JENNIFER CHAVEROO SAN ANDRES UNIT

SUPPLEMENTAL DATA REQUIRED BY FORM C-108

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FILE 3.

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Exhibit VIII.B. - Report dated November, 1966 prepared by Roswell Geological Society Symposium with attached structural and isopachus maps and type log;

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* See enclosures.

EXHIBIT VIII.A.
GENERAL LOCATION MAP

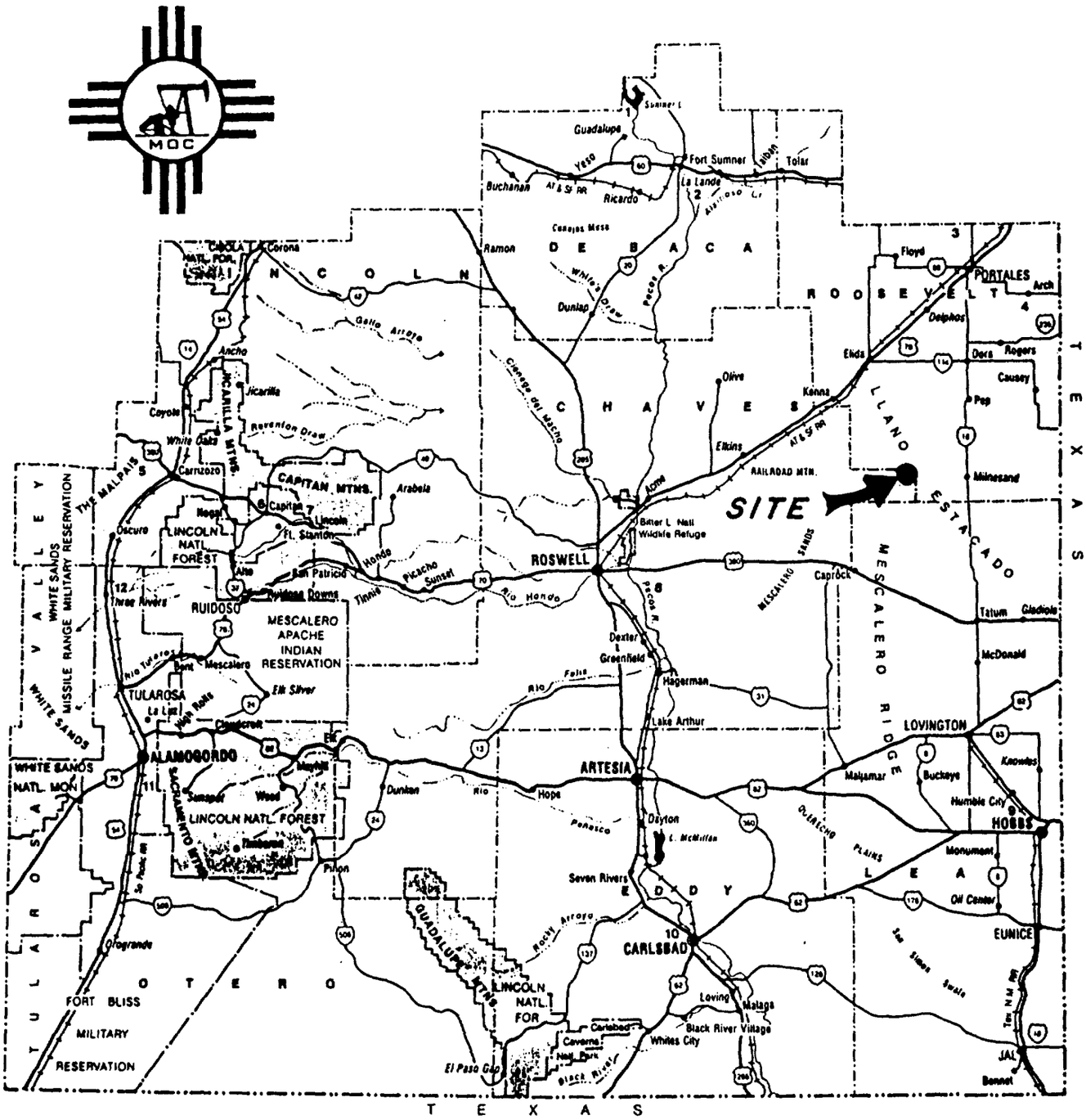

SITE
ROSWELL
ALAMOGORDO
ARTESIA
CARLSBAD
HOBBS
LOVINGTON
TEXAS
NEW MEXICO
CHAVES
EDDY
LEA
OTERO
LINCOLN
ROOSEVELT
DE BACA
LINCOLN NATL. FOREST
MESCALERO APACHE INDIAN RESERVATION
FORT BLISS MILITARY RESERVATION
WHITE SANDS MISSILE RANGE MILITARY RESERVATION
WHITE SANDS NATL. MON.
CAPITAN MTNS.
SACRAMENTO MTNS.
GUADALUPE MTNS.
LINCOLN NATL. FOR.
PORTALES
TULAROSA
RUIDOSO
LLANO ESTACADO
MESCALERO RIDGE
RAILROAD MTN.
Pecos R.
Rio Hondo
Rio Penasco
Rio Felix
Rocky Arroyo
Seven Rivers
Dayton
Hagerman
Lake Arthur
Dexter
Greenfield
Caprock
Tatum
Gladiola
McDonald
Monument
Oil Center
EUNICE
JAL
Bonnet
Milnesand
Elkins
Kenna
Olive
Dunlap
Ramon
Fort Sumner
Guadalupe
Buchanan
Ricardo
La Lande
Tolar
Floyd
Delphos
Elida
Dora
Rogers
Causey
Pep
Arch
Corona
Carrizozo
Capitan
Lincoln
Ft. Stanton
Arabela
Alto
San Patricio
Ruidoso Downs
Three Rivers
Mescalero
Tinnie
Picacho
Sunset
Elk Silver
La Luz
Alamogordo
Tularosa
Chaparral
Dunken
Hope
Pinon
Orogrande
Loving
Malaga
Carlsbad
Caverns Nat. Park
Black River Village
Whites City
El Paso Gap
Black River
Maljamar
Buckeye
Knowles
Humble City
Lea
Jicarilla
Ancho
Gallo Arroyo
Ciénega del Macho
Whites Draw
Pecos R.
Ruidoso Cr.
Arabela
Rio Tularosa
Rio Ruidoso
Rio Hondo
Rio Felix
Rio Penasco
Rocky Arroyo
Quidalupe Mts.
Sacramento Mts.
Guadalupe Mts.
Railroad Mtn.
Llano Estacado
Mescalero Ridge
Pecos R.
Rio Grande
Rio Pecos
Rio Grande
Rio Penasco
Rio Hondo
Rio Felix
Rio Ruidoso
Rio Tularosa
Rio Grande
Rio Pecos

EXHIBIT VIII.B.
ROSWELL GEOLOGIC SOCIETY SYMPOSIUM -
REPORT DATED NOVEMBER, 1966

ROSWELL GEOLOGICAL SOCIETY SYMPOSIUM

Author: George L. Scott, Jr.
Affiliation: Consulting Geologist
Date: November 1966

Field Name: Chaveroo
Location: T-7,8-S, R-33, 34-E
County & State: Chaves & Roosevelt Counties, New Mexico

Discovery Well: Champlin Pet. Co. & Warren American Oil Co. #1 Hondo State, SE/4 NE/4 Section 32, T-7-S, R-33-E. Completed 3/20/65 IPP 148 BOPD + 2 BWPD, GOR 810.

Exploration Method Leading to Discovery: 80% subsurface 20% seismic

Pay Zone:
Formation Name: San Andres
Depth & Datum Discovery Well: Top of field pay is at 4184 (+255) Top perf in disc. well 4299.
Lithology Description: Tan to brown, fine to medium crystalline dolomite with scattered anhydrite inclusions, and vugular, inter-crystalline and fracture porosity. Most wells complete from 1st to 2nd porosities; scattered wells also perf 3rd porosity. The net porosity is based on a cut-off of 4% and covers only 1st and 2nd porosities. (Cont. under Type Trap)
Approximate average pay: 210 gross 40 net Productive Area 11,000 acres (on Nov. 1, 1966)

Type Trap: Stratigraphic. Porosity and permeability fails up dip along the north and west margin of the field to provide the trap.

Pay Zone (cont. from above). Net porosity map is not a strict net pay map as there are wells where extensive fracturing has lowered the porosity cut-off to 2 1/2%. It also includes porosity in the 2nd porosity interval at the south and southeast field margin that is below the irregular oil-water contact.

Reservoir Data: 6 % Porosity, .7 Md Permeability, 25 % Sw, 16 % So
Oil: 26° API, black, sour
Gas: GOR 400 to 1000
Water: 66,600 Na+K, 27,680 Ca, 4860 Mg, 165,600 Cl, 200 SO_4, 240 HCO_3, ____ Fe
Specific Gravity 1.174 Resistivity .035 ohms @ 110 °F
Initial Field Pressure: 1340 psi @ +140 datum Reservoir Temp. 110°F
Type of Drive: Solution gas

Normal Completion Practices: Set casing through pay and selectively perforate with one shot per interval. Acidize with 2000 gallons of acid, and sand fracture with 30,000 gallons of oil and 30,000 pounds of sand.

Type completion: Both flowing and pumping Normal Well Spacing 40 Acres

Deepest Horizon Penetrated & Depth: Bough "C" at 9100' in the discovery well. At the south end of the field several abandoned Bough "C" wells have been plugged back to the San Andres
Other Producing Formations in Field: None within the area of San Andres production, however, Bough "C" production in the Tobac field adjoins the Chaveroo San Andres field on the south.

Production Data:

YEAR	TYPE	No. of wells @ yr. end		PRODUCTION OIL IN BARRELS GAS IN MMCF		YEAR	TYPE	No. of wells @ yr. end		PRODUCTION OIL IN BARRELS GAS IN MMCF	
		Prod.	S.I.or Abd.	ANNUAL	CUMULATIVE			Prod.	S.I.or Abd.	ANNUAL	CUMULATIVE
1965	OIL	45		166,896	166,896		OIL				
	GAS			179,400	179,400		GAS				
1966*	OIL	241		1,474,705	1,641,601		OIL				
	GAS			1,084,527	1,263,927		GAS				
	OIL						OIL				
	GAS						GAS				
	OIL						OIL				
	GAS						GAS				

* 1966 production to September 30, 1966.

EXHIBIT VIII. B.

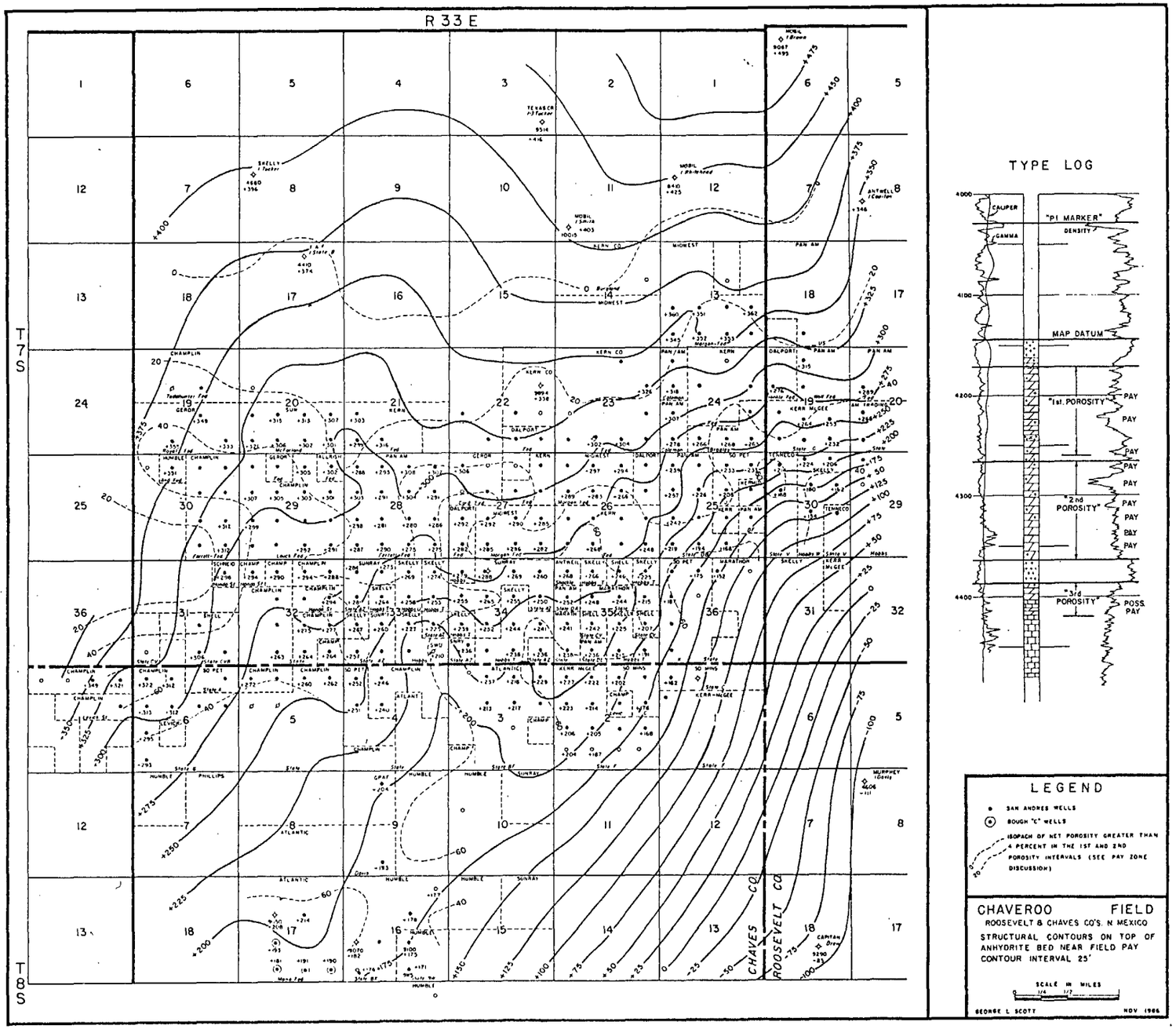

R 33 E
T 7 S
T 8 S
ROOSEVELT CO
CHAVES CO
TYPE LOG
CALIPER
GAMMA
"PI MARKER"
DENSITY
MAP DATUM
"1st POROSITY"
PAY
"2nd POROSITY"
"3rd POROSITY"
POSS. PAY
4000
4100
4200
4300
4400
LEGEND
SAN ANDRES WELLS
BOUGH "C" WELLS
ISOPACH OF NET POROSITY GREATER THAN 4 PERCENT IN THE 1ST AND 2ND POROSITY INTERVALS (SEE PAY ZONE DISCUSSION)
CHAVEROO FIELD
ROOSEVELT & CHAVES CO'S, N MEXICO
STRUCTURAL CONTOURS ON TOP OF ANHYDRITE BED NEAR FIELD PAY
CONTOUR INTERVAL 25'
SCALE IN MILES
GEORGE L SCOTT
NOV 1986

EXHIBIT VIII.C.
CORE DATA

CORE LABORATORIES, INC. LUKE LAB *Petroleum Reservoir Engineering*

COMPANY PAN AMERICAN PETROLEUM CORPORATION — FILE NO. WP-3-2702
WELL JOYCE WOLF NO. 1 — DATE 6-5-66 — ENGRS. BOONE
FIELD CHAVEROO — FORMATION SAN ANDRES — ELEV.
COUNTY ROOSEVELT — STATE NEW MEXICO — DRLG. FLD. WATER BASE MUD — CORES DIAMOND 4 3/8"
LOCATION 19-7S-34E — REMARKS SAMPLED AS DIRECTED BY CLIENT

COMPLETION COREGRAPH

These analyses, opinions or interpretations are based on observations and material supplied by the client to whom, and for whose exclusive and confidential use, this report is made. The interpretations or opinions expressed represent the best judgment of Core Laboratories Inc. (all errors and omissions excepted); but Core Laboratories, Inc. and its officers and employees assume no responsibility and make no warranty or representations as to the productivity, proper operation, or profitableness of any oil, gas or other mineral well or sand in connection with which such report is used or relied upon.

SAND, SHALE, LIMESTONE, DOLOMITE, CONGLOMERATE, OOLITES, CHERT, ANHYDRITE

SAMPLE CHARACTERISTICS F:Fractured L:Laminated FG; MG; CG:Type Grain Size S:Stylolitic V:Vuggy — PROBABLE PRODUCTION O:Oil W:Water G:Gas T:Transitional

SAMPLE NUMBER	DEPTH FEET	PERMEABILITY, MD. * = Horizontal Perm Plug HORIZONTAL MAX.	HORIZONTAL 90°	POROSITY %	RESIDUAL SATURATION % PORE SPACE OIL	RESIDUAL SATURATION % PORE SPACE TOTAL WATER
23	4266.5-68.0	<0.1	<0.1	2.9	8.1	76.5
24	68.0-69.5	<0.1	<0.1	2.6	2.3	60.3
25	4269.5-71.0	<0.1	<0.1	3.6	5.3	56.8
26	71.0-72.5	0.1	0.1	8.1	3.9	54.3
27	4272.5-74.0	3.6	<0.1	6.2	3.1	50.2
28	74.0-75.5	0.5	0.1	5.3	7.3	51.4
29	4275.5-76.8	0.1	0.1	6.9	12.8	38.7
30	76.8-78.5	0.1	0.1	7.6	16.3	37.8
31	4278.5-80.0	2.1	0.4	5.2	6.8	55.7
32	80.0-81.5	0.2	0.1	2.8	0.4	66.1
33	4281.5-83.0	0.3	0.1	3.2	3.1	63.0
34	83.0-84.3	2.0	<0.1	4.5	5.4	57.3
35	84.3-85.6	0.1	0.1	5.0	5.0	52.7
36	4285.6-87.0	9.7	3.6	7.1	12.1	32.6
37	87.0-88.7	0.2	0.2	6.6	7.4	35.2
38	4288.7-89.8	0.1	<0.1	6.2	9.4	35.8
39	89.8-91.4	<0.1	<0.1	5.3	4.2	49.4
40	4291.4-93.2	<0.1	<0.1	5.1	4.1	30.6
41	93.2-94.6	<0.1	<0.1	7.2	4.1	46.7
42	4294.6-96.0	<0.1	<0.1	6.4	8.4	49.2
43	96.0-97.7	<0.1	<0.1	4.3	2.5	57.5
44	4297.7-99.1	<0.1	<0.1	3.6	1.1	60.8
45	99.1-00.7	<0.1	<0.1	0.6	0.0	71.0
46	4300.7-02.0	<0.1	<0.1	1.1	0.0	56.2
47	02.0-03.4	<0.1	<0.1	1.1	0.0	71.6
48	4303.4-05.0	<0.1	<0.1	0.7	0.0	58.7

PERMEABILITY MILLIDARCYS 10 5 — POROSITY PERCENT 10 5 — TOTAL WATER PERCENT PORE SPACE 75 50 25 — OIL SATURATION PERCENT PORE SPACE 25 50 75

4255 4260 4265 4270 4275 4280 4285 4290 4295 4300 4305 4306

Well #19-07

Completion Date: 07-12-66

Completion Interval: 4108'-4298'

Perfs:
4268'-4298' (2 JSPF)
4108'-4123' (2 JSPF)
4127'-4214' (2 JSPF)

Initial Treatment:
Acid 2000 G
Frac 30000 #

Initial Potential:
P 97 BOPD
- MCFGPD
2 BWPD

Cumulative Recovery to January 1, 1989:
Oil 32,254
Gas 25,626
Wat 17,215

Proposed Jennifer Chaveroo San Andres Unit
Form C-108 Exhibit VIII.C. - Core Data - "Completion Coregraph" for Wolf Federal Well #1 (#19-07) located within Unit boundary.

EXHIBIT VIII. C.

CORE LABORATORIES, INC. *Petroleum Reservoir Engineering*

COMPANY PAN AMERICAN PETROLEUM CORPORATION — FILE NO WP-1-2815
WELL HOMME FEDERAL NO 3 — DATE 12-24-66 — ENGRS BOONE
FIELD CHAVEROO — FORMATION SAN ANDRES — ELEV.
COUNTY ROOSEVELT — STATE NEW MEXICO — DRLG FLD WATER BASE MUD — CORES DIAMOND 4 1/4"
LOCATION 1980 FN & WL SEC 20-T7S-R34E — REMARKS SAMPLED AS DIRECTED BY CLIENT

COMPLETION COREGRAPH

SAND · LIMESTONE · CONGLOMERATE · CHERT · ANHYDRITE · SHALE · DOLOMITE · OOLITES

SAMPLE CHARACTERISTICS — F Fractured L Laminated FG, MG, CG Type Grain Size S Stylolitic V Vugular
PROBABLE PRODUCTION — O Oil W Water G Gas T Transitional

SAMPLE NUMBER	DEPTH FEET	PERMEABILITY IN MILLIDARCYS HORIZONTAL 90° TO Horizontal Core Plug MAX	90	POROSITY %	RESIDUAL SATURATION % PORE SPACE OIL	TOTAL WATER	
3	4105.0-06.7	<0.1	<0.1	1.0	0.0	87.9	
4	4106.7-08.1	0.1	<0.1	3.6	0.0	90.3	F
5	08.1-09.8	0.4	0.1	3.1	2.3	87.5	F
6	4109.8-11.3	<0.1	<0.1	3.4	5.5	83.5	F
7	4111.3-13.0	0.3	0.2	2.0	3.5	79.2	F
8	13.0-14.7	<0.1	<0.1	0.9	0.0	96.8	
9	4114.7-16.4	<0.1	<0.1	0.5	0.0	93.3	
10	16.4-17.7	<0.1	<0.1	1.3	7.1	90.5	F
11	4117.7-19.3	0.1	<0.1	1.5	4.7	92.0	F
12	19.3-20.3	<0.1	<0.1	1.5	1.3	84.8	
13	4120.3-22.0	6.3	<0.1	2.2	5.5	64.8	
14	22.0-23.9	<0.1	<0.1	3.8	5.2	57.6	F
15	4123.9-25.4	0.1	<0.1	3.3	2.4	38.3	F
16	4125.4-27.0	<0.1	<0.1	2.7	0.4	55.8	F
17	27.0-28.9	0.1	<0.1	2.9	7.0	58.0	F
18	4128.9-30.5	<0.1	<0.1	2.3	1.0	70.8	F
19	4130.5-32.1	<0.1	<0.1	3.0	3.4	62.8	F
20	32.1-33.9	<0.1	<0.1	2.8	6.2	63.9	F
21	4133.9-35.4	<0.1	<0.1	2.4	5.5	75.5	
22	4135.4-37.0	<0.1	<0.1	1.8	1.1	88.3	
23	37.0-38.5	0.4	<0.1	2.8	0.0	94.0	
24	4138.5-40.0	<0.1	<0.1	1.8	0.0	91.2	
25	40.0-41.2	<0.1	<0.1	0.8	2.7	77.3	
26	4141.2-43.0	<0.1	<0.1	0.7	1.4	80.6	
27	43.0-44.0	<0.1	<0.1	0.4	0.0	71.5	
28	44.0-45.0	<0.1	<0.1	0.6	0.0	78.2	
29	4146.0-47.0	<0.1	<0.1	0.3	0.0	79.3	
30	47.0-48.0	<0.1	<0.1	0.2	0.0	75.0	
31	48.0-49.0	<0.1	<0.1	0.8	2.6	83.0	F
32	49.0-50.1	<0.1	<0.1	0.1	0.0	71.3	
33	50.3-51.5	<0.1	<0.1	0.6	0.0	81.3	
34	4154.0-55.7	<0.1	<0.1	0.5	0.0	78.5	
35	4155.7-57.0	<0.1	<0.1	0.3	0.0	74.2	
36	4161.0-62.3	<0.1	<0.1	0.5	0.0	75.0	
37	4162.3-63.8	<0.1	<0.1	0.5	4.0	76.0	
38	63.8-65.4	0.3	<0.1	2.8	5.0	62.2	F
39	4165.4-67.0	0.1	<0.1	1.6	0.6	72.0	F
40	67.0-68.3	<0.1	<0.1	0.6	3.4	54.3	
41	68.3-69.7	0.2	0.2	0.8	2.6	51.7	
42	4169.7-71.6	0.7	0.5	0.5	1.9	54.8	F
43	4171.6-73.0	72	0.1	4.2	6.8	49.8	F
44	73.0-74.7	0.3	0.2	6.9	6.4	59.2	F
45	4174.7-76.0	1.0	0.3	4.0	1.3	45.4	F
46	76.0-77.6	0.1	0.1	5.7	4.2	52.3	
47	4177.6-79.0	0.2	<0.1	4.2	13.7	42.5	
48	79.0-80.6	<0.1	<0.1	0.3	0.0	70.7	
49	4180.6-82.4	<0.1	<0.1	0.4	0.0	82.8	
50	4182.4-84.0	<0.1	<0.1	0.3	0.0	76.7	
51	84.0-85.0	<0.1	<0.1	0.5	0.0	82.3	
52	85.0-86.3	0.1	<0.1	1.1	3.6	80.3	
53	4186.3-88.0	<0.1	<0.1	0.8	1.2	85.2	
54	88.0-89.9	<0.1	<0.1	1.2	8.9	79.2	F
55	4189.9-91.6	0.1	0.1	1.8	5.1	69.4	F
56	4191.6-93.1	0.1	0.1	4.0	9.3	55.5	F
57	93.1-94.7	<0.1	<0.1	2.9	13.0	48.5	
58	4194.7-96.3	0.1	<0.1	1.1	1.9	68.8	
59	4196.3-98.0	<0.1	0.1	5.9	17.8	15.3	
60	98.0-99.0	<0.1	0.1	1.2	22.9	38.5	
61	99.0-00.0	<0.1	0.1	6.2	7.7	40.4	
62	4200.0-01.8	<0.1	<0.1	3.0	8.7	46.8	F
63	4201.8-03.3	0.2	<0.1	2.5	7.8	74.0	F
64	03.3-04.5	0.6	0.4	3.3	16.5	61.8	F
65	4204.5-06.3	<0.1	<0.1	1.6	7.3	83.0	F
66	4206.3-08.0	0.3	0.2	3.0	18.7	69.0	F
67	08.0-09.2	0.3	0.3	3.9	4.3	75.3	F
68	09.2-10.7	0.1	0.1	5.4	11.1	61.5	
69	4210.7-12.3	1.9	0.2	6.8	15.0	61.3	F
70	4212.3-13.0	<0.1	<0.1	3.2	7.4	41.3	F
71	13.0-15.6	<0.1	<0.1	5.0	7.8	66.2	F
72	4215.6-17.2	0.1	0.1	2.9	9.6	71.8	F
73	17.2-18.6	0.2	0.1	3.2	7.0	79.8	F
74	4218.6-20.0	0.1	<0.1	1.9	13.8	73.8	F
75	20.0-22.0	<0.1	<0.1	0.9	6.4	74.5	F
76	4222.0-24.0	<0.1	<0.1	1.1	12.3	68.0	F
77	4224.0-26.0	0.1	<0.1	2.7	10.4	79.2	F
78	4226.0-27.5	0.1	<0.1	2.9	16.4	49.2	F
79	4227.5-29.0	101	1.0	1.7	13.4	57.0	F
80	29.0-30.8	0.1	<0.1	1.8	11.0	55.1	
81	4230.8-32.0	<0.1	<0.1	2.2	13.8	60.9	
82	32.0-33.5	<0.1	<0.1	1.8	1.6	80.8	
83	4233.5-35.0	<0.1	<0.1	0.9	16.7	55.5	
84	35.0-36.7	0.2	0.2	1.5	3.3	84.3	F
85	4236.7-38.5	0.1	<0.1	2.8	7.2	73.3	
86	4238.5-40.0	<0.1	<0.1	1.2	0.0	94.0	
87	40.0-41.5	<0.1	<0.1	1.5	8.6	86.2	F
88	4241.5-43.0	<0.1	<0.1	1.7	8.1	73.2	
89	43.0-44.3	<0.1	<0.1	0.9	7.7	69.2	
90	44.3-45.5	<0.1	<0.1	1.0	7.0	82.2	
91	4245.5-47.2	<0.1	<0.1	1.7	1.2	83.8	
92	47.2-48.7	<0.1	<0.1	0.9	1.1	54.6	
93	4248.7-50.0	<0.1	<0.1	1.9	17.4	73.2	
94	50.0-51.0	<0.1	<0.1	1.8	3.3	92.8	
95	51.0-52.6	0.1	<0.1	1.9	2.7	94.3	F
96	4252.6-54.1	<0.1	<0.1	0.9	8.5	76.7	F
97	4254.1-56.0	<0.1	<0.1	1.5	9.9	83.0	
98	4283.0-84.7	<0.1	<0.1	2.8	0.4	78.3	
99	4284.7-86.1	0.8	0.1	6.3	3.5	61.5	
100	86.1-87.7	0.5	0.3	5.7	1.7	58.8	F
101	4287.7-88.9	<0.1	<0.1	2.9	4.8	69.7	
102	88.9-90.7	2.5	0.3	7.4	8.1	52.3	F
103	4290.7-92.0	1.0	0.5	7.1	6.1	51.0	F
104	92.0-93.7	16	8.7	5.8	9.0	40.5	F
105	4293.7-95.3	1.9	0.7	7.0	8.1	35.3	F
106	4295.3-97.0	2.7	0.7	7.9	5.6	49.2	F
107	97.0-98.8	0.4	0.3	5.3	10.0	40.0	F
108	4298.8-00.0	0.2	0.1	4.9	9.9	37.4	F
109	4300.0-01.0	1.0	2.6	6.6	9.9	33.4	F
110	01.0-02.0	0.3	0.2	6.2	13.6	33.9	
111	02.0-03.5	0.1	<0.1	5.1	6.0	54.8	F
112	4301.5-05.0	4.4	1.5	9.8	14.9	26.7	F
113	05.0-06.7	0.9	0.6	12.1	11.7	41.4	F
114	4306.7-08.0	0.8	0.6	11.6	12.3	38.1	F
115	08.0-09.4	0.6	0.4	10.7	19.3	37.4	F
116	4309.4-11.0	0.3	0.2	9.2	8.1	49.2	F
117	11.0-12.5	0.6	0.4	9.7	6.6	53.7	F
118	4312.5-14.0	<0.1	<0.1	3.1	7.3	58.7	
119	14.0-15.8	<0.1	<0.1	0.5	0.0	80.4	F
120	4315.8-17.5	25	<0.1	0.6	0.0	75.4	F
121	4317.5-18.8	0.1	<0.1	3.3	2.7	46.8	F
122	18.8-20.0	<0.1	<0.1	4.1	0.1	66.7	F

TOTAL WATER — PERCENT PORE SPACE 75 50 25
OIL SATURATION — PERCENT PORE SPACE 25 50 75
PERMEABILITY — MILLIDARCYS 10 5
POROSITY — PERCENT 10 5

Well #20-06

Completion Date: 01-07-66

Completion Interval: 4114'-4317'

Perfs:
4114', 4128', 4138', 4178', 4179', 4180', 4182', 4205', 4216', 4220', 4222', 4223', 4237', 4294', 4295', 4300', 4301', 4305', 4311', 4312', 4312½', 4313', 4314', 4314½', 4315', 4316', 4317' (1 JSPF)

Initial Treatment:
Acid 2000 G
Frac 50000 #

Initial Potential:
P 194 BOPD
- MCFGPD
55 BWPD

Cumulative Recovery to January 1, 1989:
Oil 25,505
Gas 71,014
Wat 14,729

Proposed Jennifer Chaveroo San Andres Unit
Form C-108 Exhibit VIII.C. - Core Data - "Completion Coregraph" for Homme Federal Well #3 (#20-06) located within Unit boundary.

Well #33-11

Completion Date: 06/27/65

Completion Interval: 4218'- 4419'

Perfs:
4408', 4413', 4419', 4218', 4246', 4251', 4276', 4295', 4307', 4314', 4223', 4330', 4338', 4369'

Initial Treatment:
Acid 2000 G
Frac 30000 #

Initial Potential:
F 288 BOPD
334 MCFGPD
N/A BWPD

Cumulative Recovery to January 1, 1989:

Oil 67,376 BBL
Gas 68,549 MCF
Wat 96,555 BBL

CORE LABORATORIES, INC. *Petroleum Reservoir Engineering*

COMPANY SUNRAY D-X OIL COMPANY — FILE NO. WP-3-2535
WELL STATE "AZ" NO. 2 — DATE 6-15-65 — ENGRS. BOONE
FIELD CHAVEROO — FORMATION SAN ANDRES — ELEV. 4426' KB
COUNTY ROOSEVELT — STATE NEW MEXICO — DRLG. FLD. WATER BASE MUD — CORES DIAMOND 3 1/2"
LOCATION 1980' FS & 1940 FWL SEC 33-T7S-R33E — REMARKS SAMPLED AS DIRECTED BY CLIENT

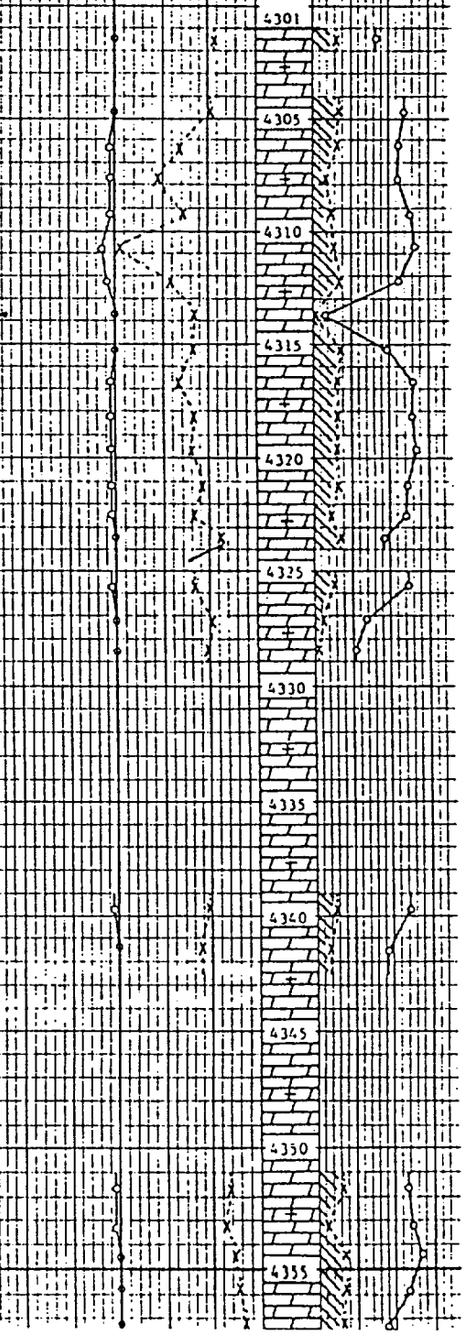
COMPLETION COREGRAPH

SAND · LIMESTONE · CONGLOMERATE · CHERT · ANHYDRITE · SHALE · DOLOMITE · OOLITES

SAMPLE CHARACTERISTICS F:Fractured L:Laminated FG; MG; CG:Type Grain Size S:Stylolitic V:Vuggy — PROBABLE PRODUCTION O:Oil W:Water G:Gas T:Transitional

SAMPLE NUMBER	DEPTH FEET	PERMEABILITY, MD * = Horizontal Perm Plug HORIZONTAL MAX.	90	POROSITY %	RESIDUAL SATURATION % PORE SPACE OIL	TOTAL WATER	
		WHOLE CORE ANALYSIS					
1	4301.0-02.0	<0.1	<0.1	4.3	15.9	58.0	
2	4302.0-05.5	<0.1	<0.1	4.2	17.7	40.0	F
3	4305.5-07.0	0.2	0.2	8.2	16.1	43.8	F
4	07.0-08.5	0.4	0.3	10.5	9.6	44.6	
5	4308.5-10.0	0.1	<0.1	7.9	12.2	36.8	F
6	10.0-11.5	1.2	0.9	14.3	14.6	34.0	
7	4311.5-13.0	0.8	0.5	9.1	17.6	44.0	F
8	13.0-14.6	<0.1	<0.1	6.6	1.1	92.1	
9	4314.6-16.0	<0.1	<0.1	6.9	18.2	51.7	F
10	16.0-17.6	0.1	0.1	8.3	16.6	35.0	F
11	4317.6-19.0	0.1	<0.1	6.3	15.3	35.2	F
12	19.0-20.6	0.1	0.1	7.0	15.3	32.2	F
13	4320.6-22.0	0.1	<0.1	5.9	15.5	39.2	F
14	22.0-23.0	0.1	<0.1	6.2	11.3	40.0	F
15	23.0-24.0	<0.1	<0.1	3.8	18.0	63.7	F
16	4325.0-26.6	0.1	<0.1	6.8	13.3	38.6	F
17	4326.6-28.0	<0.1	<0.1	4.7	5.6	66.3	
18	28.0-29.0	<0.1	<0.1	5.1	0.6	71.5	
19	4339.0-40.6	0.3	0.2	5.3	13.3	39.6	
20	4340.6-42.5	<0.1	<0.1	6.1	9.2	54.2	F
21	4351.0-52.4	0.2	0.2	3.1	16.4	41.6	
22	4352.4-53.8	0.2	<0.1	3.7	6.0	39.3	
23	53.8-55.2	<0.1	<0.1	2.7	17.8	32.2	
24	55.2-56.6	<0.1	<0.1	2.4	12.3	41.3	F

PERMEABILITY MILLIDARCYS 10 5 — POROSITY PERCENT 10 5 — TOTAL WATER PERCENT PORE SPACE 75 50 25 — OIL SATURATION PERCENT PORE SPACE 25 50 75



Proposed Jennifer Chaveroo San Andres Unit
Form C-108 Exhibit VIII.C. - Core Data - "Completion Coregraph" for State "AZ" Well #2 (#33-11) located within close proximity of Unit boundary.

EXHIBIT VIII.D.
TABULATED SUMMARY OF GEOLOGICAL DATA

EXHIBIT VIII.D.
Tabulated Summary of Geological Data for Wells within Proposed Unit Area
PROPOSED JENNIFER CHAVEROO SAN ANDRES UNIT
Roosevelt County, New Mexico

CHL = Cased Hole Log
BHCS = Borehole Compensated Sonic Log
NDE = Not Deep Enough
GRN = Gamma Ray Neutron

Operator / Lease	Original Well#/Unit	New Unit Well #	Elevation GRL	Elevation KB	Top P-1 Meas.	Top P-2 SubSea	Thickness P-1 to P-3
Sec. 25, T7S-R33E							
Murphy Operating Corp.							
State "J"	3A	25-01	4320	4330	4097	+ 233	-
State "J"	1B	25-02	4320	4331	4100	+ 231	-
State "DB"	3C	25-03	4321	4333	4082	+ 251	CHL
State "DB"	1D	25-04	4324	4335	4072	+ 263	CHL
State "DB"	2E	25-05	4325	4336	4084	+ 252	CHL
State "DB"	5F	25-06	4319	4330	4102	+ 228	CHL
State "J"	2G	25-07	4320	4331	4124	+ 207	-
State Conine	1H	25-08	4322	4332	4143	+ 189	207
State "DF"	1I	25-09	4315	4325	4172	+ 153	CHL
State "I"	1J	25-10	4324	4337	4141	+ 196	CHL
State "DB"	7K	25-11	4316	4327	4112	+ 215	CHL
State "DB"	4L	25-12	4327	4338	4100	+ 238	CHL
State "DB"	6M	25-13	4325	4336	4116	+ 220	CHL
State "DB"	8N	25-14	4323	4333	4135	+ 198	CHL
State "DB"	9O	25-15	4310	4329	4160	+ 169	CHL
State "J"	4P	25-16	4324	4335	4180	+ 155	-
Sec. 26, T7S-R33E							
Murphy Operating Corp.							
Federal "26"	7I	26-09	4335	4347	4085	+ 262	CHL
Federal "26"	5J	26-10	4343	4355	4084	+ 271	210
Federal "26"	3K	26-11	4366	4378	4096	+ 282	208
Federal "26"	2L	26-12	4373	4385	4096	+ 289	214
Federal "26"	1M	26-13	4381	4388	4114	+ 274	216
Federal "26"	4N	26-14	4365	4374	4102	+ 272	216
Federal "26"	6O	26-15	4347	4354	4092	+ 262	216
Federal "26"	8P	26-16	4339	4346	4098	+ 248	217
Sec. 35, T7S-R33E							
Murphy Operating Corp.							
Hobbs "T"	17A	35-01	4333	4345	4118	+ 227	232
State "CV"	2B	35-02	4361	4370	4110	+ 260	Sonic Log
Hobbs "T"	16C	35-03	4366	4378	4108	+ 270	216
Shackelford	1D	35-04	4380	4391	4120	+ 270	220
State "DA"	1E	35-05	4368	4378	4126	+ 252	206
State Section 35	3F	35-06	4369	4379	4130	+ 249	210
State Section 35	4G	35-07	4361	4371	4126	+ 245	214
State Section 35	5H	35-08	4337	4348	4132	+ 216	210
State "CV"	3I	35-09	4345	4354	4146	+ 208	Latero Log
Hobbs "T"	14J	35-10	4347	4358	4135	+ 223	211
State "CV"	1K	35-11	4358	4367	4118	+ 249	212
State Section 35	1L	35-12	-	4378	4133	+ 245	211
State Section 35	2M	35-13	4363	4374	4131	+ 243	212
State "DE"	1N	35-14	4360	4370	4134	+ 236	216
Hobbs "T"	18O	35-15	4351	4363	4146	+ 217	214
Hobbs "T"	19P	35-16	4343	4355	4162	+ 193	216
Sec. 36, T7S-R33E							
Murphy Operating Corp.							
State Section 36	1B	36-02	4323	4334	4180	+ 154	212
State "K"	3C	36-03	4325	4335	4155	+ 180	-
State "K"	1D	36-04	4330	4340	4134	+ 206	219
State "K"	2E	36-05	4331	4341	4154	+ 187	BHCS
State "K"	6F	36-06	4324	4333	4178	+ 155	BHCS
State Section 36	1G	36-07	4321	4331	4208	+ 123	210 GRN
State "K"	7K	36-11	4331	4341	4188	+ 153	BHCS
State "K"	4L	36-12	4336	4345	4172	+ 173	BHCS
State "K"	5M	36-13	4337	4346	4188	+ 158	BHCS

EXHIBIT VIII.D.

EXHIBIT VIII.D.
Tabulated Summary of Geological Data for Wells within Proposed Unit Area
PROPOSED JENNIFER CHAVEROO SAN ANDRES UNIT
Roosevelt County, New Mexico

CHL = Cased Hole Log
BHCS = Borehole Compensated Sonic Log
NDE = Not Deep Enough
GRN = Gamma Ray Neutron

Operator / Lease	Original Well#/Unit	New Unit Well #	Elevation GRL	Elevation KB	Top P-1 Meas.	Top P-2 SubSea	Thickness P-1 to P-3
Sec. 18, T7S-R34E							
Murphy Operating Corp.							
Wolf Federal	3O	18-15					
Sec. 19, T7S-R34E							
Murphy Operating Corp.							
Wolf Federal	4A	19-01	4316	4325	4020	+ 305	CHL
Wolf Federal	2B	19-02	4318	4329	4020	+ 309	CHL
Federal "19"	2C	19-03	4320	4330	4016	+ 314	198
Federal "19"	1F	19-06	4321	4332	4046	+ 286	CHL
Wolf Federal	1G	19-07	4318	4328	4042	+ 286	CHL
Wolf Federal	5H	19-08	4316	4325	4040	+ 285	CHL
State "G"	5I	19-09	4314	4323	4072	+ 251	CHL
State "G"	3J	19-10	4320	4328	4065	+ 263	CHL
State "G"	1K	19-11	4318	4327	4048	+ 279	208
State "G"	2N	19-14	4319	4328	4080	+ 248	CHL
State "G"	4O	19-15	4315	4325	4080	+ 245	CHL
State "G"	6P	19-16	4312	4322	4091	+ 231	CHL
Sec. 20, T7S-R34E							
Murphy Operating Corp.							
Homme Federal	2C	20-03	4312	4323	4030	+ 293	208
Homme Federal	1E	20-05	4313	4324	4036	+ 288	CHL
Homme Federal	3F	20-06	4310	4320	4056	+ 264	Laterolog
State "20"	3K	20-11	4312	4323	4113	+ 210	-
State "20"	1L	20-12	4315	4326	4060	+ 266	195
State "20"	2M	20-13	4312	4324	4100	+ 224	CHL
State "20"	4N	20-14	4309	4320	4168	+ 152	-
Sec. 29, T7S-R34E							
Murphy Operating Corp.							
Hobbs "W"	8C	29-03	4309	4319	4170	+ 149	197
Hobbs "W"	6D	29-04	4311	4322	4118	+ 204	202
Hobbs "W"	7E	29-05	4308	4319	4172	+ 147	CHL
Hobbs "W"	9F	29-06	4309	4320	4252	+ 68	-
Sec. 30, T7S-R34E							
Murphy Operating Corp.							
Hobbs "W"	2A	30-01	4313	4323	4114	+ 209	202
Hobbs "W"	1B	30-02	4313	4324	4109	+ 215	205
State "V"	1C	30-03	4317	4327	4113	+ 214	201
State "V"	2F	30-06	4312	4322	4154	+ 168	-
Hobbs "W"	3G	30-07	-	4322	4144	+ 178	204
Hobbs "W"	4H	30-08	4309	4320	4155	+ 165	205
State "V"	4I	30-09	4310	4320	4189	+ 131	CHL
Hobbs "W"	5J	30-10	4312	4323	4187	+ 136	157
State "V"	3K	30-11	4315	4325	4176	+ 149	204

Exhibit VIII.D.
Tabulated Summary of Geological Data for Wells Outside Proposed Unit Area but within Area of Review.*
PROPOSED JENNIFER CHAVEROO SAN ANDRES UNIT
Roosevelt County, New Mexico

CHL = Cased Hole Log
BHC-S = Borehole Compensated Sonic Log
NDE = Note Deep Enough
GR-N = Gamma Ray Neutron

Operator / Lease	Original Well#/Unit	Elevation GRL	Elevation KB	Top P-1 Meas.	Top P-2 SubSea	Thickness P-1 to P-3
Sec. 13, T7S-R33E						
Mims Texas Oil & Gas, Inc.						
Morgan Fed. Tract 4	5I	325	4336	3973	+ 363	197
Morgan Fed. Tract 4	6J	4328	4339	3982	+ 357	197
Morgan Fed. Tract 4	3O	4328	4338	3982	+ 356	198
Morgan Fed. Tract 4	4P	4327	4338	3984	+ 354	196
Sec. 23, T7S-R33E						
Mims Texas Oil & Gas, Inc.						
Federal 23	8I	4336	4344	4034	+ 310	204
Federal 23	7J	4342	4353	4037	+ 316	CHL
Federal 23	3O	4345	4352	4040	+ 312	206
Federal 23	4P	4335	4343	4040	+ 303	198
Sec. 24, T7S-R33E						
Mims Texas Oil & Gas, Inc.						
Federal	8A	4322	4334	4004	+ 330	CHL
Federal	7B	4323	4335	4001	+ 334	CHL
Federal	5H	4321	4333	4030	+ 303	CHL
Milford Pipe & Supply						
Bradley	3I	4321	4332	4046	+ 286	CHL
Mims Texas Oil & Gas, Inc.						
Federal	2J	-	4341	4052 -	+ 289	CHL
Federal	1K	4324	4336	4030	+ 306	CHL
Milford Pipe & Supply						
Coleman	2L	4326	4334	4027	+ 307	CHL
Coleman	1M	4328	4340	4058	+ 282	202
Bradley	1N	4323	4333	4053	+ 280	CHL
Bradley	2O	4321	4332	4073	+ 259	205
Bradley	4P	4323	4334	4078	+ 256	202
Sec. 26, T7S-R33E						
Dalport Oil Corp.						
Federal	3A	4337	4346	4064	+ 282	210
Mims Texas Oil & Gas, Inc.						
Morgan Fed. Tract 2	6B	4343	4353	4057	+ 296	206
Morgan Fed. Tract 2	5C					
Morgan Fed. Tract 2	4D					
Morgan Fed. Tract 2	1E					
Morgan Fed. Tract 2	2F					
Morgan Fed. Tract 2	3G	4343	4353	4076	+ 277	210
Dalport Oil Corp.						
Federal	4H	4336	4345	4075	+ 270	CHL
Sec. 27, T7S-R33E						
Mims Texas Oil & Gas, Inc.						
Federal 27	3A					
Federal 27	1-22B					
Federal 27	2G					
Federal 27	1H					
Morgan Fed. Tract 1	6I	4378	4389	4100	+ 289	210
Morgan Fed. Tract 1	5J	4388	4399	4106	+ 293	214
Morgan Fed. Tract 1	2O	4400	4412	4120	+ 292	212
Morgan Fed. Tract 1	3P	4420	4431	4121	+ 310	214

* Within one-half (½) mile of Unit Boundary.

Exhibit VIII.D.
Tabulated Summary of Geological Data for Wells Outside Proposed Unit Area
but within Area of Review.*
PROPOSED JENNIFER CHAVEROO SAN ANDRES UNIT
Roosevelt County, New Mexico

CHL = Cased Hole Log
BHC-S = Borehole Compensated Sonic Log
NDE = Not Deep Enough
GR-N = Gamma Ray Neutron

Operator / Lease	Original Well#/Unit	Elevation GRL	Elevation KB	Top P-1 Meas.	Top P-2 SubSea	Thickness P-1 to P-3
Sec. 34, T7S-R33E						
Murphy Operating Corp.						
State "AZ"	13A					
State "AZ"	12B					
Hobbs "T"	10G					
State "AZ"	14H					
Hobbs "T"	12I					
Hobbs "T"	8J					
Hobbs "T"	15O					
State "AZ"	15P					
Sec. 16, T7S-R34E						
Murphy H. Baxter						
Smelting State	1M	4306	4317	4326	+ 91	Sonic Log
Sec. 17, T7S-R34E						
Kern County Land Co.						
Sieber	1C					
NRM Petroleum Corp.						
Sieber	1F					
NRM Petroleum Corp.						
Metzger	1J	4314	4325	4094	+ 231	-
Kern County Land Co.						
Archer	1K					
NRM Petroleum Corp.						
Archer	2L					
Cities Service Oil Co.						
Davis "A"	1M	4314	4325	4010	+ 315	-
NRM Petroleum Corp.						
Archer	1N	4318	4329	4016	+ 313	-
NRM Petroleum Corp.						
Metzger	8O					
NRM Petroleum Corp.						
Metzger	7P					
Sec. 21, T7S-R34E						
JEM Petroleum Corp.						
Dilly	1L	4301	4312	4310	+ 002	196
Sec. 32, T7S-R34E						
Charles B. Read						
Sinclair "B"	1B	4314	4324	4372	- 48	204
Sec. 1, T8S-R33E						
Kerr-McGee Corp.						
State "C"	5C	4336	4347	4212	+ 135	213
State "C"	4D	4339	4351	4189	+ 162	203
State "FU"	9E	4338	4350	4186	+ 164	CHL

* Within one-half (½) mile of Unit Boundary.

Exhibit VIII.D.
Tabulated Summary of Geological Data for Wells Outside Proposed Unit Area
but within Area of Review.*
PROPOSED JENNIFER CHAVEROO SAN ANDRES UNIT
Roosevelt County, New Mexico

CHL = Cased Hole Log
BHCS = Borehole Compensated Sonic Log
NDE = Not Deep Enough
GR-N = Gamma Ray Neutron

Operator / Lease	Original Well#/Unit	Elevation GRL	Elevation KB	Top P-1 Meas.	Top P-2 SubSea	Thickness P-1 to P-3
Sec. 2, T8S-R33E						
Kerr-McGee Corp.						
State "C"	2A	4344	4356	4172	+ 184	214
State "C"	1B	4352	4363	4153	+ 210	-
State "F"	2C	4356	4366	4157	+ 209	NDE
State "F"	14C	4366	4377	4150	+ 227	204
State "F"	1D	4371	4381	4153	+ 228	NDE
State "F"	3E	4367	4377	4154	+ 223	205
State "F"	4F	4362	4371	4159	+ 212	204
Champlin Petroleum Co.						
Levick State 2	1G	4351	4363	4168	+ 195	CHL
Kerr-McGee Corp.						
State "C"	3H	4346	4358	4180	+ 178	-
Sec. 3, T8S-R33E						
Murphy Operating Corp.						
State "BF"	1A	4379	4389	4158	+ 231	210
State "BF"	2B	4385	4395	4174	+ 221	207
State "BF"	6G	4388	4399	4179	+ 220	215
State "BF"	4H	4376	4388	4170	+ 218	205

* Within one-half (½) mile of Unit Boundary.

EXHIBITS VIII.E. THROUGH VIII.G.
SEE ENCLOSED MAPS

EXHIBIT VIII.H.
DERIVATION CHART
TRACT PARTICIPATION FACTORS

EXHIBIT VIII.H.
PROPOSED JENNIFER SAN ANDRES UNIT
Derivation of Tract Participation Factors

(08/15/89)

Tract	Lease Name	Original Well Number	Well Location	Well Status	Unit Well Number	A Useable Wells Number	%	x 15%	B Total Primary Oil Recovery to January 1, 1989 BBLS*	100%	x 80%	C Acreage Number	%	x 5%	Tract Participation Factor
1.	Federal 26	1M	26 7S 33E	S	26-13	1			62,819						
		2L	26 7S 33E	P	26-12	1			71,687						
		3K	26 7S 33E	P	26-11	1			64,475						
		4N	26 7S 33E	S	26-14	1			65,965						
		5J	26 7S 33E	P	26-10	1			62,823						
		6O	26 7S 33E	S	26-15	1			64,066						
		7I	26 7S 33E	P	26-09	1			63,263						
		8P	26 7S 33E	P	26-16	1			70,685						
						8	11.267606	1.690141	525,783	10.594641	8.475713	320.00	6.217214	0.310861	10.476715
2.	Homme Federal	1E	20 7S 34E	S	20-05	1			62,290						
		2C	20 7S 34E	S	20-03	1			27,465						
		3F	20 7S 34E	S	20-06	1			25,505						
						3	4.225352	0.633803	115,260	2.322514	1.858011	480.00	9.325821	0.466291	2.958105
3.	Wolf Federal	1G	19 7S 34E	P	19-07	1			32,250						
		2B	19 7S 34E	P	19-02	1			27,113						
		3O	18 7S 34E	S	18-15	1			32,687						
		4A	19 7S 34E	P	19-01	1			28,695						
		5H	19 7S 34E	S	19-08	1			37,670						
						5	7.042254	1.056338	158,415	3.192096	2.553677	659.16	12.806684	0.640334	4.250349
4.	Federal 19	1F	19 7S 34E	A	19-06	0			15,554						
		2C	19 7S 34E	A	19-03	0			7,997						
						0	0.000000	0.000000	23,551	0.474558	0.379646	90.77	1.763552	0.088178	0.467824
5.	State DB	1D	25 7S 33E	S	25-04	1			70,715						
		2E	25 7S 33E	S	25-05	1			79,087						
		3C	25 7S 33E	P	25-03	1			147,639						
		4L	25 7S 33E	A	25-12	0			76,257						
		5F	25 7S 33E	I	25-06	1			73,421						
		6M	25 7S 33E	I	25-13	1			70,955						
		7K	25 7S 33E	P	25-11	1			76,711						
		8N	25 7S 33E	A	25-14	0			55,065						
		9O	25 7S 33E	P	25-15	1			64,017						
	State DF	1I	25 7S 33E	SWD	25-09	1			26,633						
						8	11.267606	1.690141	740,500	14.921235	11.936988	400.00	7.771517	0.388576	14.015705

Tract Participation Formula
Tract Participation = 15% A + 80% B + 5% C
Where A = Percent of Total Useable Wells in Unit Area.
Where B = Percent of Total Primary Oil Recovery in Unit Area as of January 1, 1989.
Where C = Total Unit Acreage.

LEGEND
A Permanently Abandoned
F Flowing
I Injection
S Shut In
F Flowing

*Based upon the 1988 Annual Report of the New Mexico Oil & Gas Engineering Committee.

EXHIBIT VIII.H.

(08/15/89)

Tract	Lease Name	Original Well Number	Well Location	Well Status	Unit Well Number	A Useable Wells Number	%	x	15%	B Total Primary Oil Recovery to January 1, 1989 BBLS*	100%	x	80%	C Acreage Number	%	x	5%	Tract Participation Factor
6.	State J	1B	25 7S 33E	P	25-02	1				73,707								
		2G	25 7S 33E	A	25-07	0				47,492								
		3A	25 7S 33E	P	25-01	1				52,490								
		4P	25 7S 33E	P	25-16	1				23,528								
						3	4.225352		0.633803	197,217	3.973965		3.179172	160.00	3.108607		0.155430	3.968405
7.	State Conine	1H	25 7S 33E	A	25-08	0	0.000000		0.000000	39,758	0.801132		0.640906	40.00	0.777152		0.038858	0.679764
8.	State I	1J	25 7S 33E	P	25-10	1	1.408451		0.211268	53,127	1.070521		0.856417	40.00	0.777152		0.038858	1.106543
9.	State DA	1E	35 7S 33E	S	35-05	1				42,792								
	and	1N	35 7S 33E	S	35-14	1				58,153								
	State DE					2	2.816901		0.422535	100,945	2.034064		1.627251	80.00	1.554303		0.077715	2.127501
10.	Hobbs T	14J	35 7S 33E	P	35-10	1				140,139								
		16C	35 7S 33E	P	35-03	1				94,174								
		17A	35 7S 33E	P	35-01	1				114,624								
		18O	35 7S 33E	P	35-15	1				103,771								
		19P	35 7S 33E	P	35-16	1				103,495								
						5	7.042254		1.056338	556,203	11.207610		8.966088	200.00	3.885759		0.194288	10.216714
11.	State CV	1K	35 7S 33E	P	35-11	1				120,660								
		2B	35 7S 33E	S	35-02	1				159,554								
		3I	35 7S 33E	P	35-09	1				167,096								
						3	4.225352		0.633803	447,310	9.013393		7.210714	120.00	2.331455		0.116573	7.961090
12.	Shackelford	1D	35 7S 33E	S	35-04	1	1.408451		0.211268	81,728	1.646837		1.317470	40.00	0.777152		0.038858	1.567596
13.	State Sec. 35	1L	35 7S 33E	P	35-12	1				68,993								
	and	2M	35 7S 33E	P	35-13	1				44,151								
	State Sec. 36	3F	35 7S 33E	P	35-06	1				70,037								
		4G	35 7S 33E	P	35-07	1				79,365								
		5H	35 7S 33E	P	35-08	1				102,078								
		1B	36 7S 33E	A	36-02	0				31,561								
		1G	36 7S 33E	SWD	36-07	1				444								
						6	8.450704		1.267606	396,629	7.992160		6.393728	480.00	9.325821		0.466291	8.127625

Tract Participation Formula
Tract Participation = 15% A + 80% B + 5% C
Where A = Percent of Total Useable Wells in Unit Area.
Where B = Percent of Total Primary Oil Recovery in Unit Area as of January 1, 1989.
Where C = Total Unit Acreage.

LEGEND

A Permanently Abandoned
F Flowing
I Injection
S Shut In
F Flowing

*Based upon the 1988 Jal Report of the New Mexico Oil & Gas Engineering Committee.

