TO 3814 - 20 SHOTS.
RAN IN AND SET ^{BAKER} PERMANENT BRIDGE PLUG AT
3850 FT.

PULL 1/2 hr SWABS ON MARMONTON

- 1- 50 FT FLUID - 9% OIL
- 2- 50 FT - 8% OIL
- 3- 50 FT - 8% OIL
- 4- 60 FT - 9% OIL
- 5- 30 FT - 8% OIL

ACIDIZE WITH 500 GALS 15% Z.N.S. ACID.

Pump 2 BBLs @ 1 BPM @ 100 PSI. WAIT 5 MINS
 Pump 2 BBLs @ 2 BPM @ 150 PSI. WAIT 5 MINS
 Pump 2 BBLs @ 3 BPM @ 180 PSI. WAIT 5 MINS
 Pump 6 BBLs OF ACID AND 6 BBLs OVERFLUSH
 AT 7 BPM @ 350 PSI. I.S.I.P. 100 PSI. AFTER
 10 MINS O.

SWAB WELL BACK.

30 min 150 ft FLUID TR. OIL
 150 ft - TR. -
 150 ft - TR. -

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FEB 8/84 FLUID LEVEL 1400 -

PULLED 400 ft - 18% OIL
 400 ft TR
 300 FT TR
 200 FT TR
 65 ft TR
 70 ft TR
 75 ft TR

3. 15-195-20281-00-01

WAIT 30 min - 150 ft - TR.

RIGGED UP L-K WIRELINE AND RAN SPINNER SURVEY. NO RESULTS. PULLED OUT AND SWABBED DOWN AGAIN. REDRESSED SPINNER AND RAN IN AGAIN. NOT ENOUGH FLUID MOVING TO ACTIVATE SPINNER. PULLED OUT OF HOLE. RAN BRAD RETRIEVABLE PLUG AND 3 JOINTS OF TBG. RAN TO 3440. SDFN.

FEB 9/84 RAN 5 MORE JOINTS 2 3/8 TBG AND SET PLUG AT 3835.

SWAB DOWN. FLUID LEVEL AT 3100ft.

FIRST SWAB 11% OIL.

SECOND - TR

THIRD ✓ TR

WAIT 30min. 190 ft FLUID - TR OIL

WAIT 30min 190 ft FLUID - TR OIL

WAIT 30min 180 ft FLUID - TR OIL.

RAN IN AND PULLED RETRIEVABLE PLUG. LAY DOWN TBG. ~~RELEASE REG.~~

RAN PLUG BACK IN AND SET AT 3750. SWAB DOWN

WAIT 30 min - FLUID LEVEL 95ft WATER

✓ - - - FL - 190ft H₂O ~~OR Water~~

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10/84

FLUID LEVEL AT 2600 ft. RAN IN AND
 MOVED PLUG UP TO 2550 ft. SWABBED. NO FLUID
 - - DOWN - 3050 ft - -
 - - - - 3220 ft - -
 - - - - 3420 ft - -
 - - - - 3700 ft - 560 ft FLUID
 WAIT 15 MIN. PULLED 95 ft FLUID.

FEB 11/84

FLUID LEVEL 2500 ft. RAN AND PULLED
 RETRIEVABLE PACKER. TALLY AND RAN PRODUCTION
 PACKER AND 3765.25 ft OF 2 3/8 T.B.G. SET PACKER
 AT 3770 ft. SWABBED T.B.G. DRY. ACIDIZED WITH
 500 GALS DNE T.B.G. CAPACITY 14.5. PUMP 2 BALS
 ACID INTO FORMATION AT 1 1/2 BBL PER MIN @ 1 1/4.
 PUMP 2 BBL @ 2 BLM @ 350 PSI. WAIT 5 MIN.
 PUMP REMAINING ACID AND 2 BALS OVERFLUSH
 AT 4 1/2 BBL PER MIN @ 1250 PSI. ISIP 250 PSI
 AFTER 10 MINS 75 PSI. BLEED OFF.
 SWAB T.B.G. 1ST PULL 100 ft 50% OIL
 2ND PULL 80 ft 50% OIL
 3RD PULL 30 ft 100% OIL AFTER 10 MIN WAIT.
 SDFN

FEB 12/84

FLUID AT 2000 ft FROM BOTTOM.
 1ST PULL 70% -
 2ND - 145 ft 100%
 3RD - 50 ft 100%
 4th - 50 ft 100%

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S. 15-195-20281-00-01

PULLED 5 JOINTS @ SET PACKER @ 3607.56
PUMPED FLUID AWAY. PULLED 3 MORE JOINTS
END SET PACKER AT 3510.04. PUMPED. PRESSURED
UP. RAN 1 JOINT AND SET AT 3542.55. PUMPED.
PRESSURE UP. RAN 1 JOINT AND SET AT
3575.10. PUMPED. PRESSURED UP. RAN 1 JOINT
IN 15 FEET AND SET PACKER AT 3590.10. PUMPED
FLUID AT 3 BPM @ 350 PSL. RELEASE PACKER
AND PULL OUT OF HOLE.