(08/15/89)

Tract	Lease Name	Original Well Number	Well Location	Well Status	Unit Well Number	A Useable Wells Number	A %	A x 15%	B Total Primary Oil Recovery to January 1, 1989 BBLS*	B 100%	B x 80%	C Acreage Number	C %	C x 5%	Tract Participation Factor
14.	State K	1D	36 7S 33E	P	36-04	1			77,262						
		2E	36 7S 33E	P	36-05	1			74,701						
		3C	36 7S 33E	P	36-03	1			120,329						
		4L	36 7S 33E	P	36-12	1			62,611						
		5M	36 7S 33E	P	36-13	1			81,027						
		6F	36 7S 33E	P	36-06	1			52,689						
		7K	36 7S 33E	P	36-11	1			29,142						
						7	9.859155	1.478873	497,761	10.029992	8.023994	360.00	6.994366	0.349718	9.852585
15.	State G	1K	19 7S 34E	S	19-11	1			29,473						
		2N	19 7S 34E	S	19-14	1			37,651						
		3J	19 7S 34E	S	19-10	1			24,987						
		4O	19 7S 34E	P	19-15	1			35,548						
		5I	19 7S 34E	S	19-09	1			30,678						
		6P	19 7S 34E	S	19-16	1			44,611						
						6	8.450704	1.267606	202,948	4.089446	3.271557	251.59	4.888090	0.244405	4.783568
16.	State 20	1L	20 7S 34E	A	20-12	0			61,425						
		2M	20 7S 34E	A	20-13	0			66,208						
		3K	20 7S 34E	A	20-11	0			46,572						
		4N	20 7S 34E	A	20-14	0			61,790						
						0	0.000000	0.000000	235,995	4.755350	3.804280	320.00	6.217214	0.310861	4.115141
17.	State 20 (Section 29)	--	--	-	--	0	0.000000	0.000000	0	0.000000	0.000000	160.00	3.108607	0.155430	0.155430
18.	Hobbs W	1B	30 7S 34E	P	30-02	1			51,082						
		2A	30 7S 34E	P	30-01	1			65,313						
		3G	30 7S 34E	P	30-07	1			69,741						
		4H	30 7S 34E	P	30-08	1			51,798						
		5J	30 7S 34E	S	30-10	1			44,321						
		6D	29 7S 34E	P	29-04	1			67,244						
		7E	29 7S 34E	S	29-05	1			68,701						
		8C	29 7S 34E	S	29-03	1			35,098						
		9F	29 7S 34E	I	29-06	1			0						
						9	12.676056	1.901408	453,298	9.134053	7.307242	680.00	13.211580	0.660579	9.869229

Tract Participation Formula
Tract Participation = 15% A + 80% B + 5% C
Where A = Percent of Total Useable Wells in Unit Area.
Where B = Percent of Total Primary Oil Recovery in Unit Area as of January 1, 1989.
Where C = Total Unit Acreage.

LEGEND
A = Permanently Abandoned
F = Flowing
I = Injection
S = Shut In
F = Flowing

*Based upon the 1988 ual Report of the New Mexico Oil & Gas gineering Committee.

(08/15/89)

Tract	Lease Name	Original Well Number	Well Location	Well Status	Unit Well Number	A Useable Wells Number	%	x	15%	B Total Primary Oil Recovery to January 1, 1989 BBLS*	100%	x	80%	C Acreage Number	%	x	5%	Tract Participation Factor
19.	State V	1C	30 7S 34E	P	30-03	1				46,952								
		2F	30 7S 34E	S	30-06	1				49,641								
		3K	30 7S 34E	S	30-11	1				19,839								
		4I	30 7S 34E	P	30-09	1				19,866								
						4	5.633802		0.845069	136,298	2.746433		2.197146	265.48	5.157954		0.257896	3.300111
				TOTALS		71	100.000000%		15.000000%	4,962,726	100.000000%		80.000000%	5,147.00	100.000000		5.000000	100.000000%

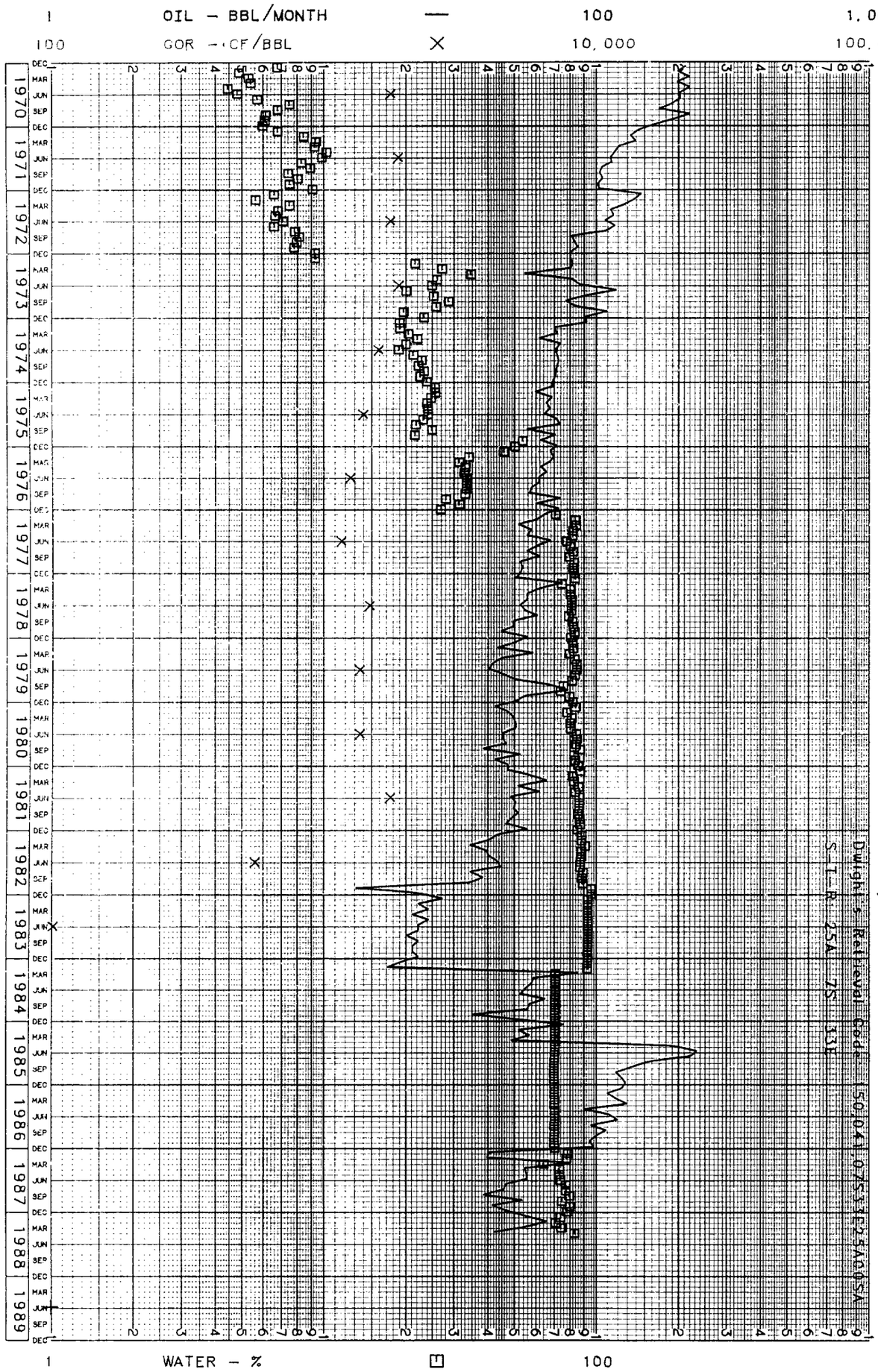
*Based upon the 1988 ual Report of the New Mexico Oil & Gas gineering Committee.

Tract Participation Formula
Tract Participation = 15% A + 80% B + 5% C
Where A = Percent of Total Useable Wells in Unit Area.
Where B = Percent of Total Primary Oil Recovery in Unit Area as of January 1, 1989.
Where C = Total Unit Acreage.

LEGEND

A	Permanently Abandoned
F	Flowing
I	Injection
S	Shut In
F	Flowing

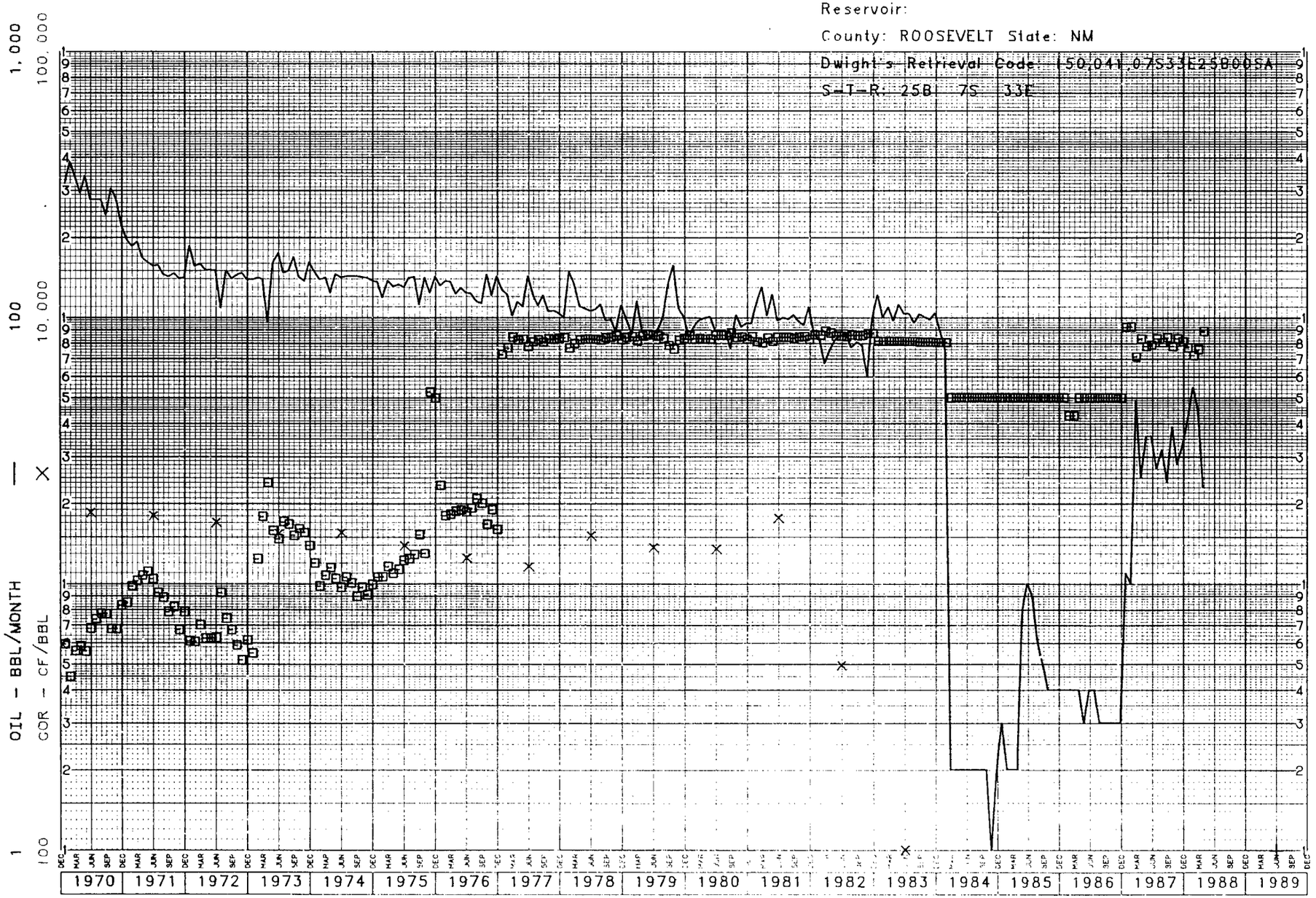
EXHIBIT VIII.I.1.
DECLINE CURVES -
WELLS LOCATED WITHIN UNIT AREA

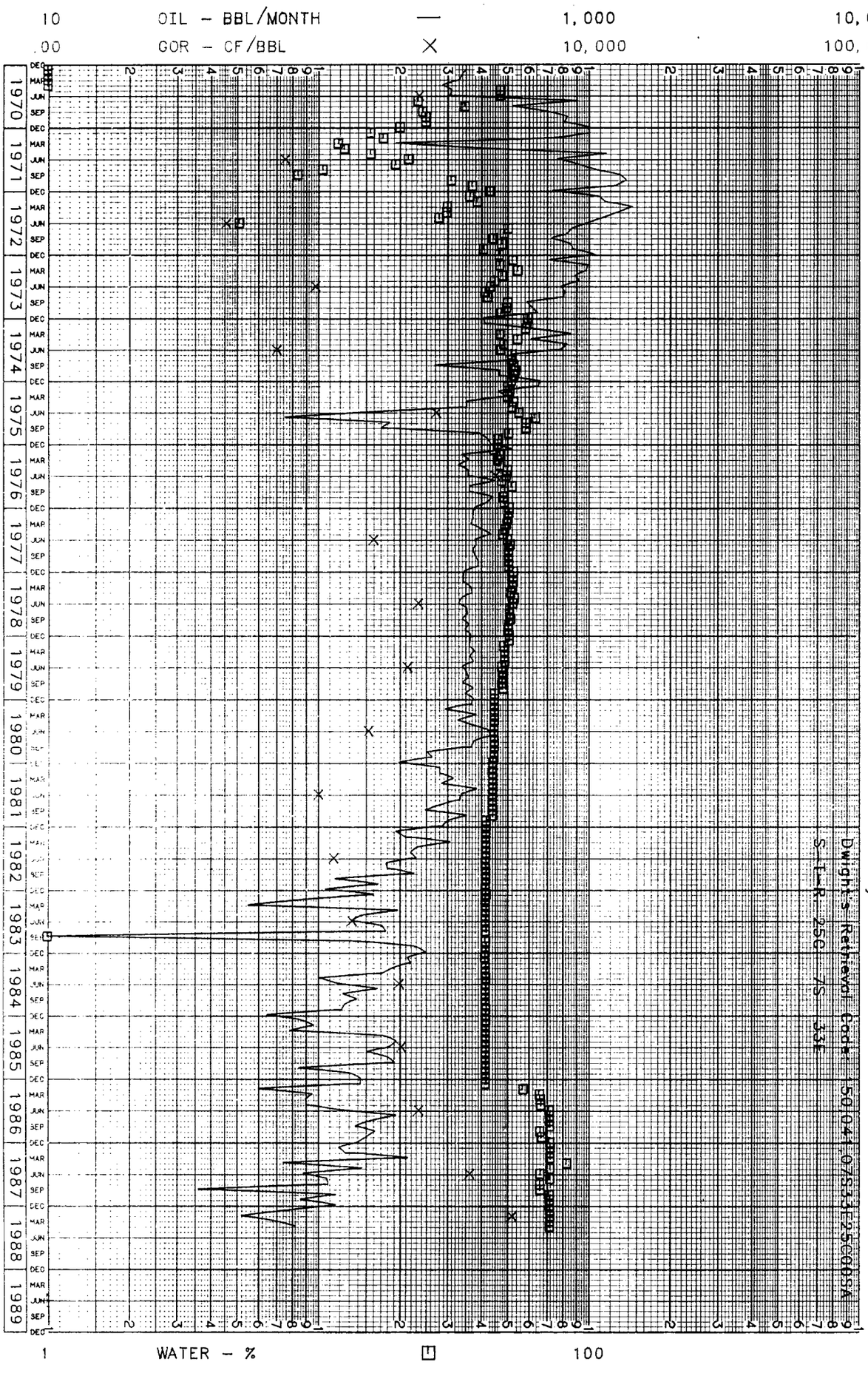


WELLS LOCATED WITHIN UNIT BOUNDARY

EXHIBIT VIII.1.1.

Operator: MYCO PETROLEUM
Lease: STATE J Well No: 000001
Field: CHAVEROO SAN ANDRES SA
Reservoir:
County: ROOSEVELT State: NM
Dwight's Retrieval Code: 150,041,07S33E25B00SA
S-T-R: 25B 7S 33E

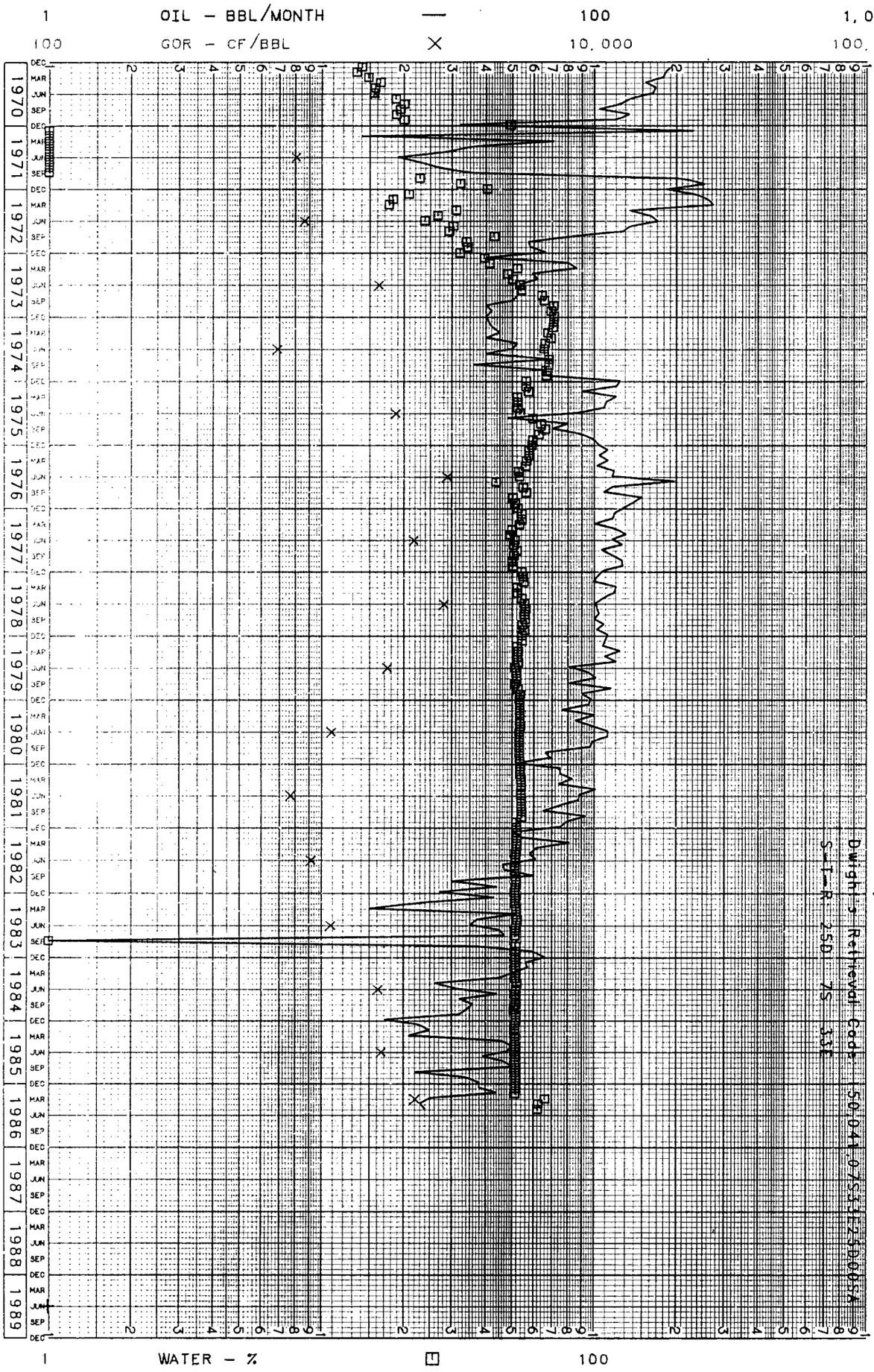




Operator: BRADEN DEEM INC
Lease: STATE DB Well No: 000003
Field: CHAVEROO SAN ANDRES
Reservoir:
County: ROOSEVELT State: NM
Dwight's Retrieval Code: 50-041-07534-E25C00SA
S-T-R 25C 7S 33E

SA

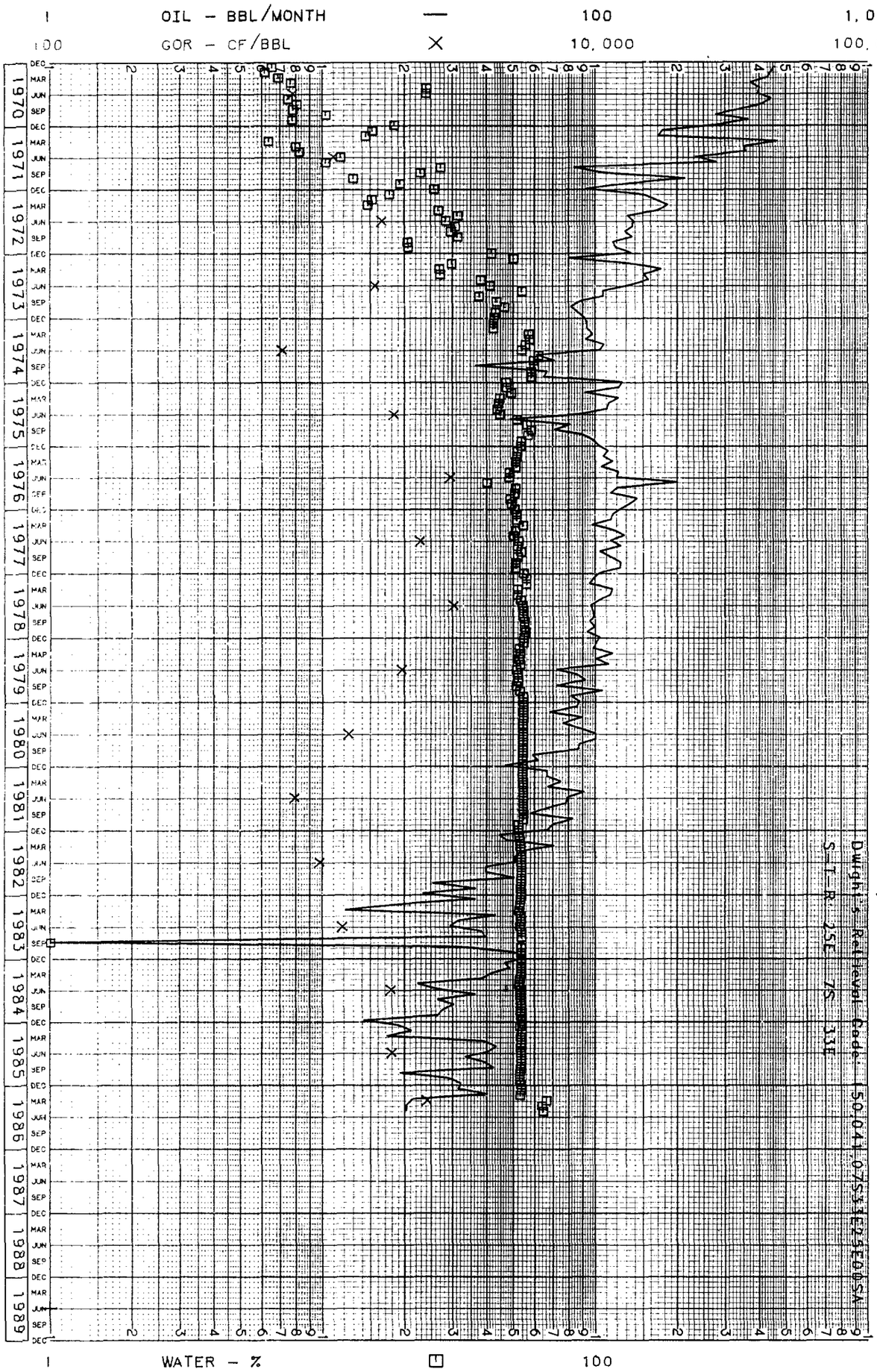
31



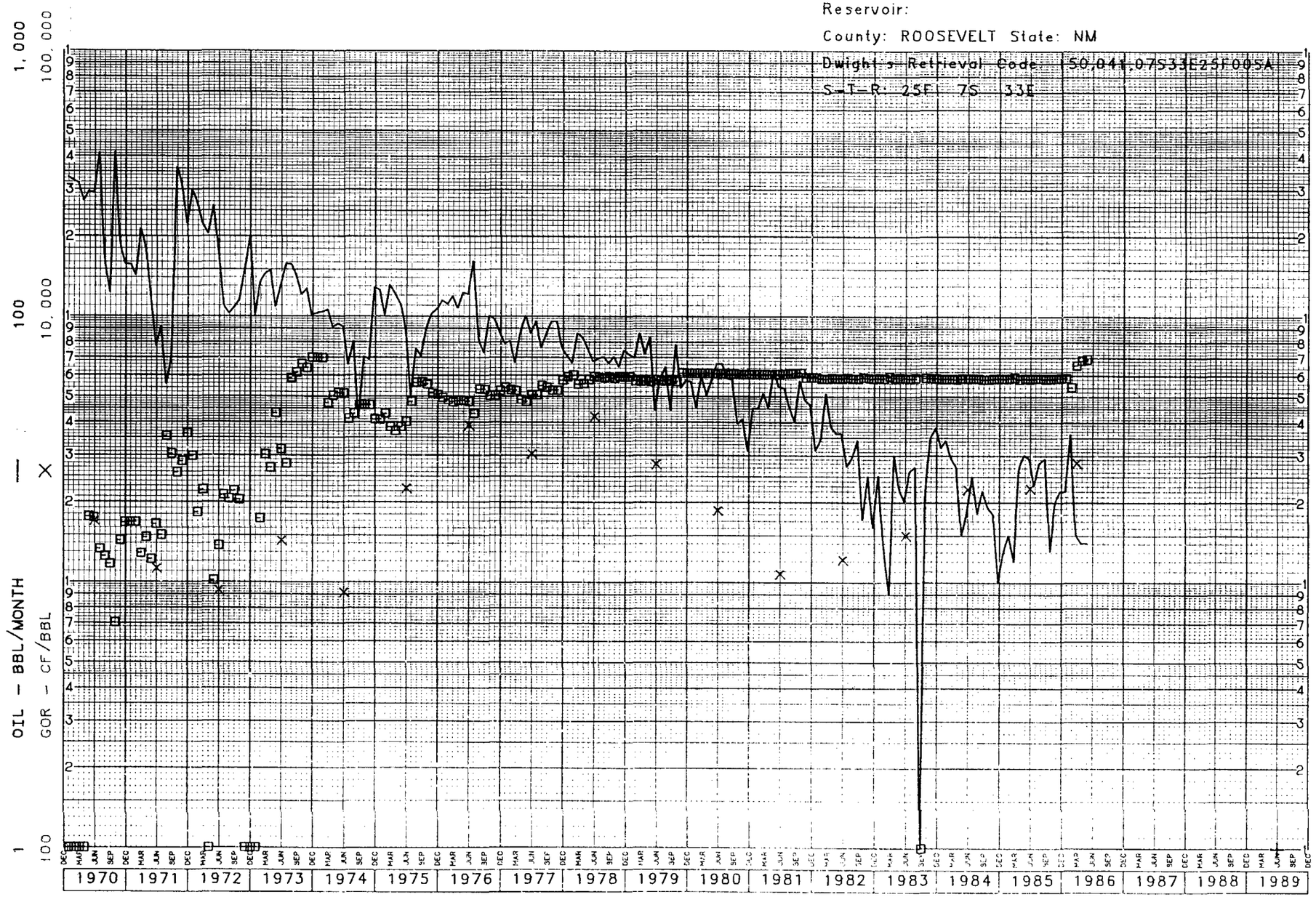
Operator: BRADEN DEEM INC
Lease: STATE DB Well No: 00001
Field: CHAVEROO SAN ANDRES
Reservoir:
County: ROOSEVELT State: NM
Dwight's Retrieval Code: 30-041-07S-33E-25.00SA
S-T-R 25D 7S 33E

SA

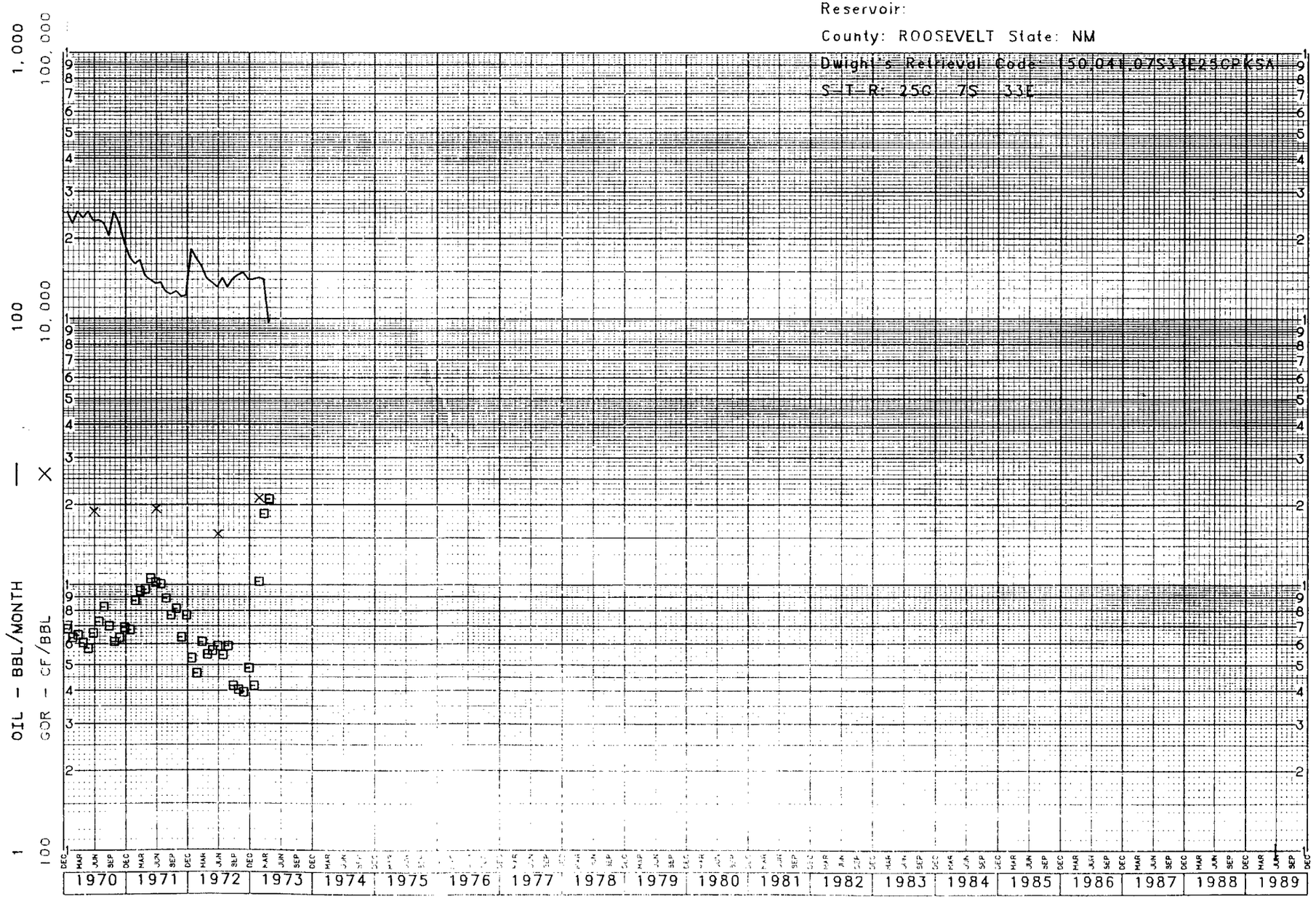
32


OIL - BBL/MONTH
GOR - CF/BBL
WATER - %
1
100
1,000
10,000
100,000
1970
1971
1972
1973
1974
1975
1976
1977
1978
1979
1980
1981
1982
1983
1984
1985
1986
1987
1988
1989
Operator: BRADEN DEEM INC
Lease: STATE DB Well No: 00C003
Field: CHAVEROO SAN ANDRES
Reservoir:
County: ROOSEVELT State: NM
Dwight's Retrieval Code: 30-041-07533-EO-SEO-SA
S-T-R: 25E 7S 33E
SA

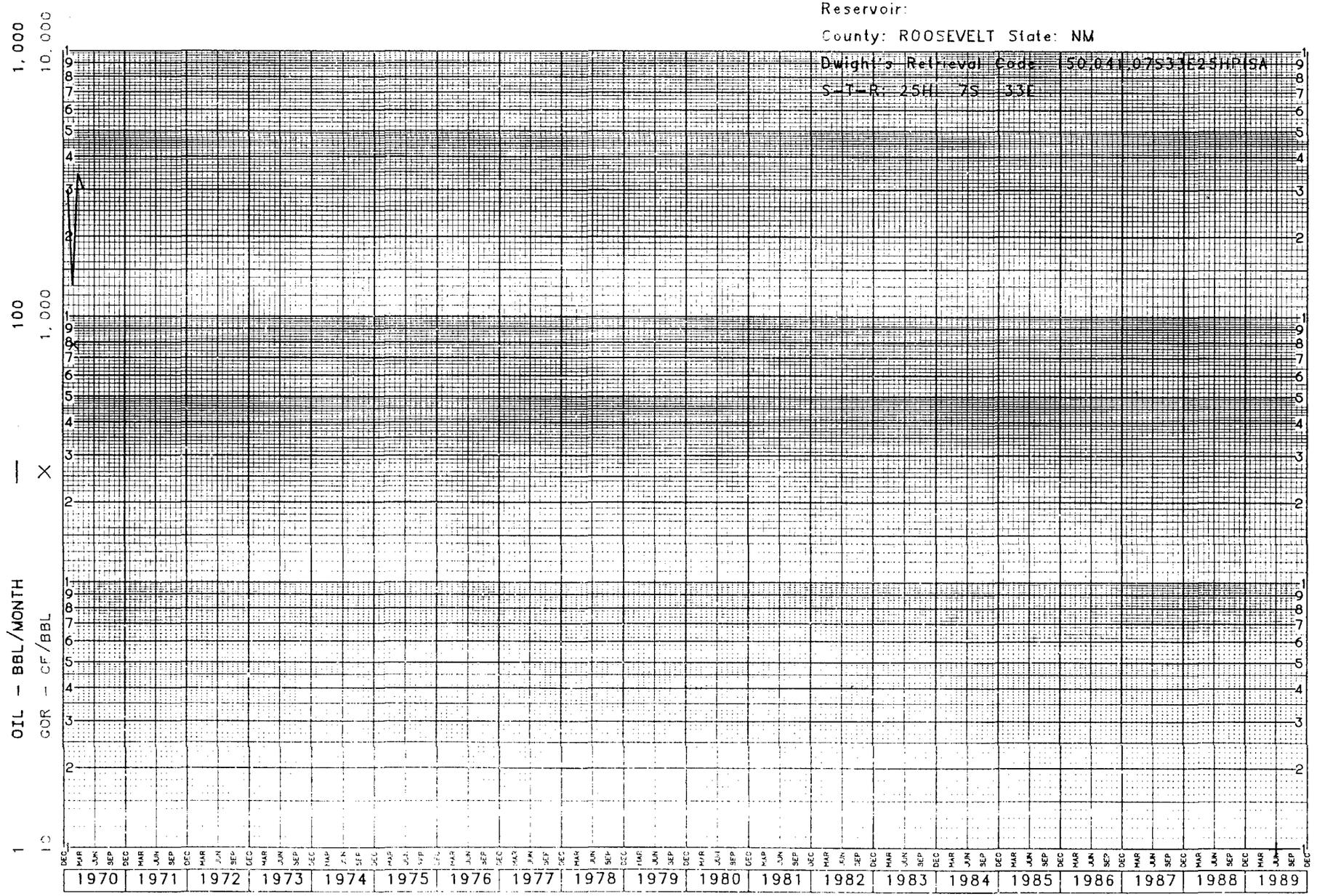
Operator: BRADEN DEEM INC
Lease: STATE DB Well No: 000005
Field: CHAVEROO SAN ANDRES SA
Reservoir:
County: ROOSEVELT State: NM
Dwight's Retrieval Code: [50,041,07S33E25F005A]
S-T-R: 25F 7S 33E



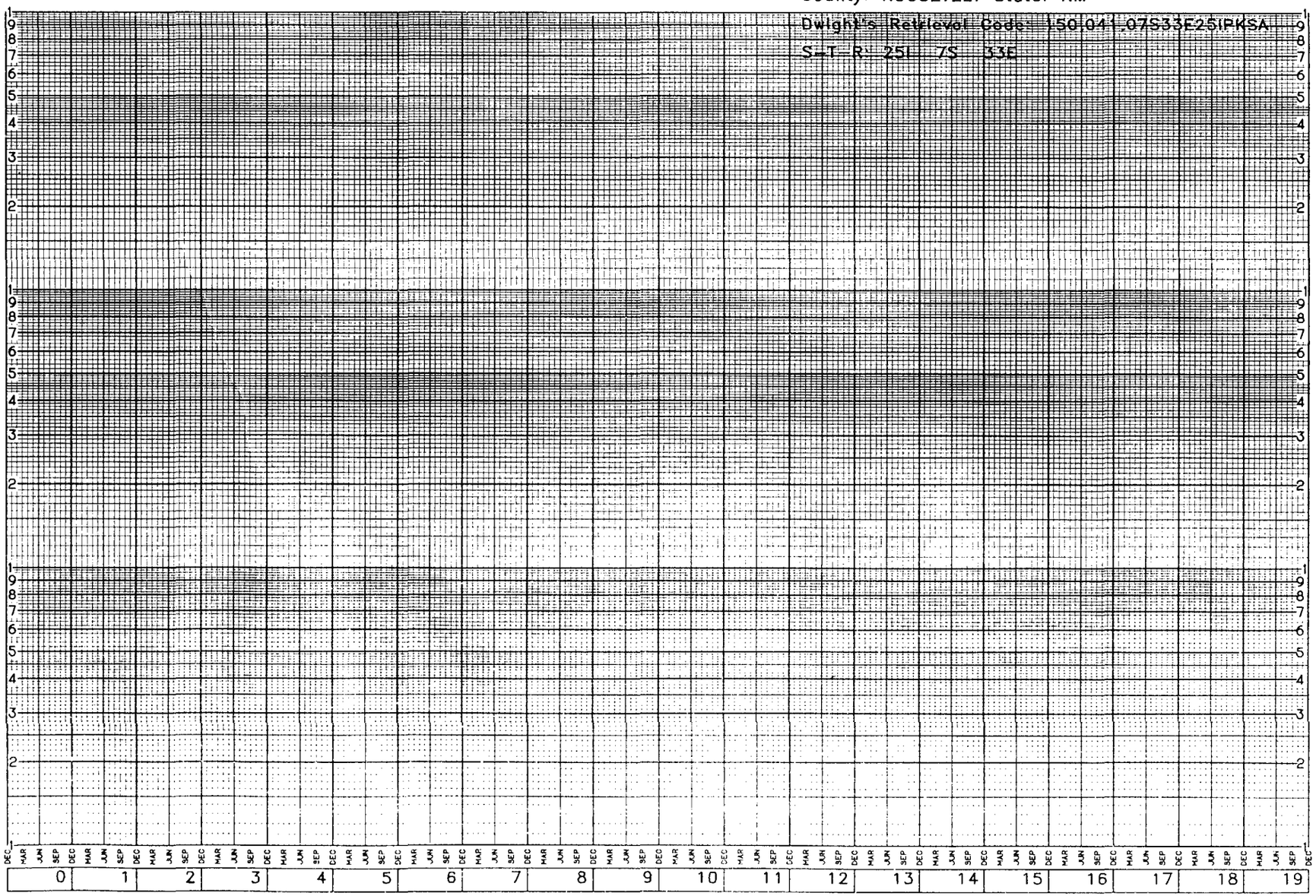
Operator: WISER OIL CO
Lease: STATE J Well No: 000002
Field: CHAVEROO SAN ANDRES SA
Reservoir:
County: ROOSEVELT State: NM
Dwight's Retrieval Code: 50,041,07S33E25CPKSA
S-T-R: 25C 7S 33E



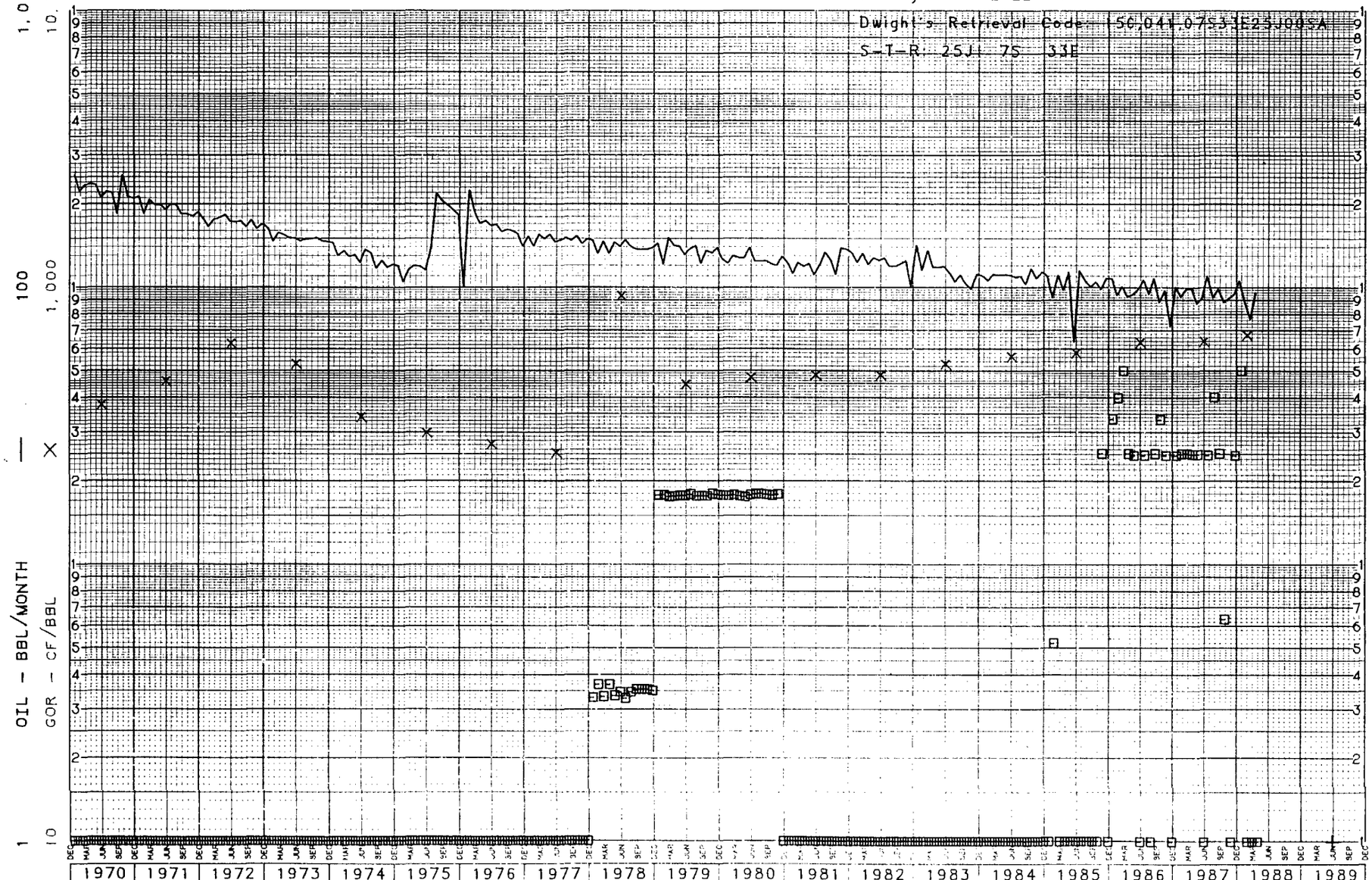
Operator: CONINE JIM INC
Lease: STATE Well No: 000001
Field: CHAVEROO SAN ANDRES SA
Reservoir:
County: ROOSEVELT State: NM
Dwight's Retrieval Code: 150,041,07S33E25HPSA
S-T-R: 25H 7S 33E



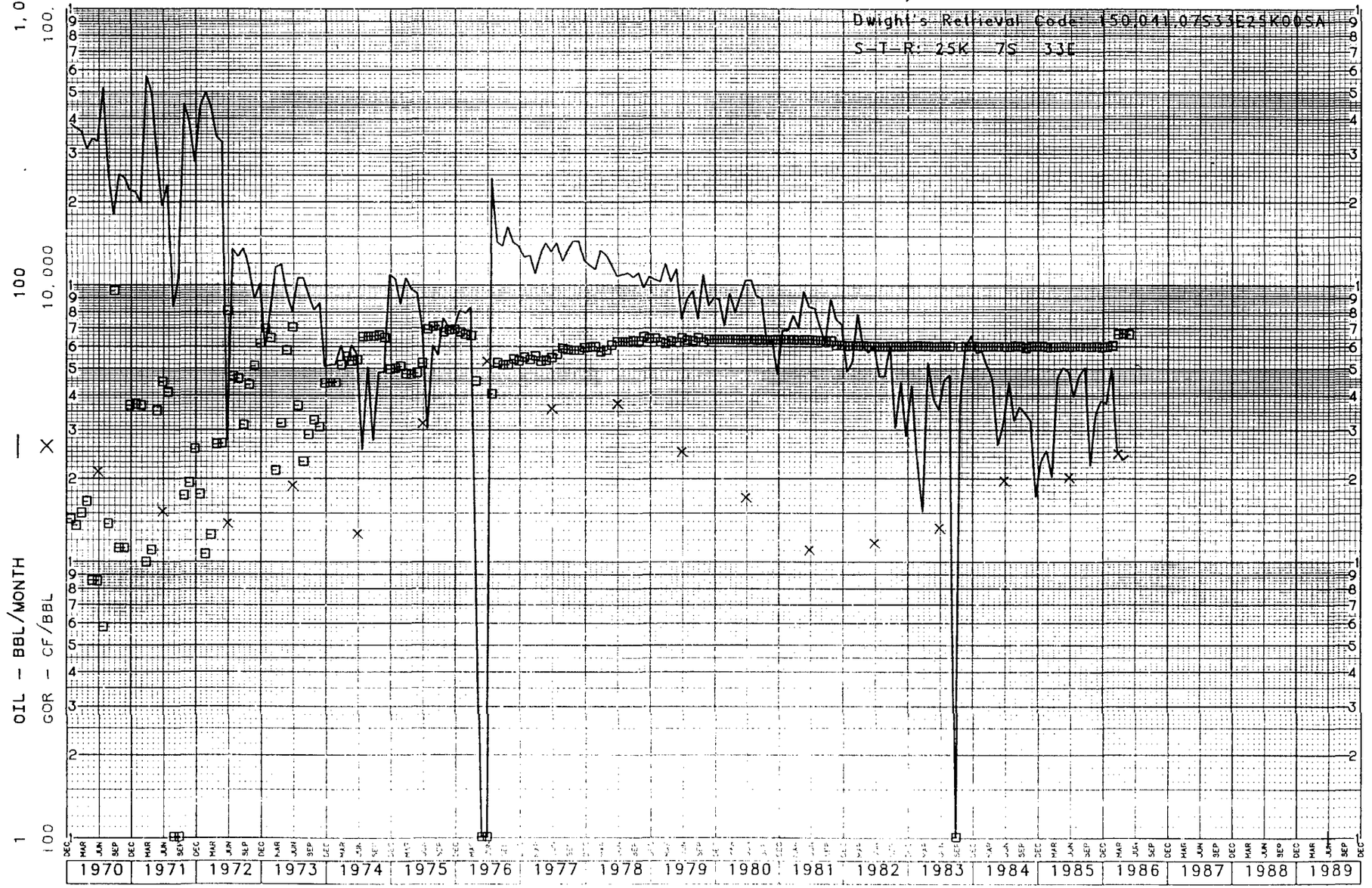
Operator: BRADEN DEEM INC
Lease: STATE DF Well No: 000001
Field: CHAVEROO SAN ANDRES SA
Reservoir:
County: ROOSEVELT State: NM
Dwight's Retrieval Code: 1500411.07S33E25IPKSA
S-T-R: 25I 7S 33E

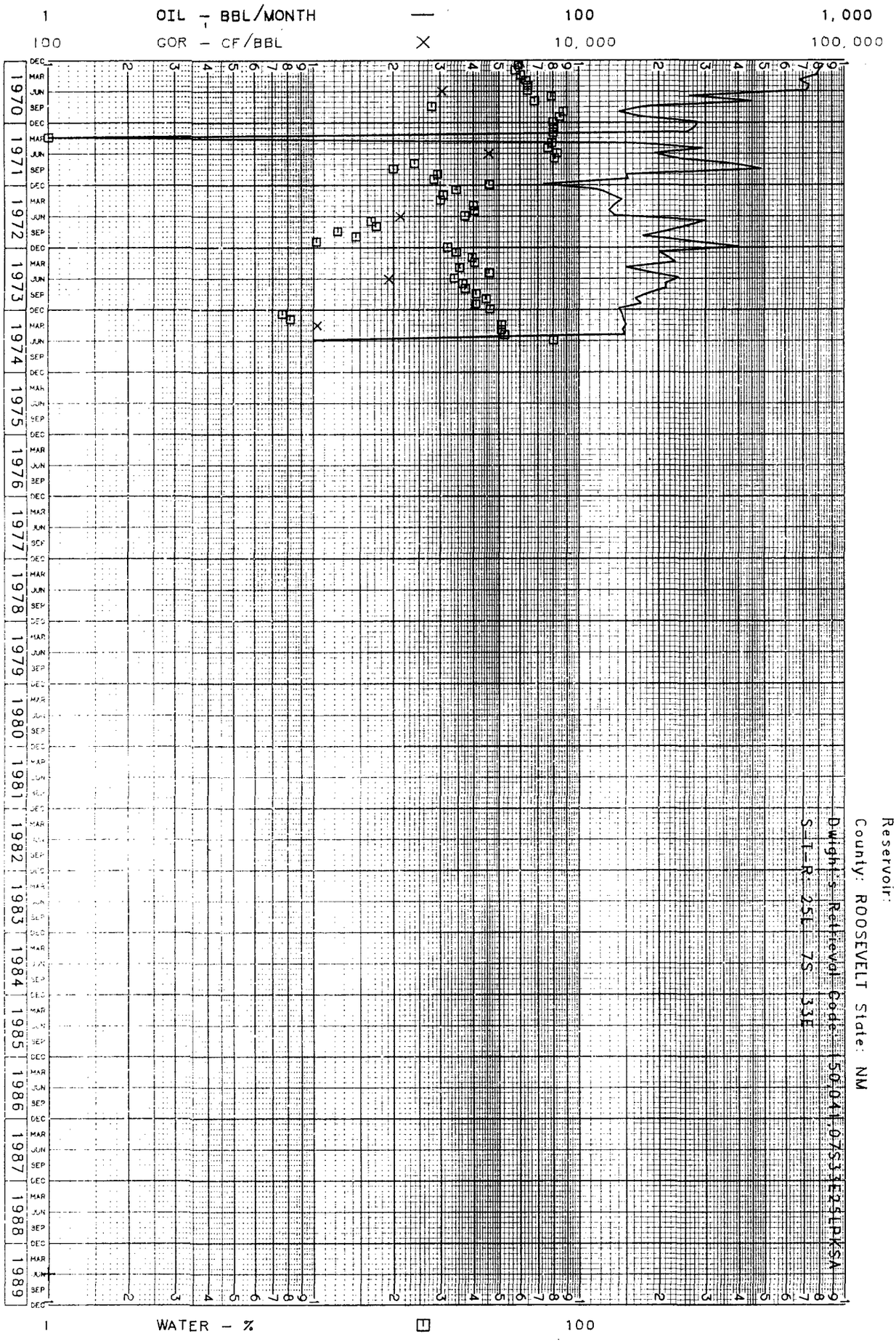


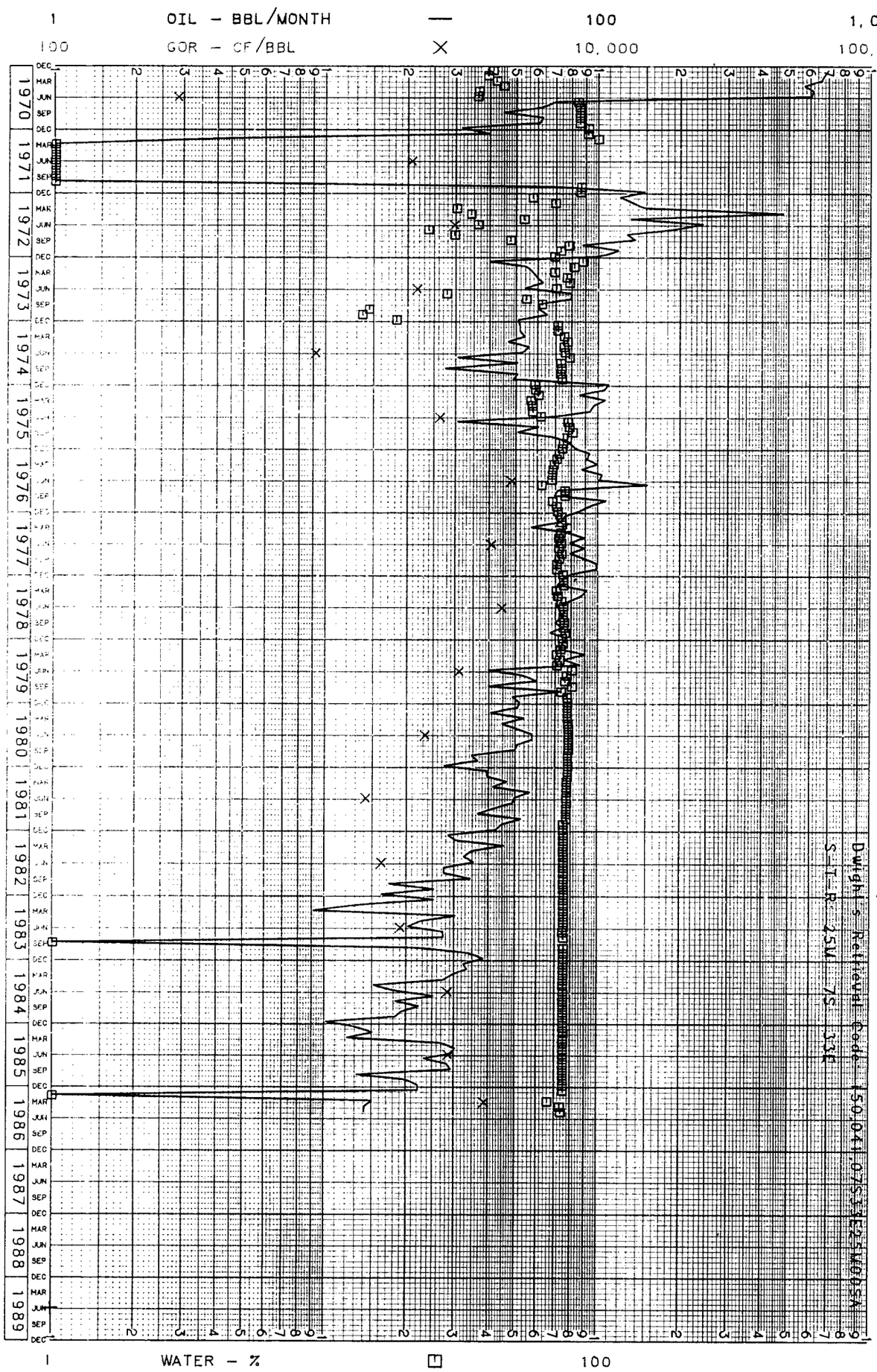
Operator: KERR MCGEE CORP
Lease: STATE I Well No: 000001
Field: CHAVEROO SAN ANDRES SA
Reservoir:
County: ROOSEVELT State: NM
Dwight's Retrieval Code: 15C,041,07S33E25J00SA
S-T-R: 25J 7S 33E

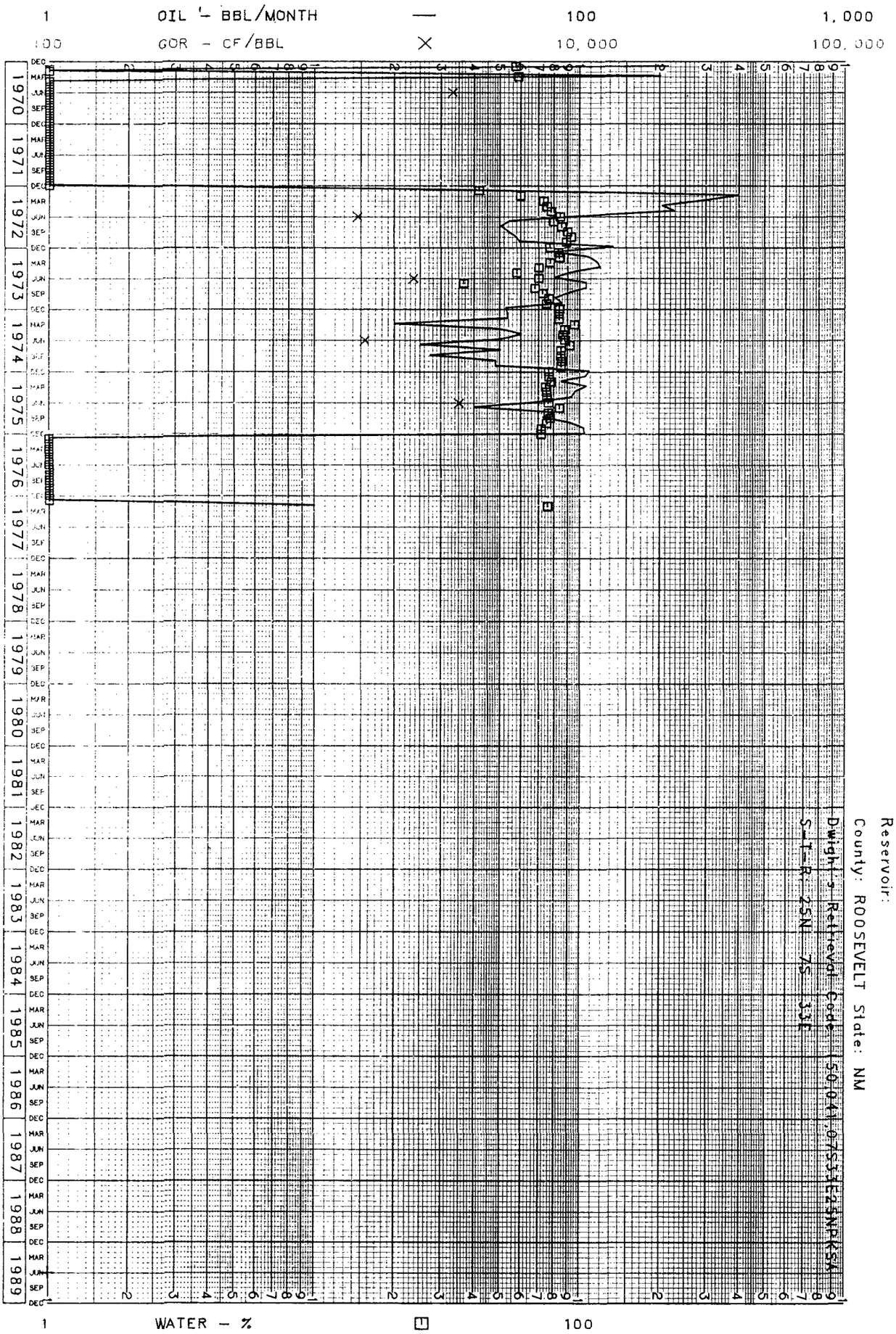


Operator: BRADEN DEEM INC
Lease STATE DB Well No: 000007
Field: CHAVEROO SAN ANDRES SA
Reservoir:
County: ROOSEVELT State: NM
Dwight's Retrieval Code: 150,041,07S33E25K00SA
S-T-R: 25K 7S 33E




1
OIL - BBL/MONTH
100
1,000
100
GOR - CF/BBL
10,000
100,000
1970
1971
1972
1973
1974
1975
1976
1977
1978
1979
1980
1981
1982
1983
1984
1985
1986
1987
1988
1989
WATER - %
100
Operator: BRADEN DEEM INC
Lease: STATE DB Well No: 000004
Field: CHAVEROO SAN ANDRES
Reservoir:
County: ROOSEVELT State: NM
Dwight's Retrieval Code: 150041.07S33E25LPKSA
S-T-R: 25E 7S 33E
SA
40


1
OIL – BBL/MONTH
100
1,000
100
GOR – CF/BBL
10,000
100,000
1970
1971
1972
1973
1974
1975
1976
1977
1978
1979
1980
1981
1982
1983
1984
1985
1986
1987
1988
1989
1
WATER – %
100
Dwight's Retrieval Code 150,041,07S33E25M00SA
S-T-R: 25M 7S 33E
Operator: BRADEN DEEM INC
Lease: STATE DB Well No: 000006
Field: CHAVEROO SAN ANDRES
Reservoir:
County: ROOSEVELT State: NM
SA
41

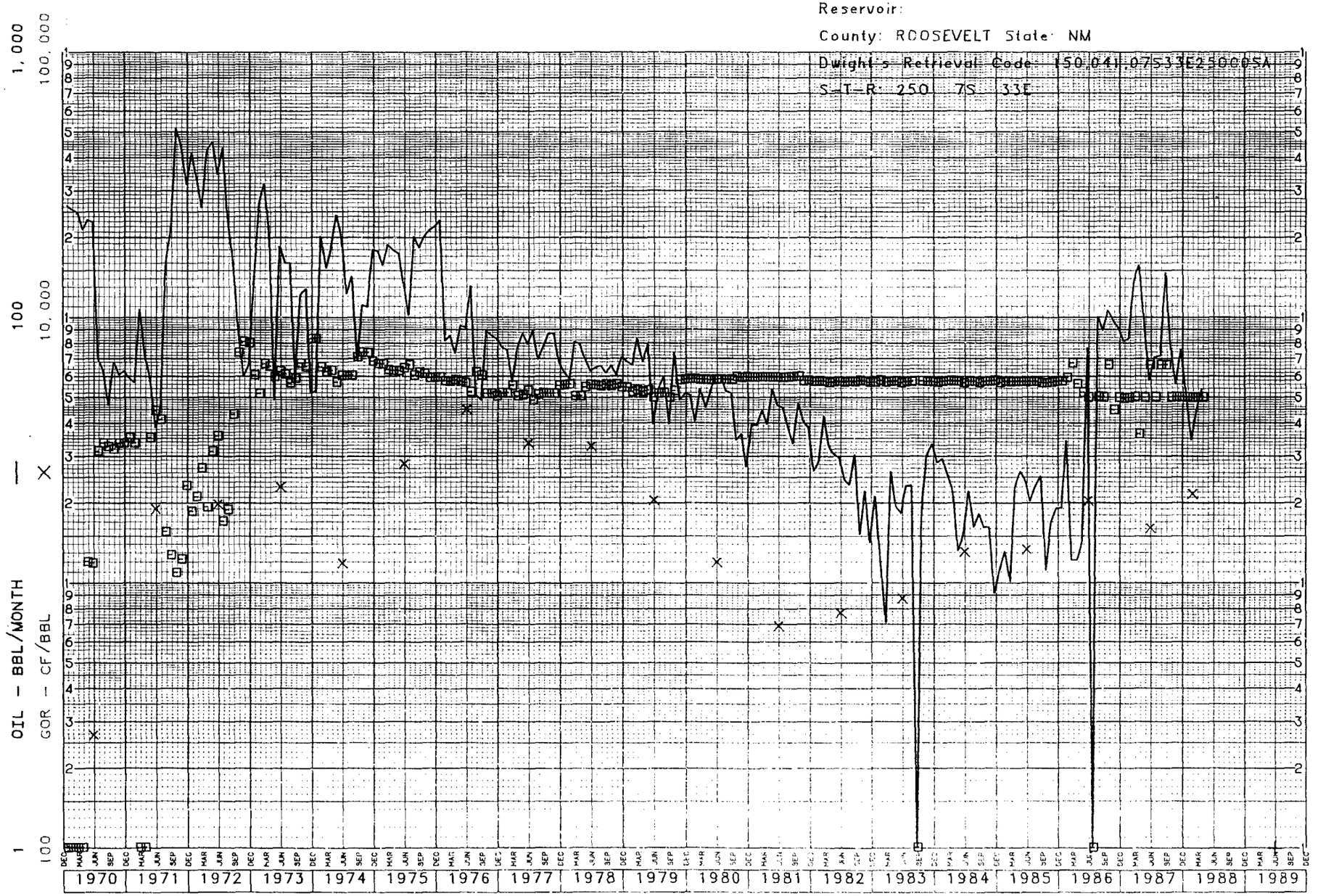


Operator: BRADEN DEEM INC
Lease: STATE DB Well No: 000008
Field: CHAVEROO SAN ANDRES
Reservoir:
County: ROOSEVELT State: NM
Dwight's Retrieval Code: 50-041-07533E2SNPKSA
S-T-R: 25N 7S 33E

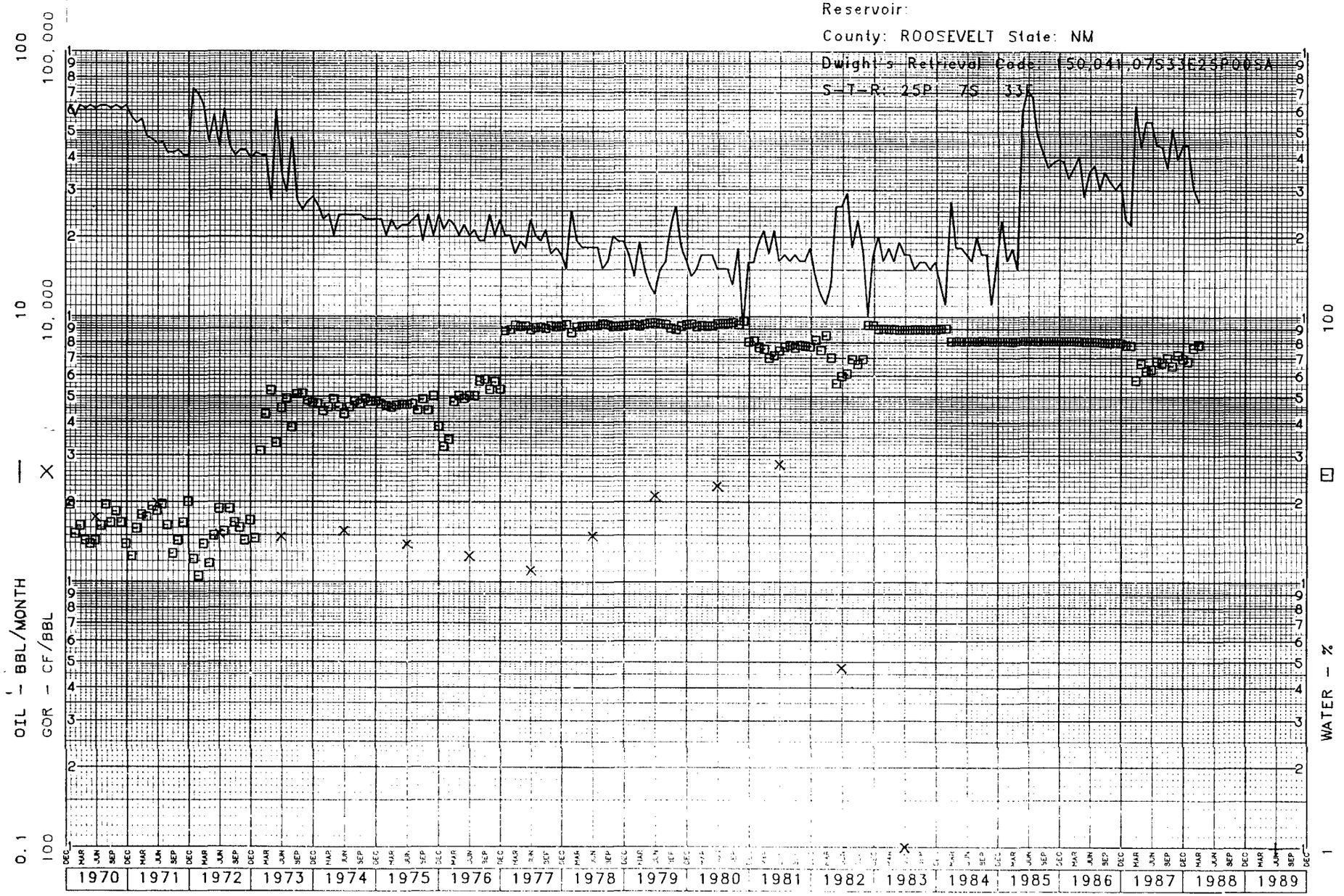
SA

42

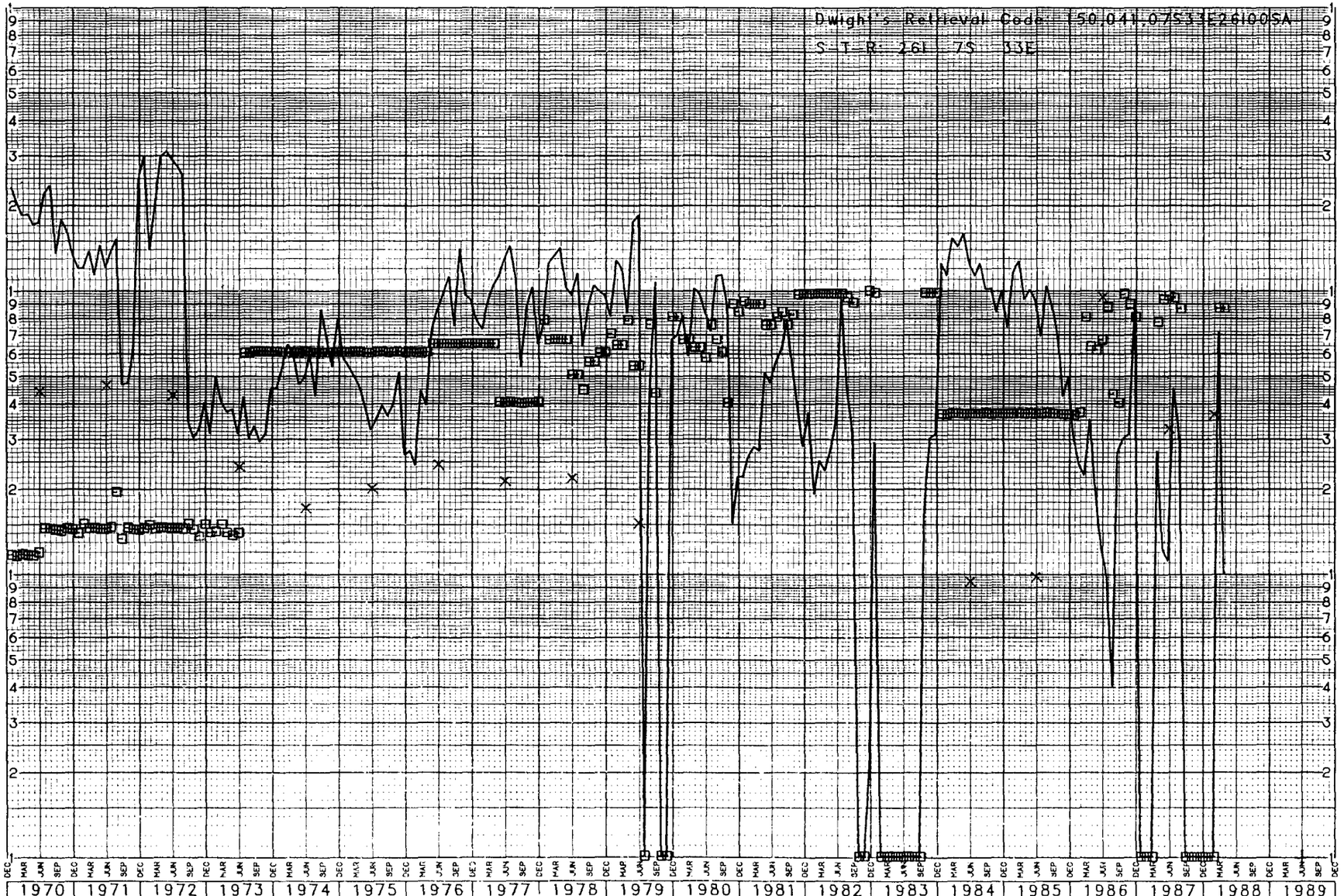
Operator: BRADEN DEEM INC
Lease: STATE DB Well No: 000009
Field: CHAVEROO SAN ANDRES SA
Reservoir:
County: ROOSEVELT State: NM
Dwight's Retrieval Code: 150,041,07S33E25000SA
S-T-R: 25 07S 33E



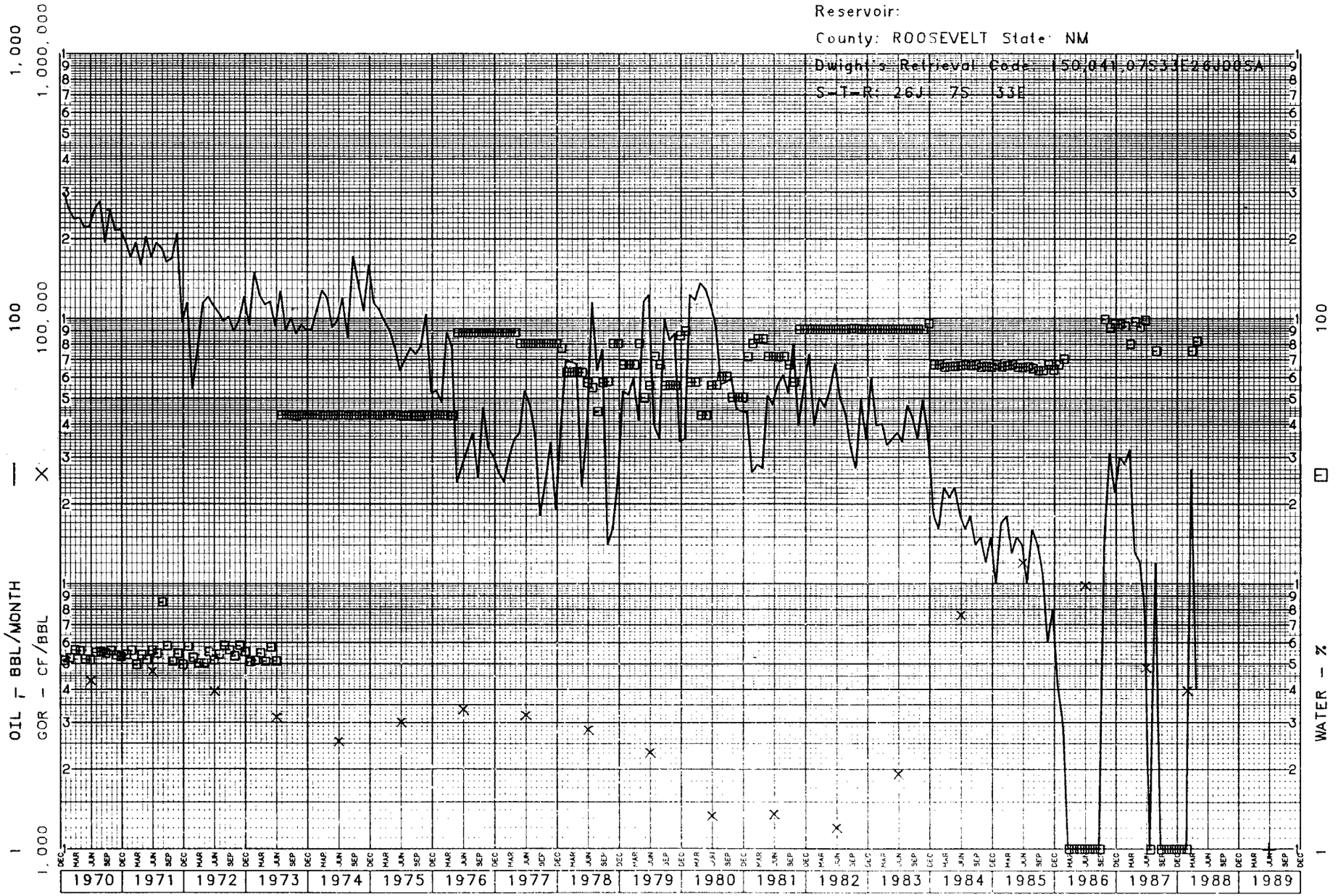
Operator: MYCO PETROLEUM
Lease: STATE J Well No: 000004
Field: CHAVEROO SAN ANDRES SA
Reservoir:
County: ROOSEVELT State: NM
Dwight's Retrieval Code: 30,041,07S33E25P00SA
S-T-R: 25P 7S 33E

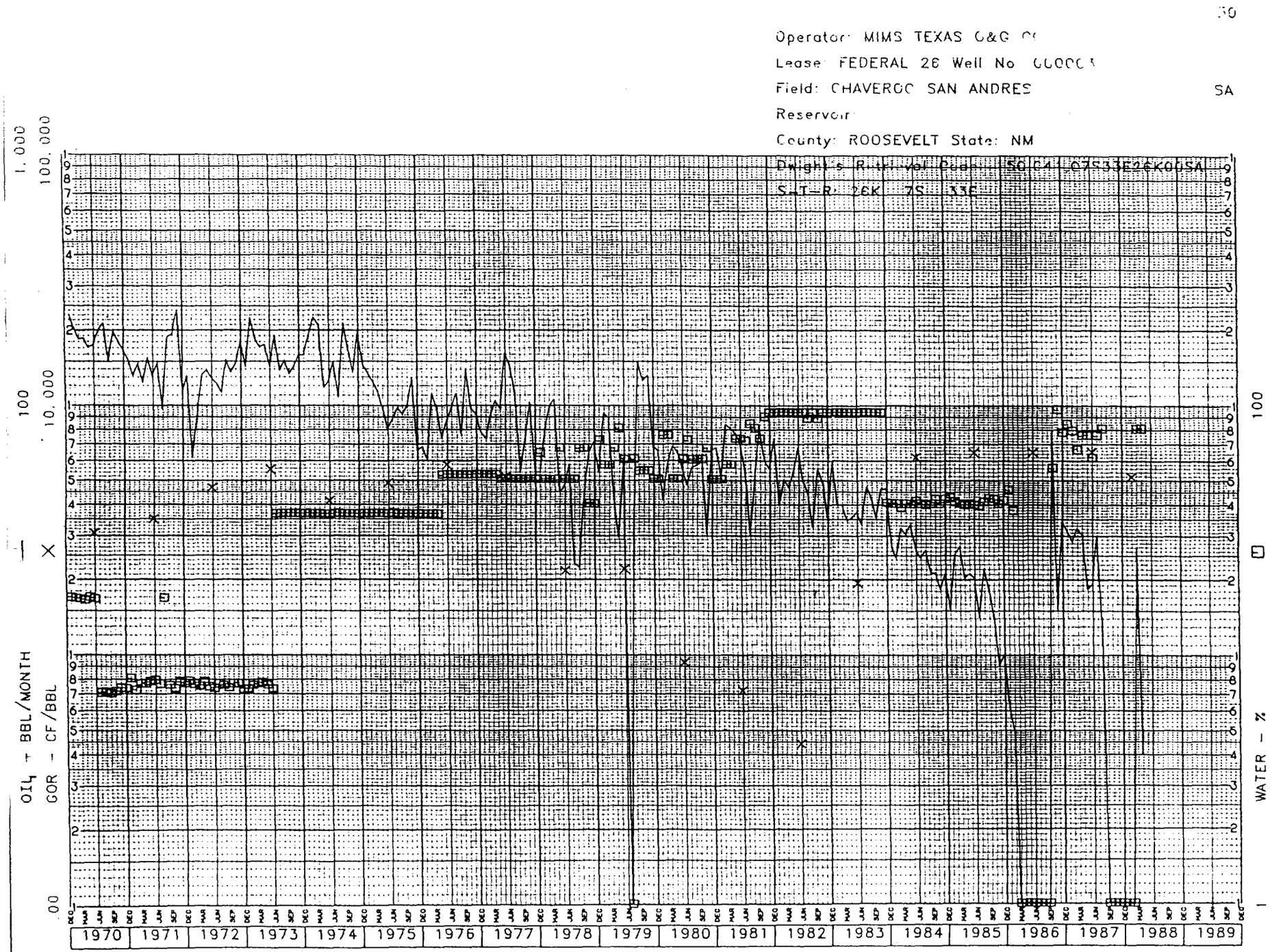


Operator: MIMS TEXAS O&G CO
Lease: FEDERAL 26 Well No: 000007
Field: CHAVEROO SAN ANDRES SA
Reservoir:
County: ROOSEVELT State: NM
Dwight's Retrieval Code: 50,041,07S33E26100SA
S-T-R: 26I 7S 33E



Operator: MIMS TEXAS O&G CO
Lease: FEDERAL 26 Well No: 000005
Field: CHAVEROO SAN ANDRES SA
Reservoir:
County: ROOSEVELT State: NM
Dwight's Retrieval Code: 50,041,07S33E26J00SA
S-T-R: 26J 7S 33E




Operator: MIMS TEXAS O&G C
Lease: FEDERAL 26 Well No 00000
Field: CHAVEROO SAN ANDRES
Reservoir
County: ROOSEVELT State: NM
Dwight's Retrieval Comm... 30 04 00 7S 33E 26K 00 SA
S-T-R: 26K 7S 33E
OIL + BBL/MONTH
GOR - CF/BBL
WATER - %
1,000
100,000
100
10,000
00
100
1970
1971
1972
1973
1974
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1989

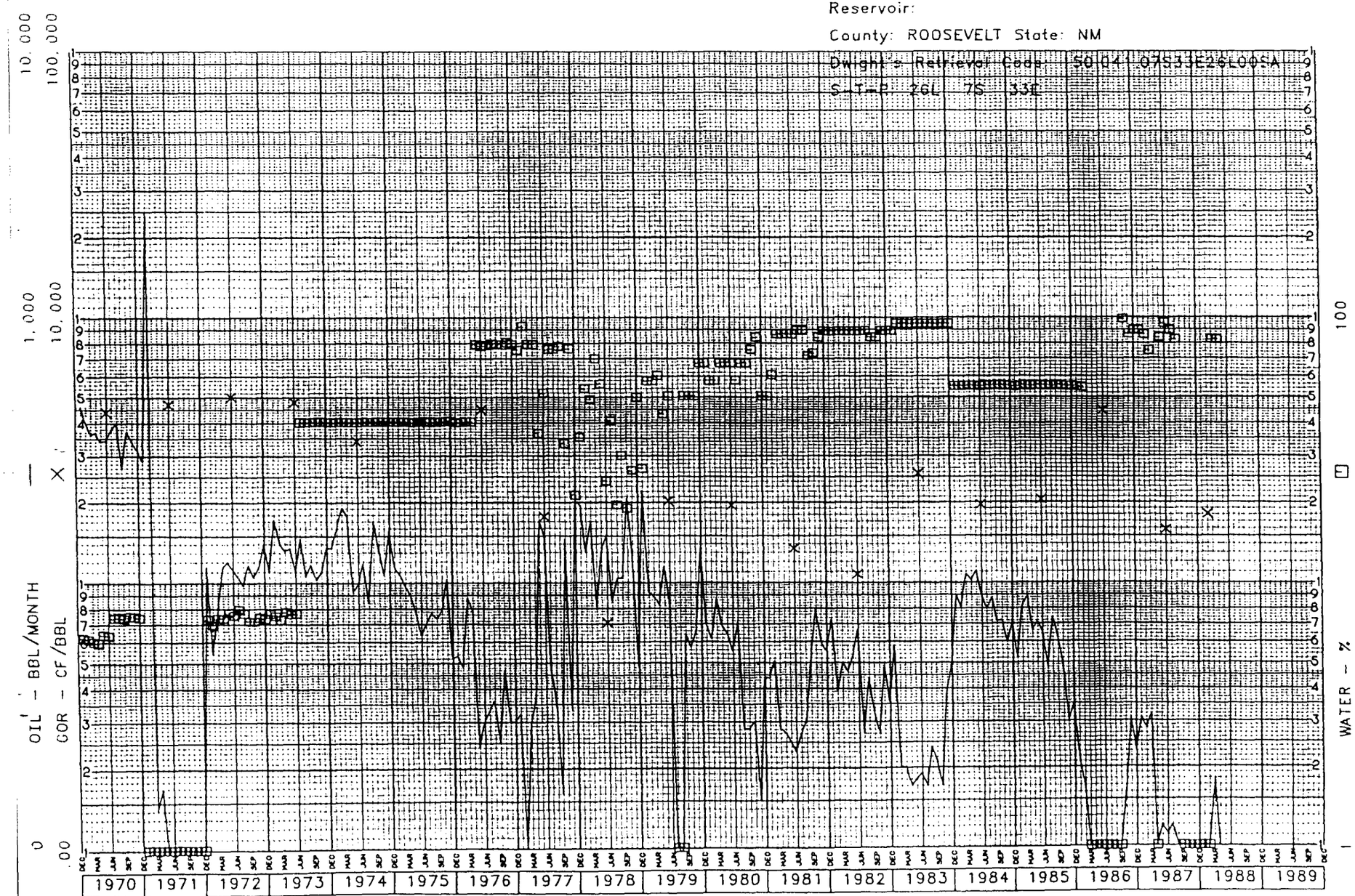
Operator: MIMS TEXAS O&G CO

Lease: FEDERAL 26 Well No: 000002

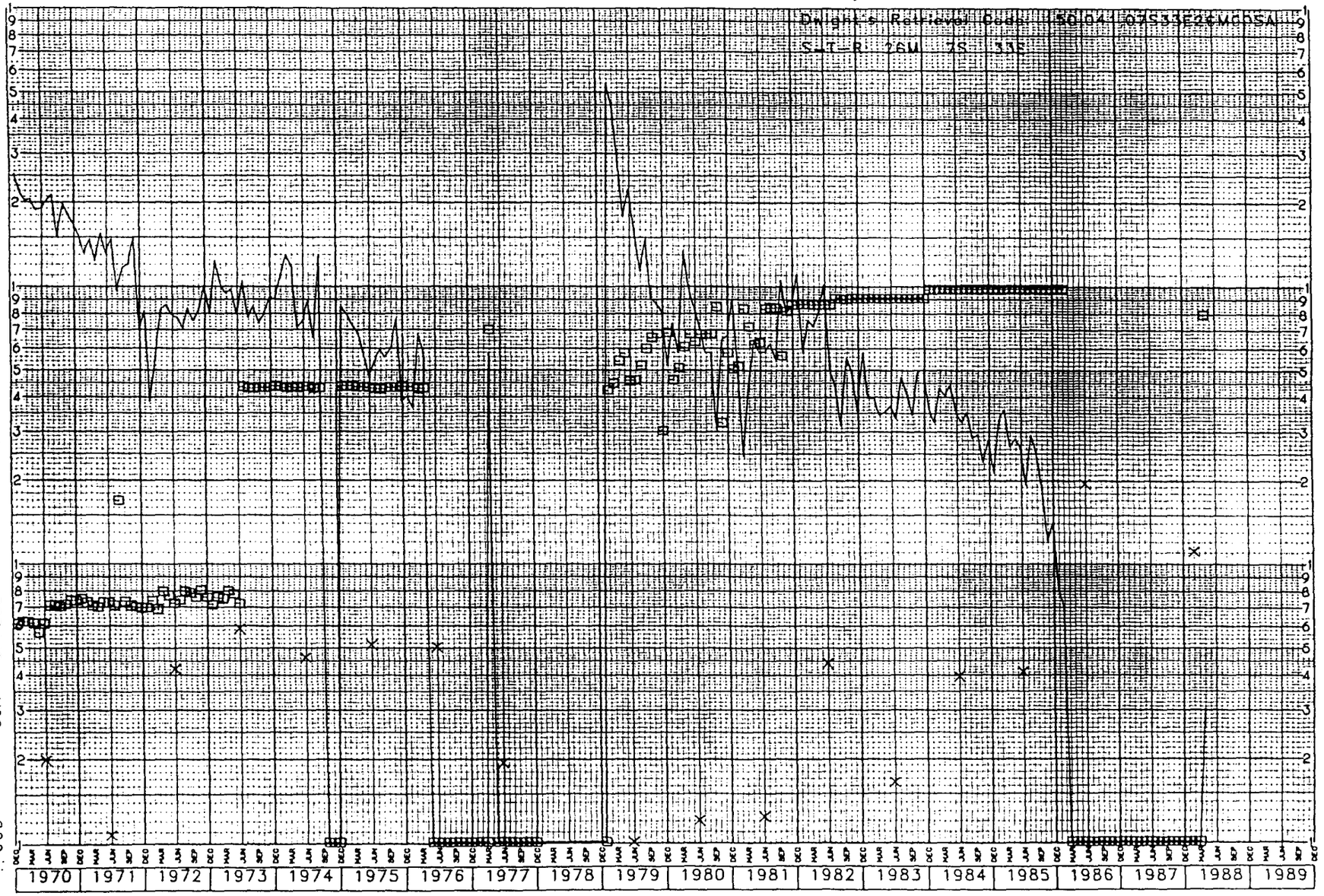
Field: CHAVEROO SAN ANDRES SA

Reservoir:

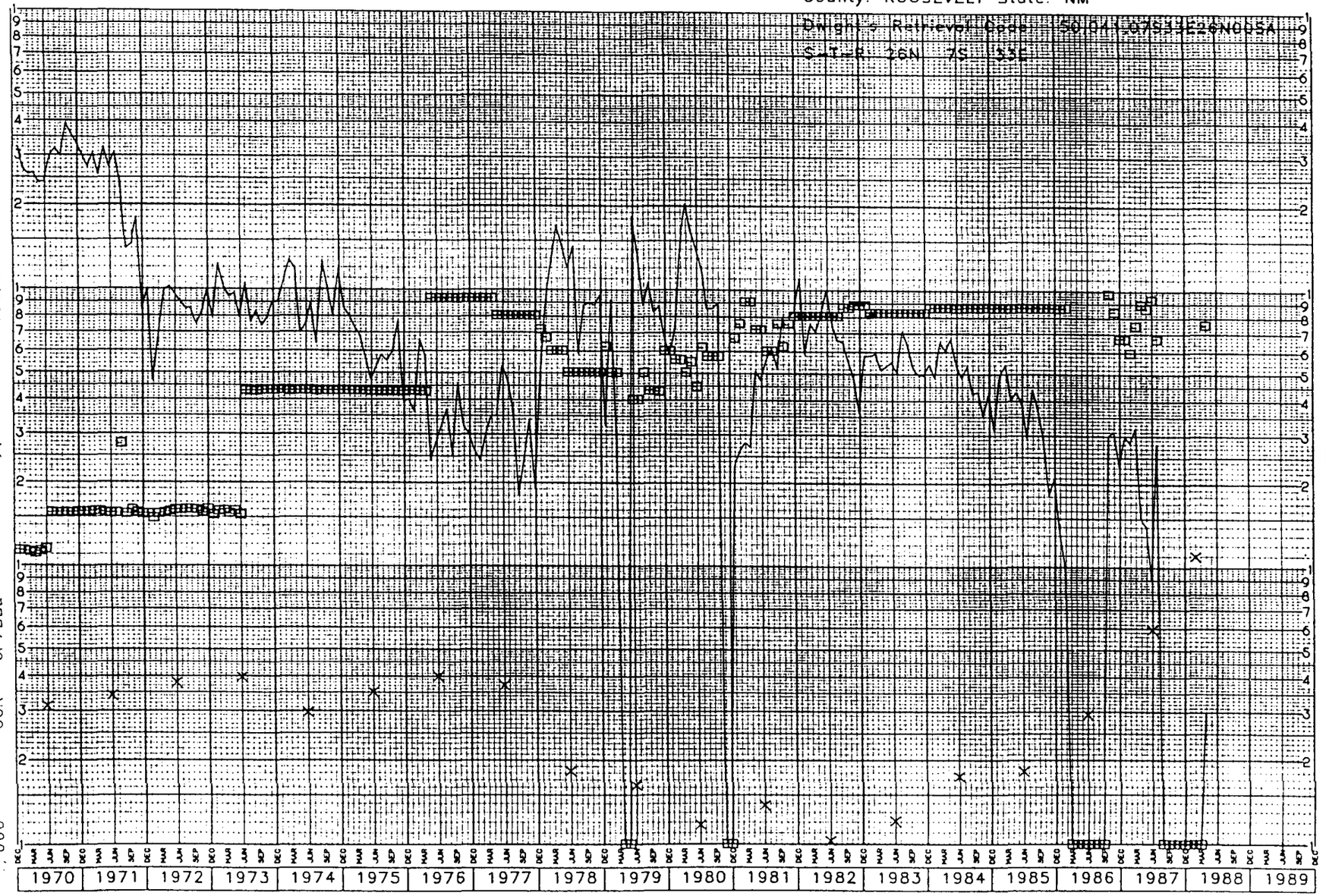
County: ROOSEVELT State: NM



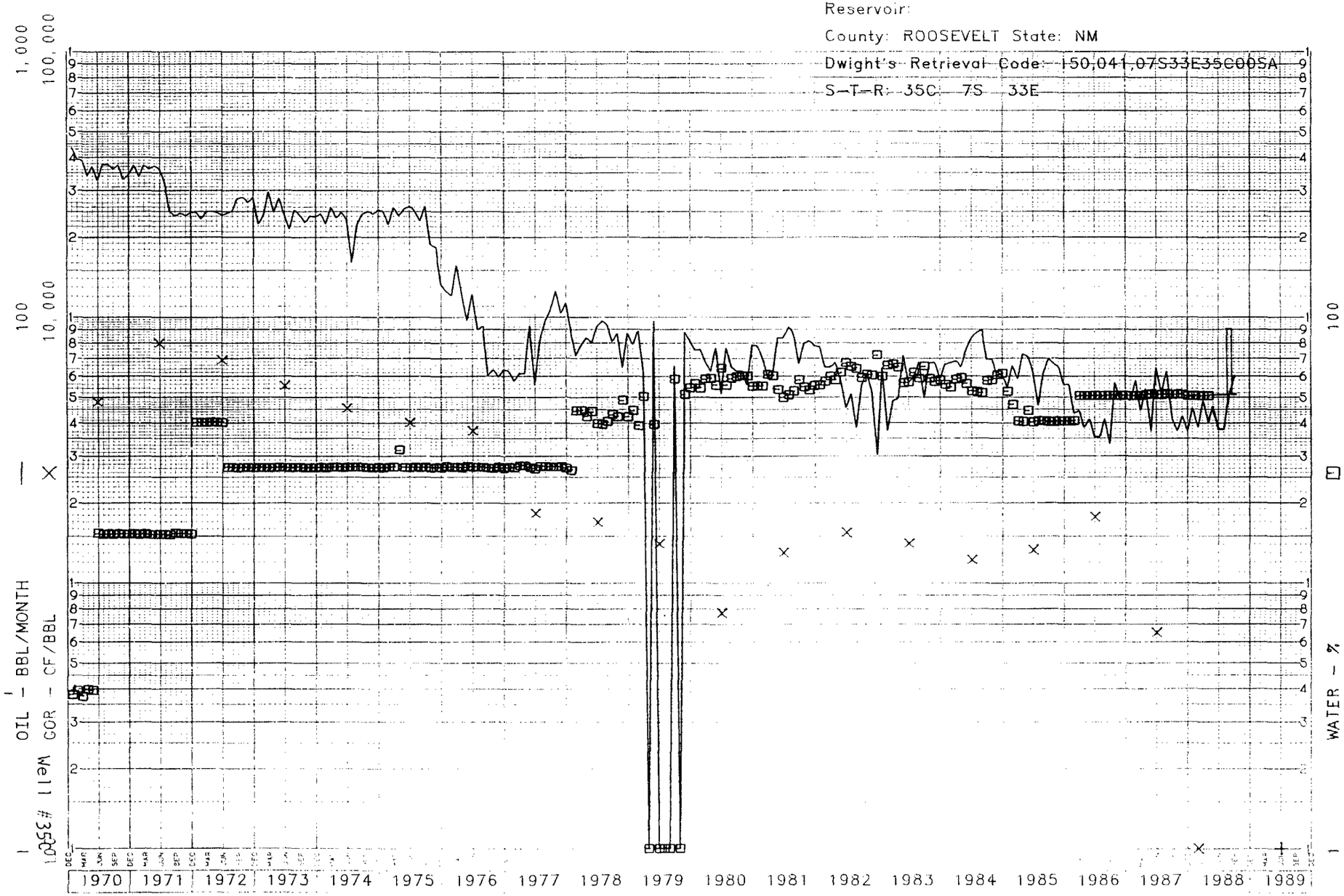
Operator: MIMS TEXAS O&G CO
Lease: FEDERAL 26 Well No: 000001
Field: CHAVEROO SAN ANDRES SA
Reservoir:
County: ROOSEVELT State: NM



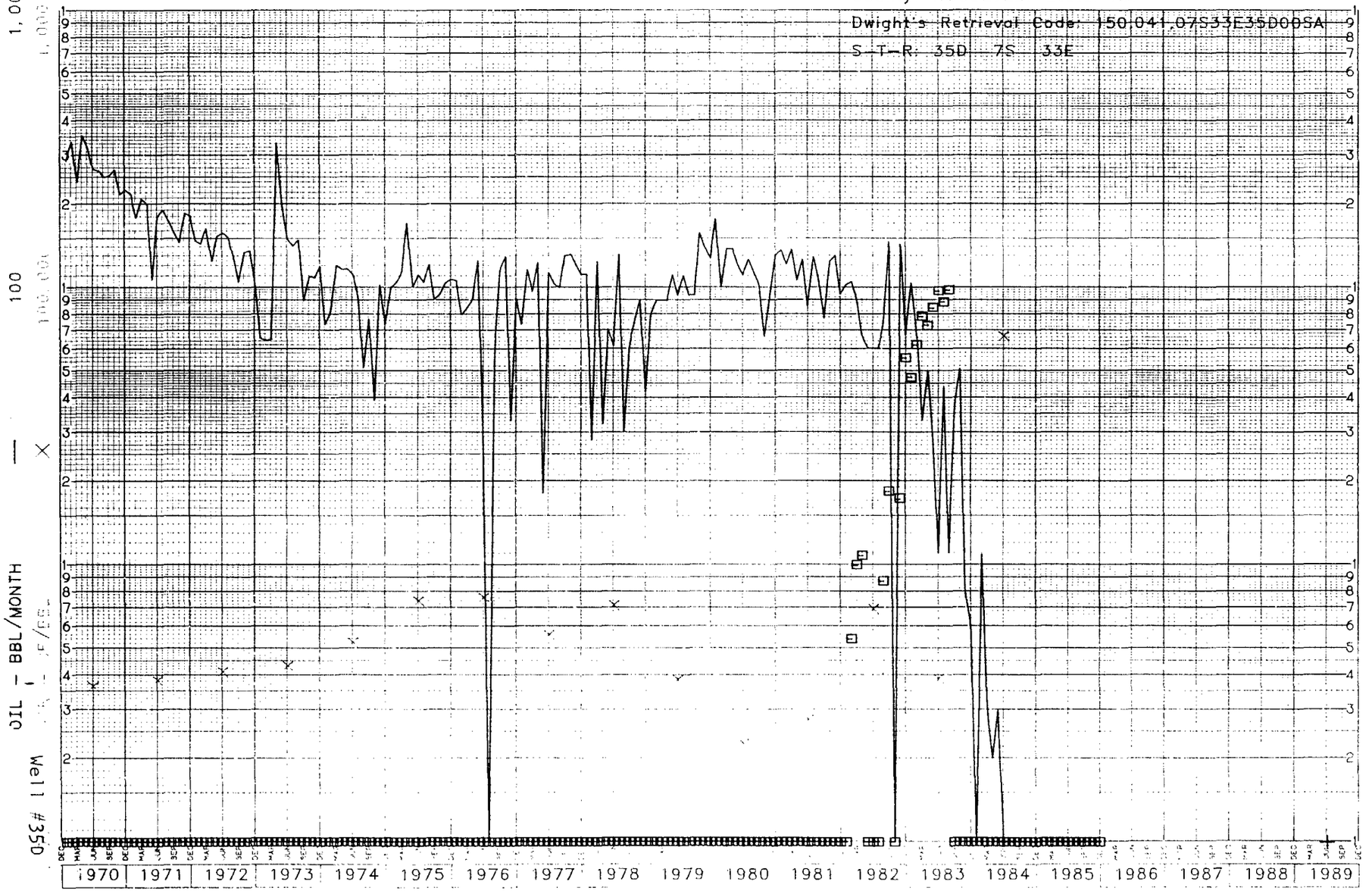
Operator: MIMS TEXAS O&G CO
Lease: FEDERAL 26 Well No: 000004
Field: CHAVEROO SAN ANDRES SA
Reservoir:
County: ROOSEVELT State: NM



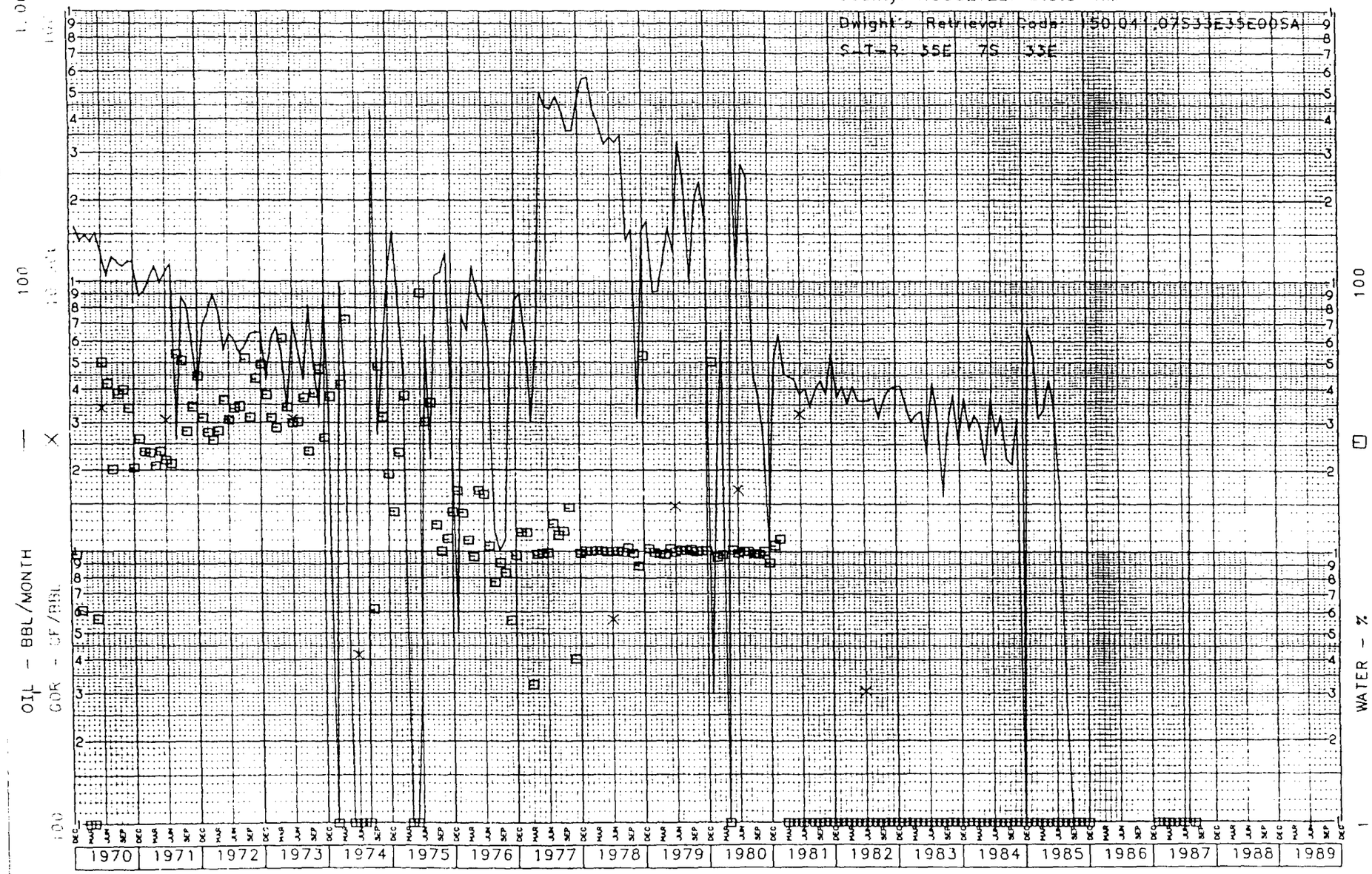
Operator: TEXACO PRODUCING INC
Lease: HOBBS T Well No: 000016
Field: CHAVEROO SAN ANDRES SA
Reservoir:
County: ROOSEVELT State: NM
Dwight's Retrieval Code: 150,041,07S33E35C00SA
S-T-R: 35C 7S 33E



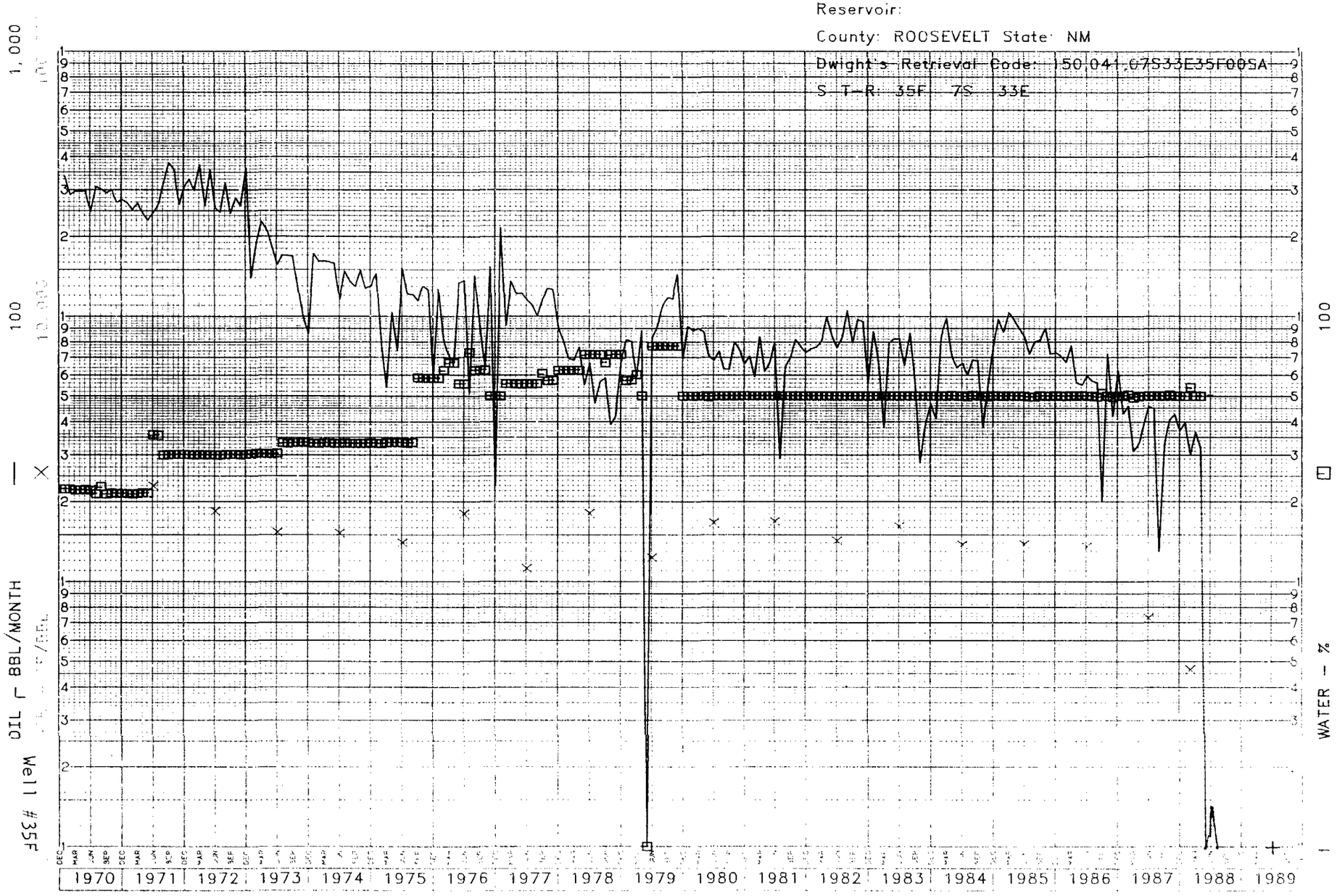
Operator: CHAVEROO OPERATING INC
Lease: SHACKELFORD Well No: 000001
Field: CHAVEROO SAN ANDRES SA
Reservoir:
County: ROOSEVELT State: NM
Dwight's Retrieval Code: 150,041,07S33E35D00SA
S-T-R: 35D 7S 33E



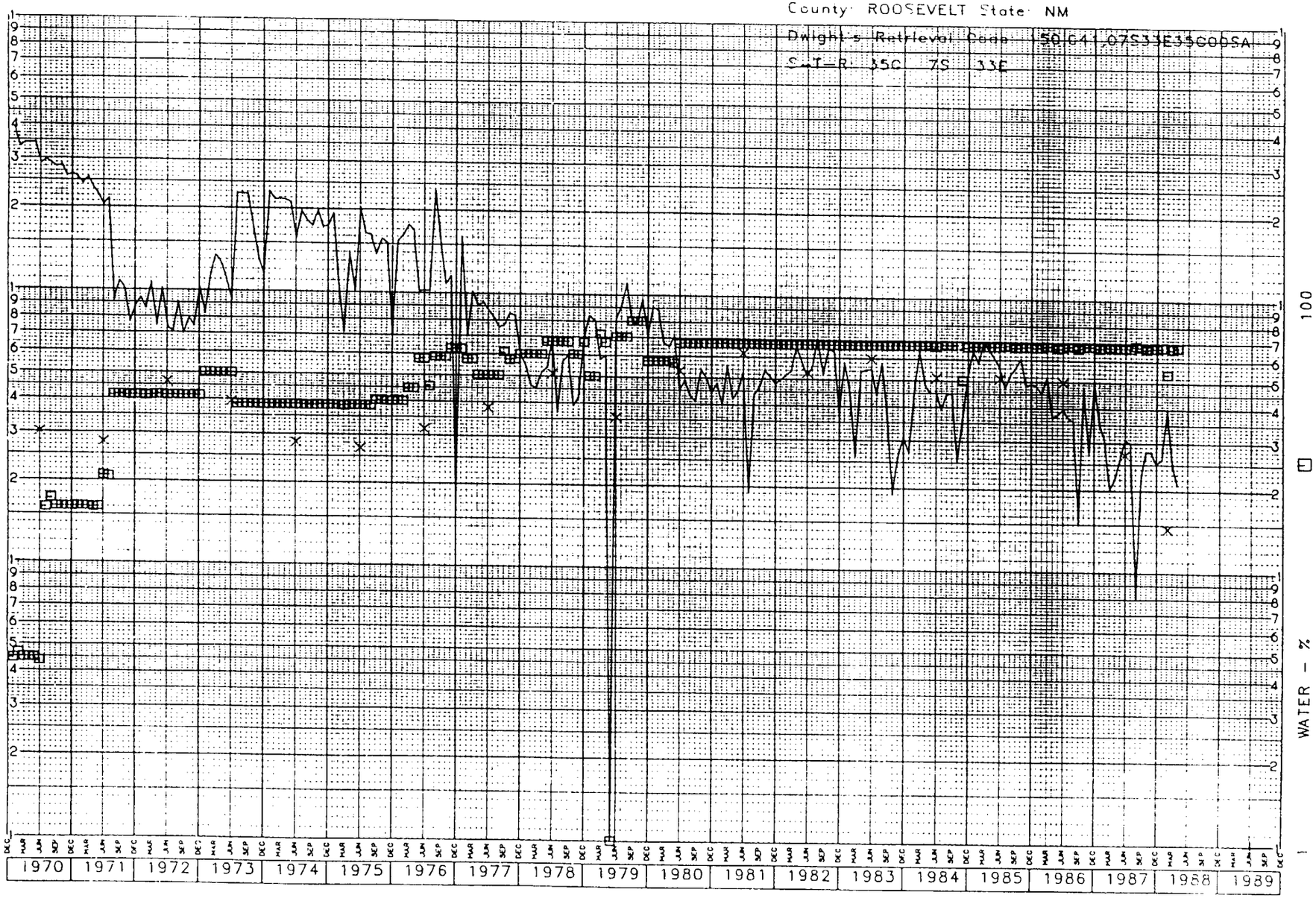
Operator: MERLIN EXPLORATION INC
Lease: STATE DA Well No: 000001
Field: CHAVEROO SAN ANDRES SA
Reservoir:
County: ROOSEVELT State: NM
Dwight's Retrieval Code: 1500411075S33E35E00SA
S-T-R: 35E 7S 33E



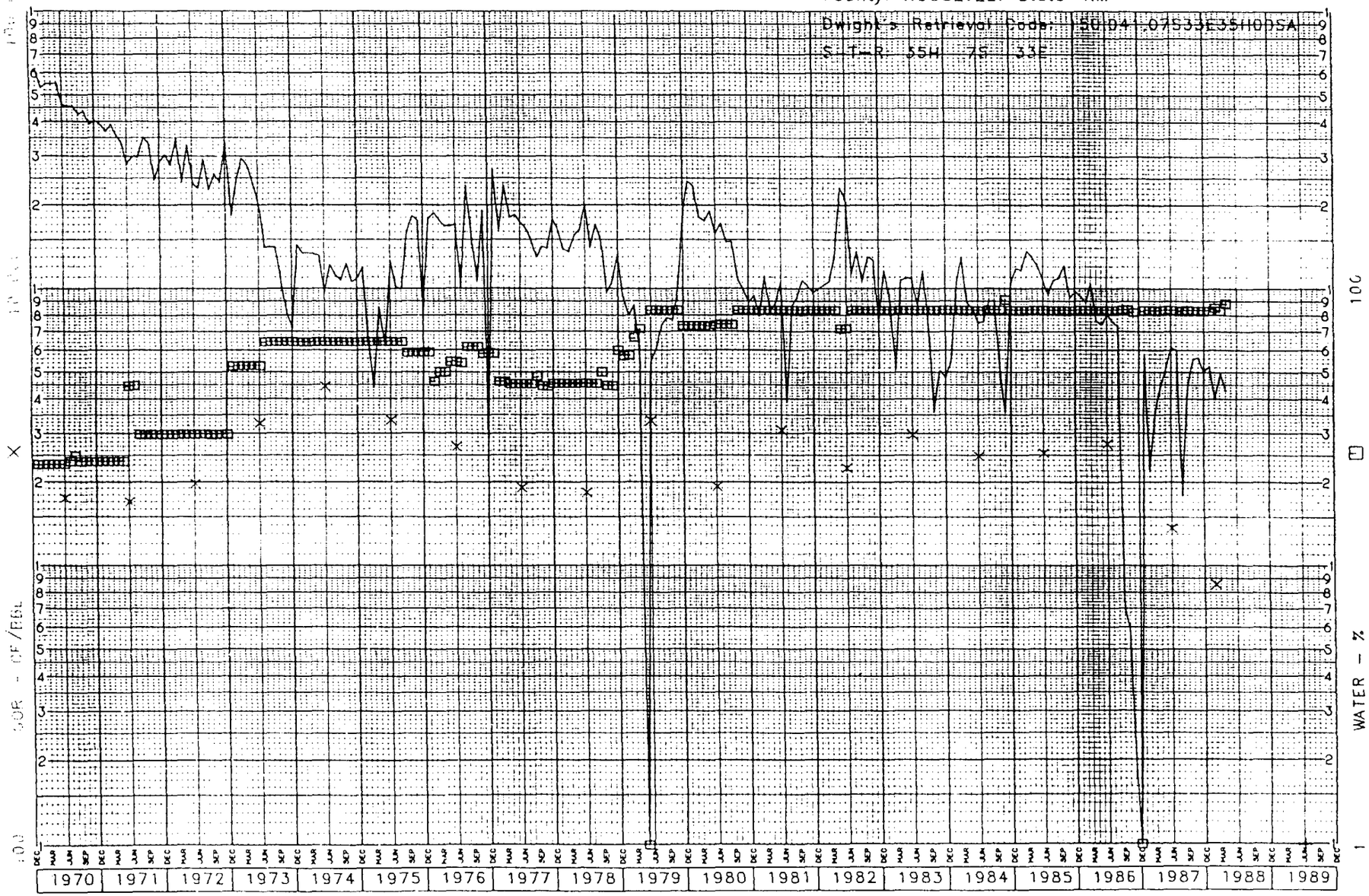
Operator: MARATHON OIL CO
Lease: STATE SECTION 35 Well No: 000003
Field: CHAVEROO SAN ANDRES SA
Reservoir:
County: ROOSEVELT State: NM
Dwight's Retrieval Code: 150,041,67S33E35F00SA
S-T-R: 35F 7S 33E