RAN IN WITH BRIDGE PLUG AND STRADDLE
PACKER. SET BRIDGE PLUG AT 3835.03 AND
MOVE STRADDLE PACKER TO 3780.55. SWAB
TEST. PULL 2 SWABS TO EMPTY TBC.

| | | | |
|-----------------------|--------|-------|---------|
| 1st PULL OFF BOTTOM | 80 ft | FLUID | 40% oil |
| WAIT 30 min 2ND - - - | 180 ft | FLUID | 20% oil |
| GO RIGHT BACK DOWN | 80 ft | ✓ | 20% oil |
| - - - - | 80 ft | ✓ | 20% oil |

| | | | | | | |
|-----------|---------|-------|---|-----|-----|-------------|
| FEB 14/84 | 1000 ft | FLUID | - | 47% | OIL | 1st SWAB |
| 2nd | 60 ft | - | - | 38% | - | - |
| 3rd | 60 ft | - | - | 33% | - | - |
| 4th | 70 ft | - | - | 75% | - | WAIT 30 min |
| 5th | 60 ft | - | - | 70% | - | - - - |

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SET BRIDGE + PACKER TO TEST. BRIDGE PLUG
LEAKED. ROUND TRIP TBC AND SET BP + PACKER
TO TEST. HOLD O.K.

GO DOWN AND SET BRIDGE PLUG 3735. PULL UP
AND SET PACKER AT 3544. CEMENT WITH
100 SACS AND 3% RML.

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CEMENT ON VACUUM. TRY TO PRESSURE UP.
 AFTER 2 ATTEMPTS PRESSURED UP TO 2000 PSI.
 TRY TO BACKWASH. PRESSURED UP. TRY DOWN
 TBC - PRESSURED. PULL TBC. 57 JOINTS FULL
 OF CEMENT. SDFN

FEB 15/84 RAN IN WITH 3 7/8 BIT AND TBC. HIT CEMENT AT
 3544 FT. DRILLED OUT 47 FT CEMENT. WENT
 DOWN AND WASHED SAND OFF BRIDGE PLUG.
 STARTED OUT OF HOLE. WIND TOO STRONG SO
 SHUT DOWN EARLY.

FEB 16/84 PULLED REMAINING TBC. SWABBED DOWN TO TEST
 SQUEEZE. SWABBED DRY. WAIT 30 MINS. SWABBED DRY
 PICK UP WEIGHTED PIPE AND PUSH PLUG DOWN
 BELOW PERFS. SWAB TEST. SWABBING DRY.
 PLUG STUCK IN PERFS. SDFN

FEB 17/84 RUN IN TBC AND PUSH PLUG TO BOTTOM. COME UP
 AND SET PACKER @ 3704. SWAB TEST THRU
 TUBING WHILE WAITING FOR HALIBURTON SEAL CROW.

#1 60 FT - 45% OIL
 #2 60 FT - 60% OIL
 #3 65 FT - 75% OIL
 #4 65 FT - 77% OIL
 #5 50 FT - 75% OIL

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RIGGED UP HALIBURTON TO FRAC DOWN 2 3/8
TBC USING 16000 LB SAND AND 17800 GALS
FLUID. FRAC WENT @ 9 BPM @ 2500 LBS
WITH SMALL INCREASE TO 2600 WHEN 10/20
SAND HIT FORMATION. ISIP 1150 PSI AFTER
5 MIN 1050 @/hr 15 MINS 1000 PSI.

FEB 20/84 RIGGED UP HALIBURTON TO WASH SAND OFF
PLUG. CIRCULATED WATER ON TOP OF PLUG.
LATCH ON TO BRIDGE PLUG AND PULL TBC, PACKER
AND PLUG OUT OF HOLE AND RIGGED UP TO SWABS.
PULLED 17 SWABS OF WATER.

| | | | | | | | |
|-----|-----|-----|------|------|------|-----|---------|
| 18- | 400 | FT | FROM | 2300 | - | 17% | OIL |
| 19- | 400 | - | - | 2400 | - | 18% | OIL |
| 20 | - | 400 | - | - | 2500 | - | 23% OIL |
| 21 | - | 400 | - | - | 2450 | - | 25% OIL |
| 22- | 400 | - | - | 2400 | - | 32% | OIL |
| 23 | - | 400 | - | - | 2500 | - | 31% OIL |
| 24 | - | 400 | - | - | 2600 | - | 28% OIL |
| 25 | - | 400 | - | - | 2600 | - | 30% OIL |

SDFN.

FEB 24/84 7L. 1100 FT FROM SURFACE. PULLED 10 SWABS
FLUID AT 2400 FT. 50% OIL
PULL 30 MIN TESTS. PULLED 400 LB 15R PULL.

| | | | | |
|----|-----|----|------|------|
| 1- | 7L. | AT | 2400 | 86% |
| 2- | 7L. | AT | 2300 | 50% |
| 3- | 7L. | AT | 2250 | 100% |
| 4. | 7L. | AT | 2250 | 100% |

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5. 7L. AT 2215 - 100% oil

6. 7L AT 2450 - 100% oil

RAN 4 1/2 BRIDGE PLUG AND SET AT 1676
TRY TO LOCATE F.O. TOOL. UNABLE TO FIND.
RESET BRIDGE PLUG AT 1700. OPENED F.O
TOOL AND CEMENT WITH 350 SACS 60-40
AND 50 SACS OF NEAT. DISPLACE WITH 6.9 BBL
WATER. CLOSE F.O. TOOL. PRESS UP. HOLDING.
PULL OUT OF HOLD. TAKE OFF F.O. TEETH.
RAN BACK IN WITH CATCHER AND WASH
SAND OFF OF BRIDGE PLUG. HOOK ON TO
BRIDGE PLUG AND SHUT DOWN FOR NIGHT.

FEB 22/84 PULL 52 JOINTS OF TBG AND BRIDGE PLUG.
RAN 12 FT MUD ANCHOR, SEATING NIPPLE AND
116 JOINTS 2 3/8 TBG. SEATING NIPPLE IS AT
3760.38. RAN 149 74 RODS AND 1 6 FT ^{DOWN 102} ~~UP~~ JOINT.
CHECK PUMP FOR BLOW. OK. HANG ON. RIG OUT.

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