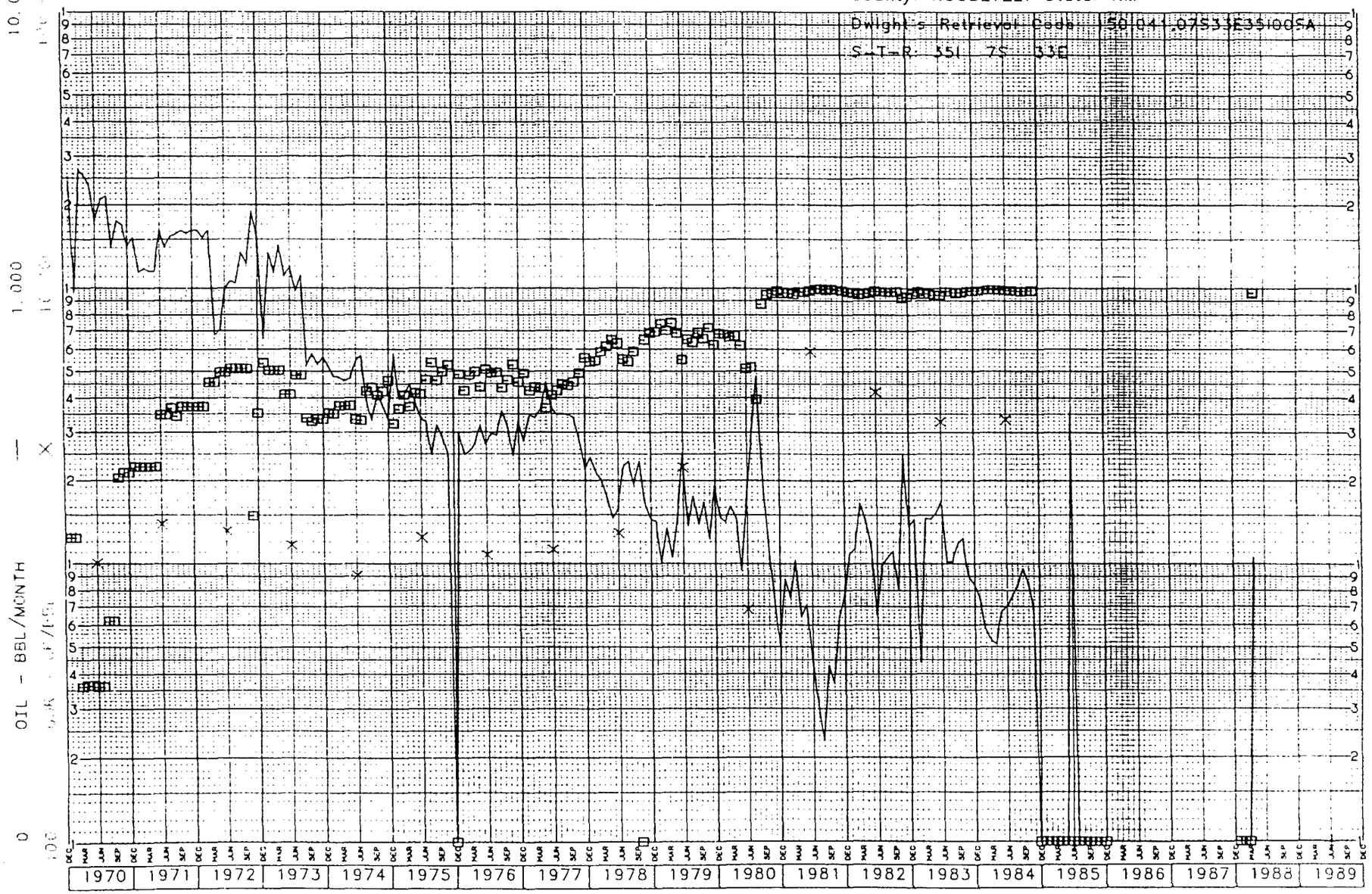
Operator: MARATHON OIL CO
Lease: STATE SECTION 35 Well No: 000004
Field: CHAVEROO SAN ANDRES SA
Reservoir:
County: ROOSEVELT State: NM
Dwight's Retrieval Code: 50 C41 07S33E35C00SA
S-T-R: 35C 7S 33E



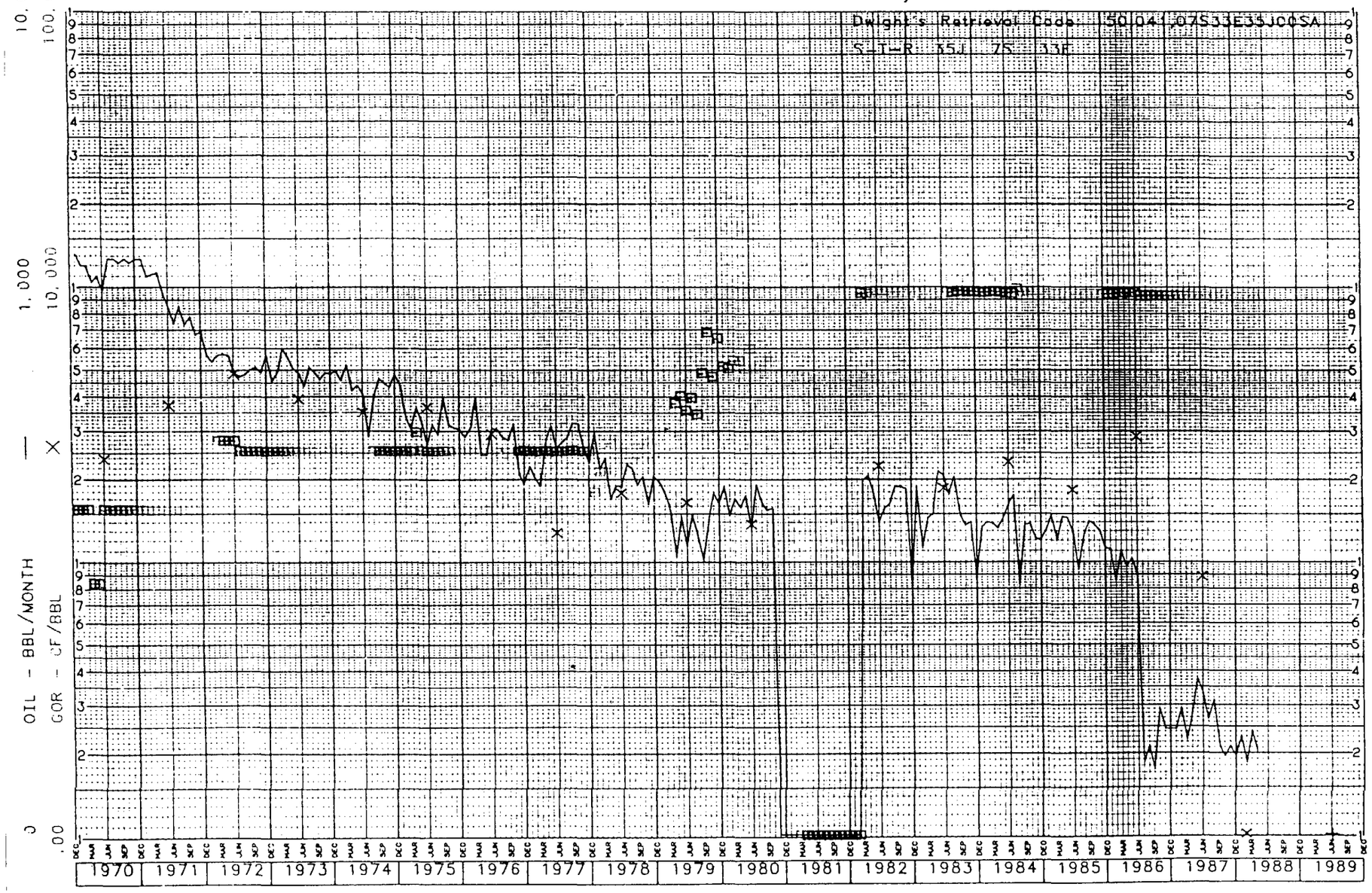
Operator: MARATHON OIL CO
Lease: STATE SECTION 35 Well No: 000005
Field: CHAVEROO SAN ANDRES SA
Reservoir:
County: ROOSEVELT State: NM



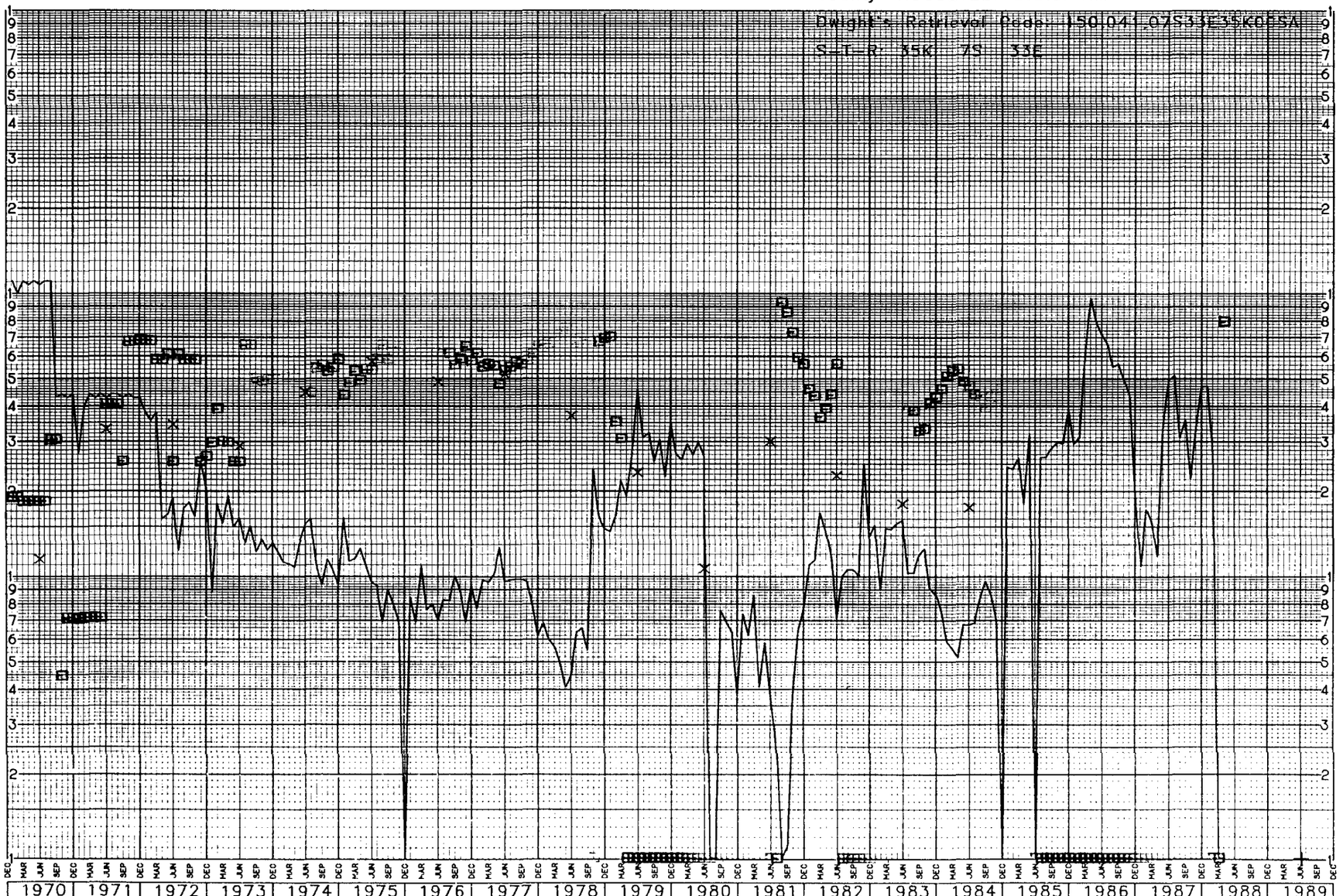
Operator: MERLIN EXPLORATION INC
Lease STATE CV Well No: 000003
Field: CHAVEROO SAN ANDRES SA
Reservoir:
County: ROOSEVELT State: NM
Dwight's Retrieval Code: 30 041 07S33E35100SA
S-T-R: 35 7S 33E

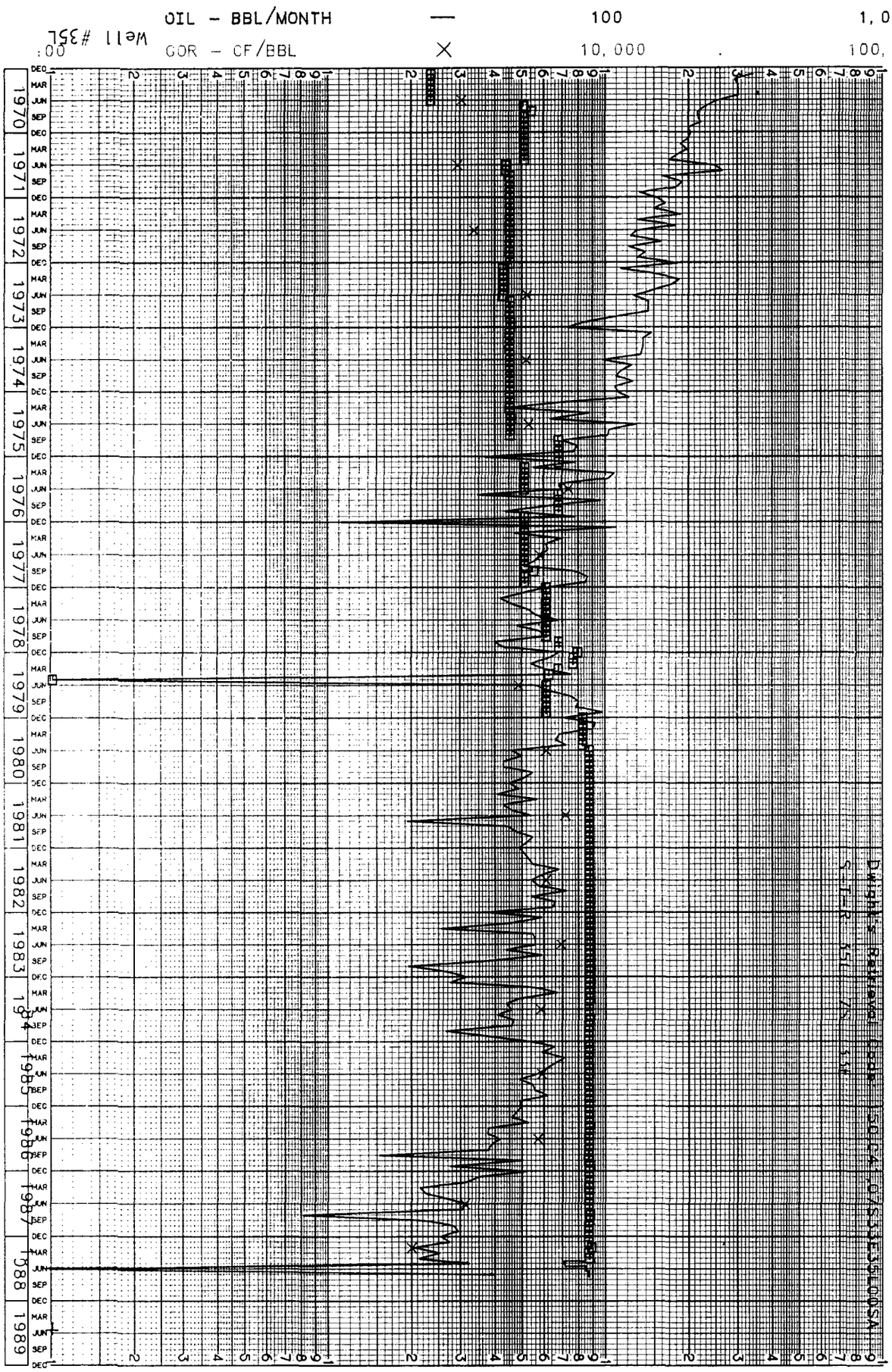


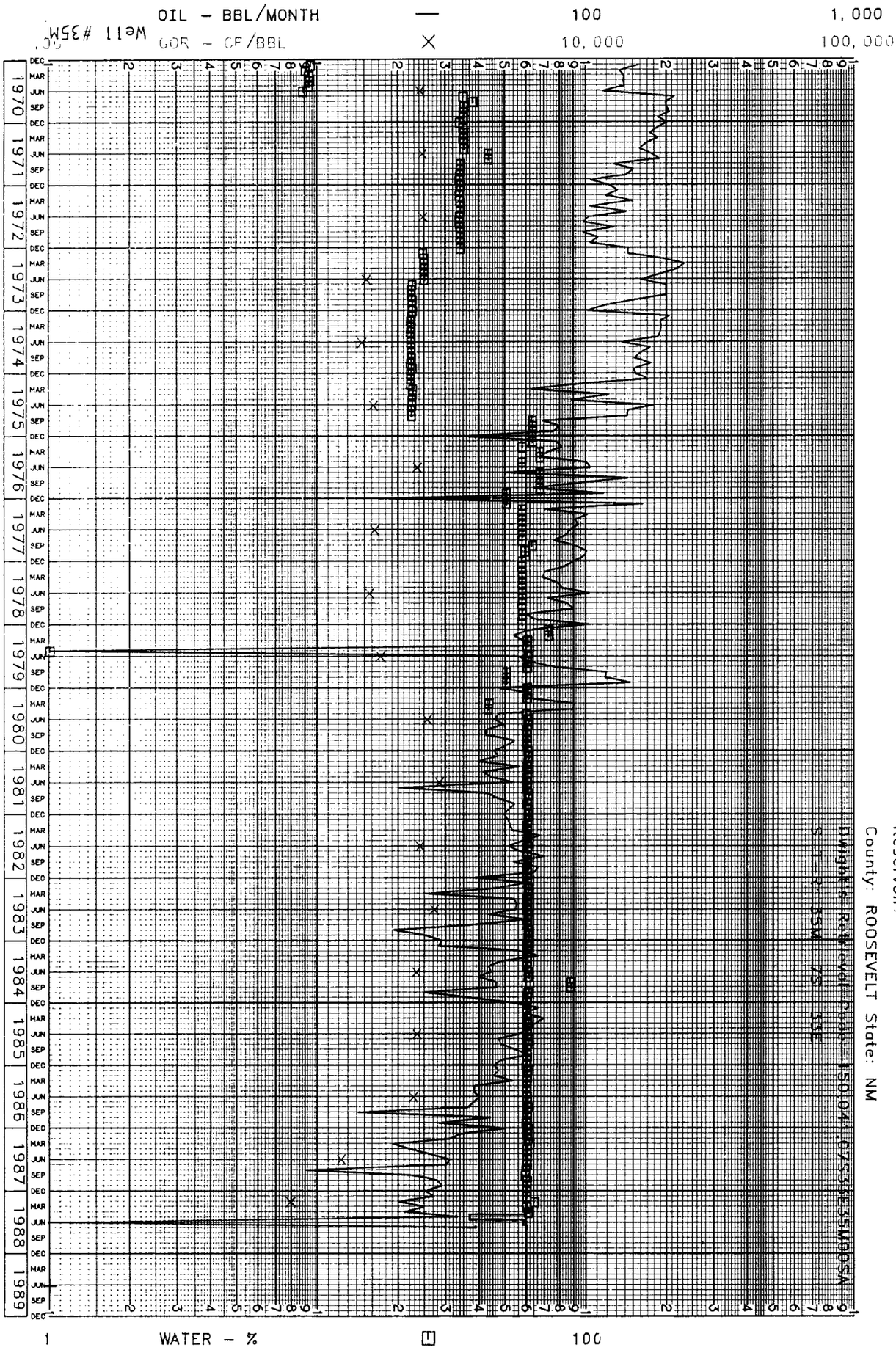
Operator: TEXACO PRODUCING INC
Lease: HOBBS T Well No: 000014
Field: CHAVEROO SAN ANDRES SA
Reservoir:
County: ROOSEVELT State: NM



Operator: MERLIN EXPLORATION INC
Lease: STATE CV Well No: 000001
Field: CHAVEROO SAN ANDRES SA
Reservoir:
County: ROOSEVELT State: NM

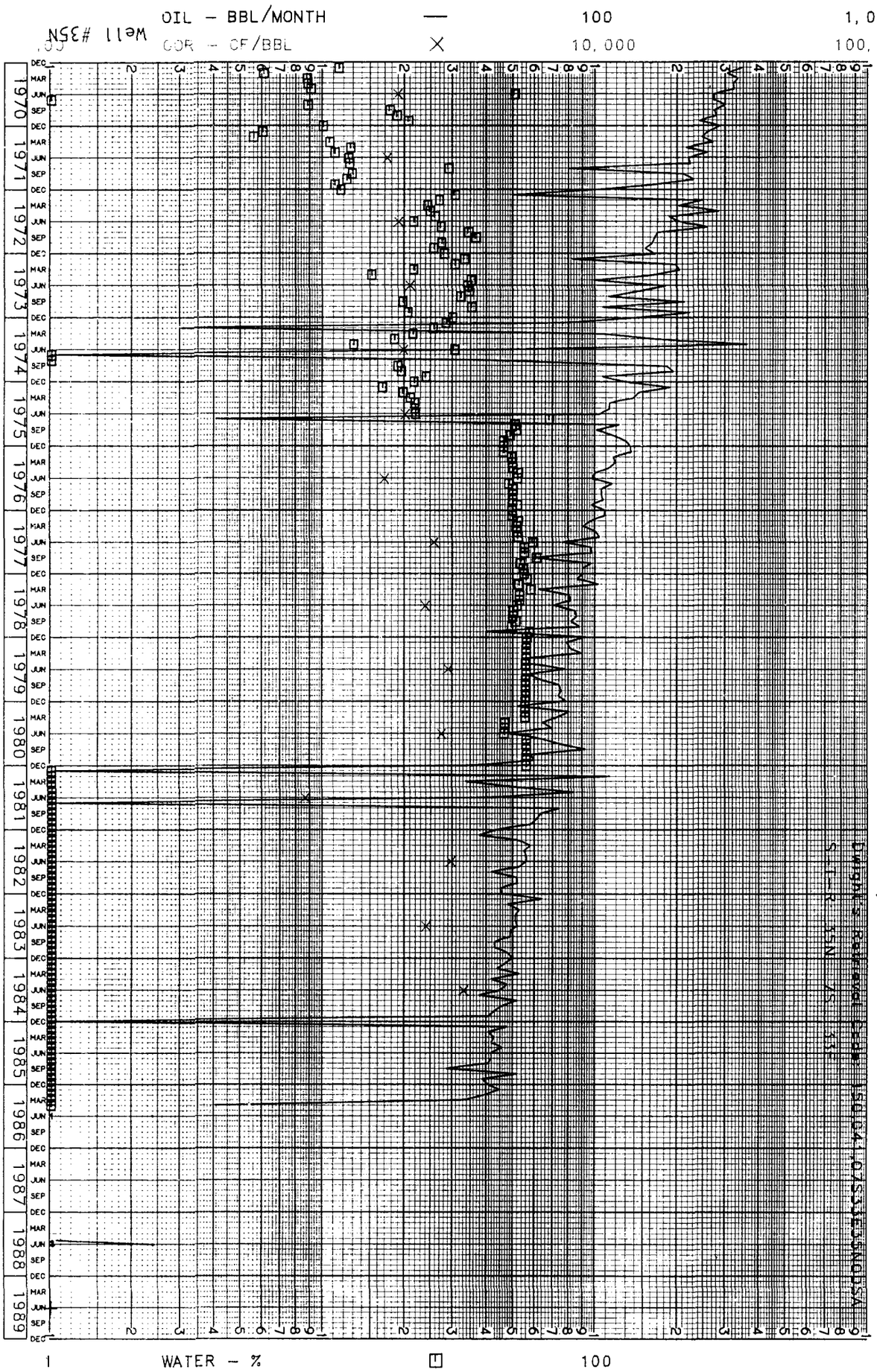



OIL - BBL/MONTH
GOR - CF/BBL
WATER - %
1
100
1,000
10,000
100,000
1970
1971
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Operator: MARATHON OIL CO
Lease: STATE SECTION 35 Well No: 000001
Field: CHAVEROO SAN ANDRES
Reservoir:
County: ROOSEVELT State: NM
Dwight's Retrieval Code: 30-041-07535E35L00SA1
S-T-R: 35L/7S/34E
SA



Operator: MARATHON OIL CO
Lease: STATE SECTION 35 Well No: 000002
Field: CHAVEROO SAN ANDRES
Reservoir: SA
County: ROOSEVELT State: NM

56

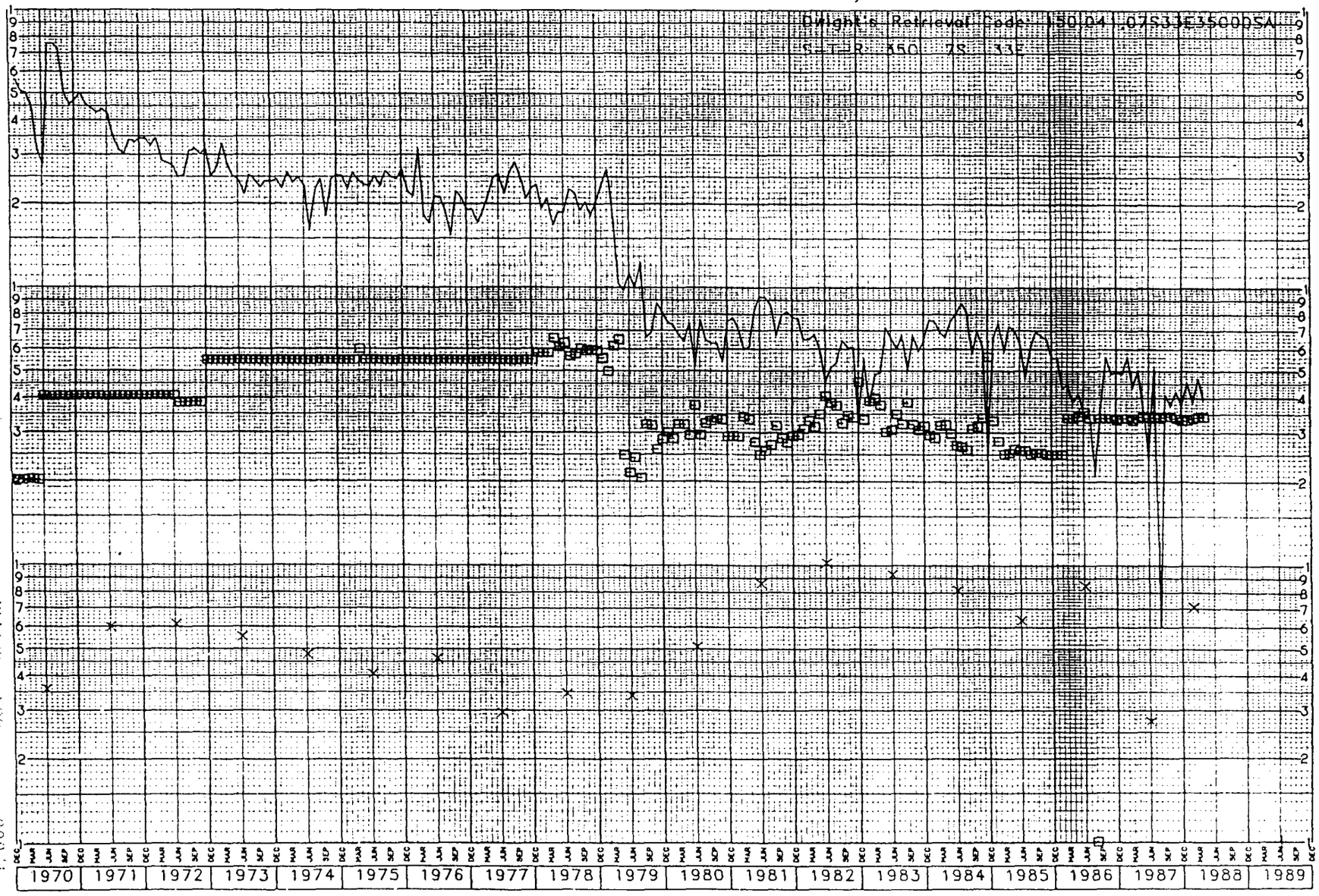


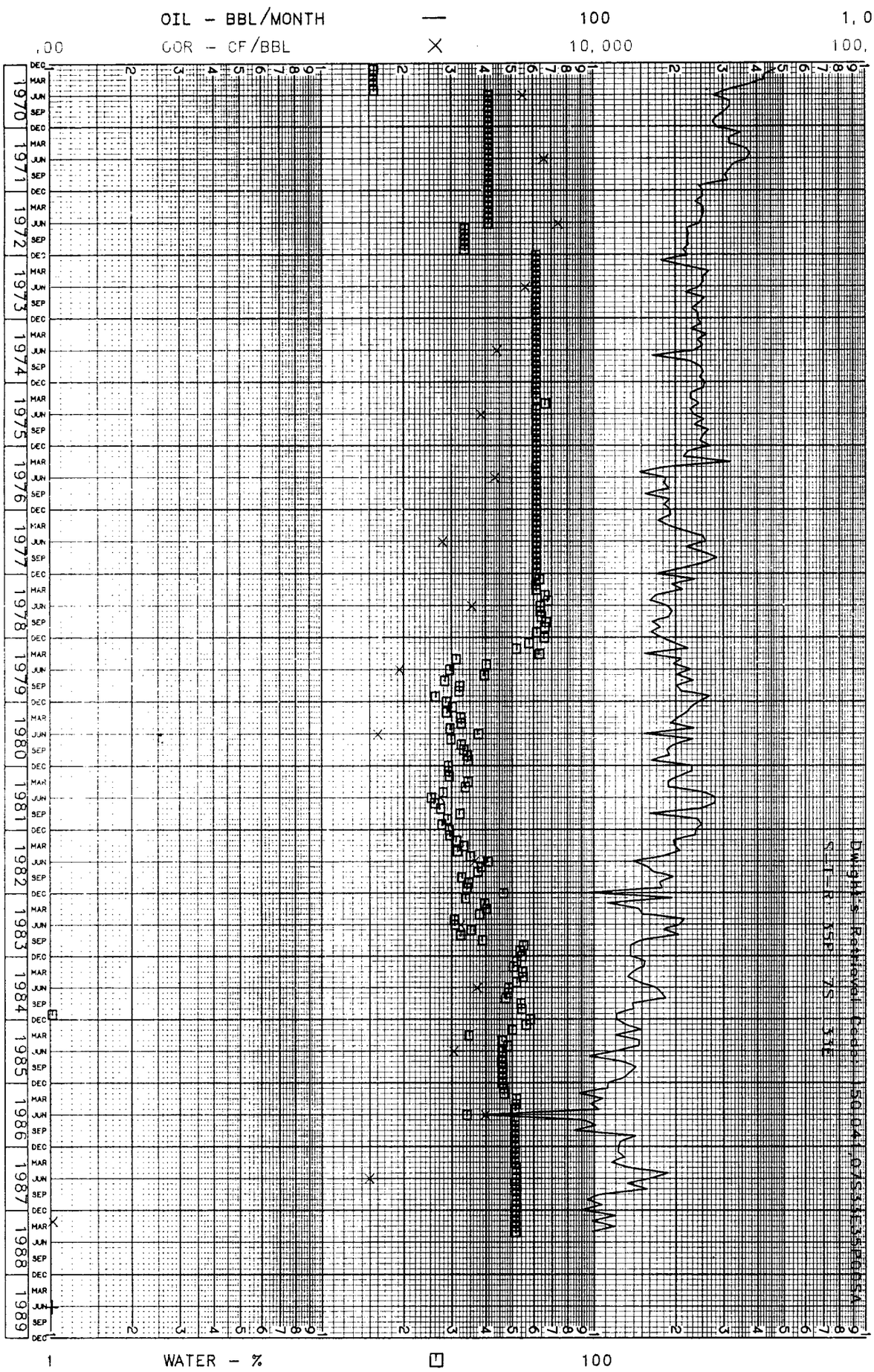
Operator: MERLIN EXPLORATION INC
Lease: STATE DE Well No: 000001
Field: CHAVERCO SAN ANDRES
Reservoir:
County: ROOSEVELT State: NM

SA

57

Operator: TEXACO PRODUCING INC
Lease: HOBBS T Well No: 000018
Field: CHAVEROO SAN ANDRES SA
Reservoir:
County: ROOSEVELT State: NM



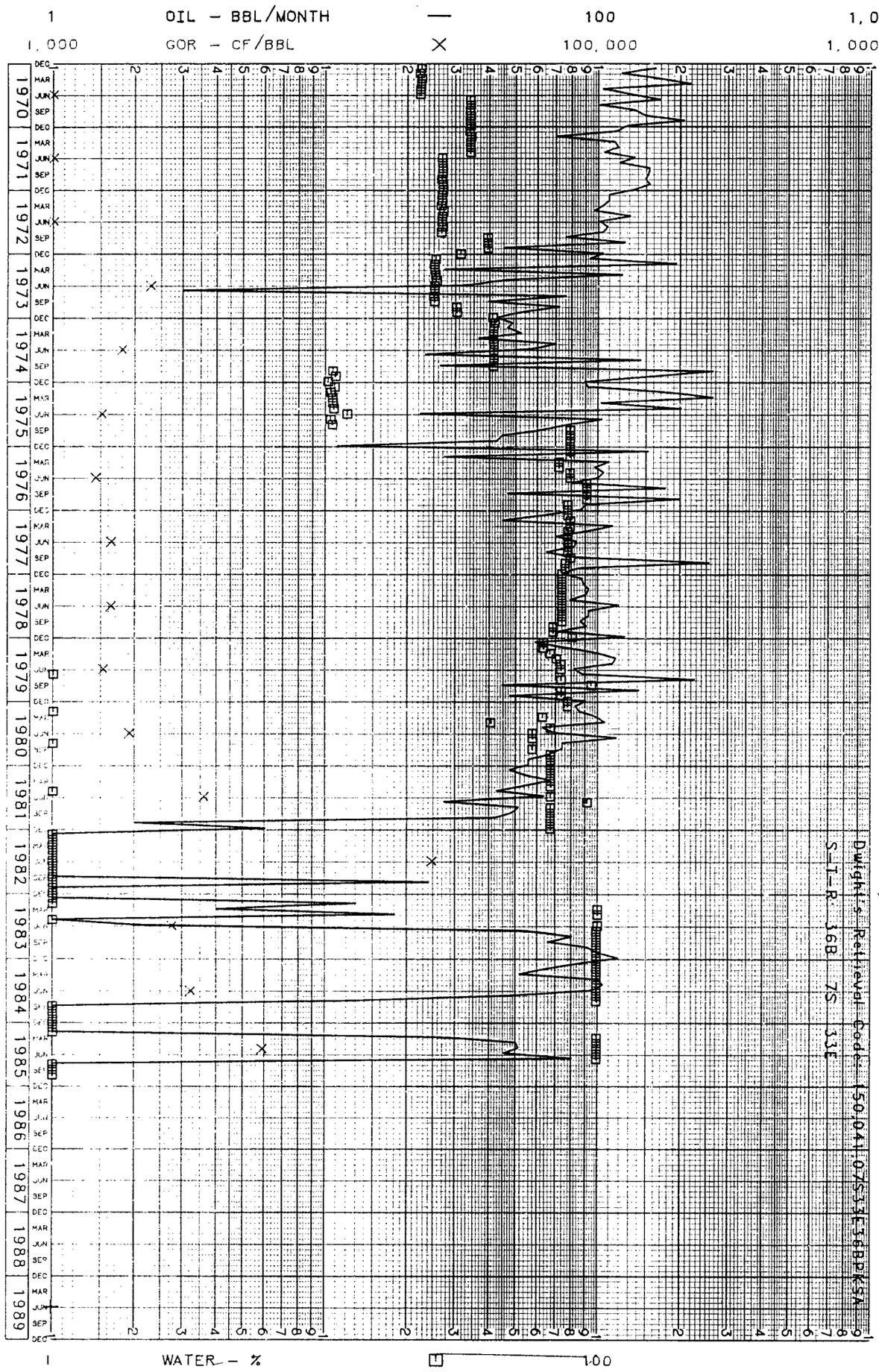


Operator: TEXACO PRODUCING INC
Lease: HOBBS T Well No: 000019
Field: CHAVEROO SAN ANDRES
Reservoir:
County: ROOSEVELT State: NM

Dwight's Retrieval Code: 150 84 .07533E35P60SA
S-T-R: 35P 7S 33E

SA

59

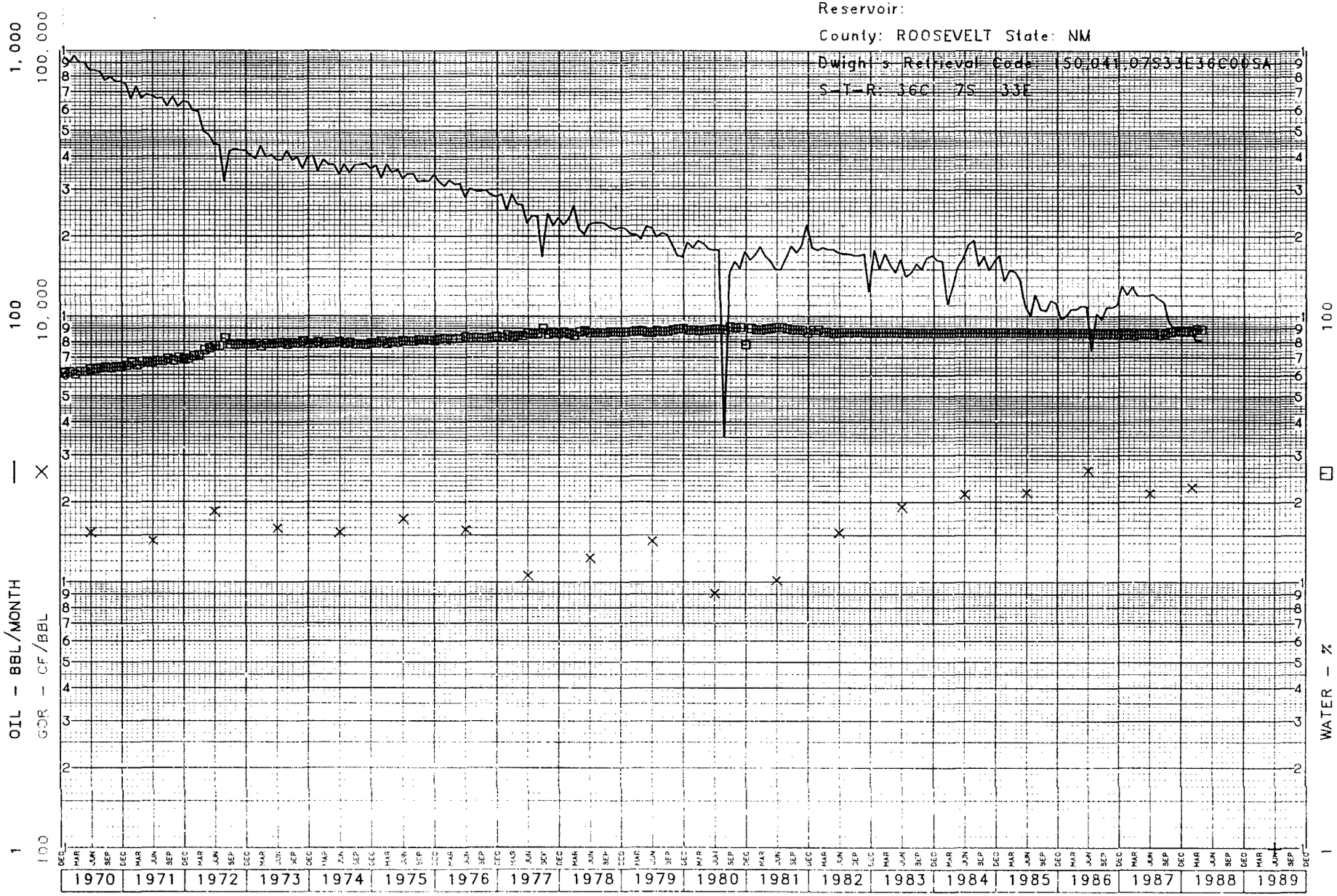


Operator: MARATHON OIL CO
Lease: STATE SECTION 36 Well No: 000001
Field: CHAVEROO SAN ANDRES
Reservoir:
County: ROOSEVELT State: NM
Dwight's Retrieval Code: 50,041,07S33E36BPKSA
S-T-R: 36B 7S 33E

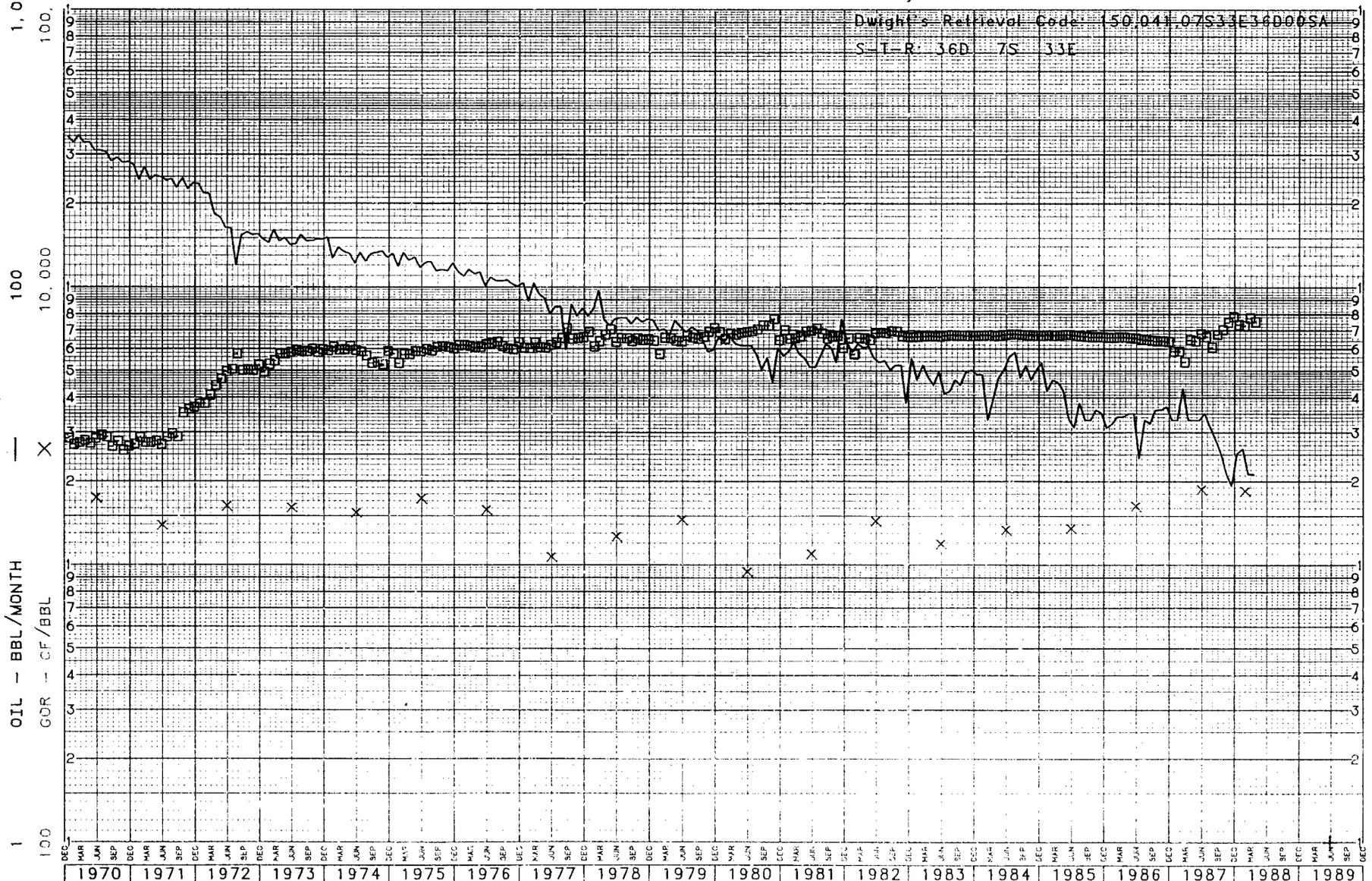
SA

53

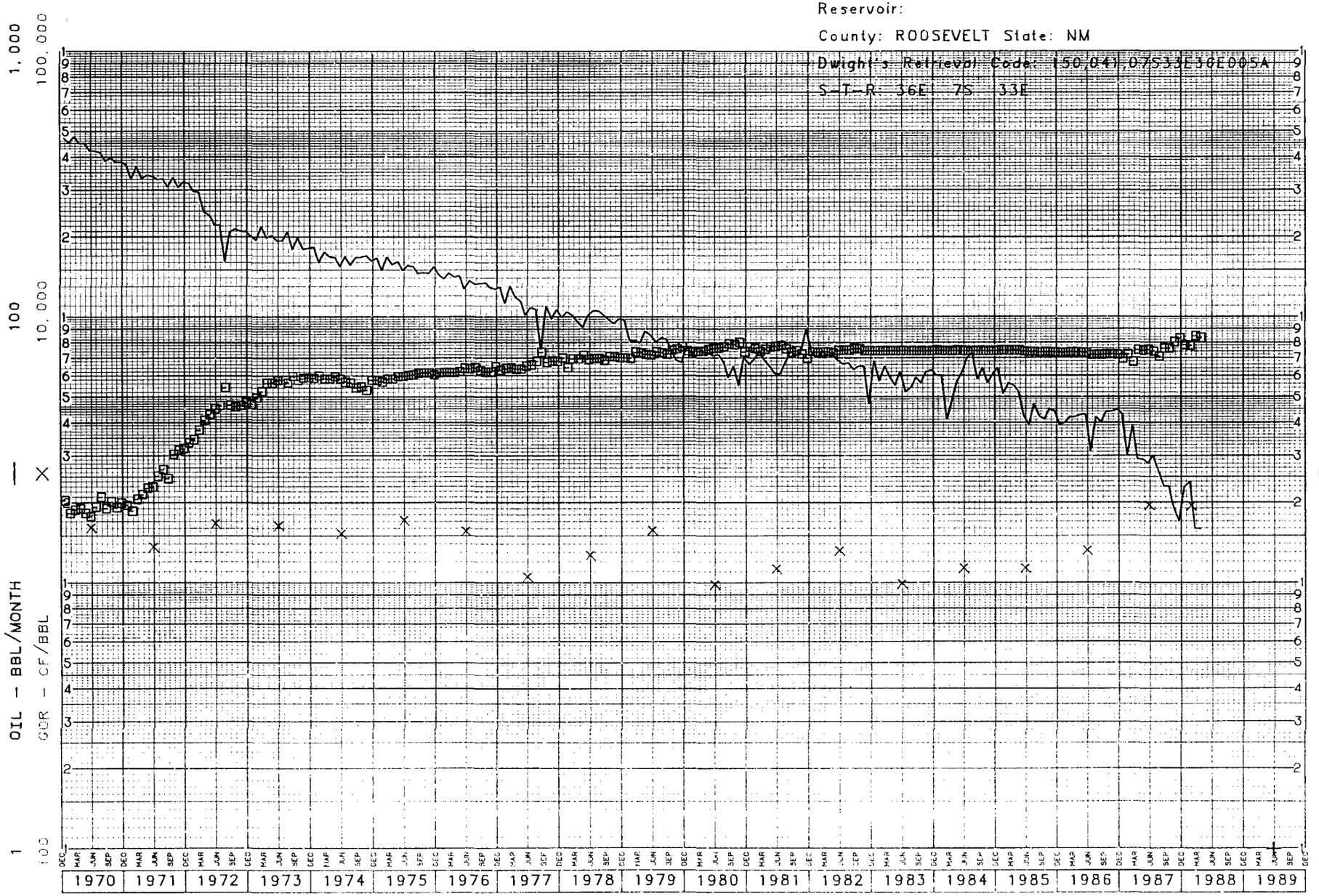
Operator: MYCO PETROLEUM
Lease: STATE K Well No: 000003
Field: CHAVEROO SAN ANDRES SA
Reservoir:
County: ROOSEVELT State: NM
Dwight's Retrieval Code: 30,041,07S33E36C00SA
S-T-R: 36C 7S 33E

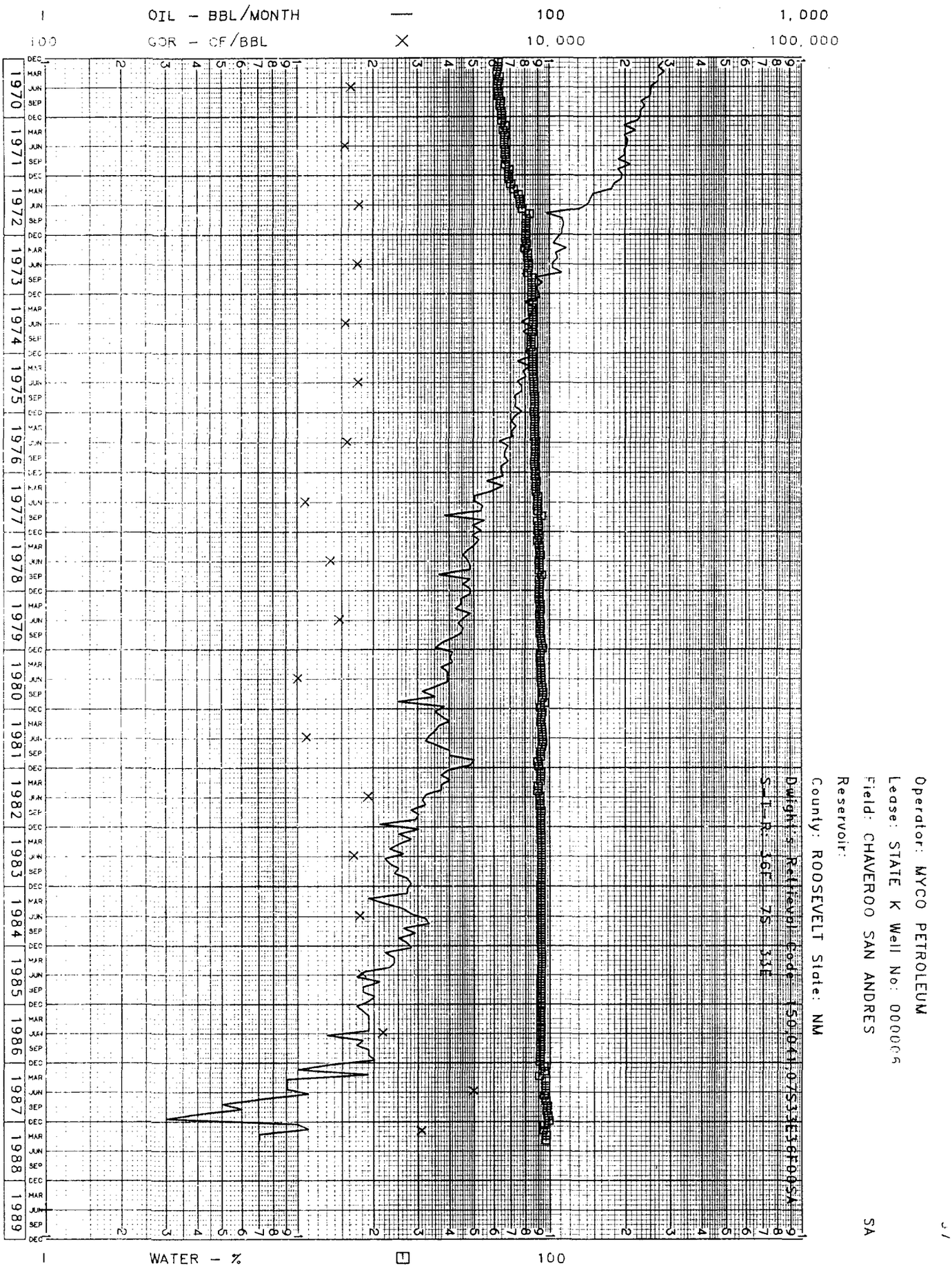


Operator: MYCO PETROLEUM
Lease: STATE K Well No: 000001
Field: CHAVEROO SAN ANDRES SA
Reservoir:
County: ROOSEVELT State: NM
Dwight's Retrieval Code: 50,041,07S33E36D00SA
S-T-R: 36D 7S 33E



Operator: MYCO PETROLEUM
Lease: STATE K Well No: 000002
Field: CHAVEROO SAN ANDRES SA
Reservoir:
County: ROOSEVELT State: NM
Dwight's Retrieval Code: 150,041,07533E30E00SA
S-T-R: 36E 7S 33E

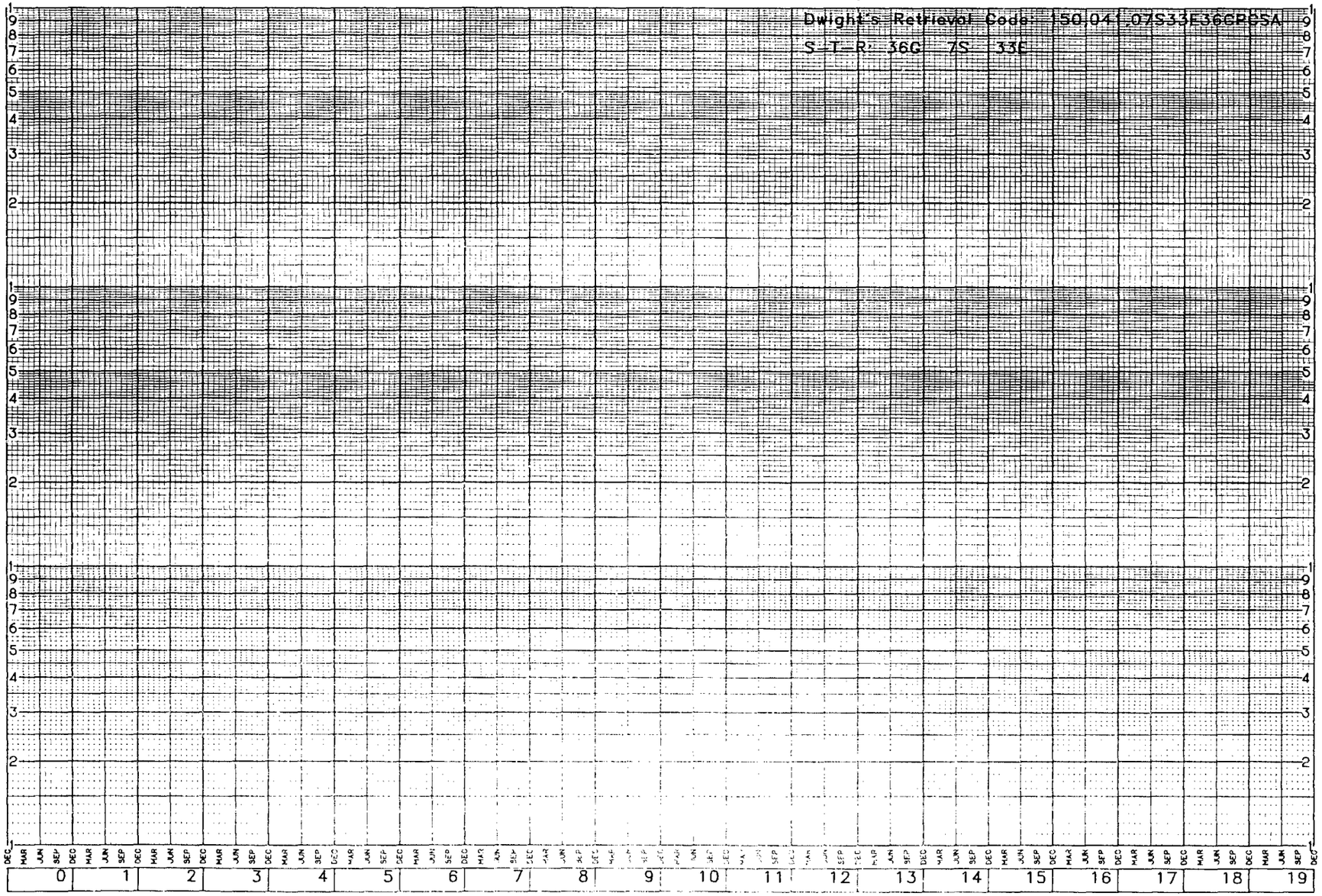




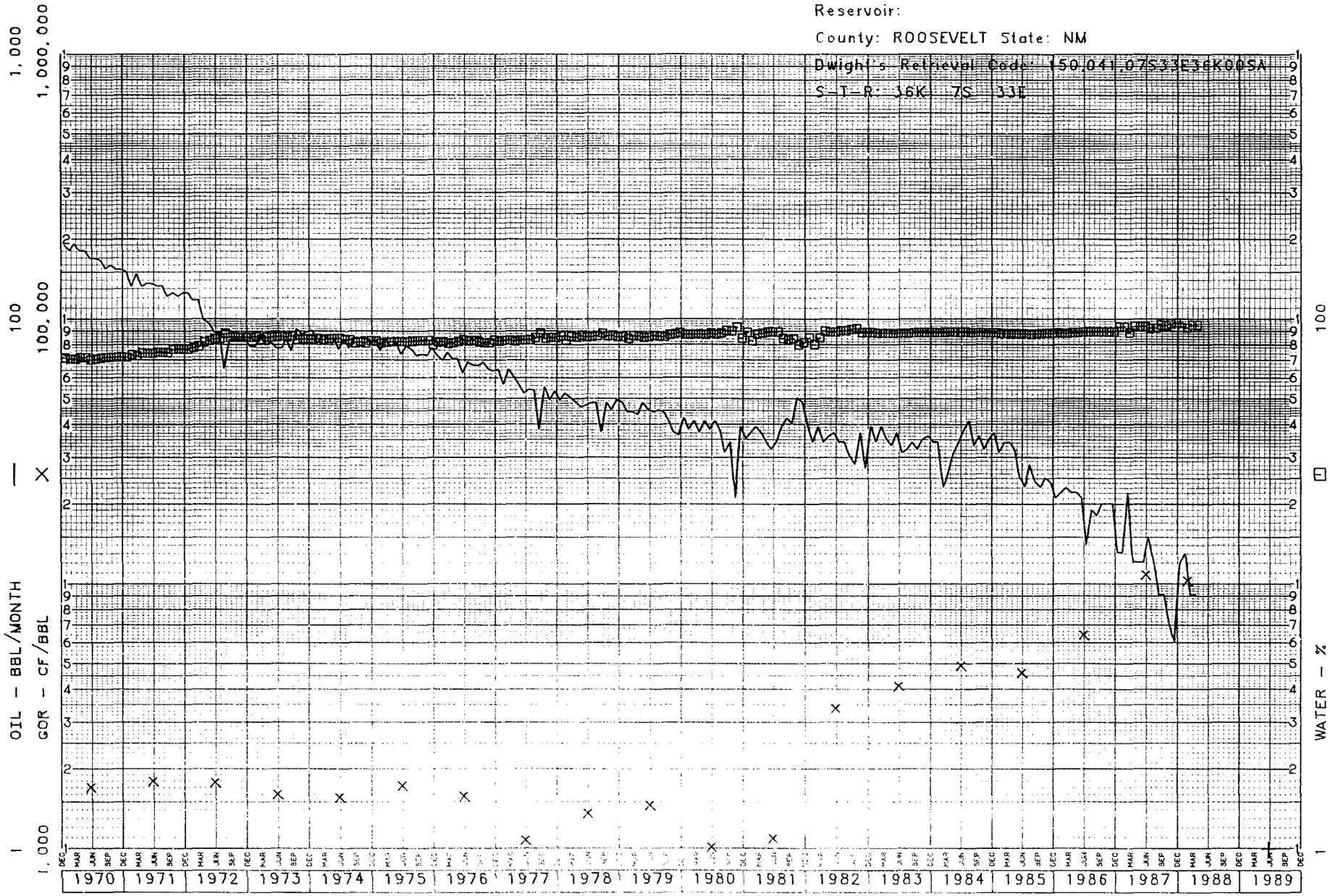
Operator: MYCO PETROLEUM
Lease: STATE K Well No: 000006
Field: CHAVEROO SAN ANDRES
Reservoir:
County: ROOSEVELT State: NM
Dwight's Retrieval Code: 30-041-07S-33E-16-F-00-SA
S-T-R: 36F 7S 33E

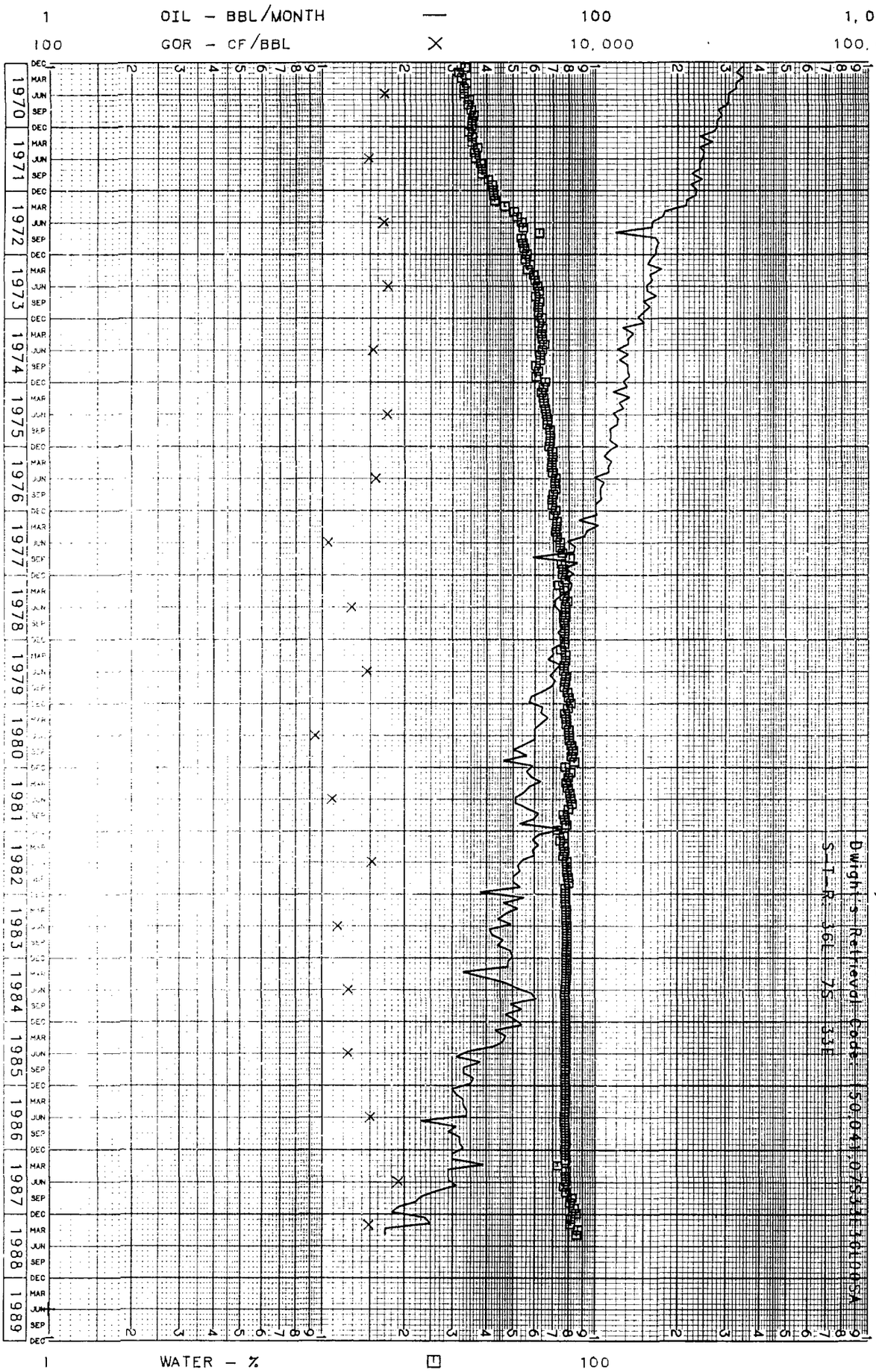
SA

Operator: MARATHON OIL CO
Lease: MARATHON STATE Well No: 000001
Field: CHAVEROO SAN ANDRES SA
Reservoir:
County: ROOSEVELT State: NM
Dwight's Retrieval Code: 150,041,07S33E36CR5SA
S-T-R: 36C 7S 33E



Operator: MYCO PETROLEUM
Lease: STATE K Well No: 000007
Field: CHAVEROO SAN ANDRES SA
Reservoir:
County: ROOSEVELT State: NM
Dwight's Retrieval Code: 150,041,07S33E36K00SA
S-T-R: 36K 7S 33E

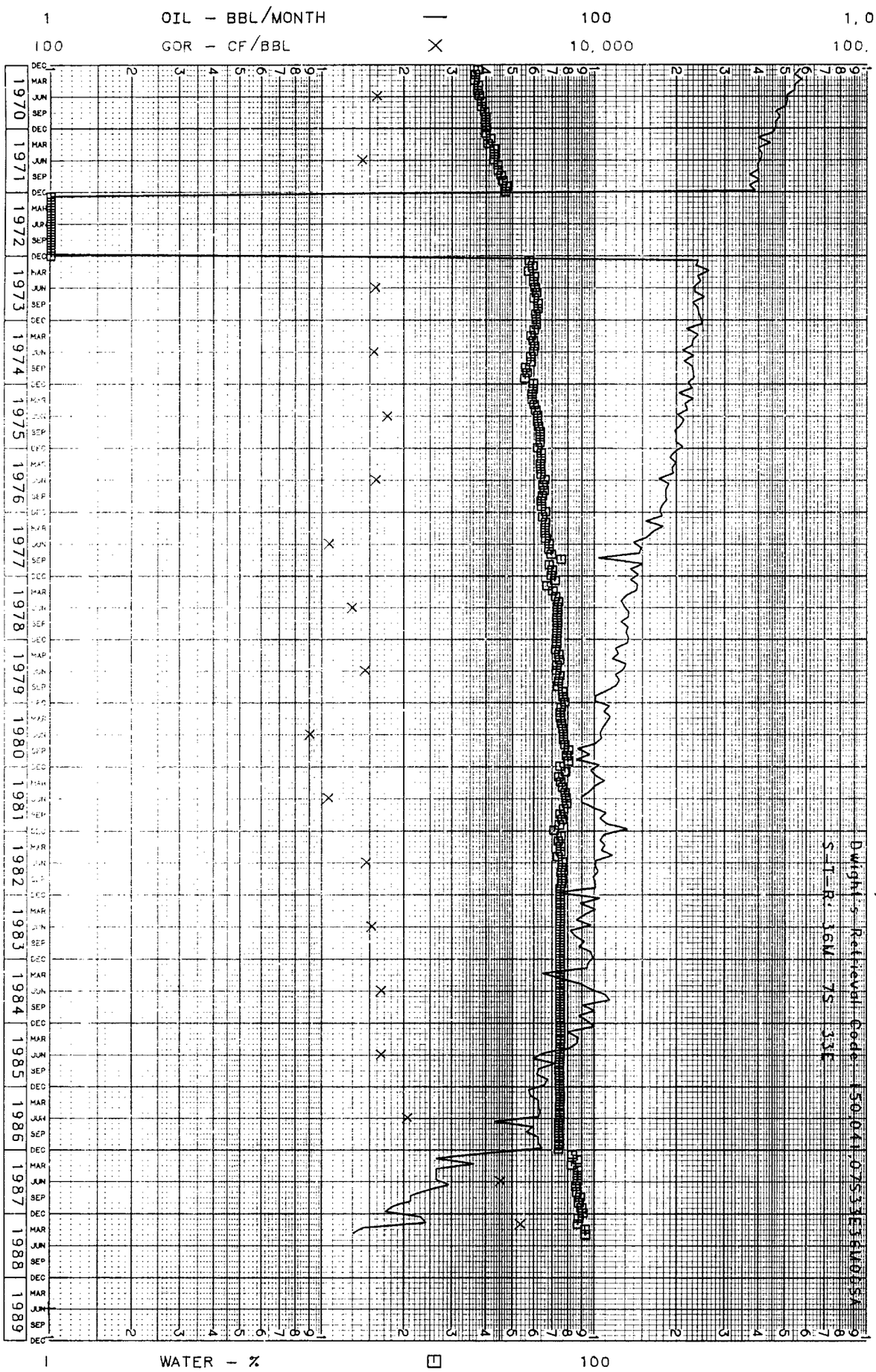


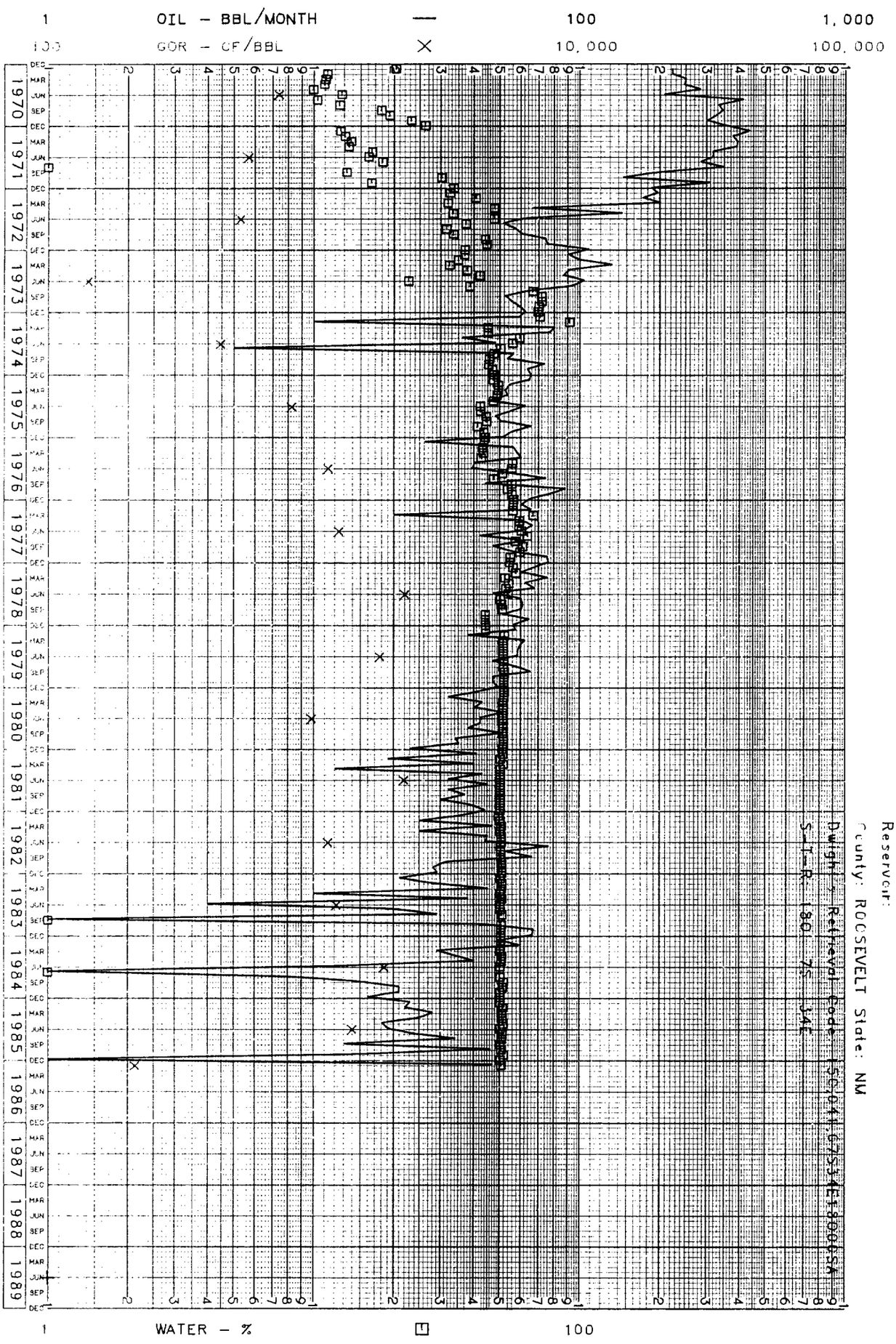


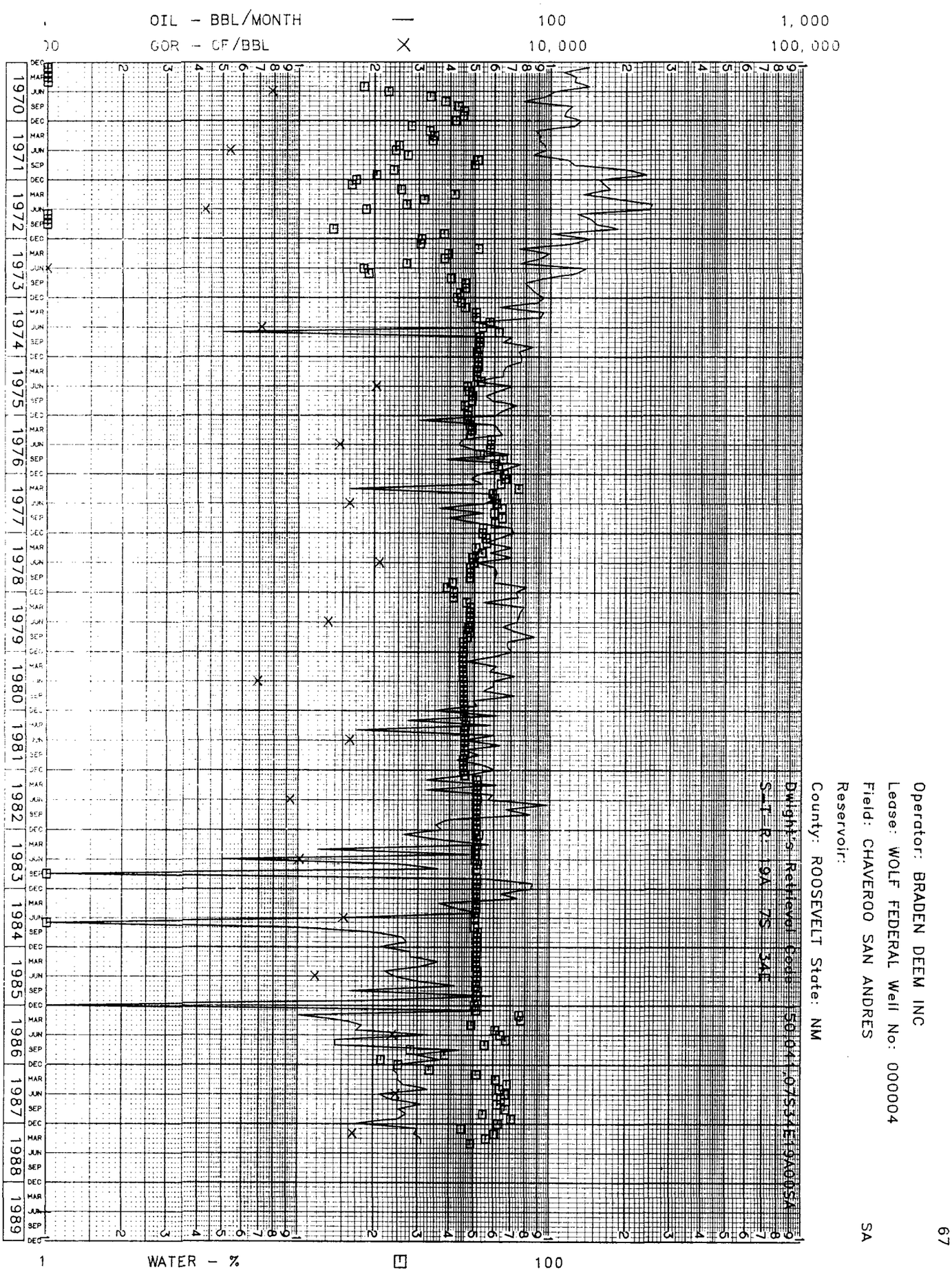
Operator: MYCO PETROLEUM
Lease: STATE K Well No. 000004
Field: CHAVEROO SAN ANDRES
Reservoir:
County: ROOSEVELT State: NM
Dwight's Retrieval Code: 50.041.07533.01000SA
S-T-R 16E 7S 33E

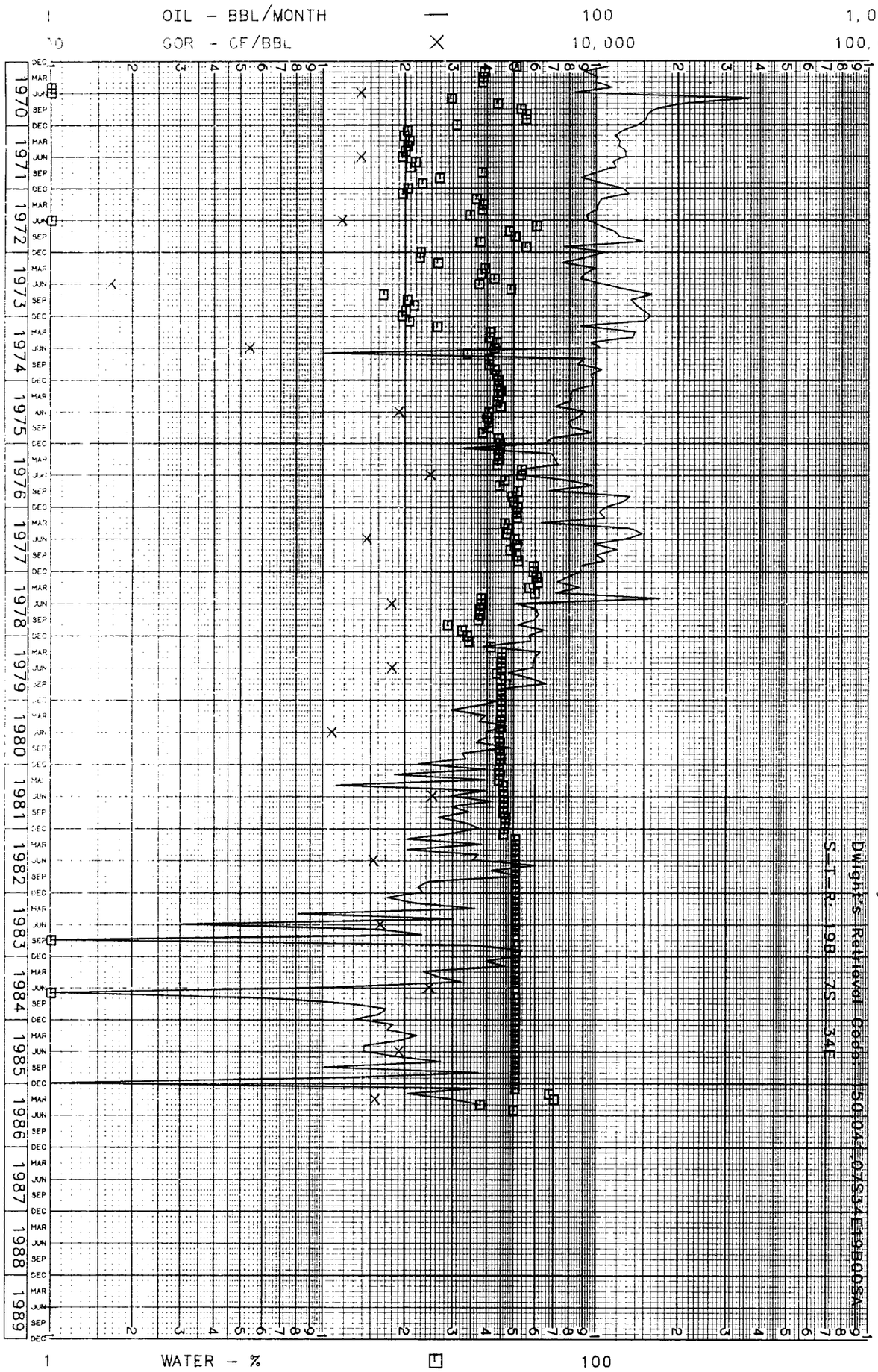
SA

60

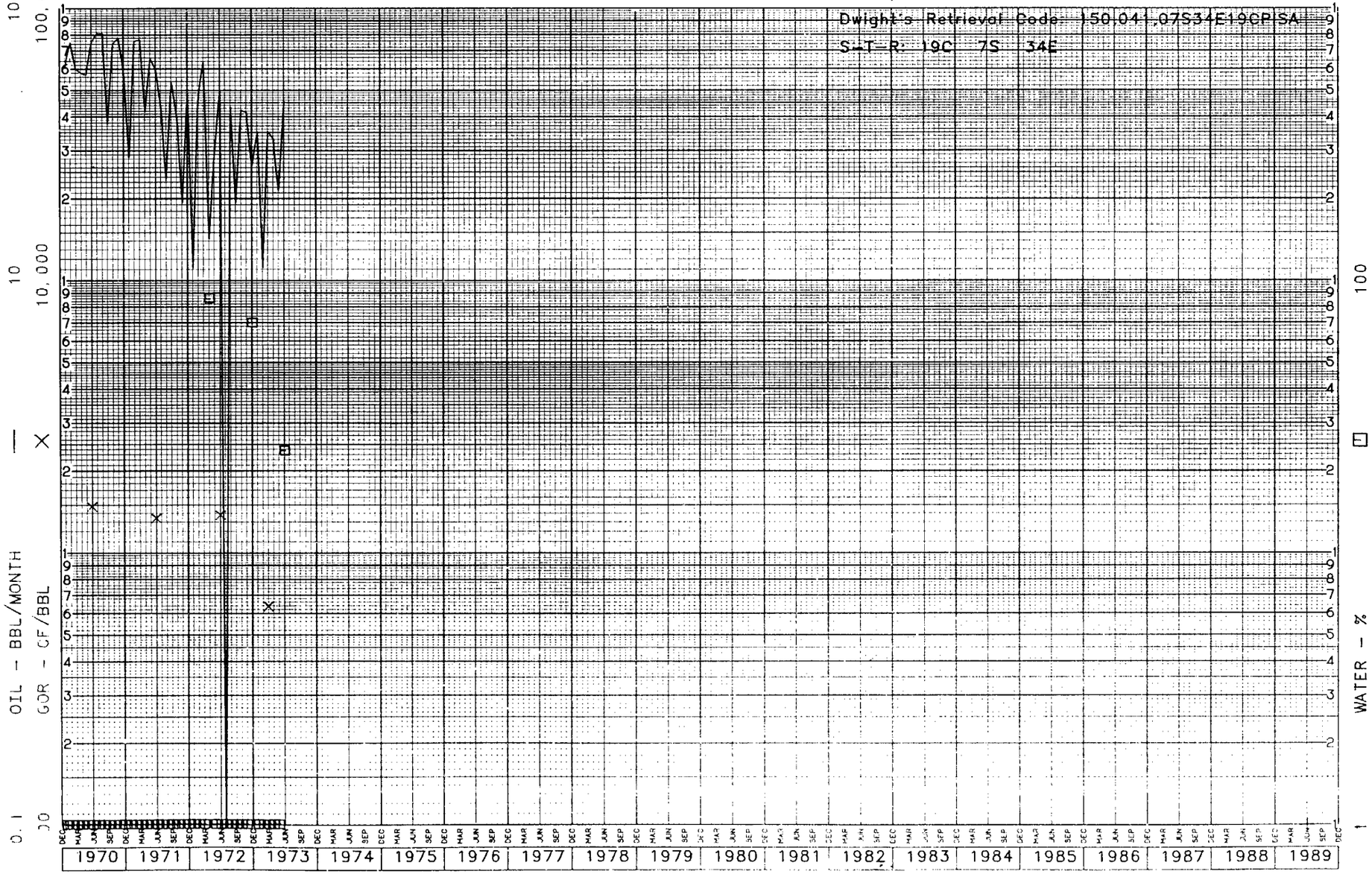

1
OIL – BBL/MONTH
100
1,000
100
GOR – CF/BBL
10,000
100,000
1970
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1975
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1982
1983
1984
1985
1986
1987
1988
1989
1
WATER – %
100
Operator: MYCO PETROLEUM
Lease: STATE K Well No: 000005
Field: CHAVEROO SAN ANDRES
Reservoir:
County: ROOSEVELT State: NM
Dwight's Retrieval Code: 350411.07S.33E.36V0.SA
S-T-R: 36M 7S 33E
SA


1
OIL – BBL/MONTH
100
1,000
100
GOR – CF/BBL
10,000
100,000
1970
1971
1972
1973
1974
1975
1976
1977
1978
1979
1980
1981
1982
1983
1984
1985
1986
1987
1988
1989
WATER – %
100
Operator: BRADEN DEEM INC
Lease: WOLF FEDERAL Well No: 00003
Field: CHAVEROO SAN ANDRES
Reservoir:
County: ROOSEVELT State: NM
Dwight's Retrieval Code: 5C 041,675 34E 30000 SA
S-T-R: 18S-?S-34E
SA

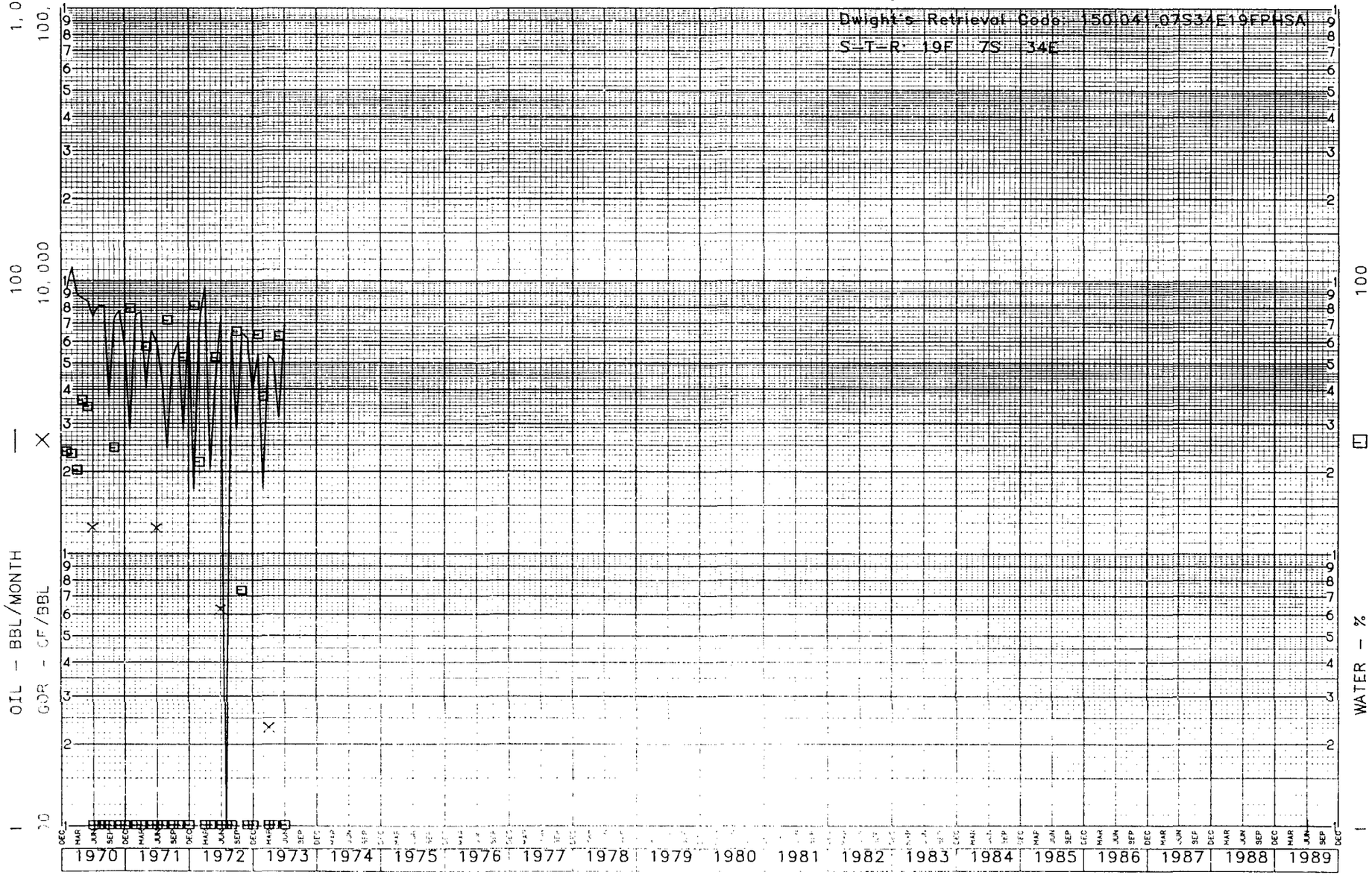

OIL - BBL/MONTH
100
1,000
GOR - CF/BBL
10,000
100,000
WATER - %
1
100
1970
1971
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1988
1989
Operator: BRADEN DEEM INC
Lease: WOLF FEDERAL Well No: 000004
Field: CHAVEROO SAN ANDRES
Reservoir:
County: ROOSEVELT State: NM
Dwight's Retrieval Code: 50 04 07S 34E 9A 05SA
S-T-R: 9A 7S 34E
67
SA


OIL - BBL/MONTH
100
1,000
GOR - CF/BBL
10,000
100,000
WATER - %
100
1970
1971
1972
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1974
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1989
Operator: BRADEN DEEM INC
Lease: WOLF FEDERAL Well No: 000002
Field: CHAVEROO SAN ANDRES
Reservoir:
County: ROOSEVELT State: NM
Dwight's Retrieval Code: 150104.07S34E19BOOSA
S-T-R: 19B 7S 34E
SA
68

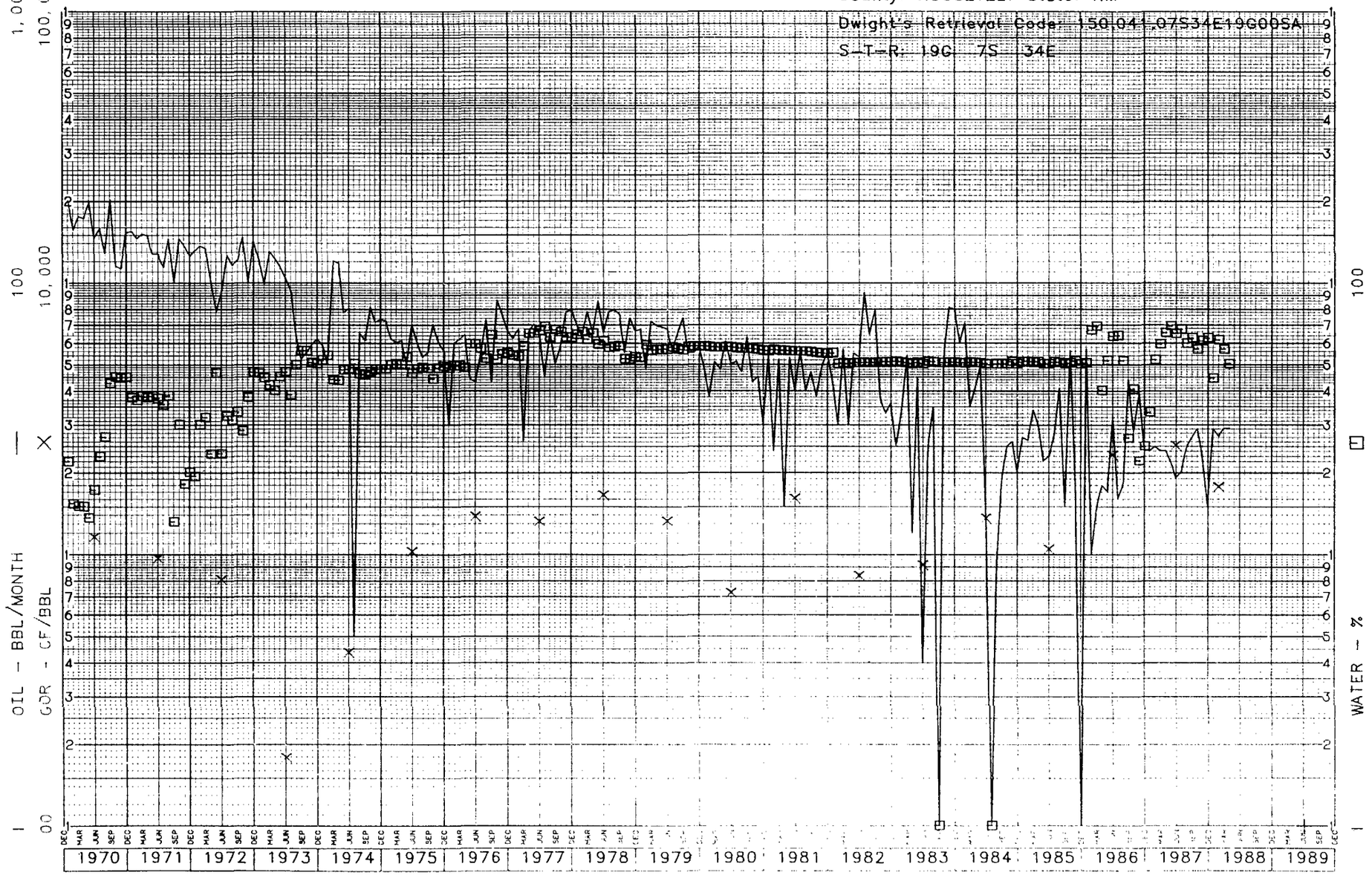
Operator: DALPORT OIL CORP
Lease: HINKLE FEDERAL Well No: 000002
Field: CHAVEROO SAN ANDRES SA
Reservoir:
County: ROOSEVELT State: NM



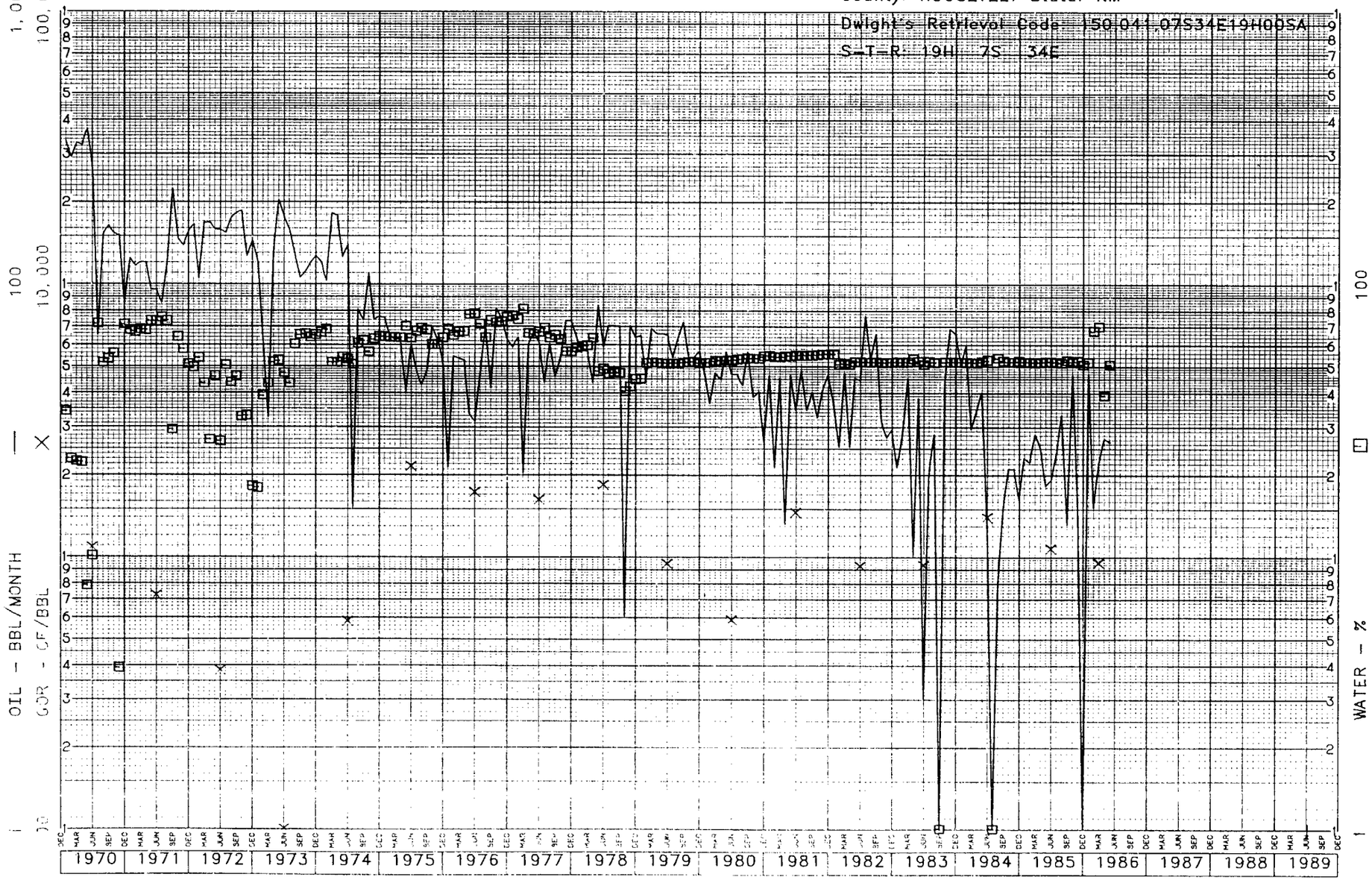
Operator: DALPORT OIL CORP
Lease: HINKLE FEDERAL Well No: 000001
Field: CHAVEROO SAN ANDRES SA
Reservoir:
County: ROOSEVELT State: NM
Dwight's Retrieval Code: 150.041.07S34E19FPHSA
S-T-R: 19F 7S 34E



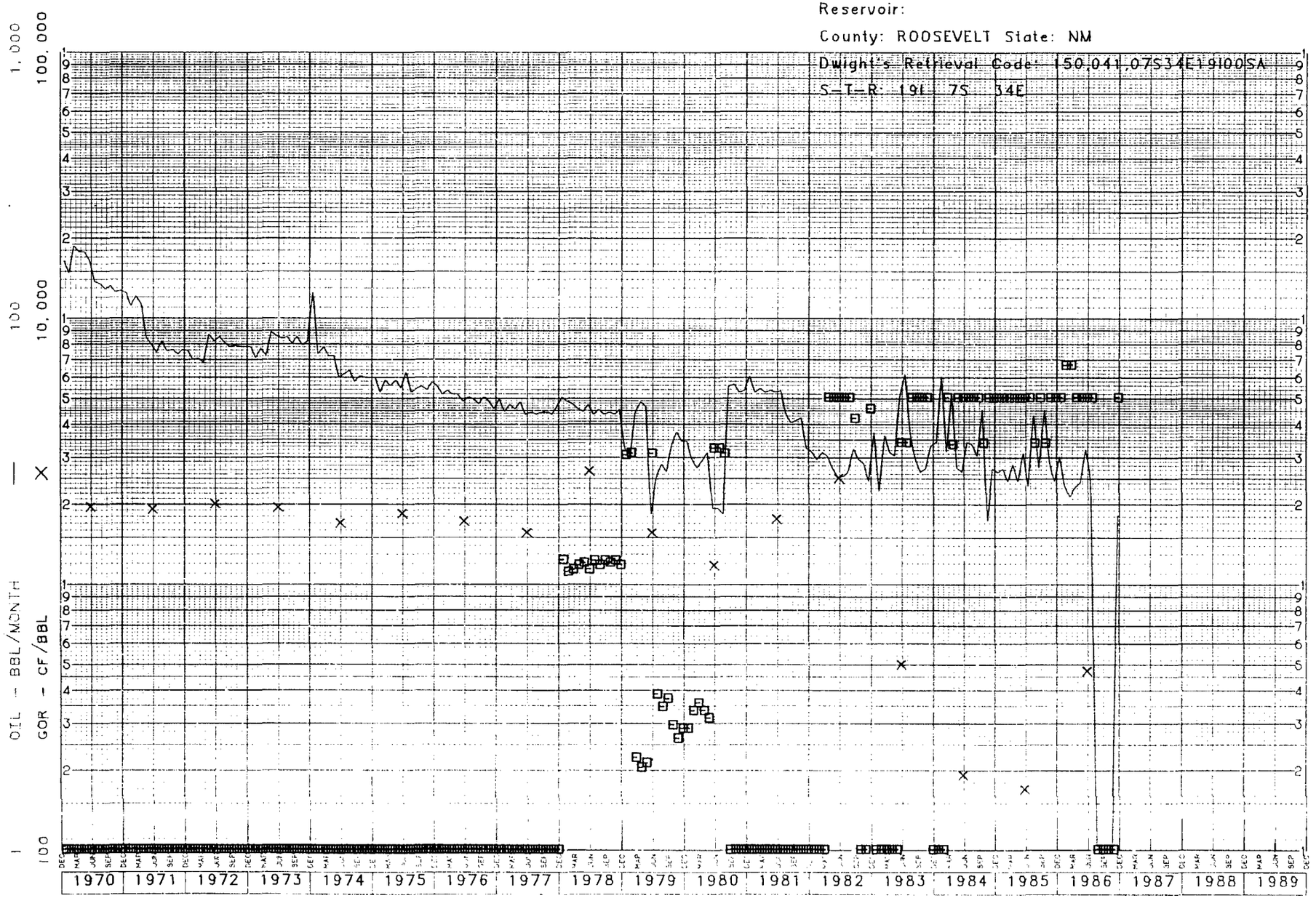
Operator: BRADEN DEEM INC
Lease: WOLF FEDERAL Well No: 000001
Field: CHAVEROO SAN ANDRES SA
Reservoir:
County: ROOSEVELT State: NM
Dwight's Retrieval Code: 1.50,041,07S34E19G00SA
S-T-R: 19G 7S 34E



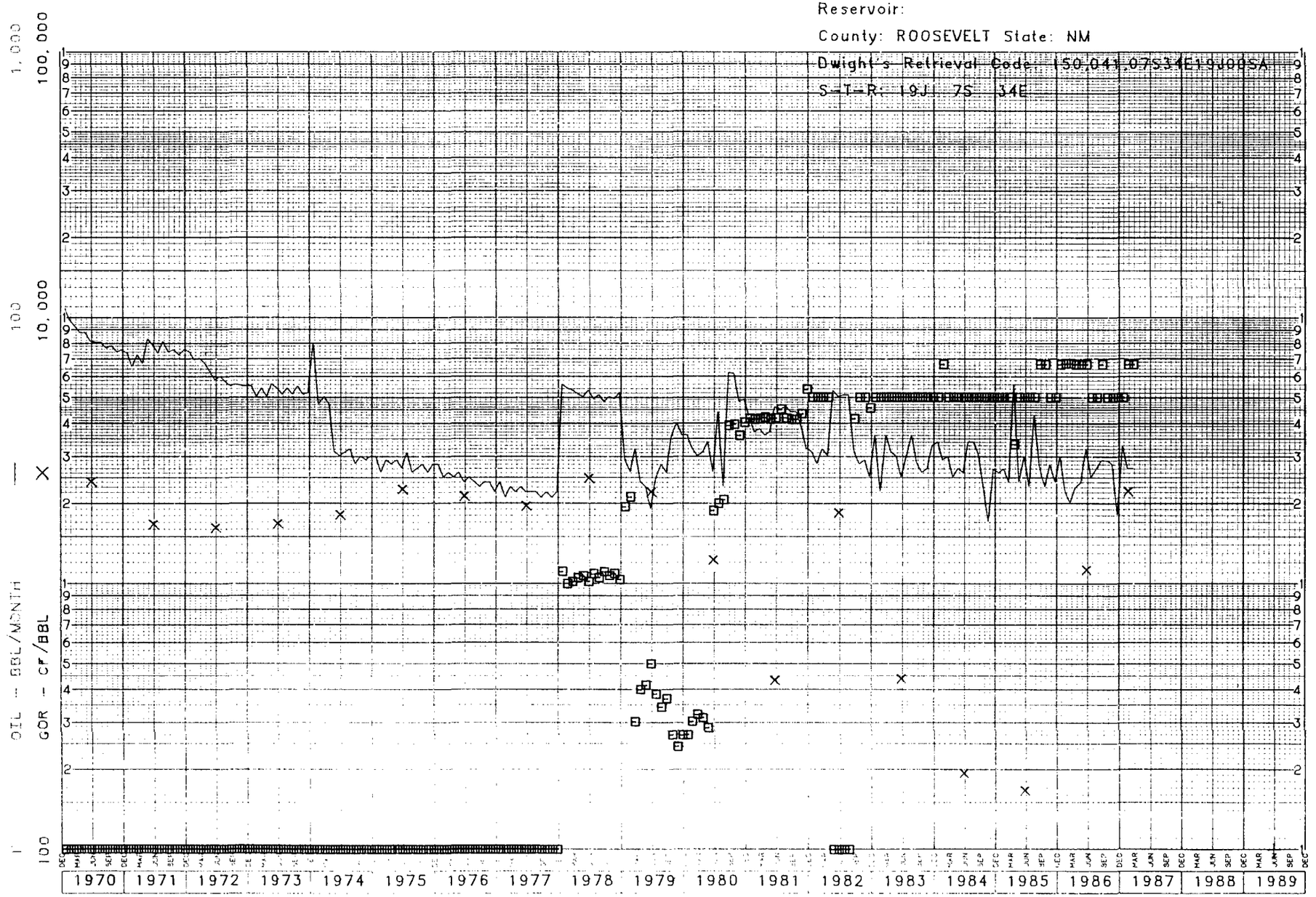
Operator: BRADEN DEEM INC
Lease: WOLF FEDERAL Well No: 000005
Field: CHAVEROO SAN ANDRES SA
Reservoir:
County: ROOSEVELT State: NM
Dwight's Retrieval Code: 150.041.07S34E19H00SA
S-T-R: 19H 7S 34E



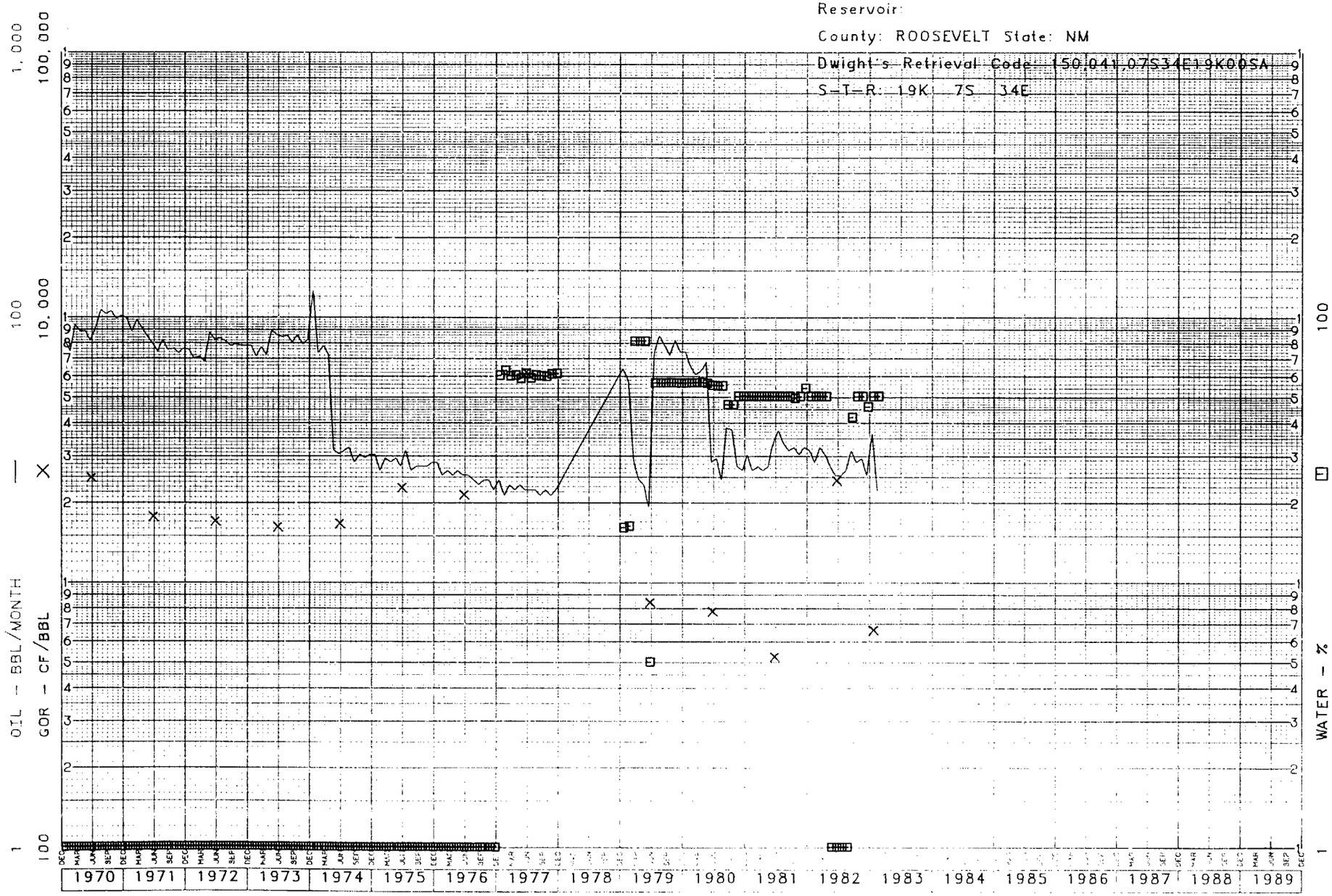
Operator: KERR MCGEE CORP
Lease: STATE G Well No: 000005
Field: CHAVEROO SAN ANDRES SA
Reservoir:
County: ROOSEVELT State: NM
Dwight's Retrieval Code: 150,041,07S34E19100SA
S-T-R: 19 7S 34E



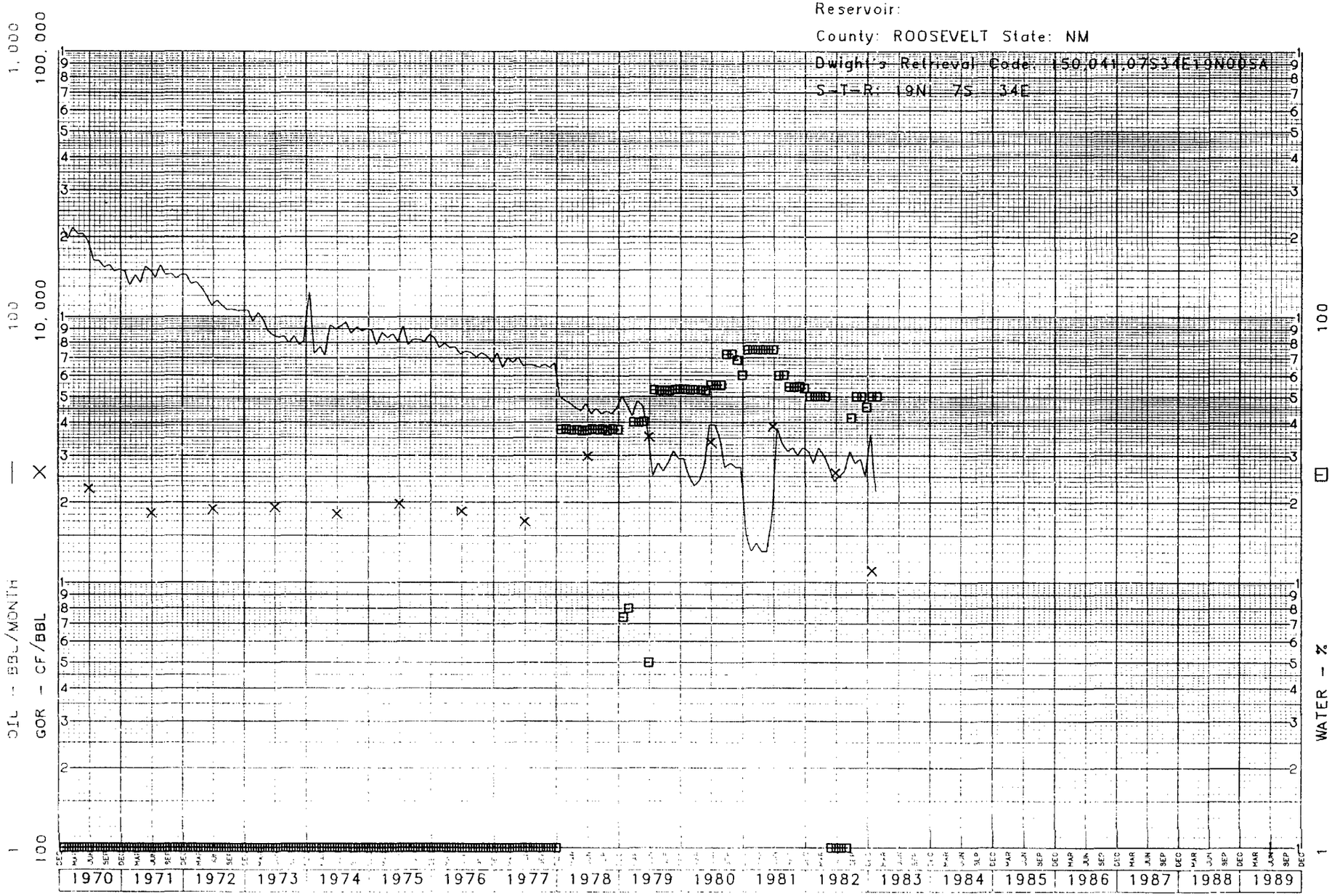
Operator: KERR MCGEE CORP
Lease: STATE G Well No: 000003
Field: CHAVEROO SAN ANDRES SA
Reservoir:
County: ROOSEVELT State: NM
Dwight's Retrieval Code: 150,041,07S34E19J00SA
S-T-R: 19J 7S 34E



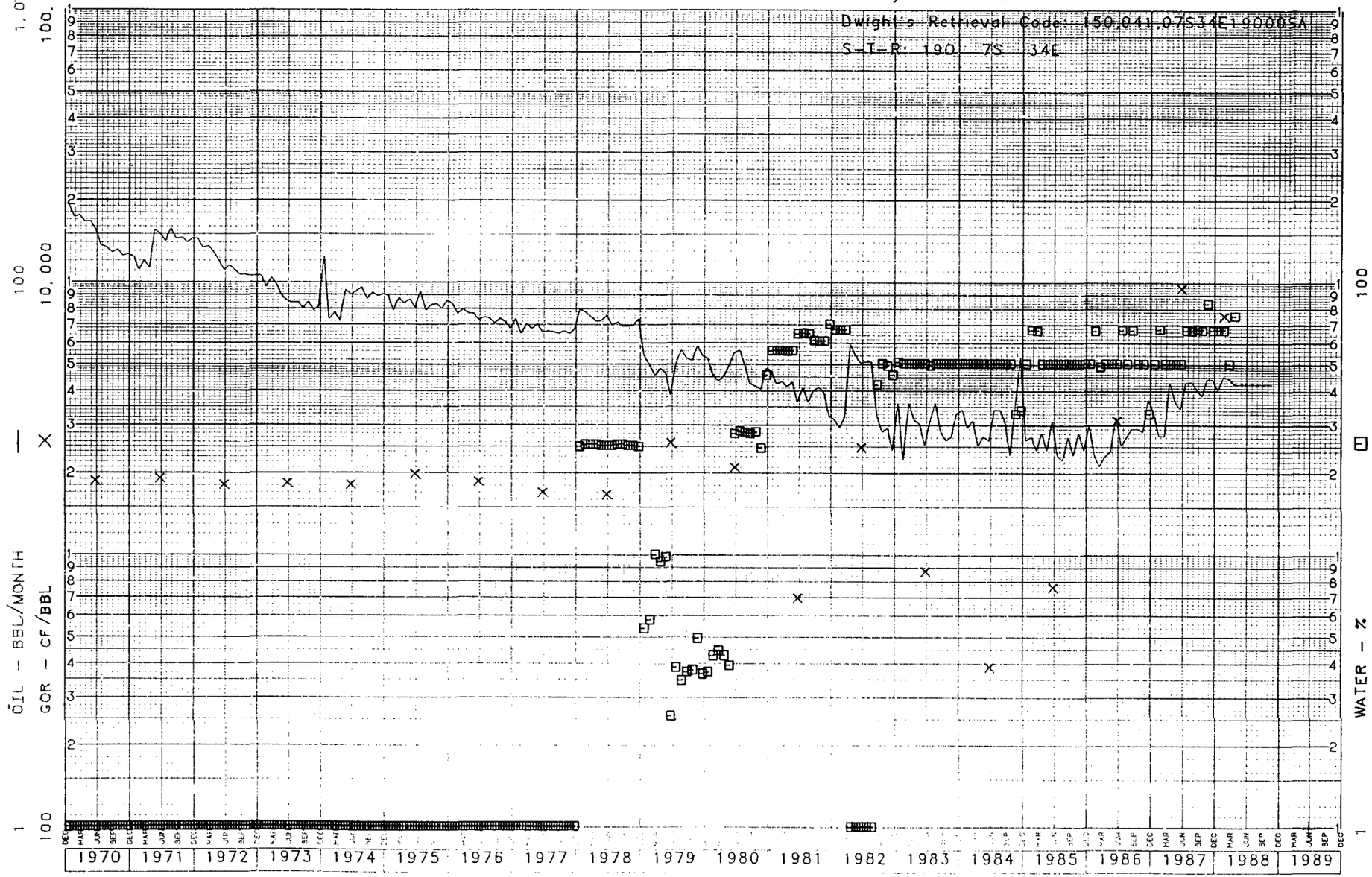
Operator: KERR MCGEE CORP
Lease: STATE G Well No: 000001
Field: CHAVEROO SAN ANDRES SA
Reservoir:
County: ROOSEVELT State: NM
Dwight's Retrieval Code: 150,041,07S34E19K00SA
S-T-R: 19K 7S 34E



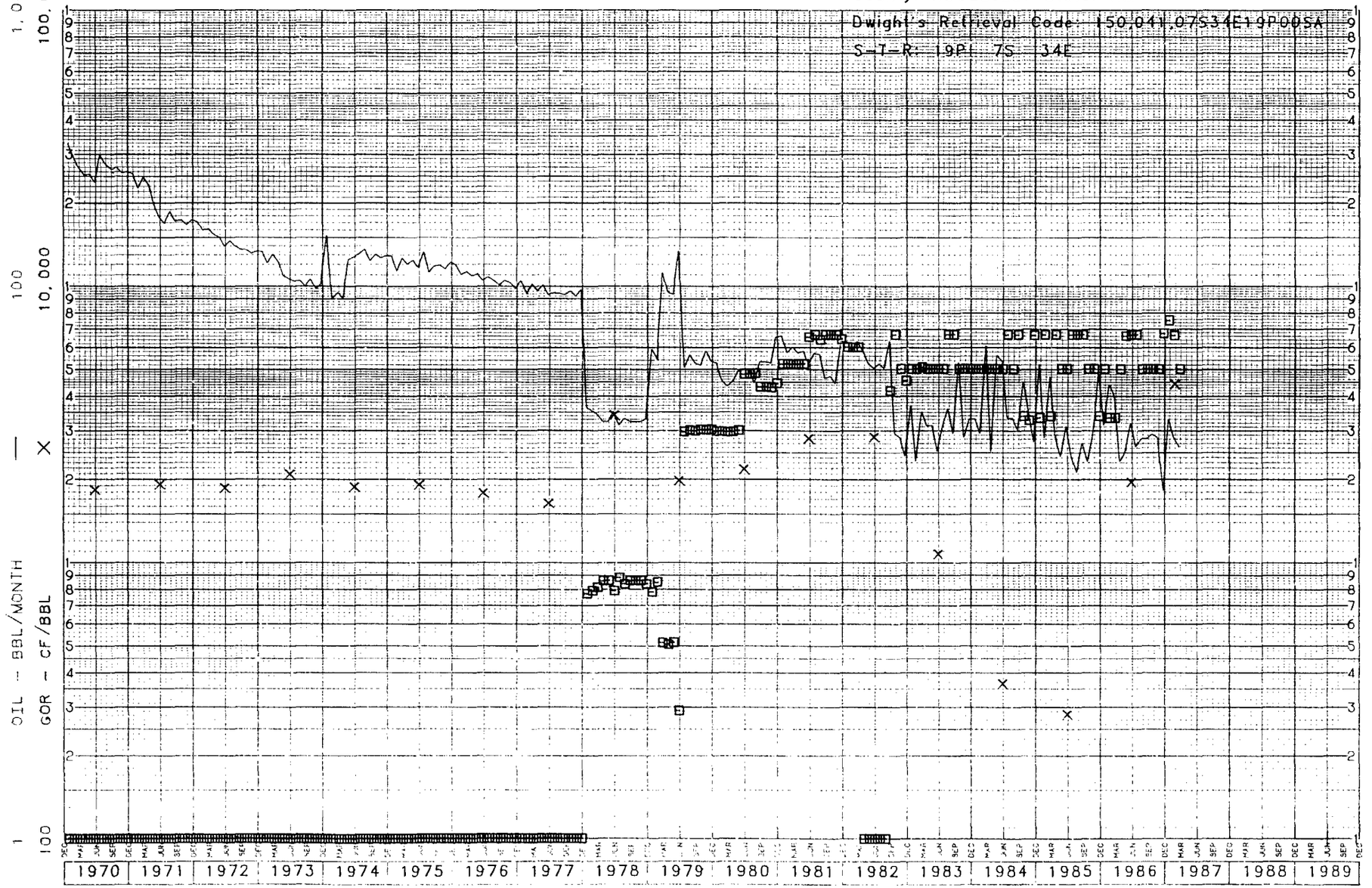
Operator: KERR MCGEE CORP
Lease: STATE G Well No: 000002
Field: CHAVEROO SAN ANDRES SA
Reservoir:
County: ROOSEVELT State: NM
Dwight's Retrieval Code: 150,041,07S34E19N00SA
S-T-R: 19N 7S 34E

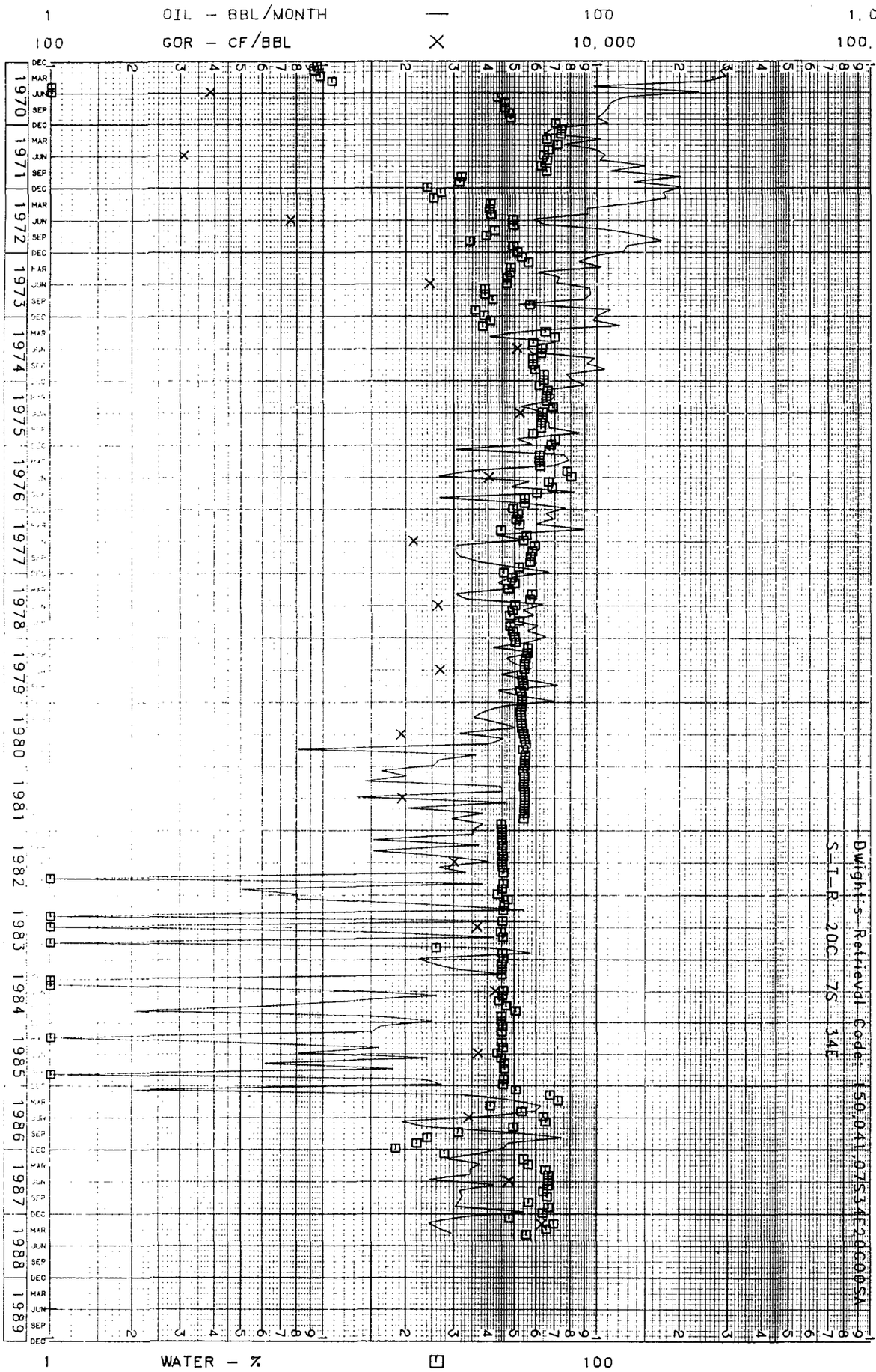


Operator: KERR MCGEE CORP
Lease: STATE G Well No: 000004
Field: CHAVEROO SAN ANDRES SA
Reservoir:
County: ROOSEVELT State: NM
Dwight's Retrieval Code: 150,041,07S34E190005A
S-T-R: 19O 7S 34E



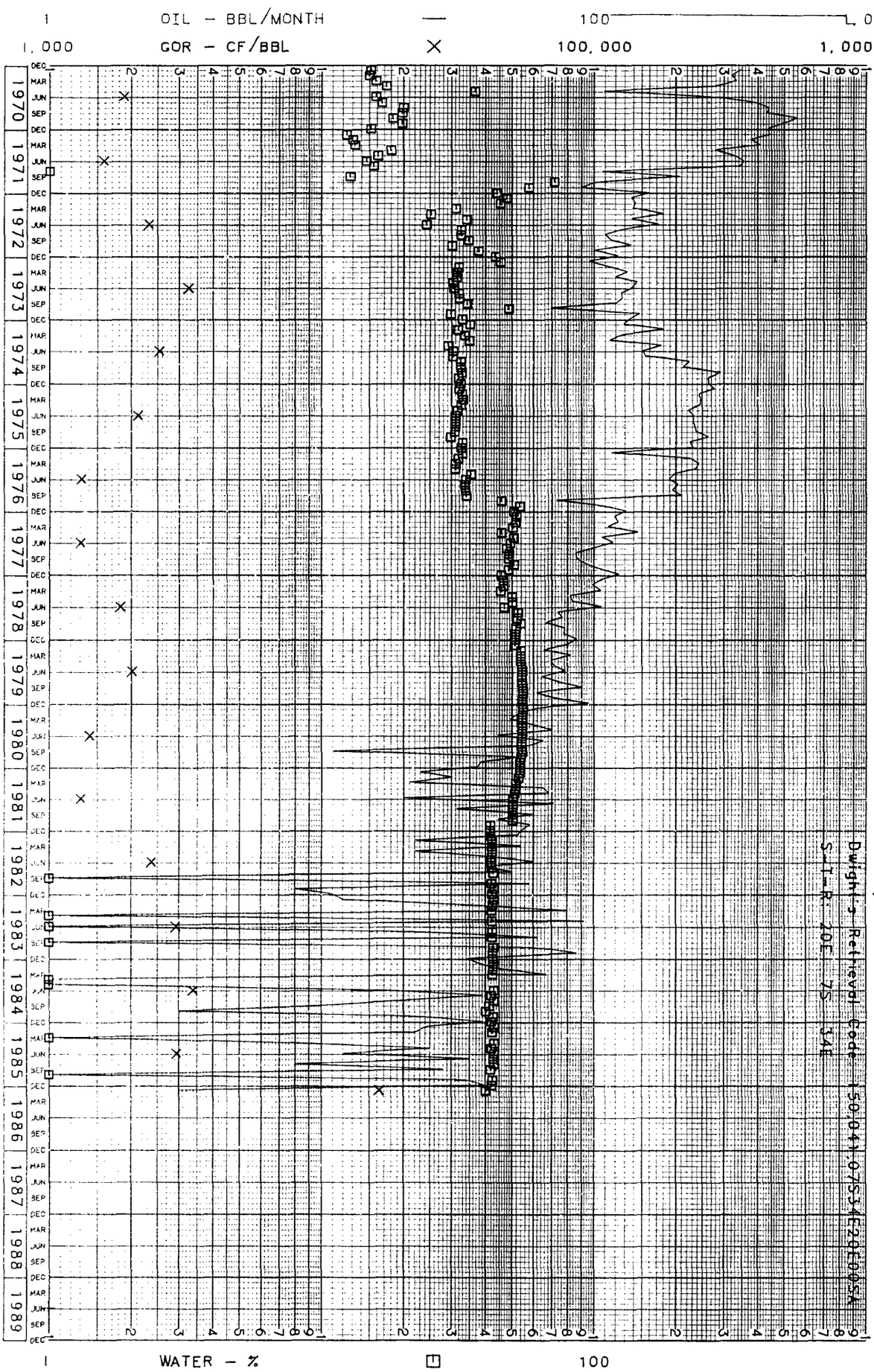
Operator: KERR MCGEE CORP
Lease: STATE G Well No: 000006
Field: CHAVEROO SAN ANDRES SA
Reservoir:
County: ROOSEVELT State: NM
Dwight's Retrieval Code: 150,041,07S34E19P00SA
S-T-R: 19P 7S 34E





Operator: BRADEN DEEM INC
Lease: HOMME FEDERAL Well No: 000002
Field: CHAVEROO SAN ANDRES
Reservoir:
County: ROOSEVELT State: NM
Dwight's RetHevgl Code: 150.041,07S34E20C00SA
S-T-R: 20C 7S 34E

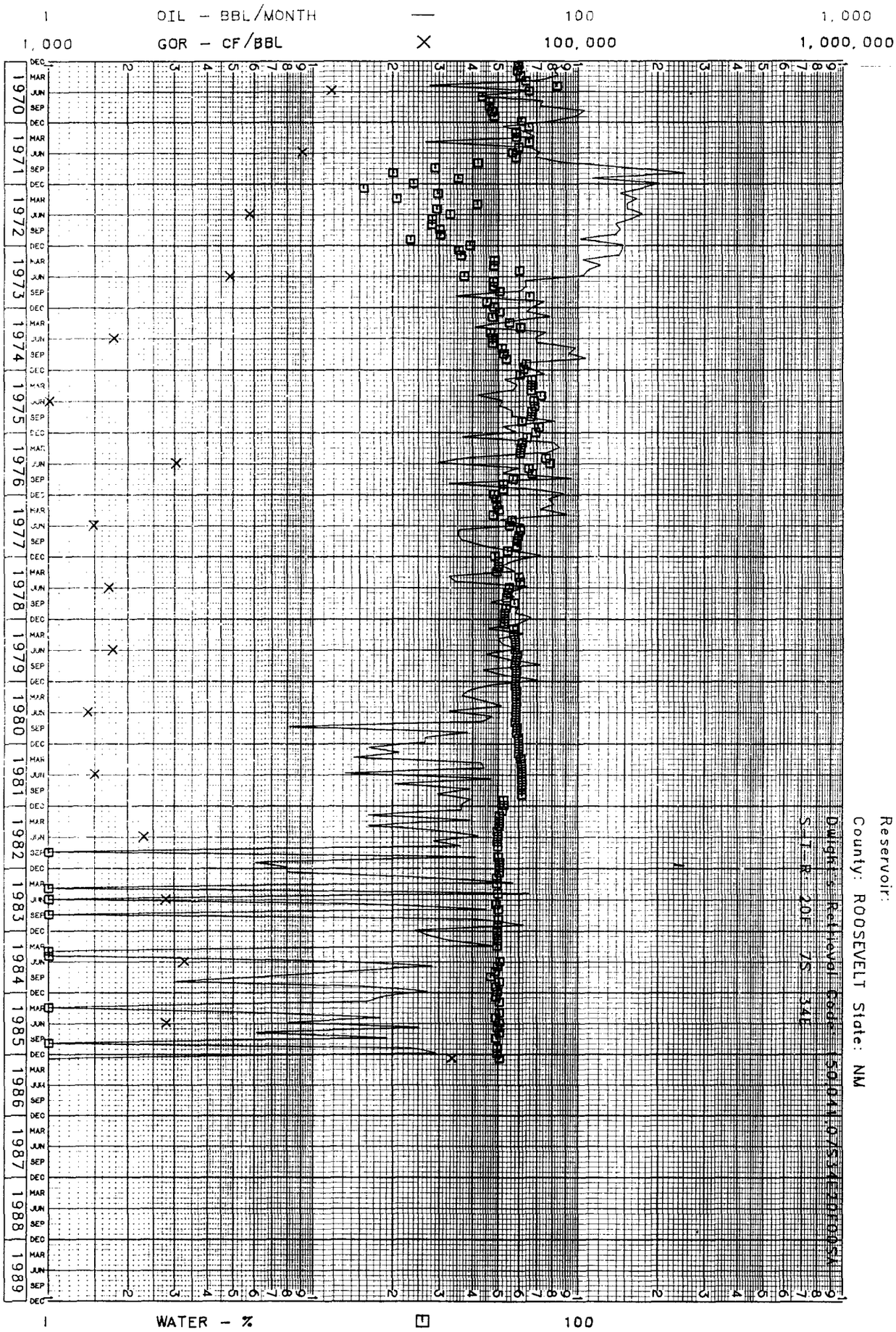
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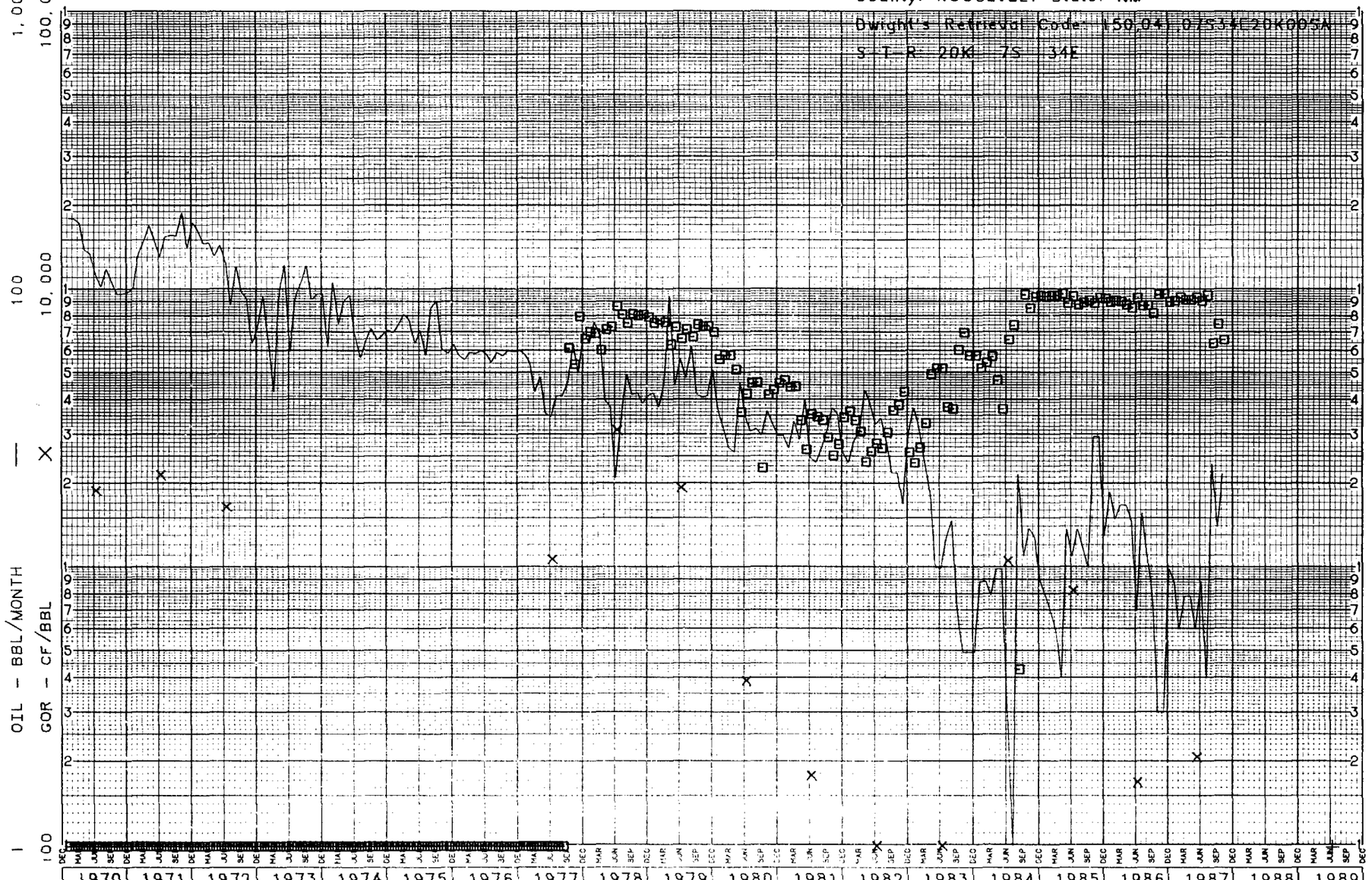
Operator: BRADEN DEEM INC
Lease: HOMME FEDERAL Well No: 000001
Field: CHAVEROO SAN ANDRES
Reservoir:
County: ROOSEVELT State: NM
Dwight's Retrieval Code: 30,041,07S,34E,20C00SA
S-T-R: 20E 7S 34E

SA

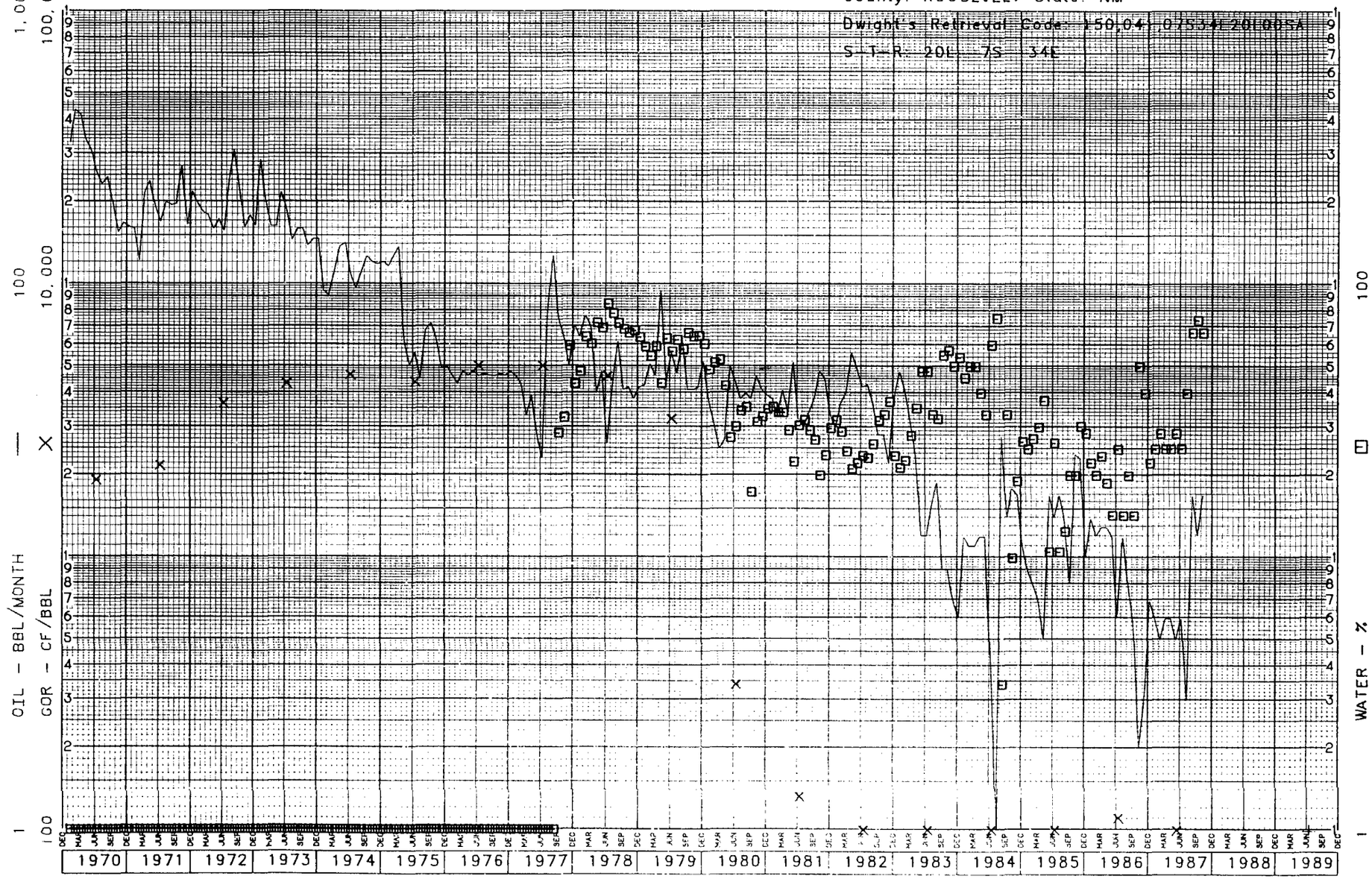
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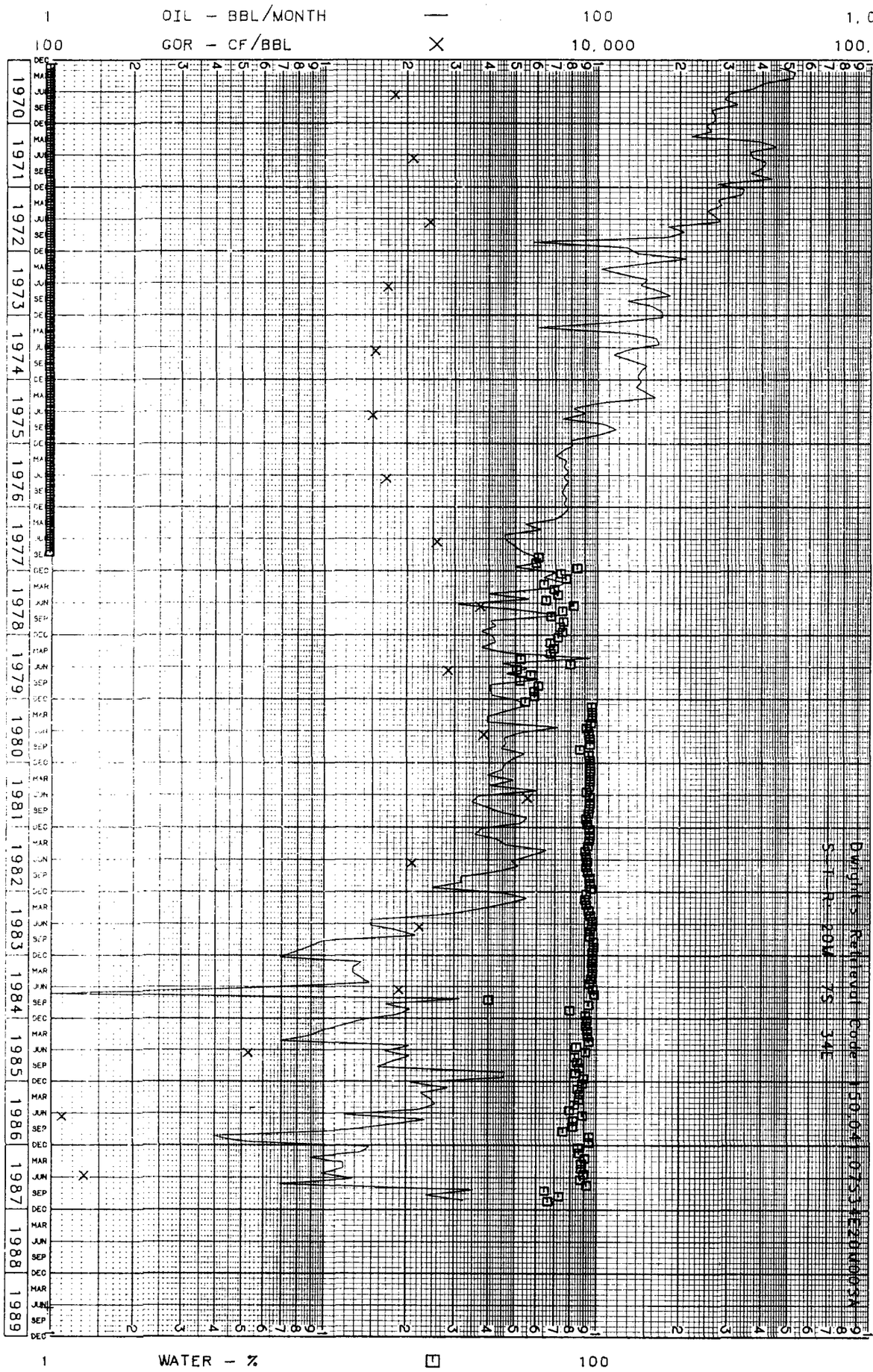

1
OIL – BBL/MONTH
100
1,000
1,000
GOR – CF/BBL
100,000
1,000,000
1970
1971
1972
1973
1974
1975
1976
1977
1978
1979
1980
1981
1982
1983
1984
1985
1986
1987
1988
1989
WATER – %
100
Operator: BRADEN DEEM INC
Lease: HOMME FEDERAL Well No: 000003
Field: CHAVEROO SAN ANDRES
Reservoir:
County: ROOSEVELT State: NM
Dwight's Retrieval Code: 30-041-07534-00-00SA
S-T-R 20E 7S 34E
SA

Operator: AMERICAN TRADING & PROD
Lease: NEW MEXICO STATE 20 Well No: 000003
Field: CHAVEROO SAN ANDRES SA
Reservoir:
County: ROOSEVELT State: NM
Dwight's Retrieval Code: 150,041,07534E20K005A
S-T-R: 20K 7S 34E



Operator: AMERICAN TRADING & PROD
Lease: NEW MEXICO STATE 20 Well No: 000001
Field: CHAVEROO SAN ANDRES SA
Reservoir:
County: ROOSEVELT State: NM
Dwight's Retrieval Code: 150,041,07534E,20E,00SA
S- 1- R- 20E- 7S- 34E

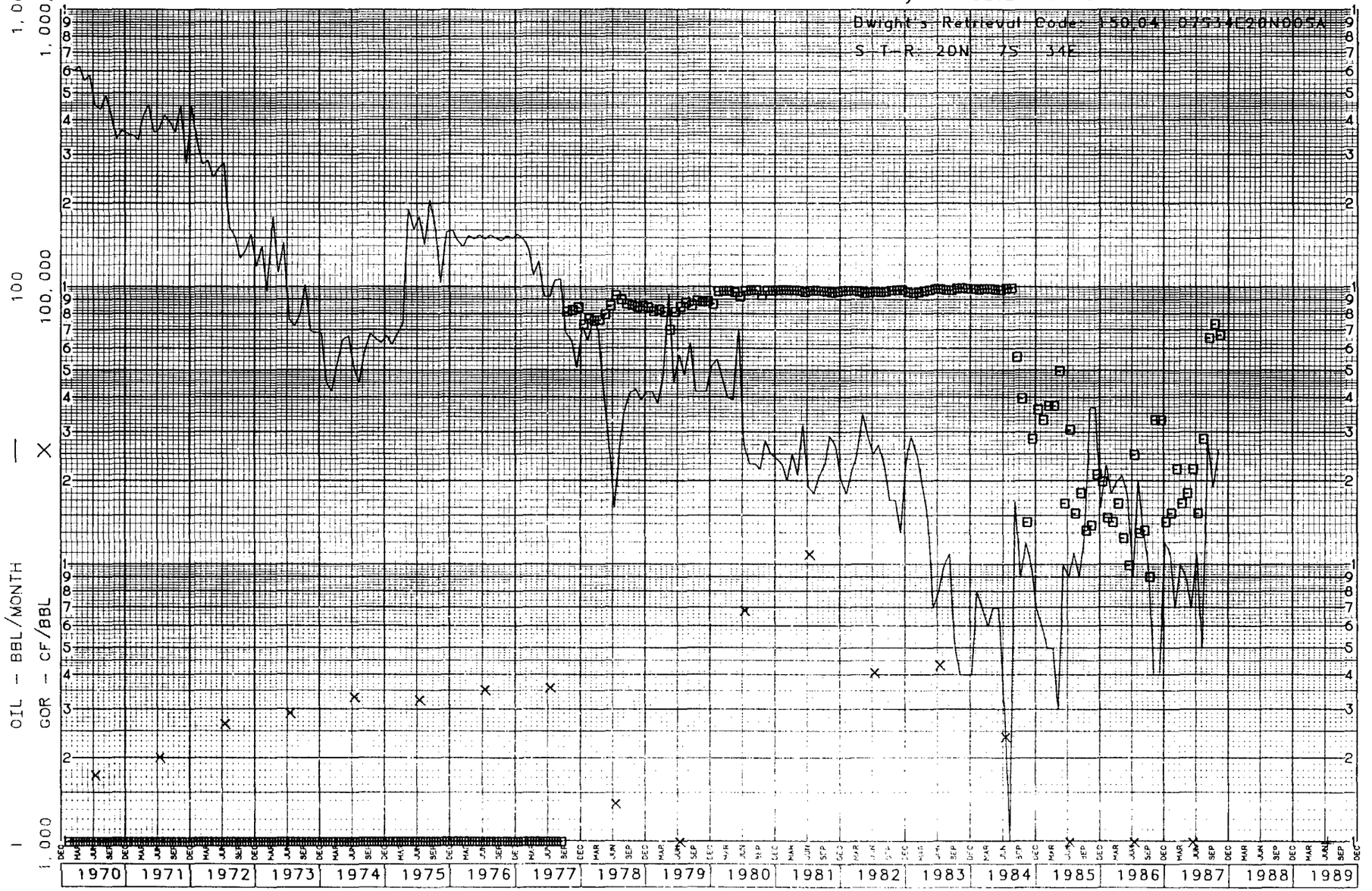




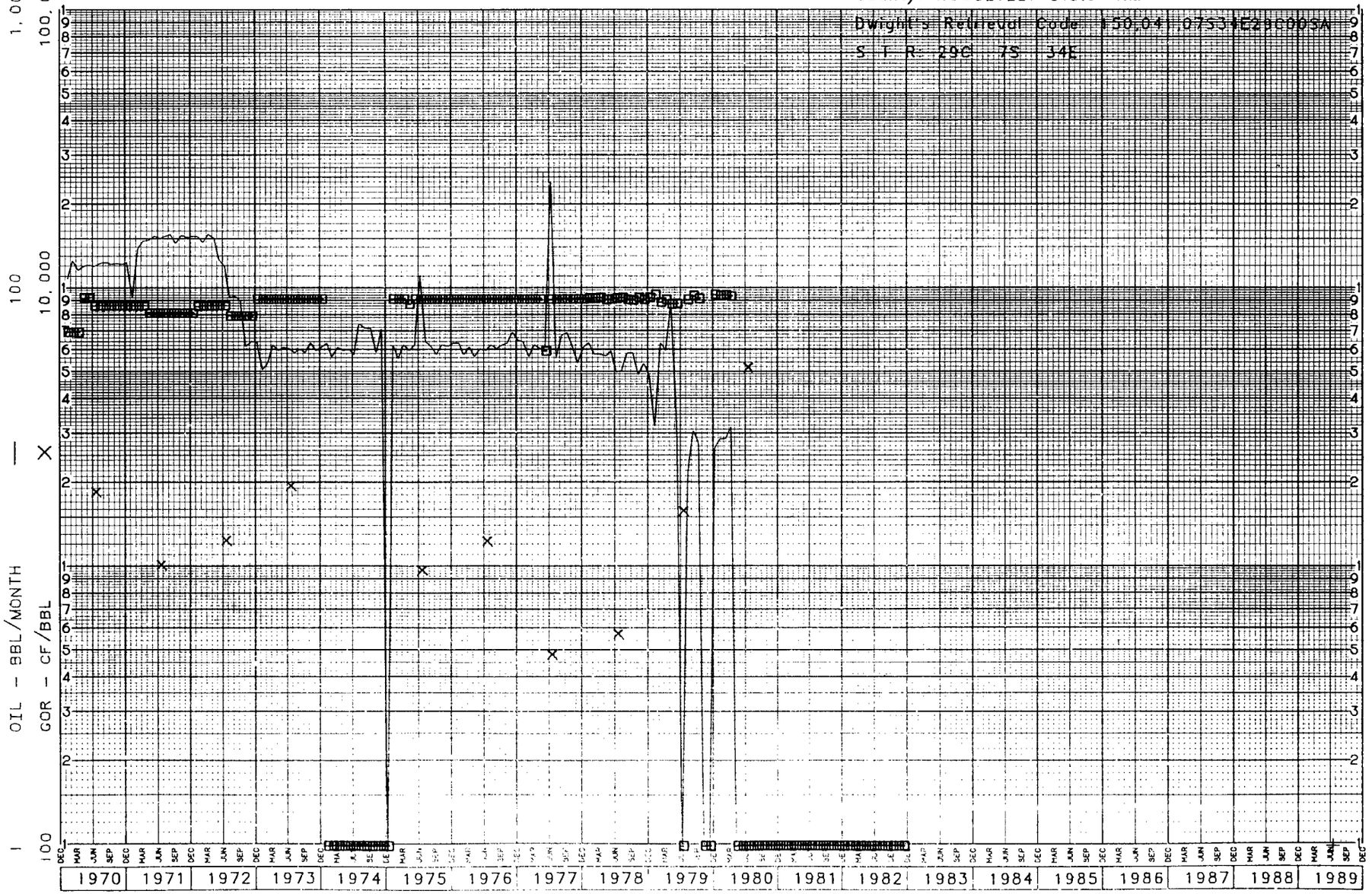
Operator: AMERICAN TRADING & PROD
Lease: NEW MEXICO STATE 20 Well No: 000002
Field: CHAVEROO SAN ANDRES
Reservoir:
County: ROOSEVELT State: NM

84

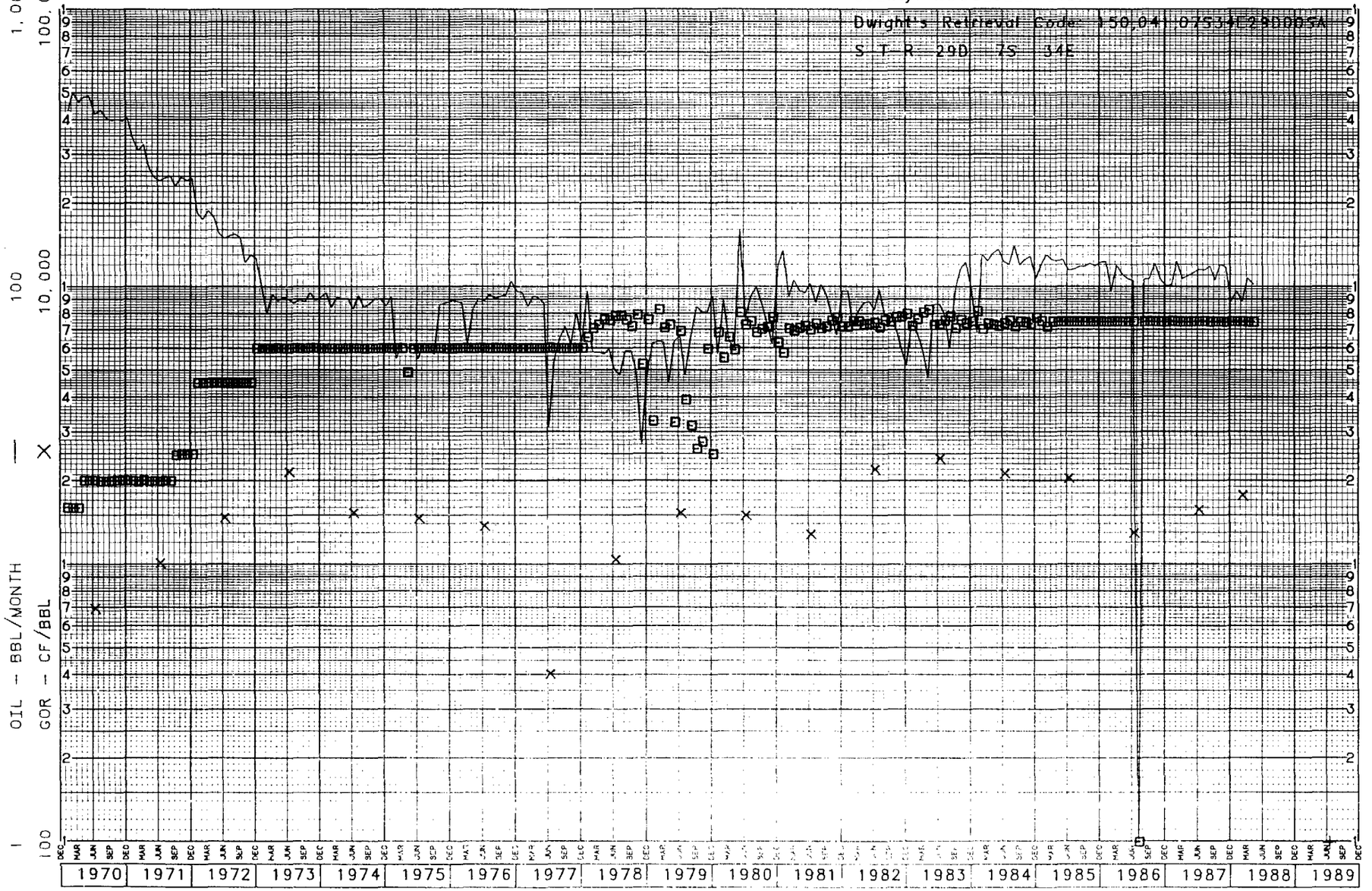
Operator: AMERICAN TRADING & PROD
Lease: NEW MEXICO STATE 20 Well No: 000004
Field: CHAVEROO SAN ANDRES SA
Reservoir:
County: ROOSEVELT State: NM
Dwight's Retrieval Code: 150,04,07534E20N005SA
S-T-R- 20N 7S 34E



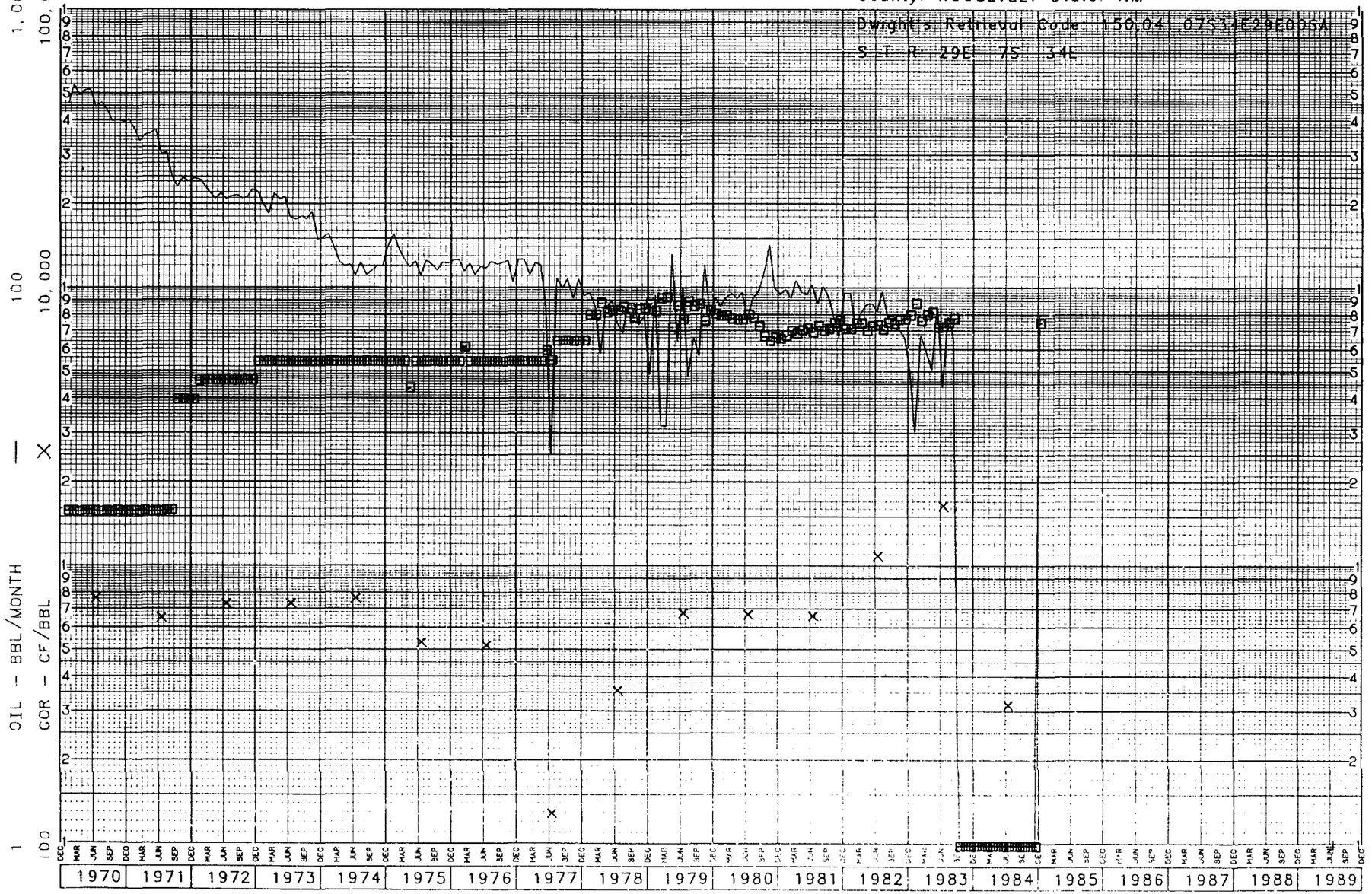
Operator: TEXACO PRODUCING INC
Lease: HOBBS W Well No: 000008
Field: CHAVEROO SAN ANDRES SA
Reservoir:
County: ROOSEVELT State: NM
Dwight's Retrieval Code: 350,041,07534E29C00SA
S T R- 29C 7S 34E



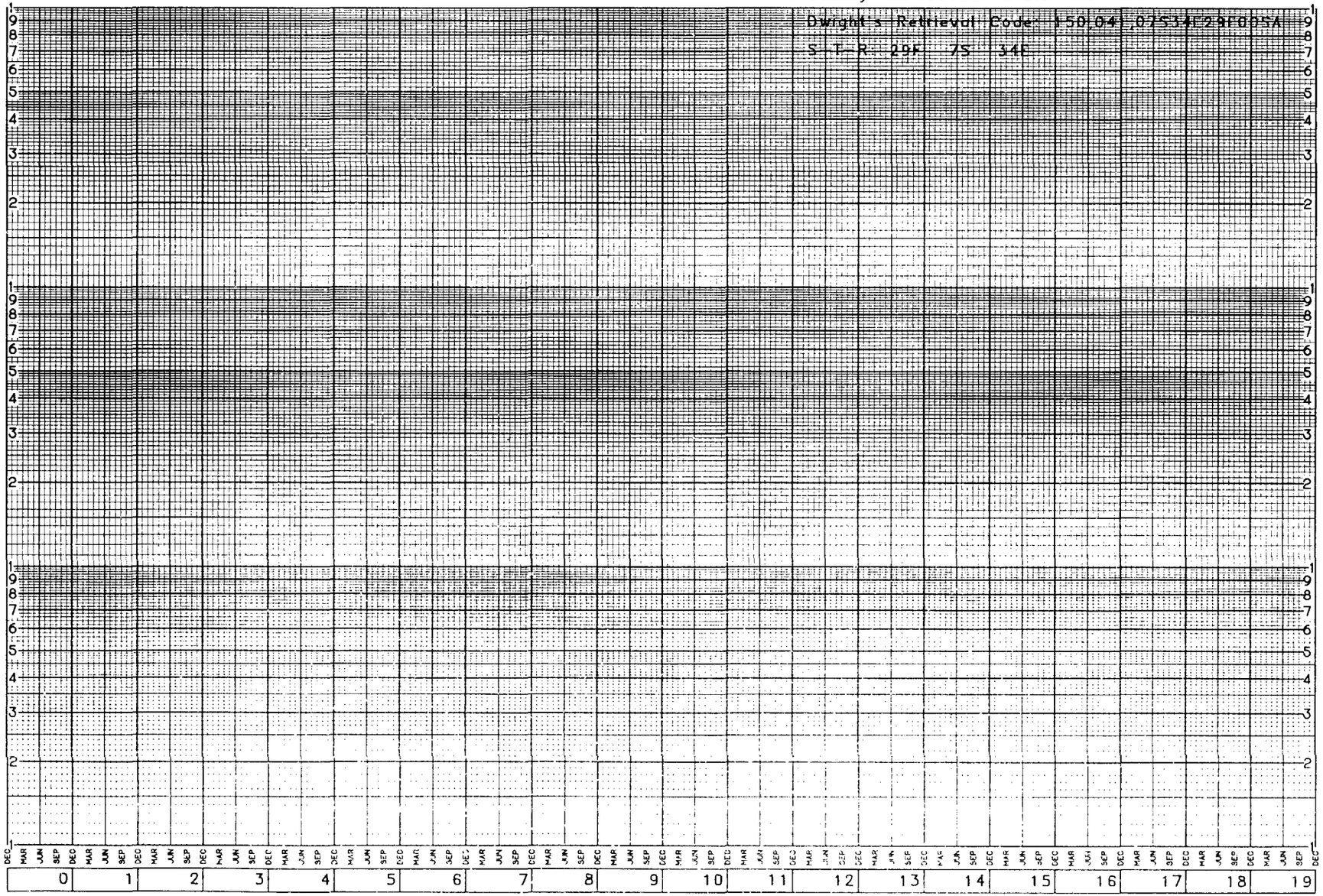
Operator: TEXACO PRODUCING INC
Lease: HOBBS W Well No: 000006
Field: CHAVEROO SAN ANDRES SA
Reservoir:
County: ROOSEVELT State: NM
Dwight's Retrieval Code: 150,041,07S34E29000SA
S-T-R 29D 7S 34E



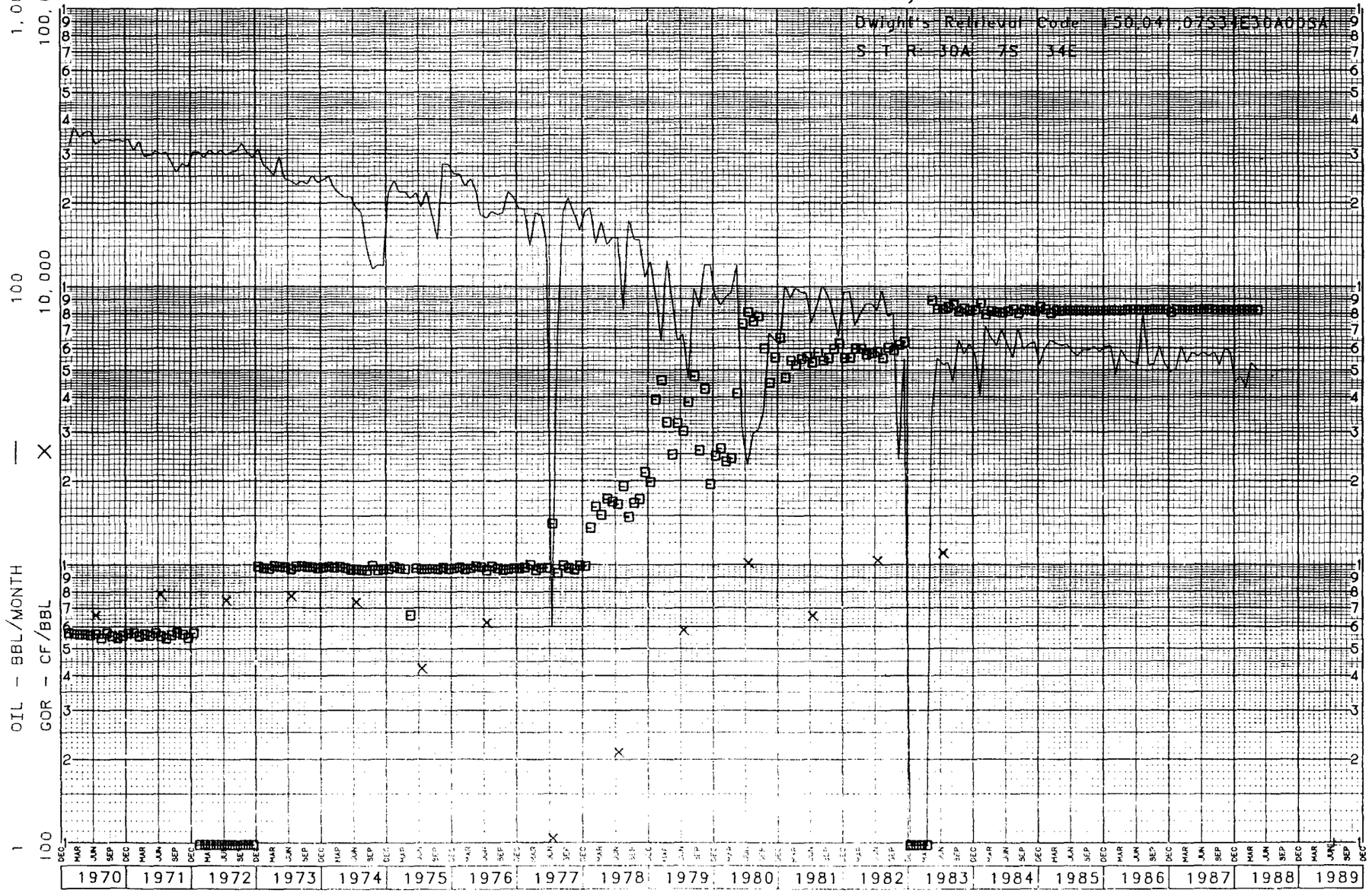
Operator: TEXACO PRODUCING INC
Lease: HOBBS W Well No: 000007
Field: CHAVEROO SAN ANDRES SA
Reservoir:
County: ROOSEVELT State: NM
Dwight's Retrieval Code: 150,04[illegible]07534E29E005A
S-T-R 29E 7S 34E

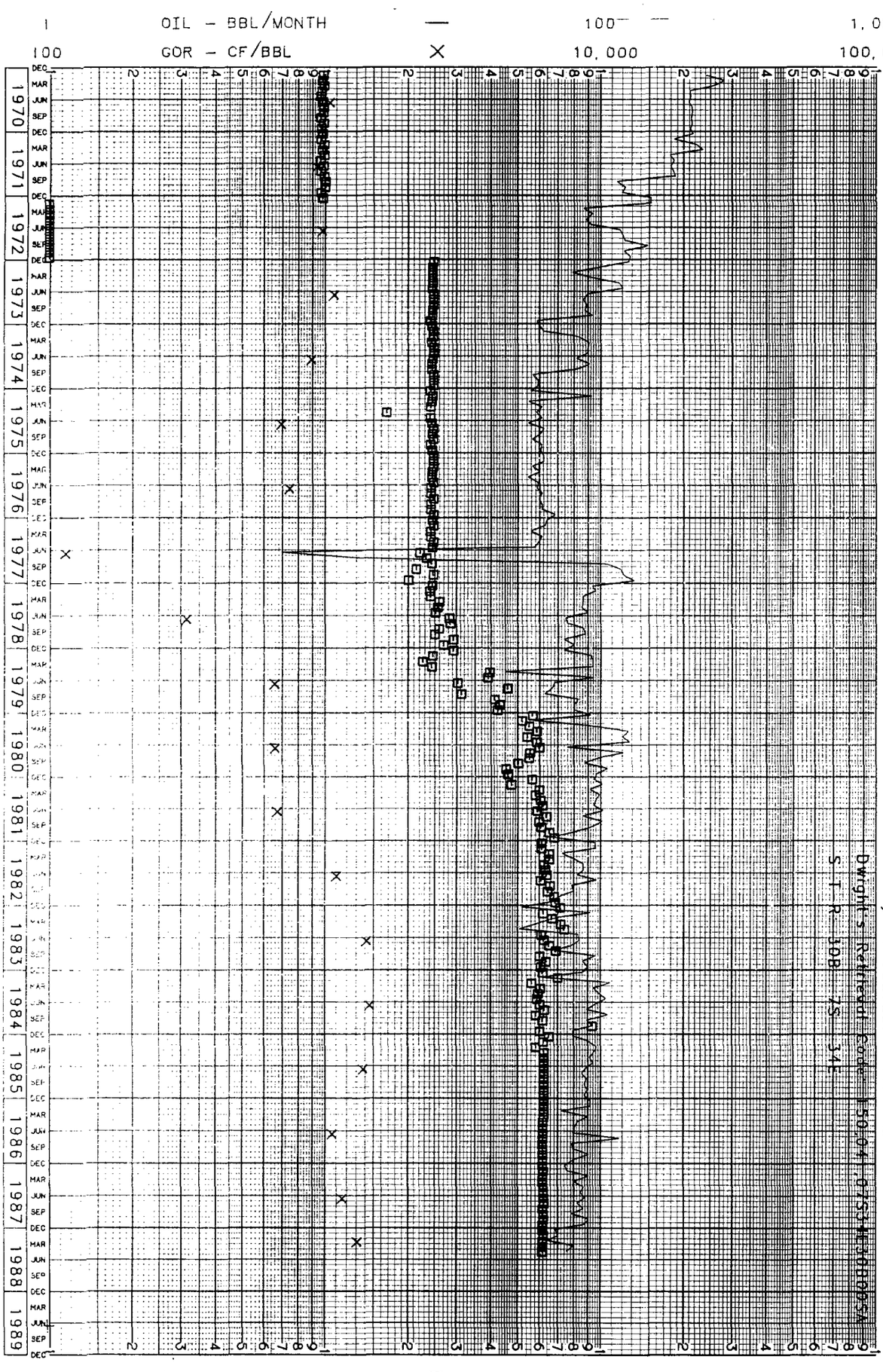


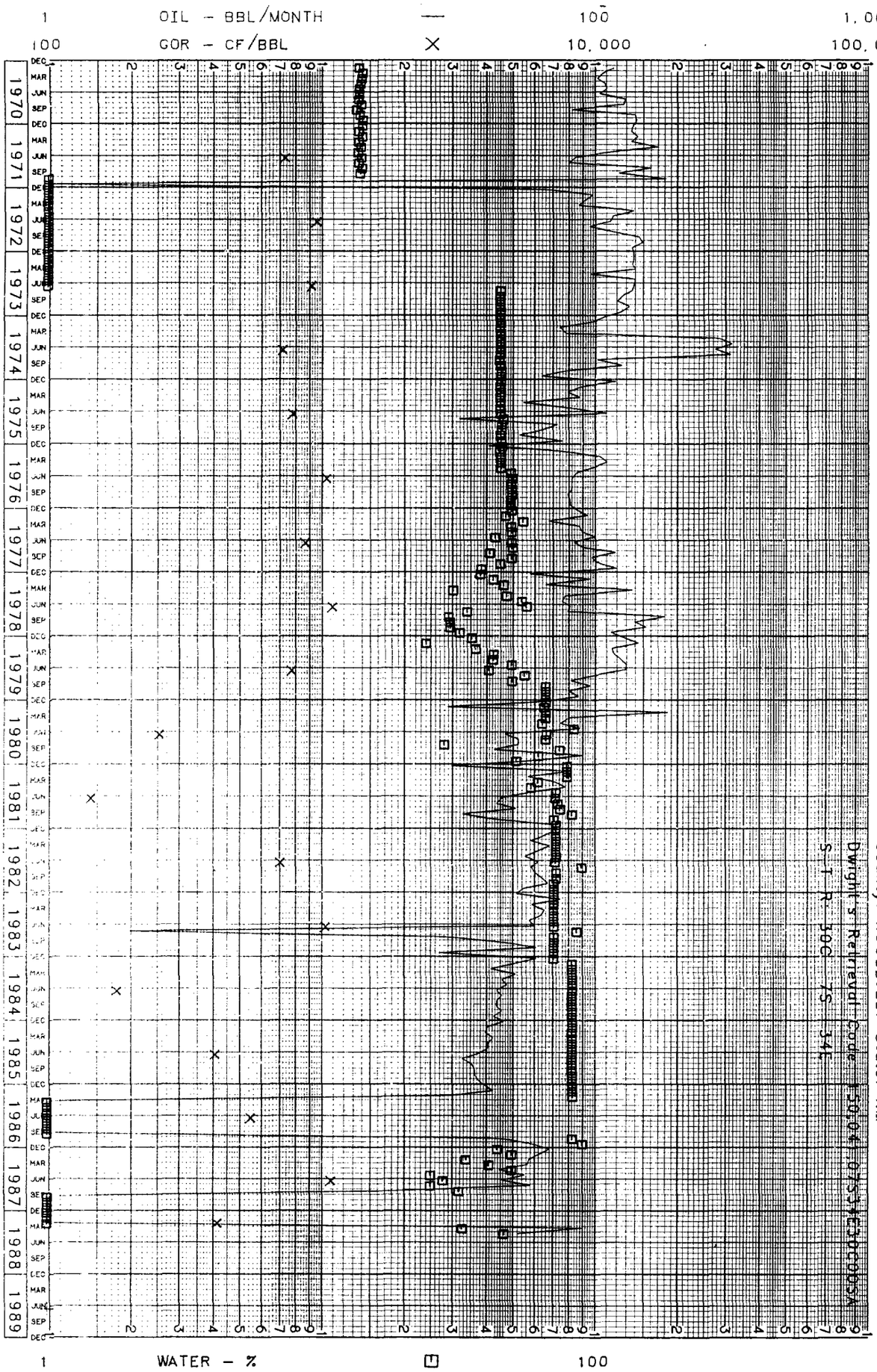
Operator: TEXACO PRODUCING INC
Lease: HOBBS W Well No: 000009
Field: CHAVEROO SAN ANDRES SA
Reservoir:
County: ROOSEVELT State: NM
Dwight's Retrieval Code: 350,04,07534E29E005A
S-T-R: 29E 7S 34E



Operator: TEXACO PRODUCING INC
Lease: HOBBS W Well No: 000002
Field: CHAVEROO SAN ANDRES SA
Reservoir:
County: ROOSEVELT State: NM
Dwight's Retrieval Code: 350410753E30A005A
S T R: 30A 7S 34E




OIL - BBL/MONTH
GOR - CF/BBL
WATER - %
1
100
1,000
10,000
100,000
1970
1971
1972
1973
1974
1975
1976
1977
1978
1979
1980
1981
1982
1983
1984
1985
1986
1987
1988
1989
Operator: TEXACO PRODUCING INC
Lease: HOBBS W Well No: 000001
Field: CHAVEROO SAN ANDRES
Reservoir:
County: ROOSEVELT State: NM
Dwright's Retrieval Code: 150,04
S T R 30B 7S 34E
SA
91



Operator: STRINGER OIL & GAS INC

Lease: STATE V Well No: 000001

Field: CHAVEROO SAN ANDRES

Reservoir:

County: ROOSEVELT State: NM

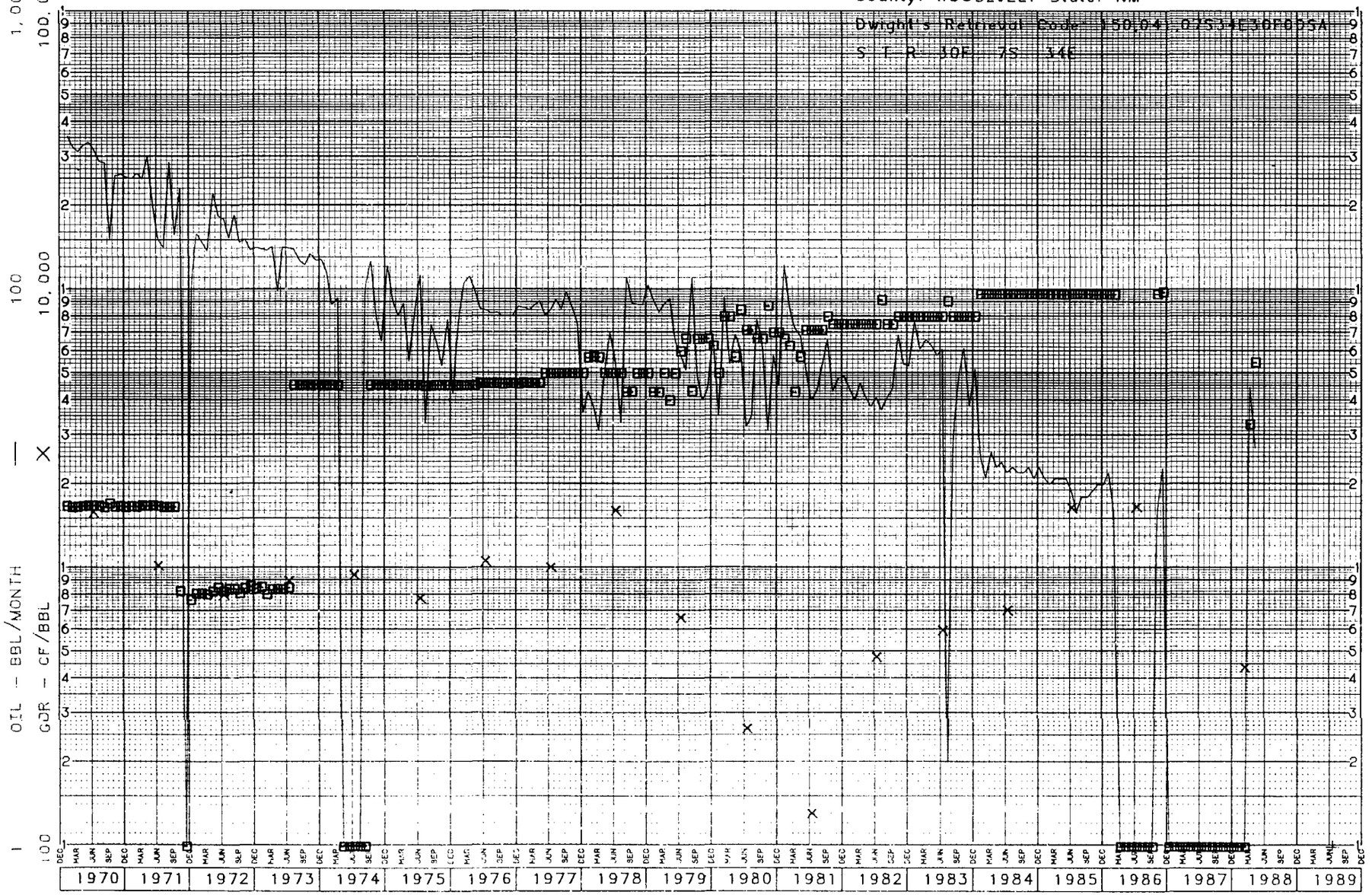
Dwight's Retrieval Code: 30,04[illegible]

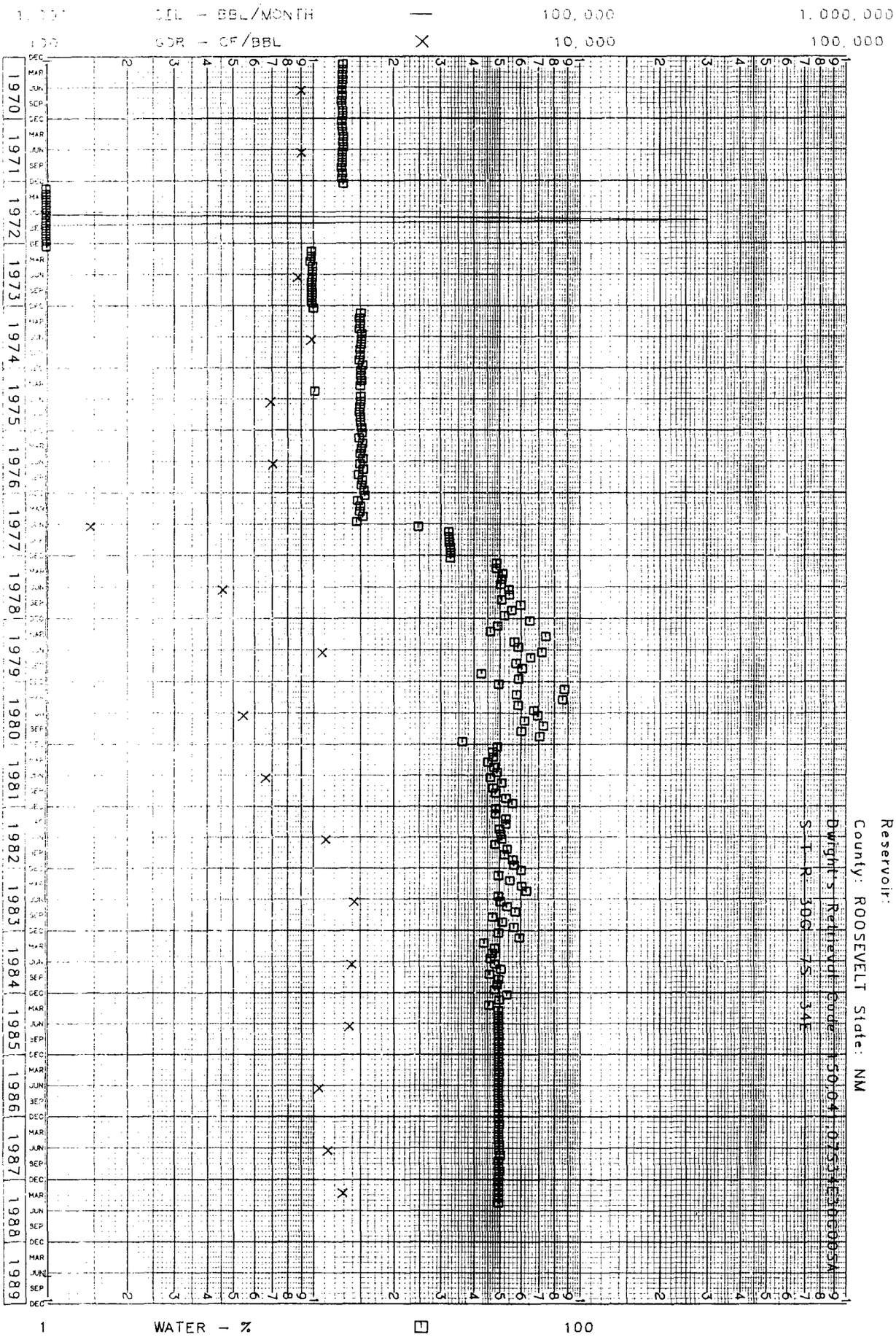
S T R: 30C 7S 34E

SA

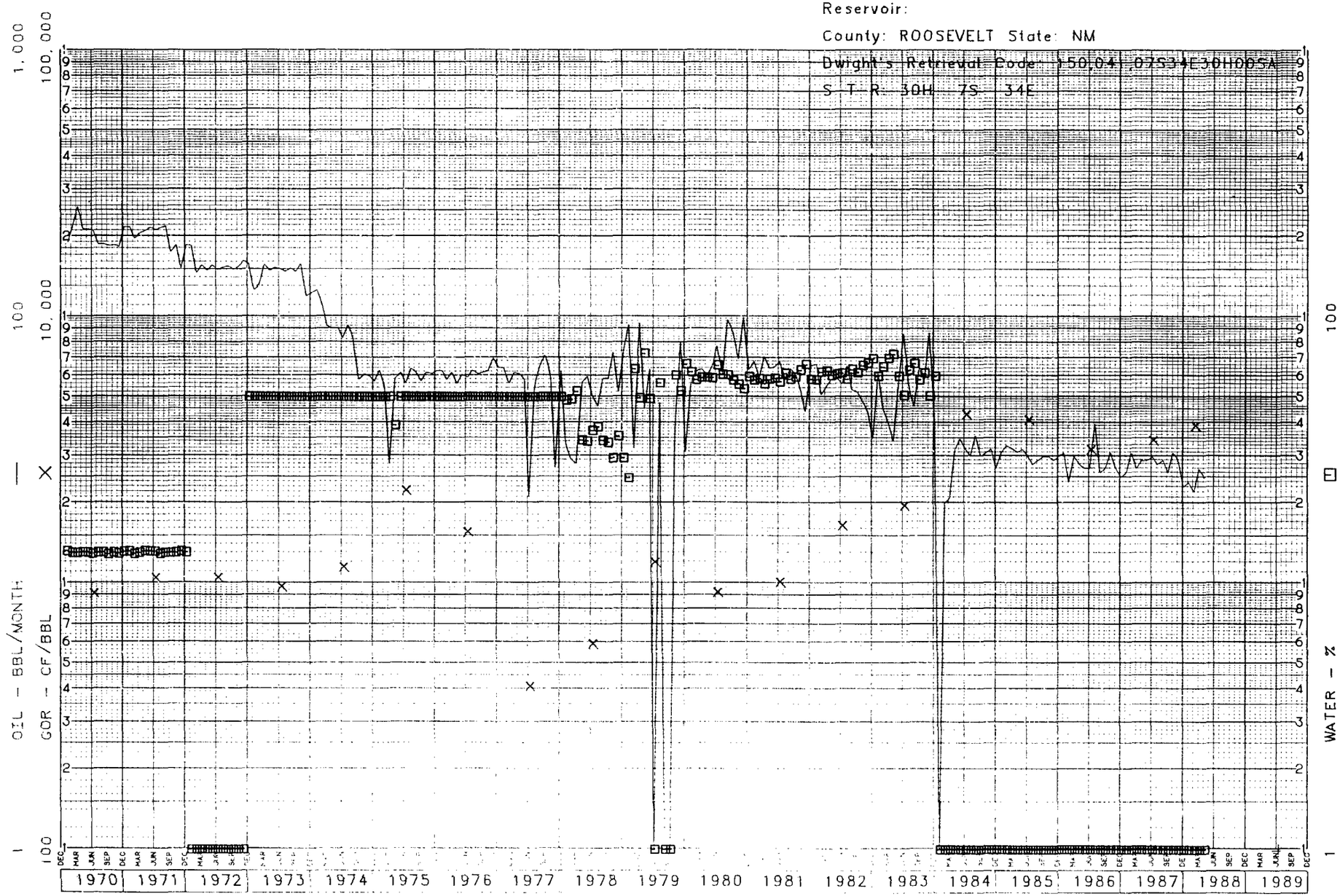
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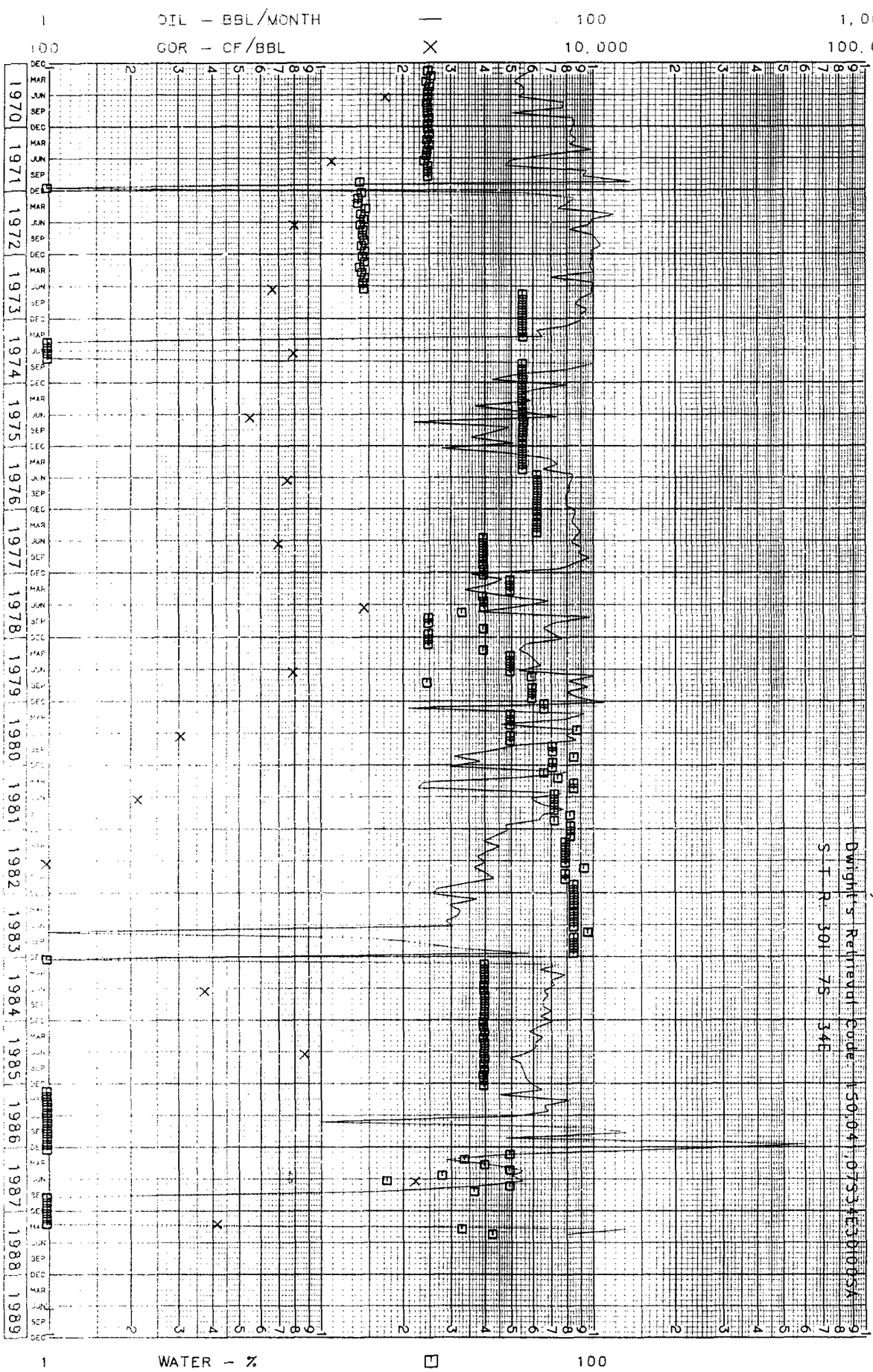
Operator: STRINGER OIL & GAS INC
Lease: STATE V Well No: 000002
Field: CHAVEROO SAN ANDRES SA
Reservoir:
County: ROOSEVELT State: NM
Dwight's Retrieval Code: 150,04 ,0753+E30F0SA
S T-R 30E 7S 34E




OIL - BBL/MONTH
GOR - CF/BBL
WATER - %
100,000
1,000,000
10,000
100,000
100
1
1970
1971
1972
1973
1974
1975
1976
1977
1978
1979
1980
1981
1982
1983
1984
1985
1986
1987
1988
1989
Operator: TEXACO PRODUCING INC
Lease: HOBBS W Well No: 000003
Field: CHAVEROO SAN ANDRES
Reservoir:
County: ROOSEVELT State: NM
Dwight's Retrieval Code: 130,041,075,34E,30690,SA
S-T-R: 30S-34E
SA
94

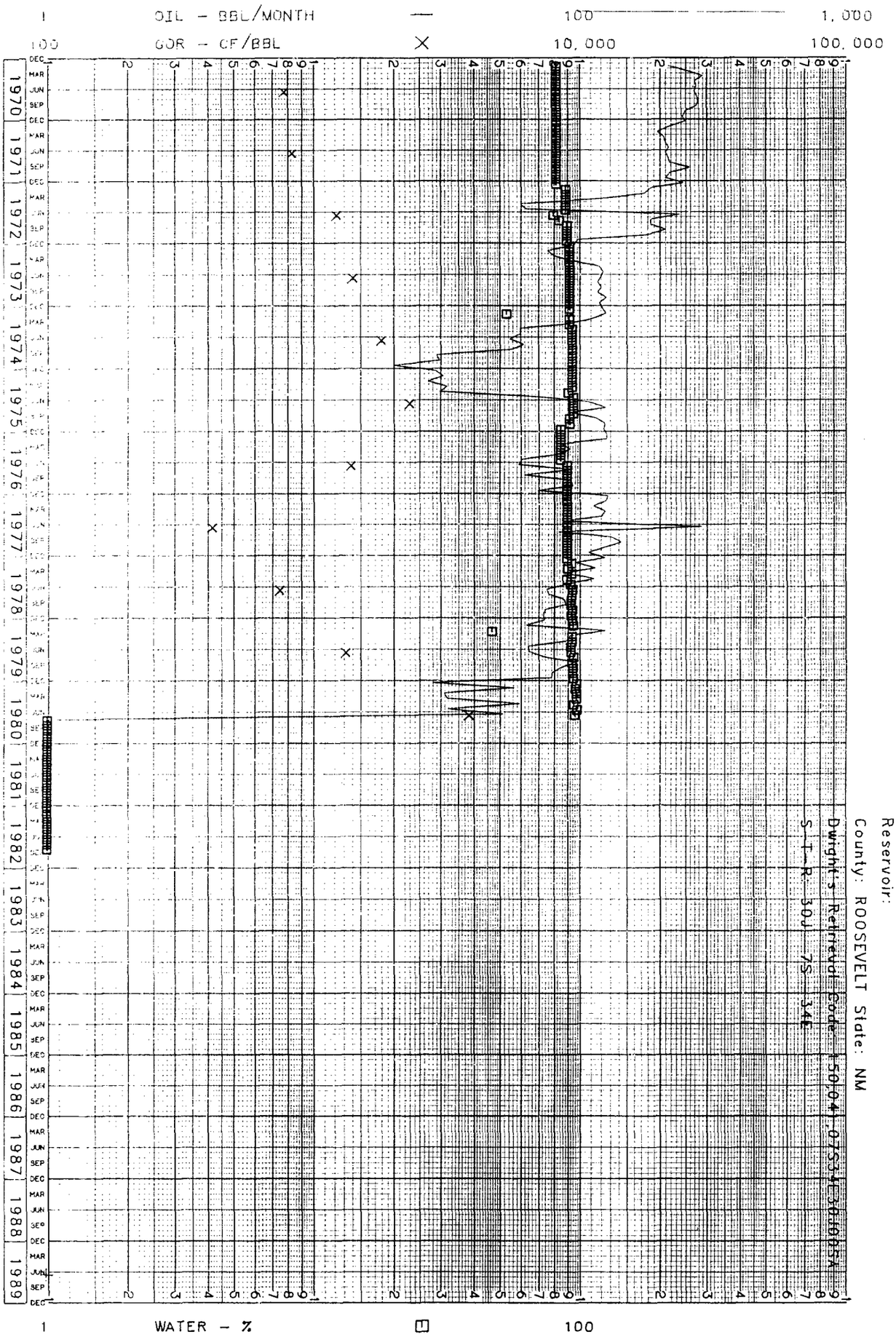
Operator: TEXACO PRODUCING INC
Lease: HOBBS W Well No: 000004
Field: CHAVEROO SAN ANDRES SA
Reservoir:
County: ROOSEVELT State: NM
Dwight's Retrieval Code: 150,041,07S34E30H00SA
S T R 30H 7S 34E




OIL – BBL/MONTH
GOR – CF/BBL
WATER – %
1
100
1,000
10,000
100,000
1970
1971
1972
1973
1974
1975
1976
1977
1978
1979
1980
1981
1982
1983
1984
1985
1986
1987
1988
1989
Operator: STRINGER OIL & GAS INC
Lease: STATE V Well No: 000004
Field: CHAVEROO SAN ANDRES
Reservoir:
County: ROOSEVELT State: NM
Dwight's Retrieval Code: 30-041-07934-00-00
S T R: 30 7S 34E

96

SA



Operator: TEXACO PRODUCING INC
Lease: HOBBS W Well No: 000005
Field: CHAVEROO SAN ANDRES
Reservoir:
County: ROOSEVELT State: NM
Dwight's Retrieval Code: 30,041,07S,34E,30,0005X
S-T-R: 30J 7S 34E

97

SA

Operator: STRINGER OIL & GAS INC
Lease: STATE V Well No: 000003
Field: CHAVEROO SAN ANDRES SA
Reservoir:
County: ROOSEVELT State: NM
Dwight's Retrieval Code: 150,041,07S34E30K00SA
S-T-R: 30K-7S-34E

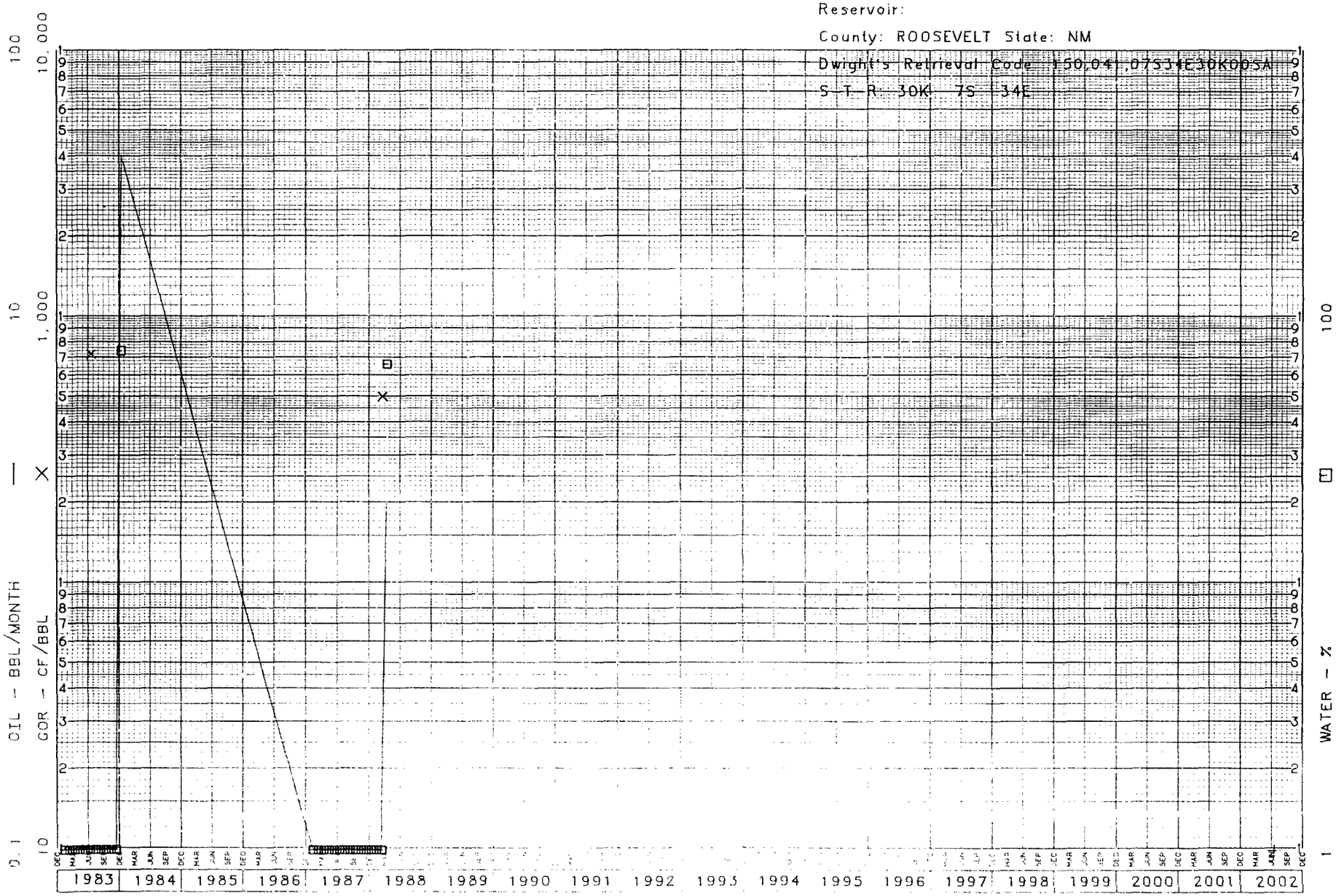
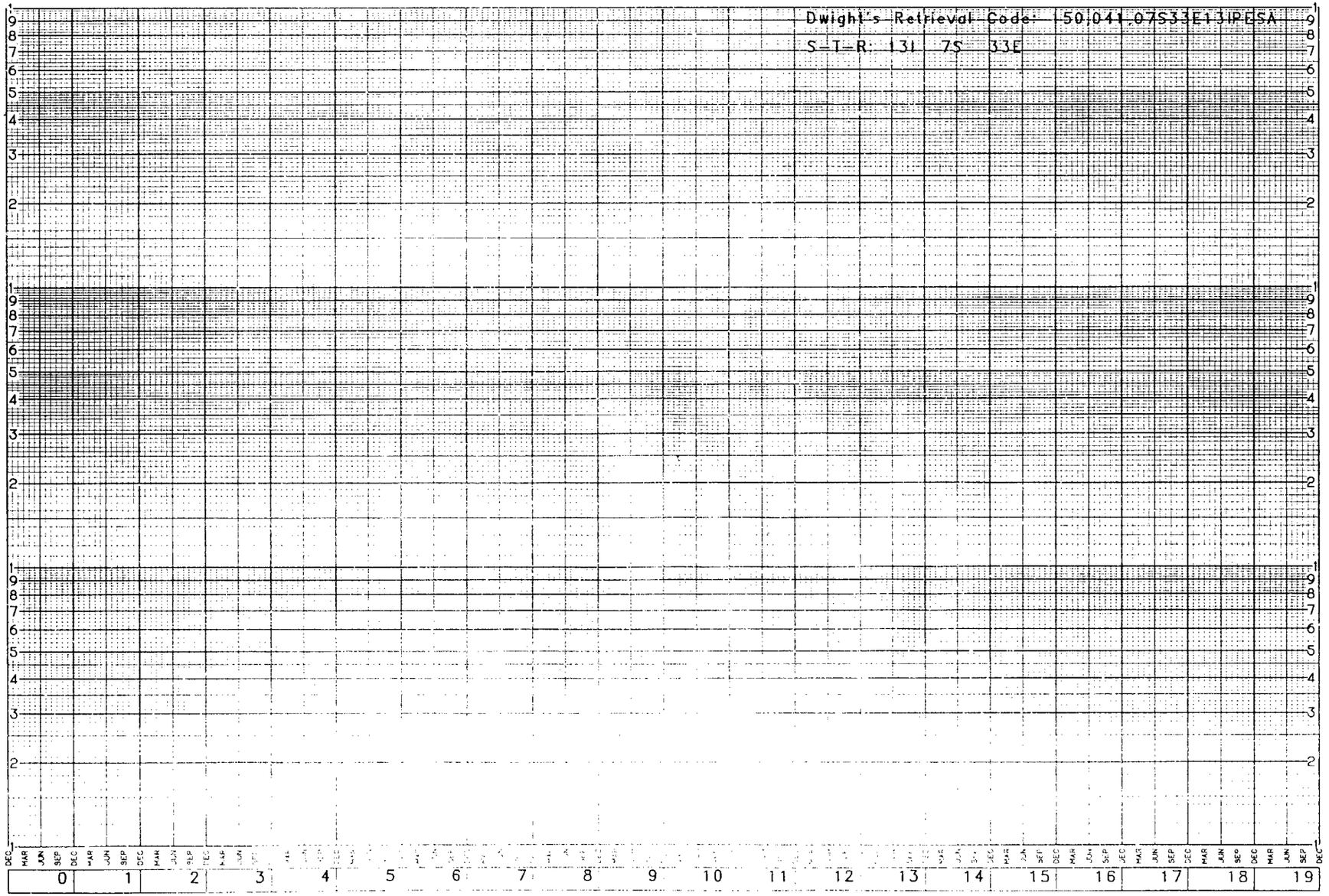


EXHIBIT VIII.I.2.
DECLINE CURVES -

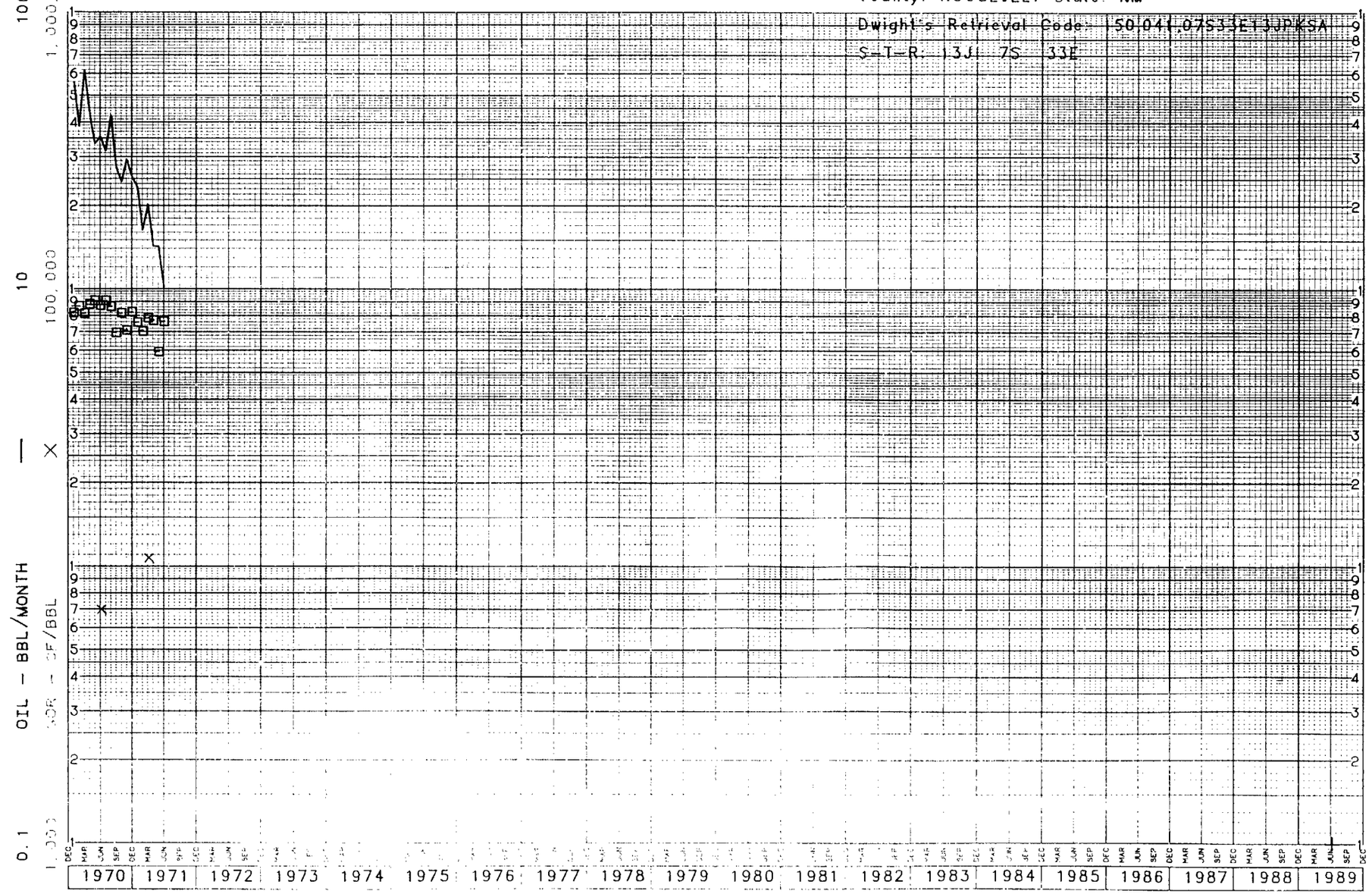
Operator: MIDWEST OIL CORP
Lease: MORGAN FEDERAL TRACT 4 Well No: 000005
Field: CHAVEROO SAN ANDRES SA
Reservoir:
County: ROOSEVELT State: NM
Dwight's Retrieval Code: 50,041,07S33E13PESA
S-T-R: 13 7S 33E

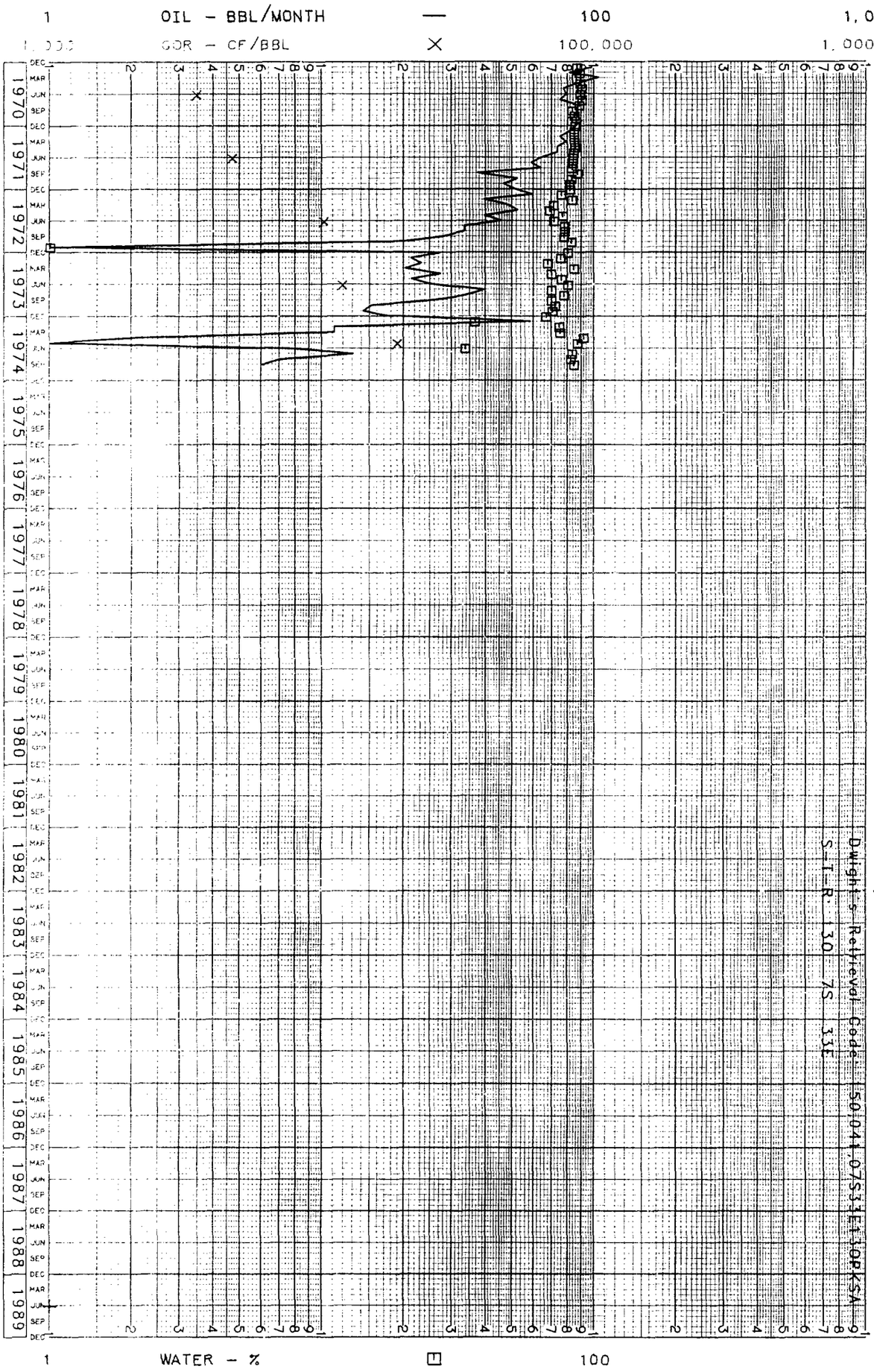


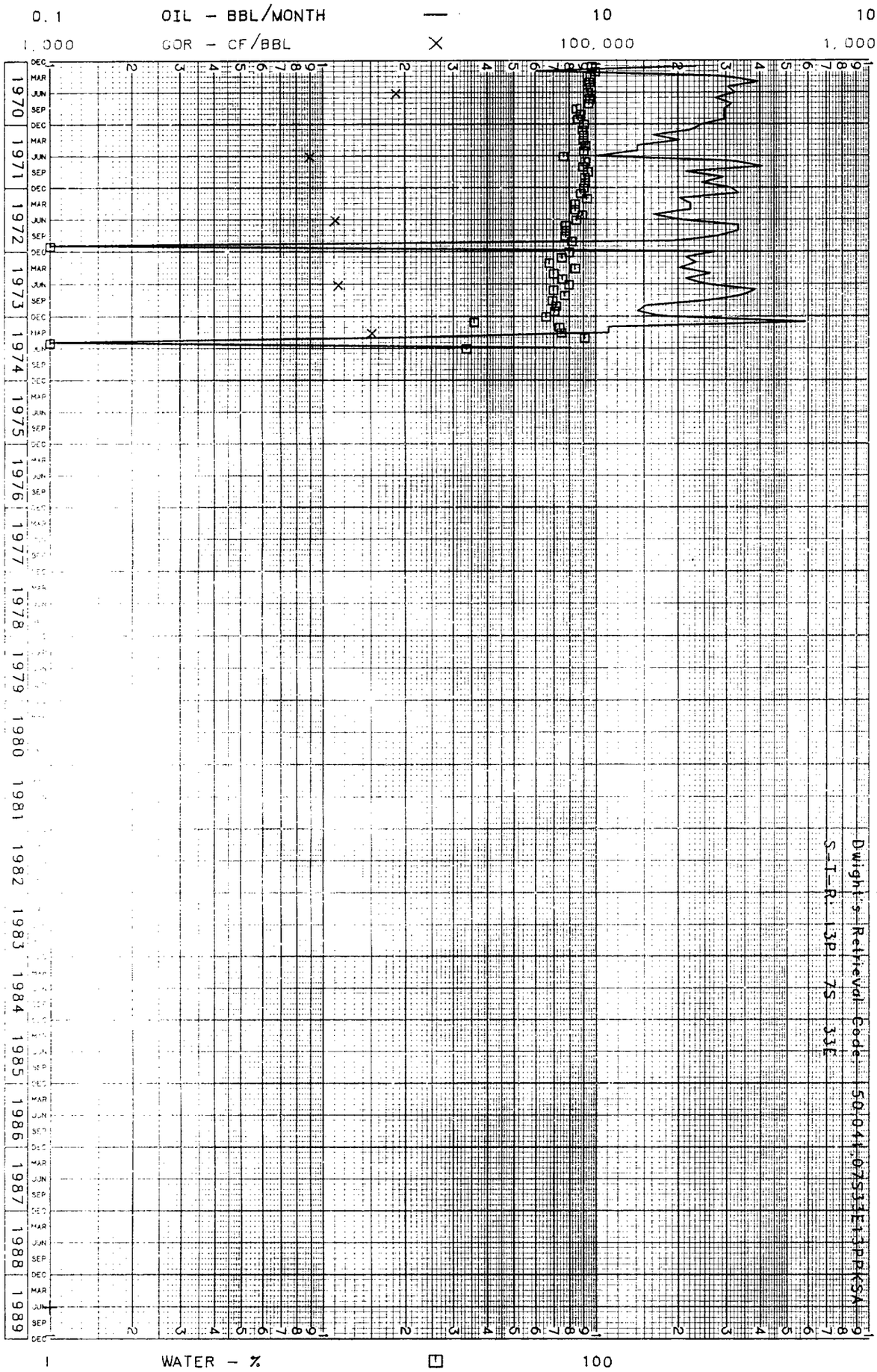
WELLS LOCATED OUTSIDE OF UNIT BOUNDARY BUT WITHIN AREA OF REVIEW

EXHIBIT VIII, I. 2.

Operator: AMOCO PRODUCTION CO
Lease: MORGAN D FEDERAL Well No: 000006
Field: CHAVEROO SAN ANDRES SA
Reservoir:
County: ROOSEVELT State: NM
Dwight's Retrieval Code: 30 041 07533 ET3JPKSA
S-T-R: 13J 7S 33E




1
OIL - BBL/MONTH
100
1,000
1,000
GOR - CF/BBL
100,000
1,000,000
WATER - %
100
1970
1971
1972
1973
1974
1975
1976
1977
1978
1979
1980
1981
1982
1983
1984
1985
1986
1987
1988
1989
Dwight's Retrieval Code: 50-041-07533-1-ORKSA
S-T-R: 13S 7S 33E
County: ROOSEVELT State: NM
Reservoir:
Field: CHAVEROO SAN ANDRES
Lease: MORGAN D FEDERAL Well No: 000603
Operator: AMOCO PRODUCTION CO



Operator: AMOCO PRODUCTION CO

Lease: MORGAN D FEDERAL Well No: 000004

Field: CHAVEROO SAN ANDRES

Reservoir:

County: ROOSEVELT State: NM

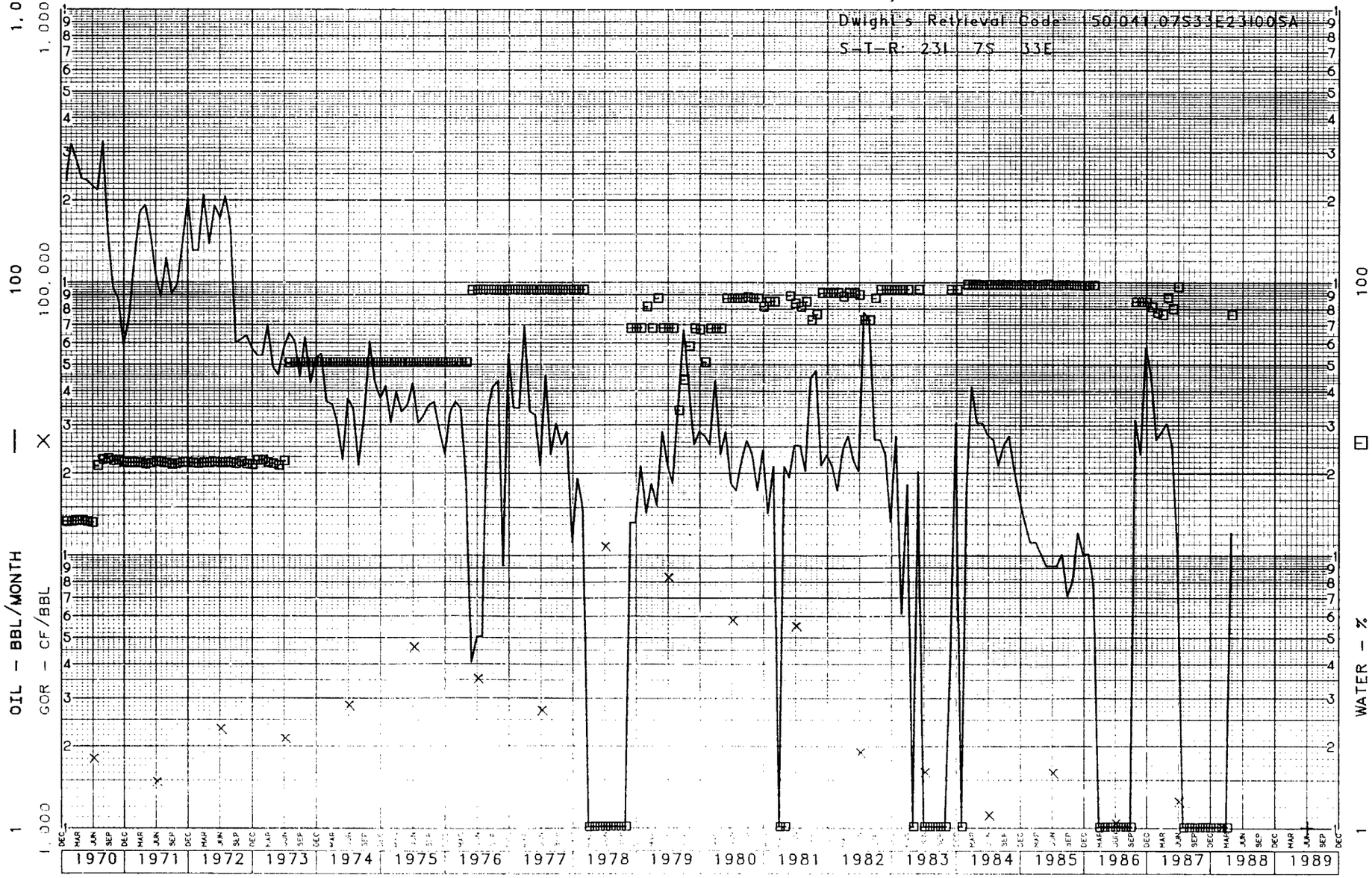
Dwight's Retrieval Code: 30-041-07533-E-1-PRKSA

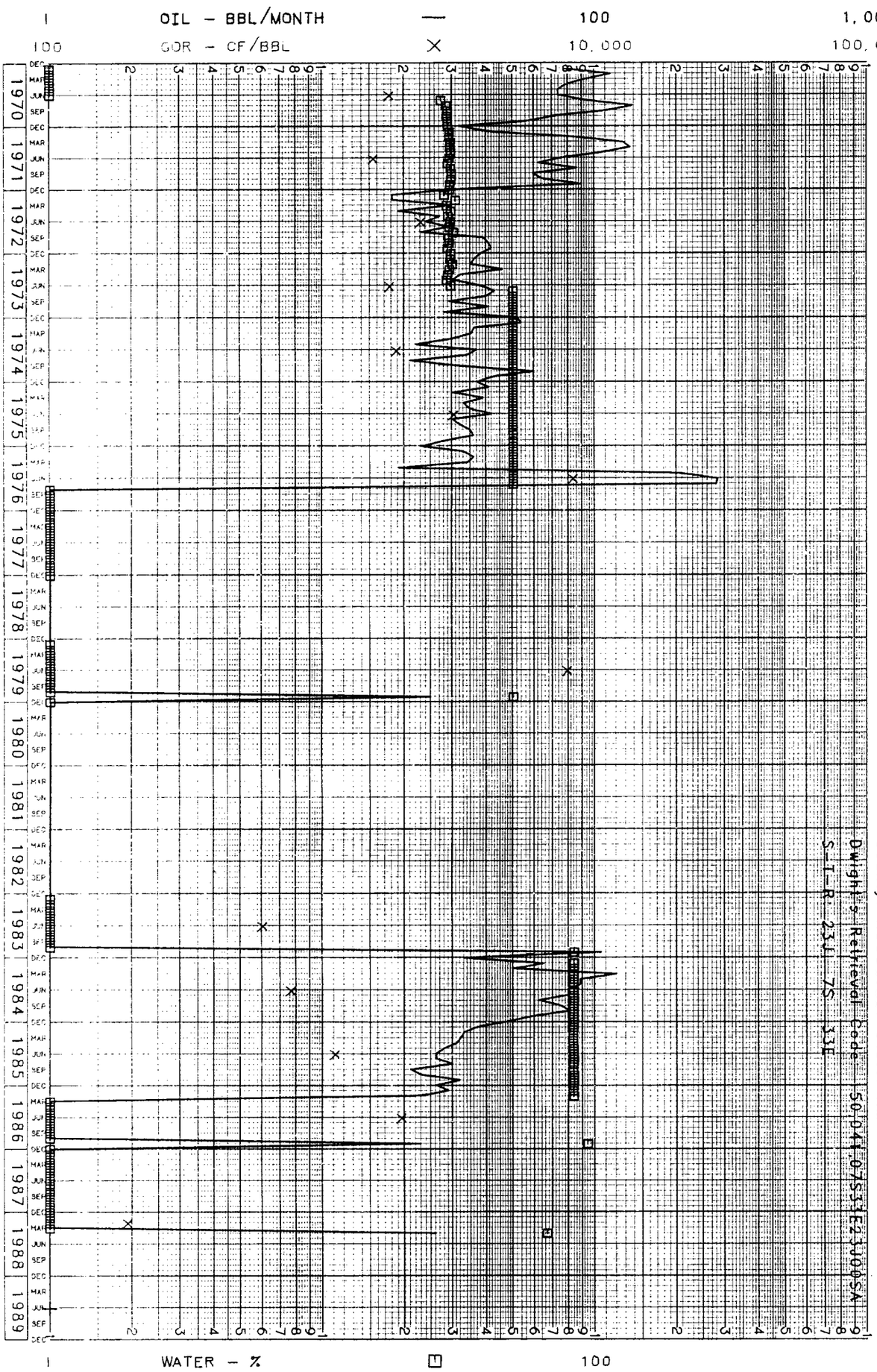
S-T-R: 13P 7S 33E

SA

13

Operator: MIMS TEXAS O&G CO
Lease: FEDERAL 23 Well No: 000008
Field: CHAVEROO SAN ANDRES SA
Reservoir:
County: ROOSEVELT State: NM
Dwight's Retrieval Code: 50,041,07S33E23100SA
S-T-R: 23 7S 33E





Operator: MIMS TEXAS O&G CO

Lease: FEDERAL 23 Well No: 000007

Field: CHAVEROO SAN ANDRES

Reservoir:

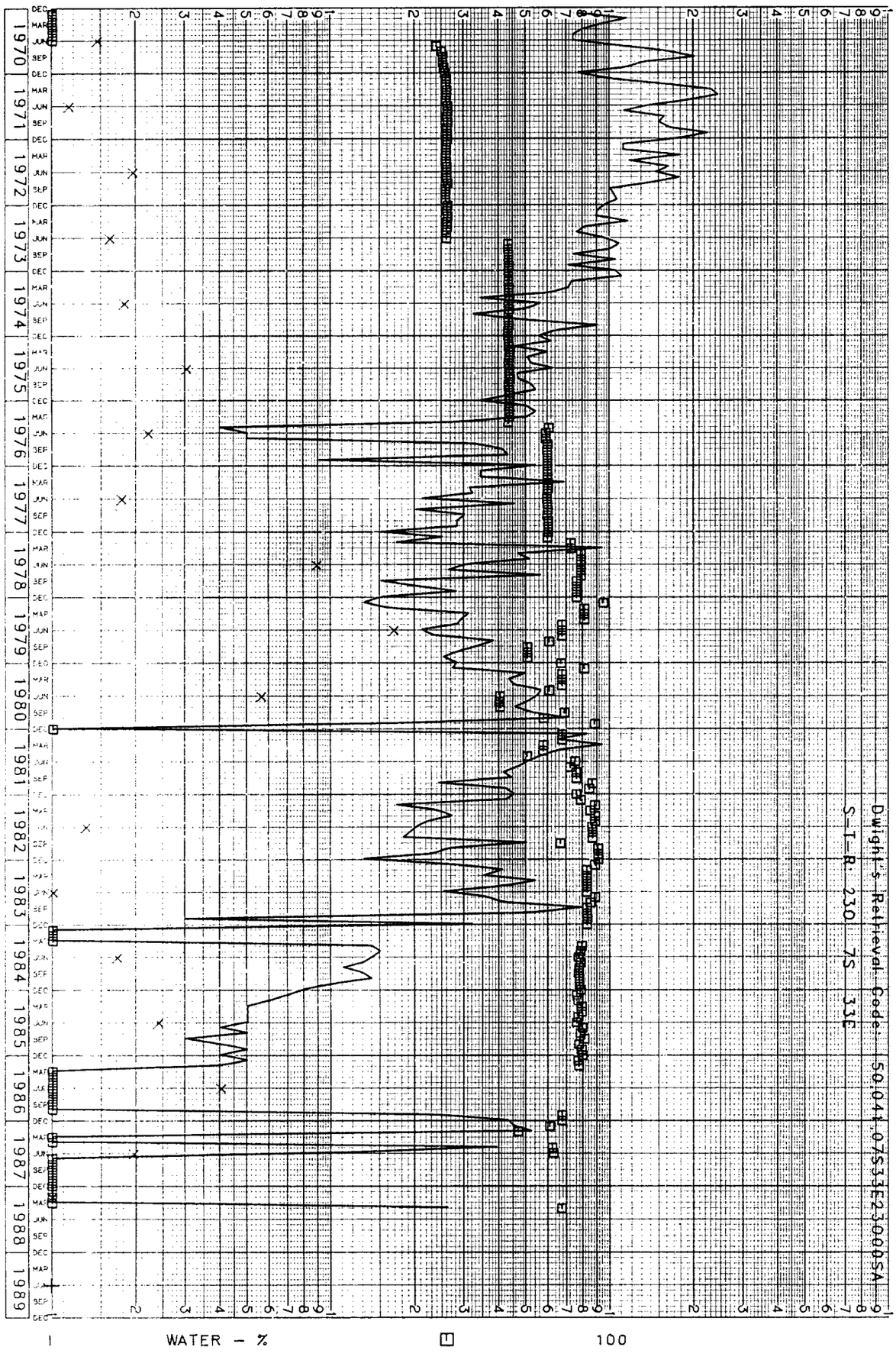
County: ROOSEVELT State: NM

Dwight's Retrieval Code: 50-041-07531-E2-300SA

S-T-R: 23-E 7S- 33E

SA

15



Operator: MIMS TEXAS O&G CO

Lease: FEDERAL 23 Well No: 000003

Field: CHAVEROO SAN ANDRES

Reservoir:

County: ROOSEVELT State: NM

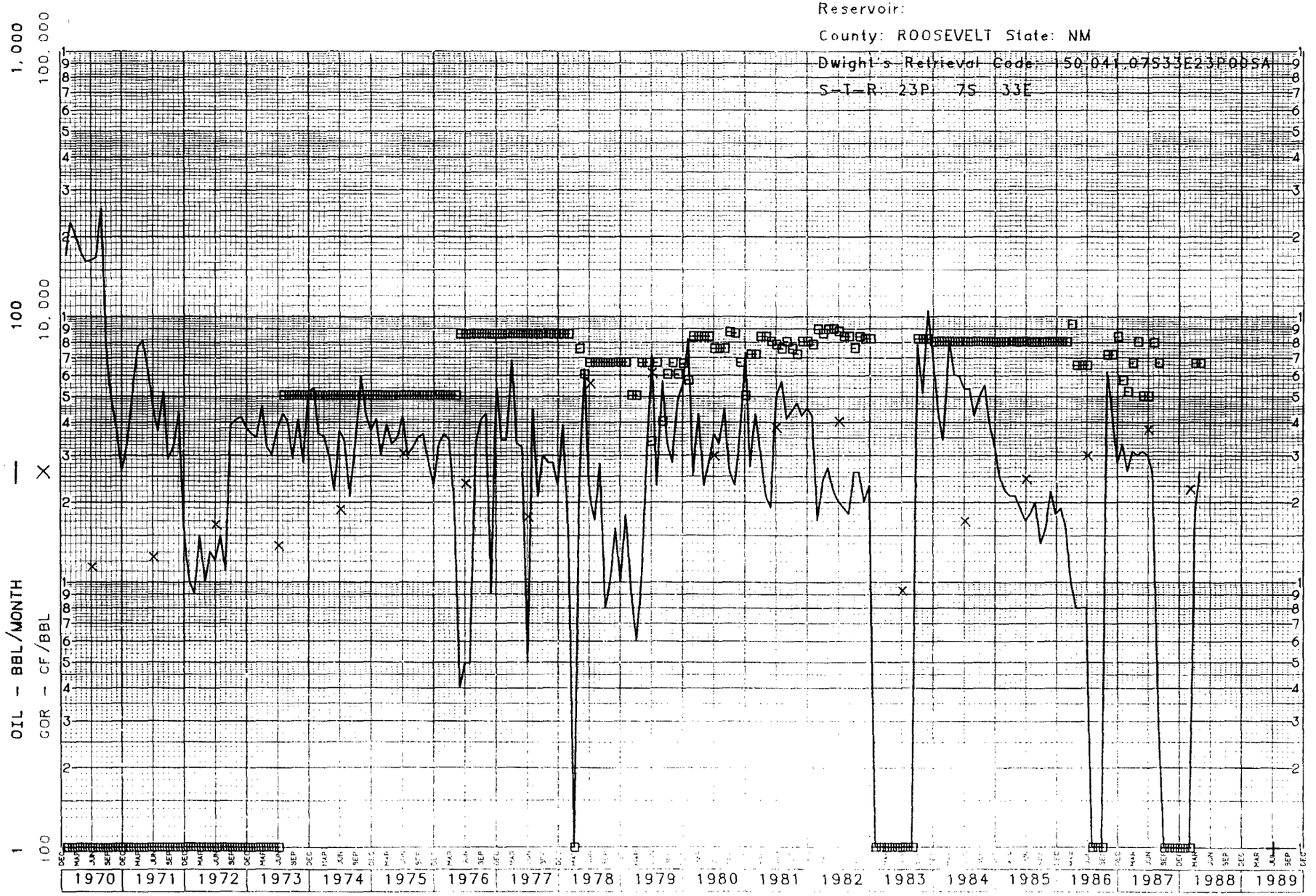
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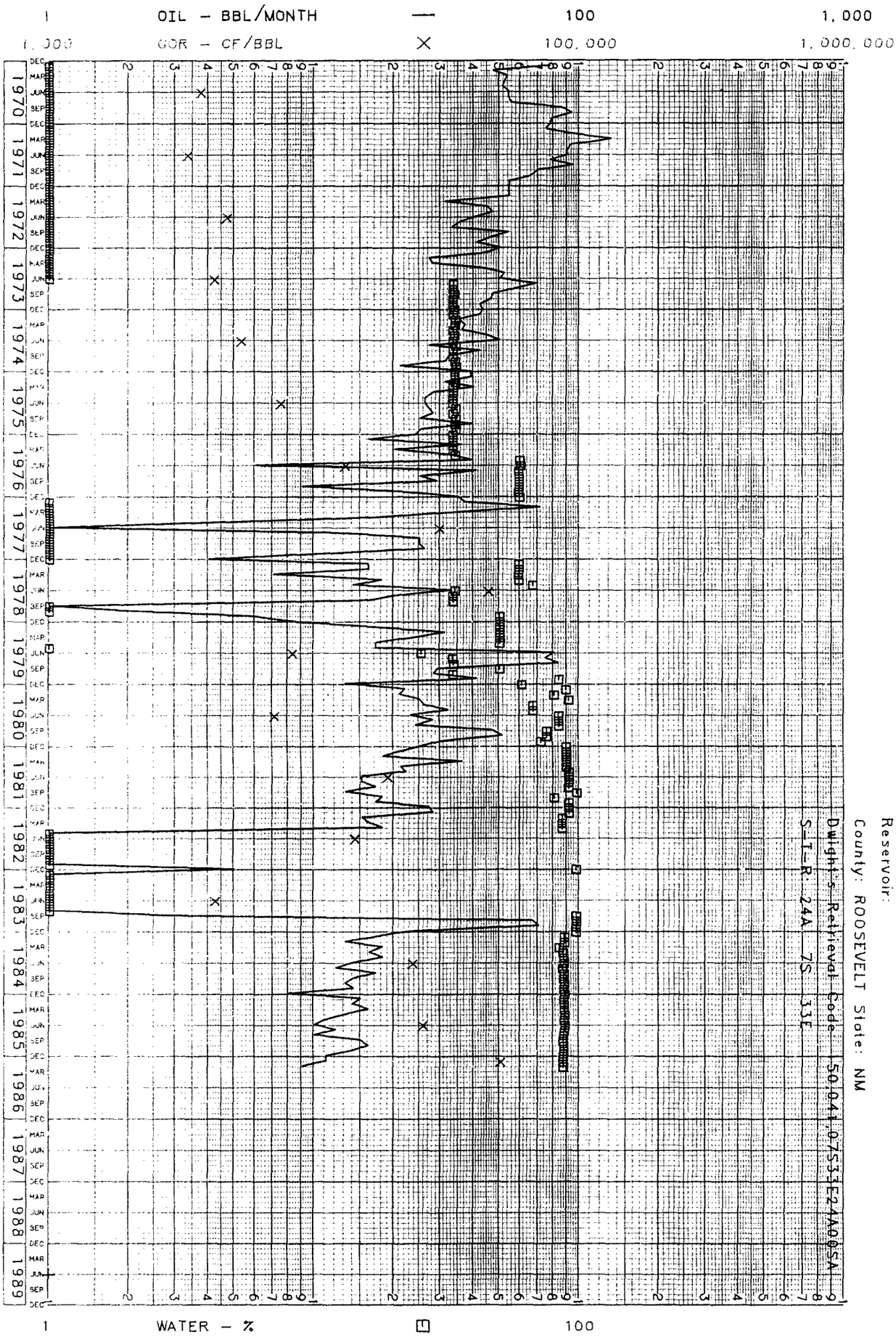
S-T-R: 23 7S 33E

SA

16

Operator: MIMS TEXAS O&G CO
Lease: FEDERAL 23 Well No: 000004
Field: CHAVEROO SAN ANDRES SA
Reservoir:
County: ROOSEVELT State: NM
Dwight's Retrieval Code: 1-50,041,07S33E23P00SA
S-T-R: 23P 7S 33E





Operator: MIMS TEXAS O&G CO

Lease: FEDERAL 24 Well No: 000008

Field: CHAVEROO SAN ANDRES

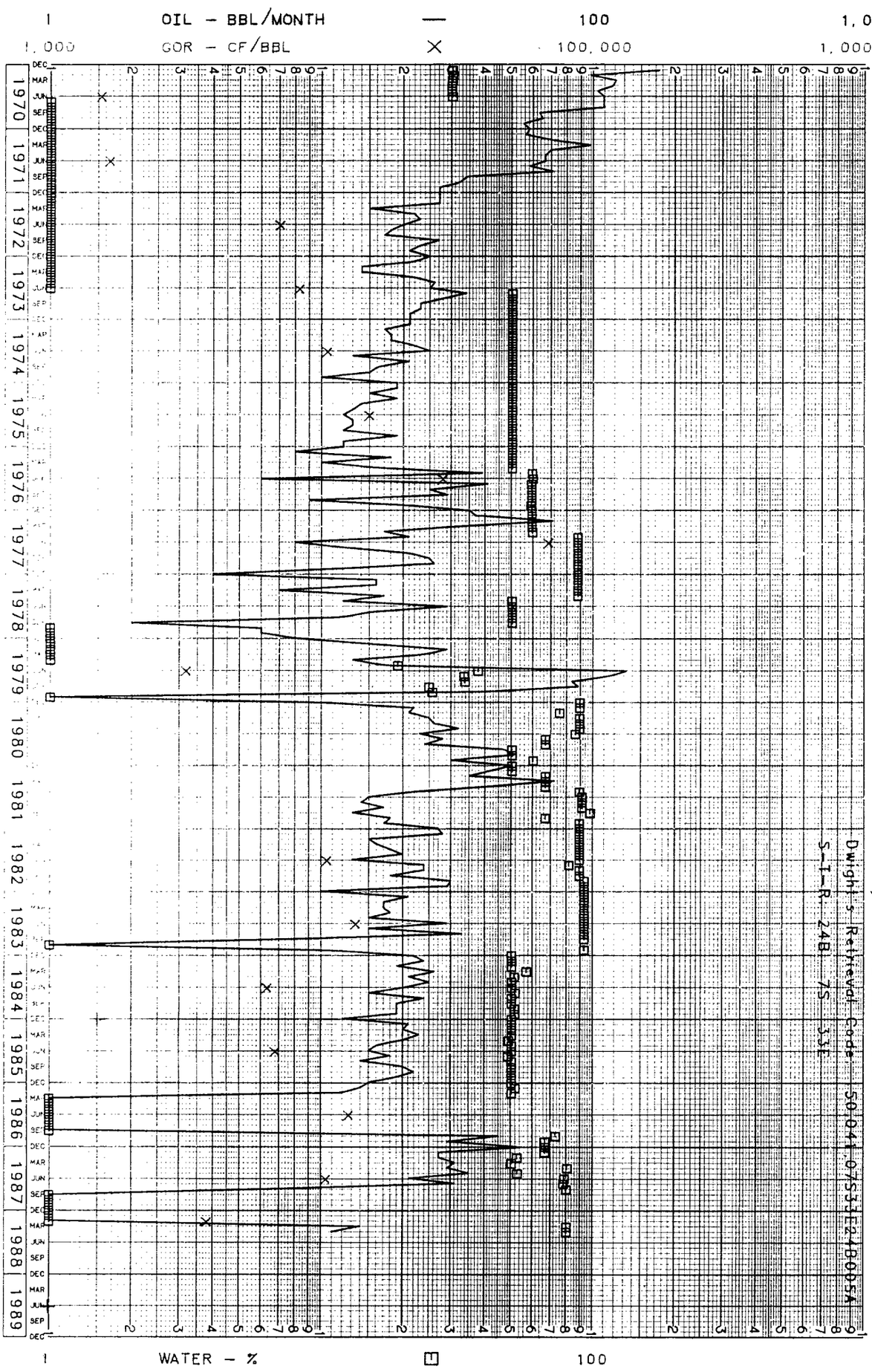
Reservoir:

County: ROOSEVELT State: NM

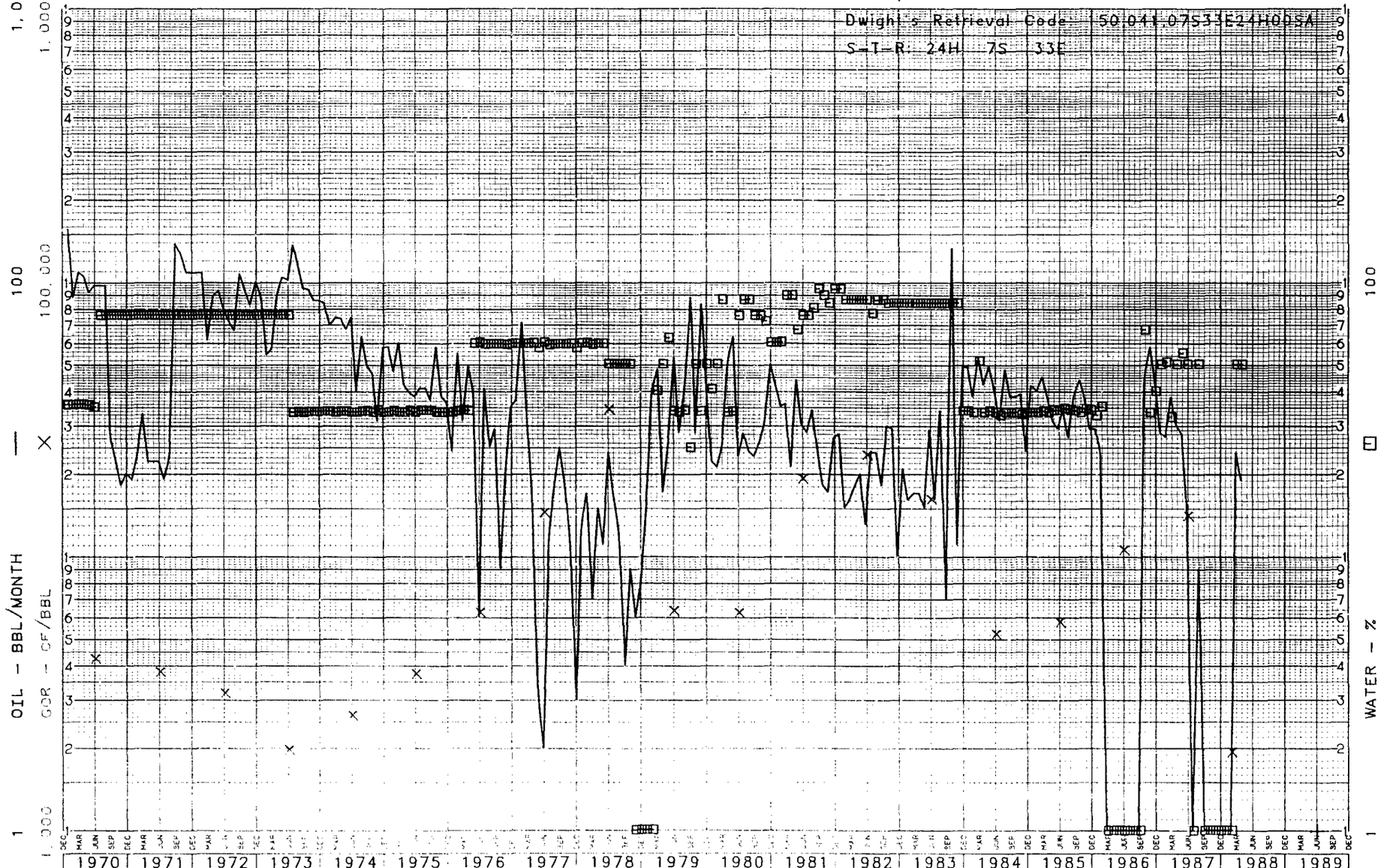
Dwight's Retrieval Code: 50.041.07533.E2AA00SA

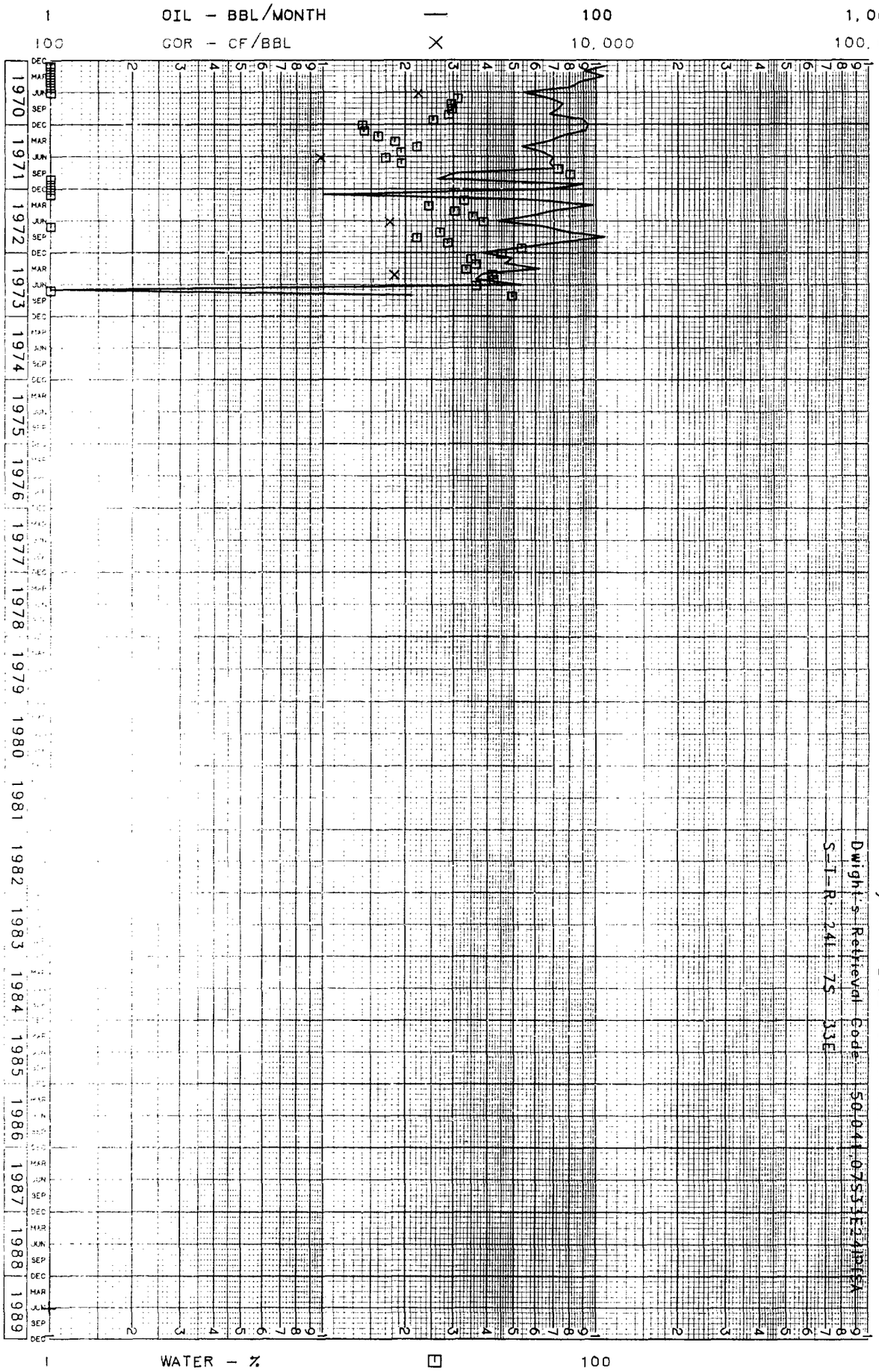
S-T-R: 24A 7S 33E

SA


1
OIL - BBL/MONTH
100
1,000
1,000
GOR - CF/BBL
100,000
1,000,000
1970
1971
1972
1973
1974
1975
1976
1977
1978
1979
1980
1981
1982
1983
1984
1985
1986
1987
1988
1989
1
WATER - %
100
Operator: MIMS TEXAS O&G CO
Lease: FEDERAL 24 Well No: 000007
Field: CHAVEROO SAN ANDRES
Reservoir:
County: ROOSEVELT State: NM
Dwight's Retrieval Code: 50-041-07533-24-0054
S-T-R: 24-8S-33E

Operator: MIMS TEXAS O&G CO
Lease: FEDERAL 24 Well No: 000005
Field: CHAVEROO SAN ANDRES SA
Reservoir:
County: ROOSEVELT State: NM
Dwight's Retrieval Code: 50 041 07S 33E 24H 00 SA
S-T-R: 24H 7S 33E





Operator: MILFORD PIPE & SUPPLY

Lease: BRADLEY Well No: 000003

Field: CHAVEROO SAN ANDRES

Reservoir:

County: ROOSEVELT State: NM

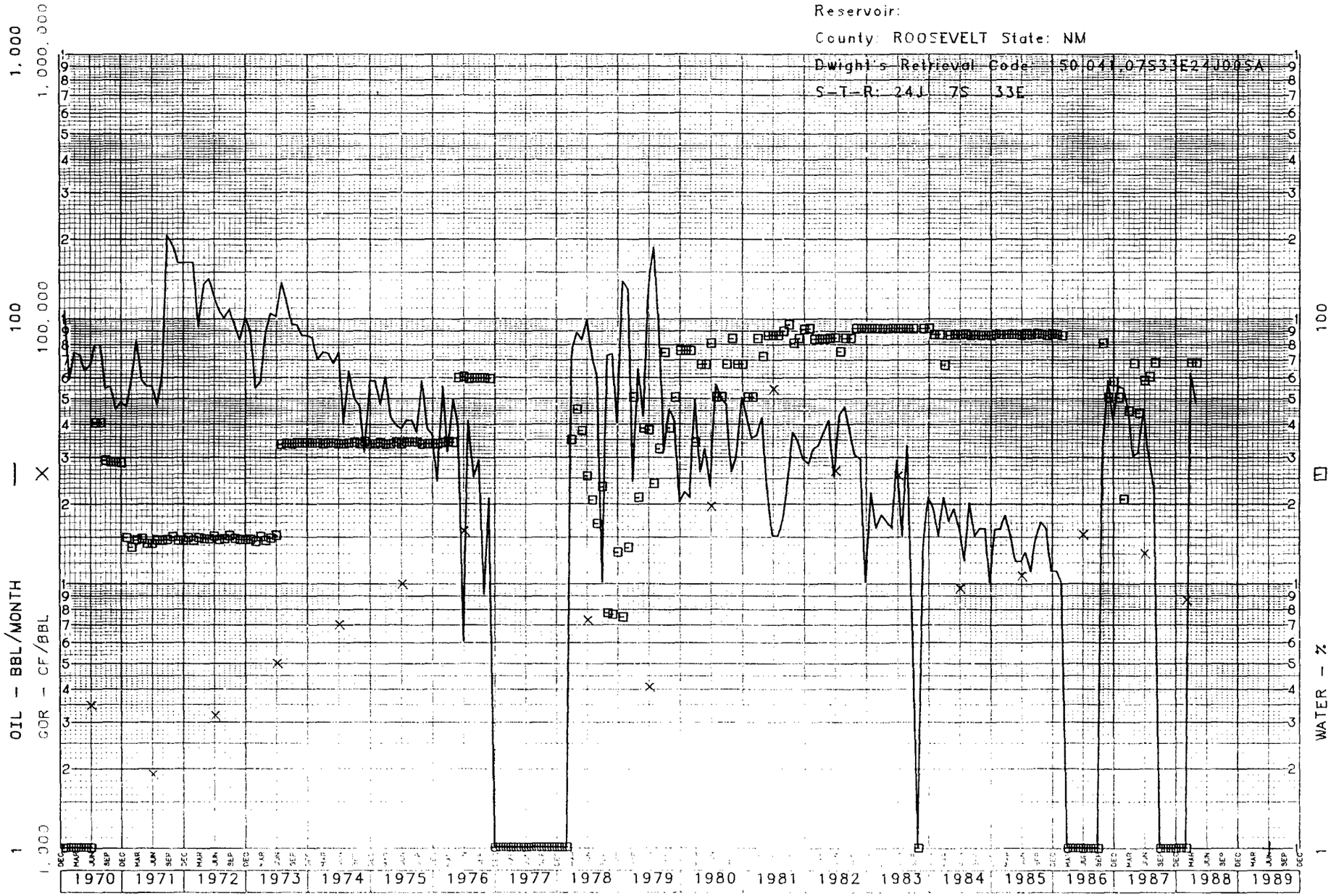
Dwight's Retrieval Code: 50.041.07533.E2/JRES

S-T-R: 24: 7S: 33E

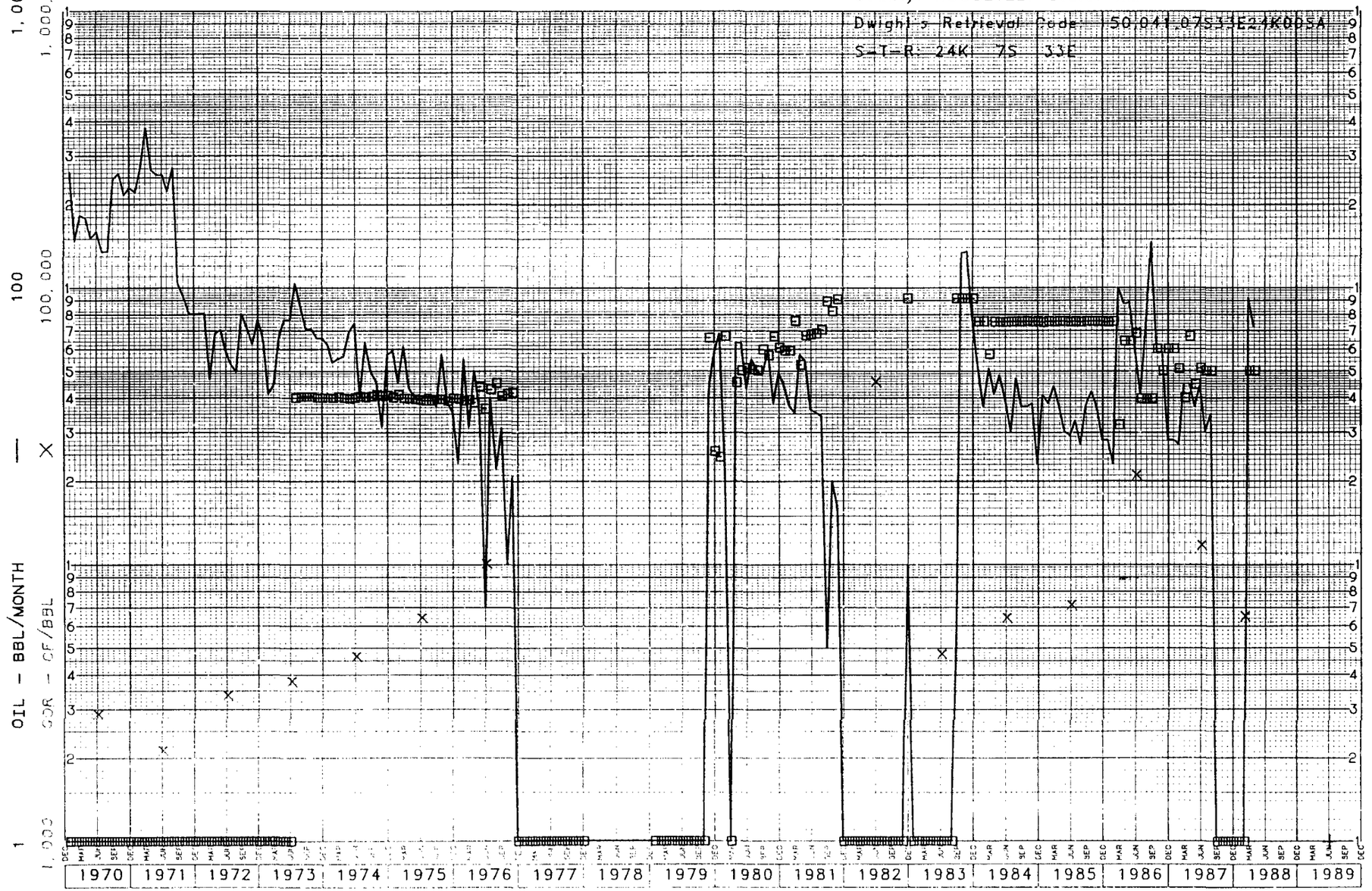
SA

21

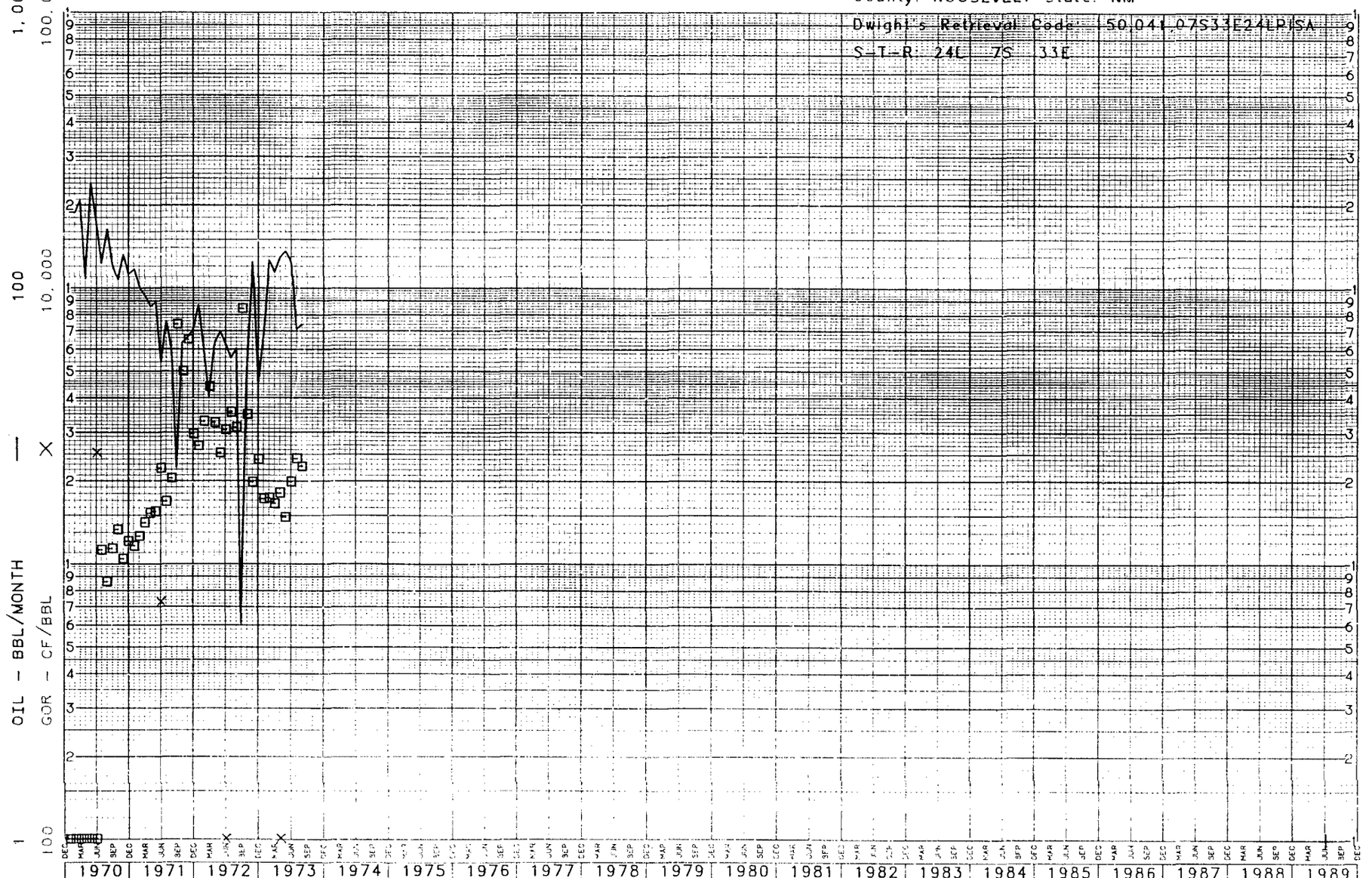
Operator: MIMS TEXAS O&G CO
Lease: FEDERAL 24 Well No: 000002
Field: CHAVEROO SAN ANDRES SA
Reservoir:
County: ROOSEVELT State: NM
Dwight's Retrieval Code: 50 041 07S33E24J00SA
S-T-R: 24J 7S 33E

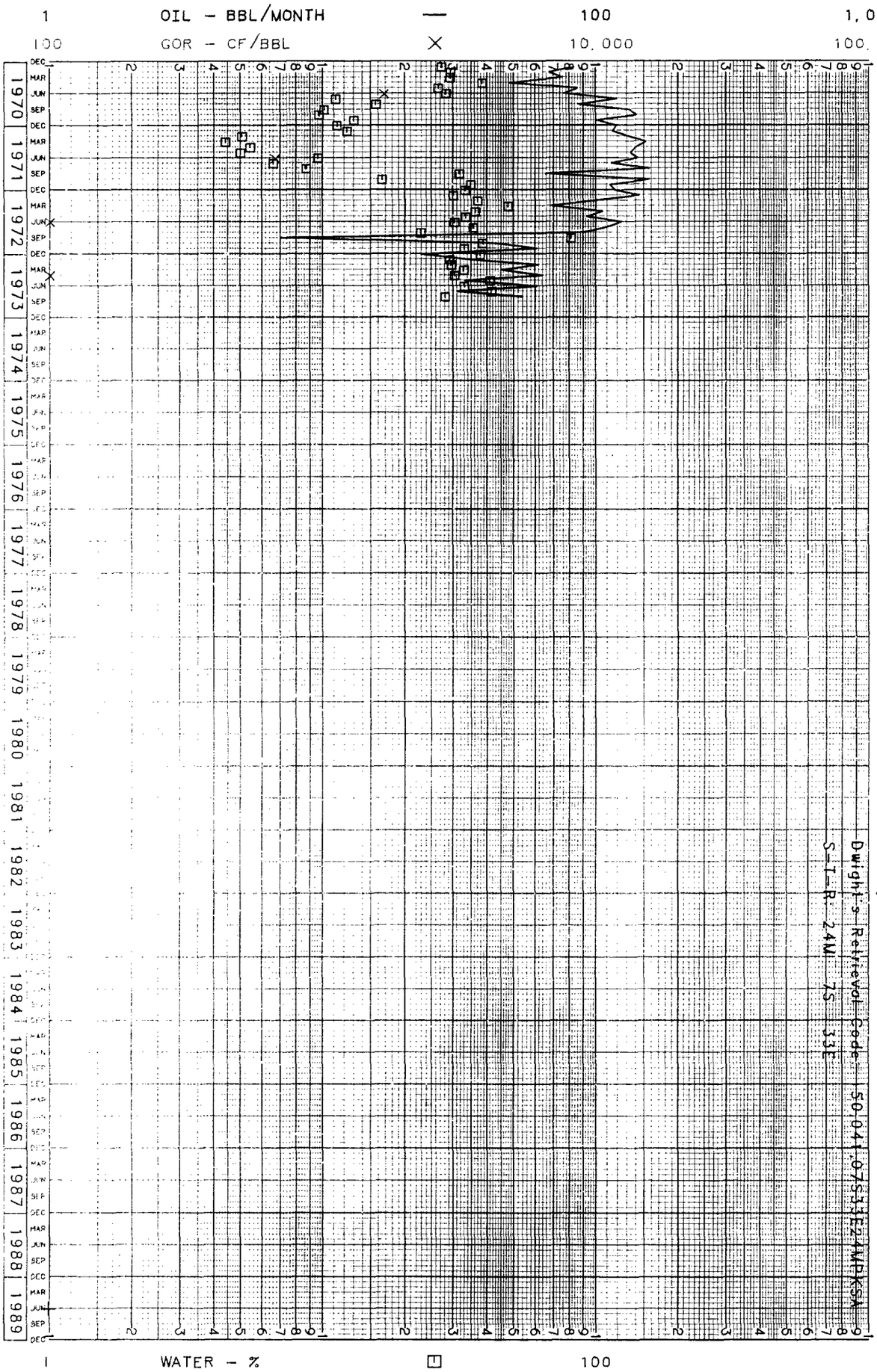


Operator: MIMS TEXAS O&G CO
Lease: FEDERAL 24 Well No: 000001
Field: CHAVEROO SAN ANDRES SA
Reservoir:
County: ROOSEVELT State: NM



Operator: MILFORD PIPE & SUPPLY
Lease: COLEMAN Well No: 000002
Field: CHAVEROO SAN ANDRES SA
Reservoir:
County: ROOSEVELT State: NM
Dwight's Retrieval Code: 50,041,07S33E24LPISA
S-T-R: 24L 7S 33E





Operator: MILFORD PIPE & SUPPLY

Lease: COLEMAN Well No: 000001

Field: CHAVEROO SAN ANDRES

Reservoir:

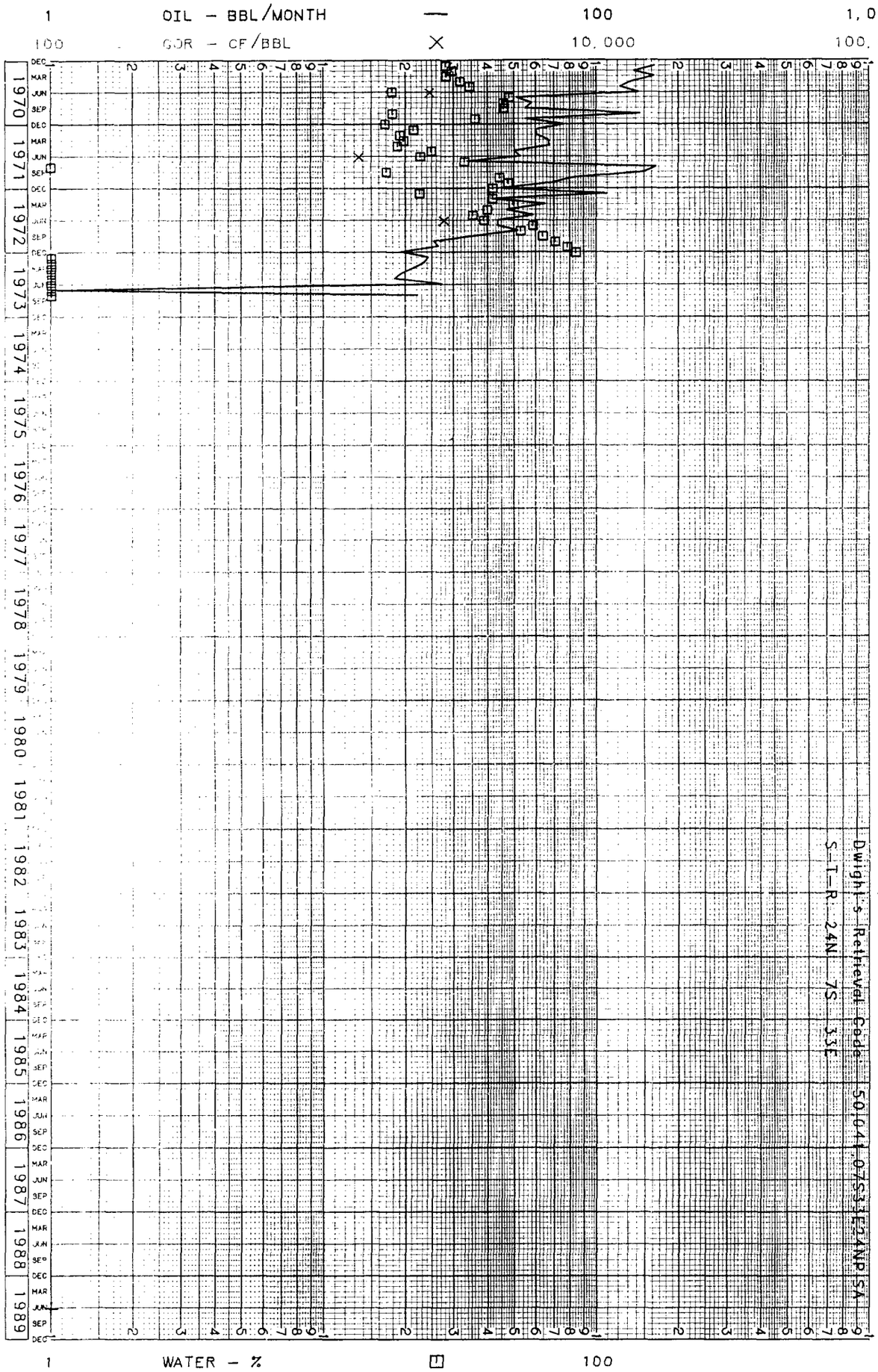
County: ROOSEVELT State: NM

Dwight's Retrieval Code: 50-041-07-S-31E-24-NPKSA

S-T-R: 24N 7S 33E

25

SA



Operator: MILFORD PIPE & SUPPLY

Lease: BRADLEY Well No: 000001

Field: CHAVEROO SAN ANDRES

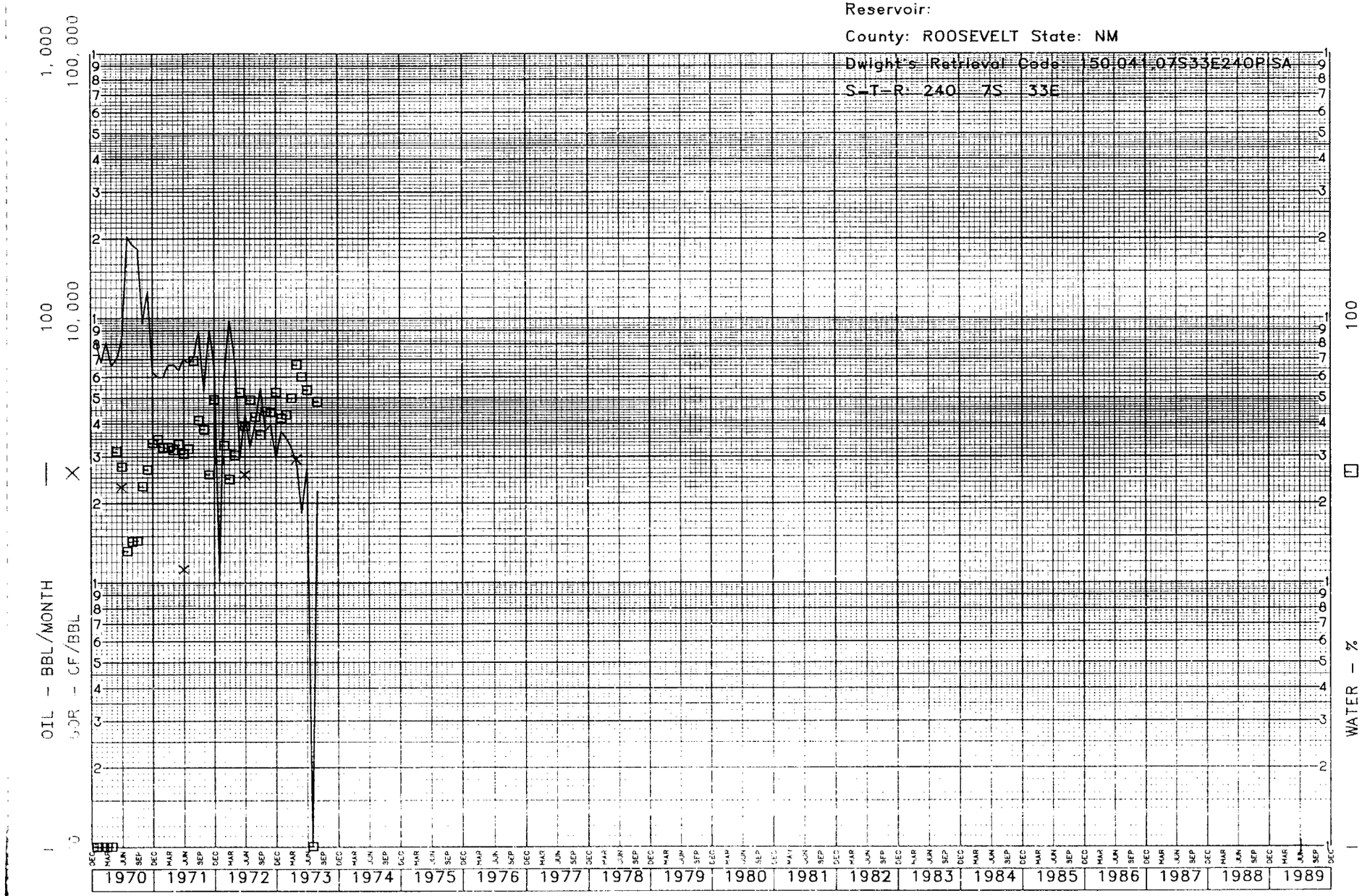
Reservoir: SA

County: ROOSEVELT State: NM

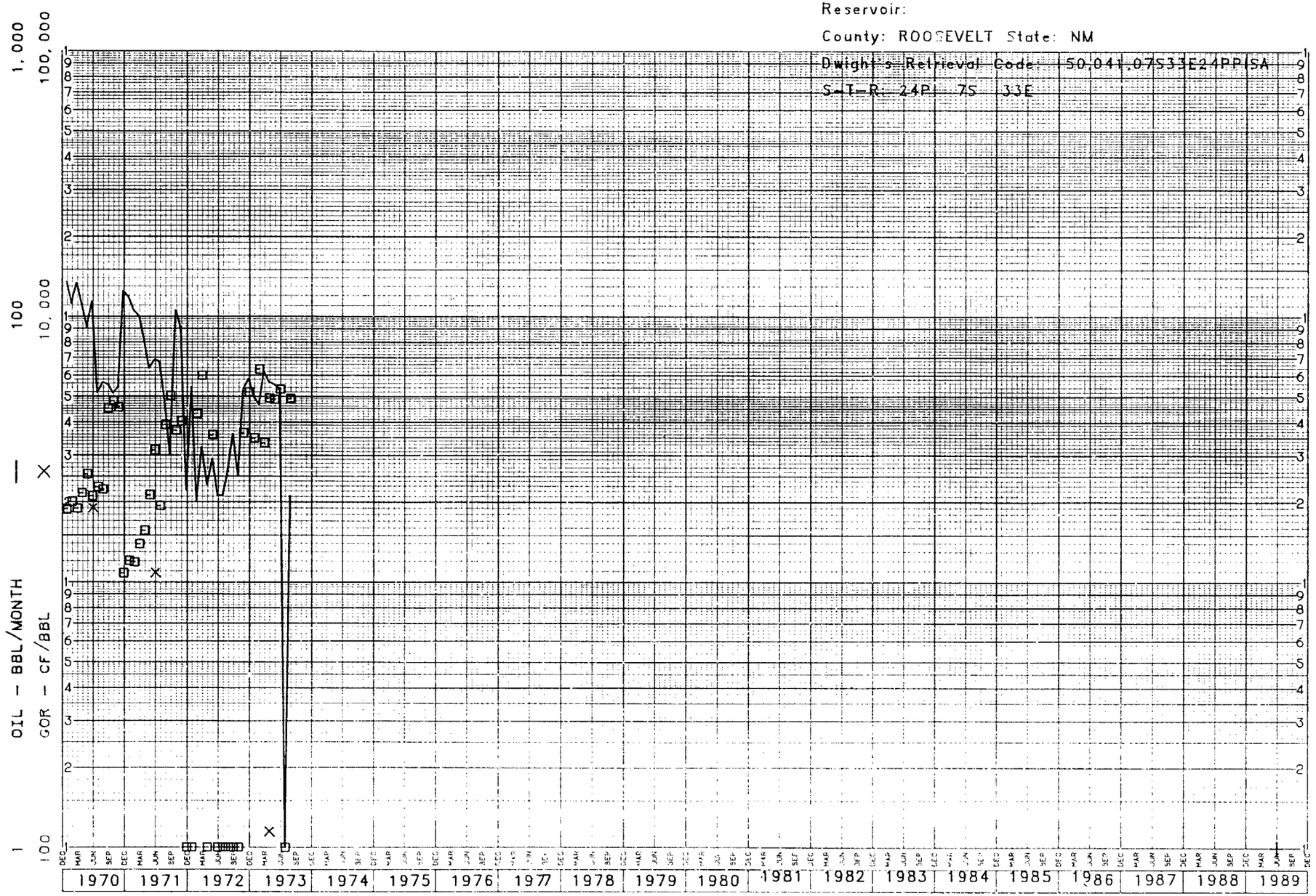
Dwight's Retrieval Code: 50,041,07S,33E,24NP SA

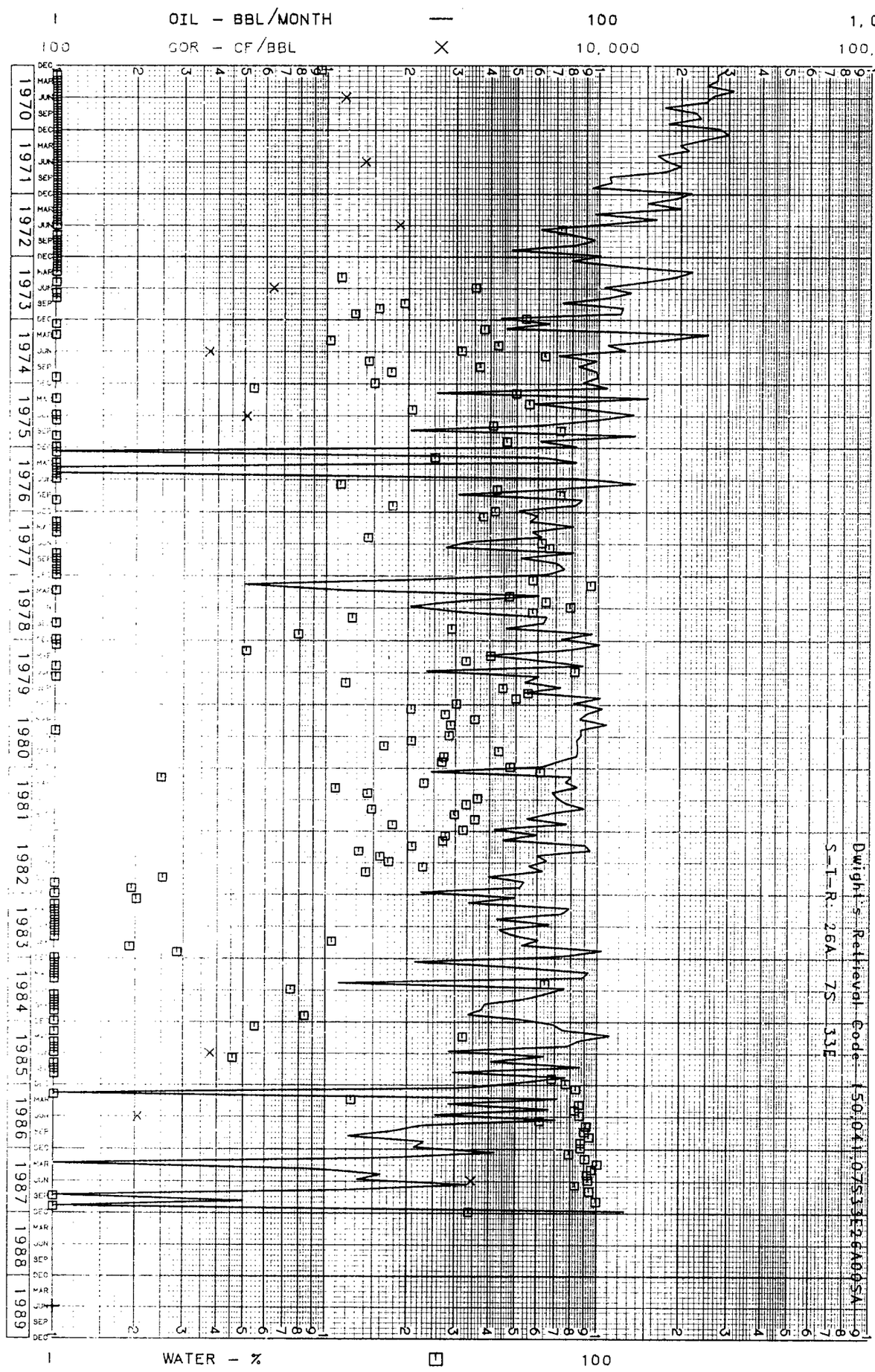
S-T-R: 24N 7S 33E

Operator: MILFORD PIPE & SUPPLY
Lease: BRADLEY Well No: 000002
Field: CHAVEROO SAN ANDRES SA
Reservoir:
County: ROOSEVELT State: NM
Dwight's Retrieval Code: 1500411,07S33E240P SA
S-T-R: 240 7S 33E

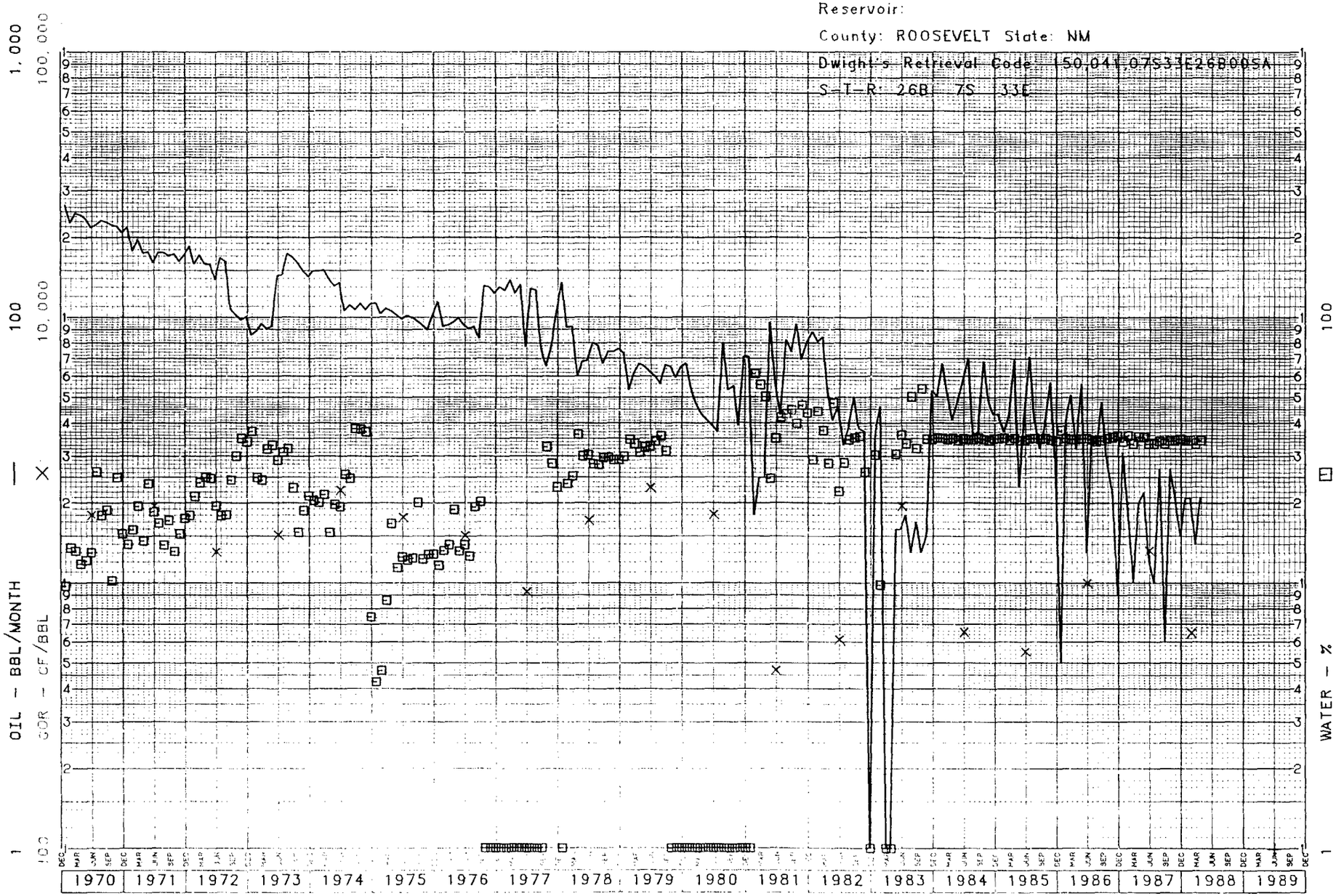


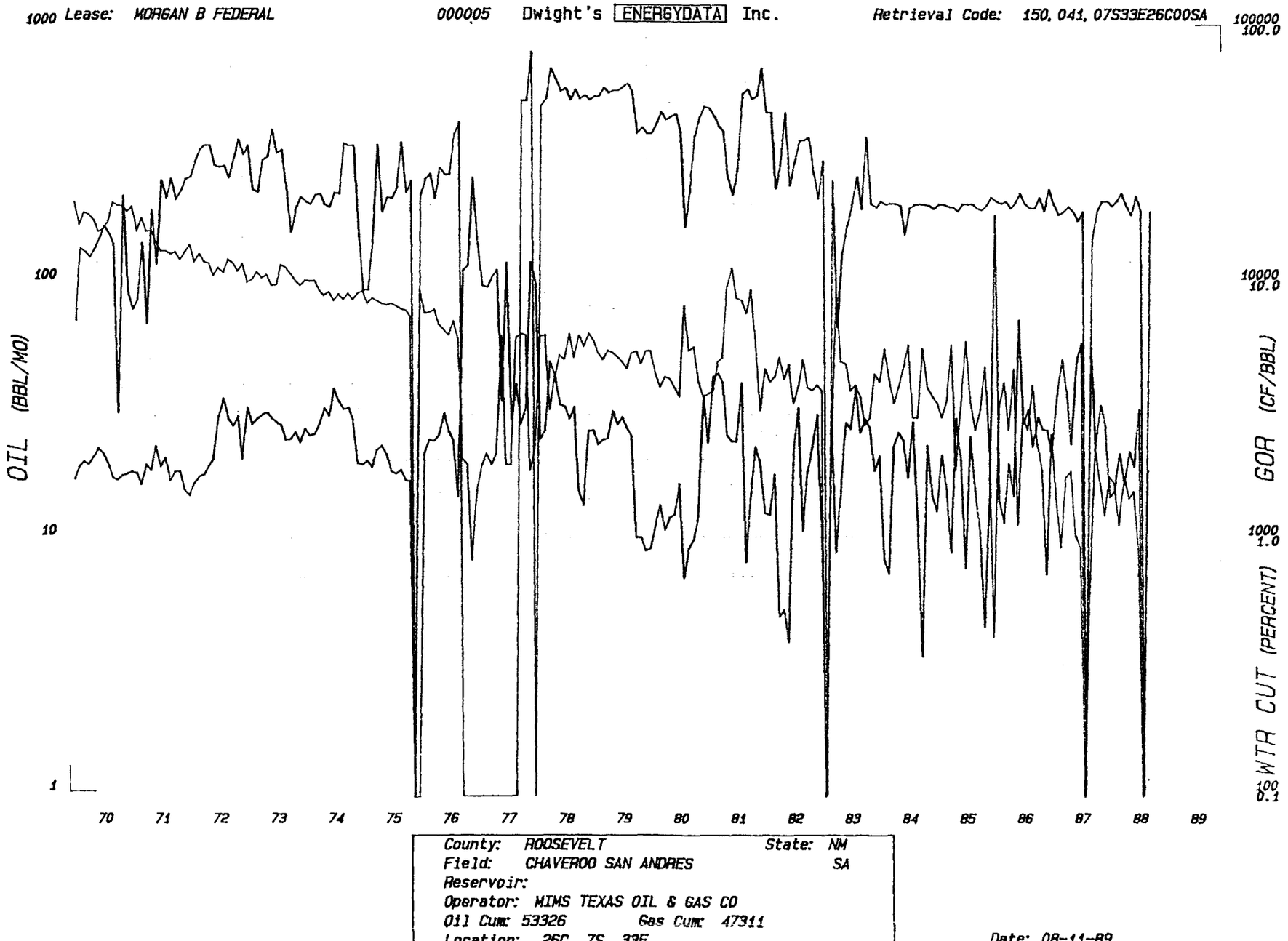
Operator: MILFORD PIPE & SUPPLY
Lease: BRADLEY Well No: 000004
Field: CHAVEROO SAN ANDRES SA
Reservoir:
County: ROOSEVELT State: NM
Dwight's Retrieval Code: 50,041,07S33E24PP SA
S-T-R: 24P 7S 33E

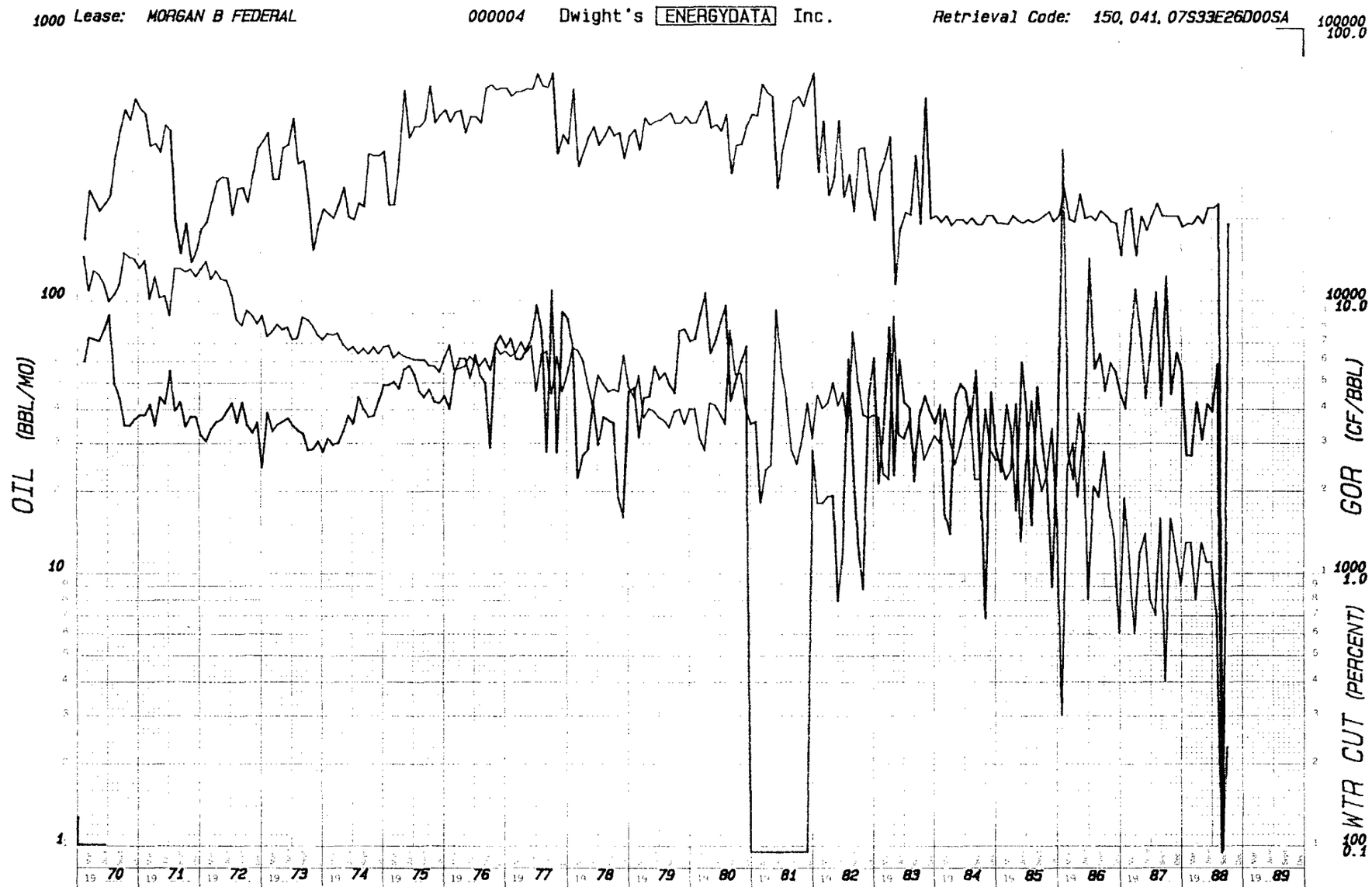



OIL – BBL/MONTH
GOR – CF/BBL
WATER – %
1
100
1,000
10,000
100,000
1970
1971
1972
1973
1974
1975
1976
1977
1978
1979
1980
1981
1982
1983
1984
1985
1986
1987
1988
1989
Operator: DALPORT OIL CORP
Lease: FEDERAL Well No: 000003
Field: CHAVEROO SAN ANDRES
Reservoir:
County: ROOSEVELT State: NM
Dwight's Retrieval Code: [50]41,075;33E;26A00SA
S-T-R: 26A 7S 33E
45
SA

Operator: LYNX PETROLEUM CONSLTNTS
Lease: MORGAN B FEDERAL Well No: 000006
Field: CHAVEROO SAN ANDRES SA
Reservoir:
County: ROOSEVELT State: NM
Dwight's Retrieval Code: 50,041,07S33E26B00SA
S-T-R: 26B 7S 33E

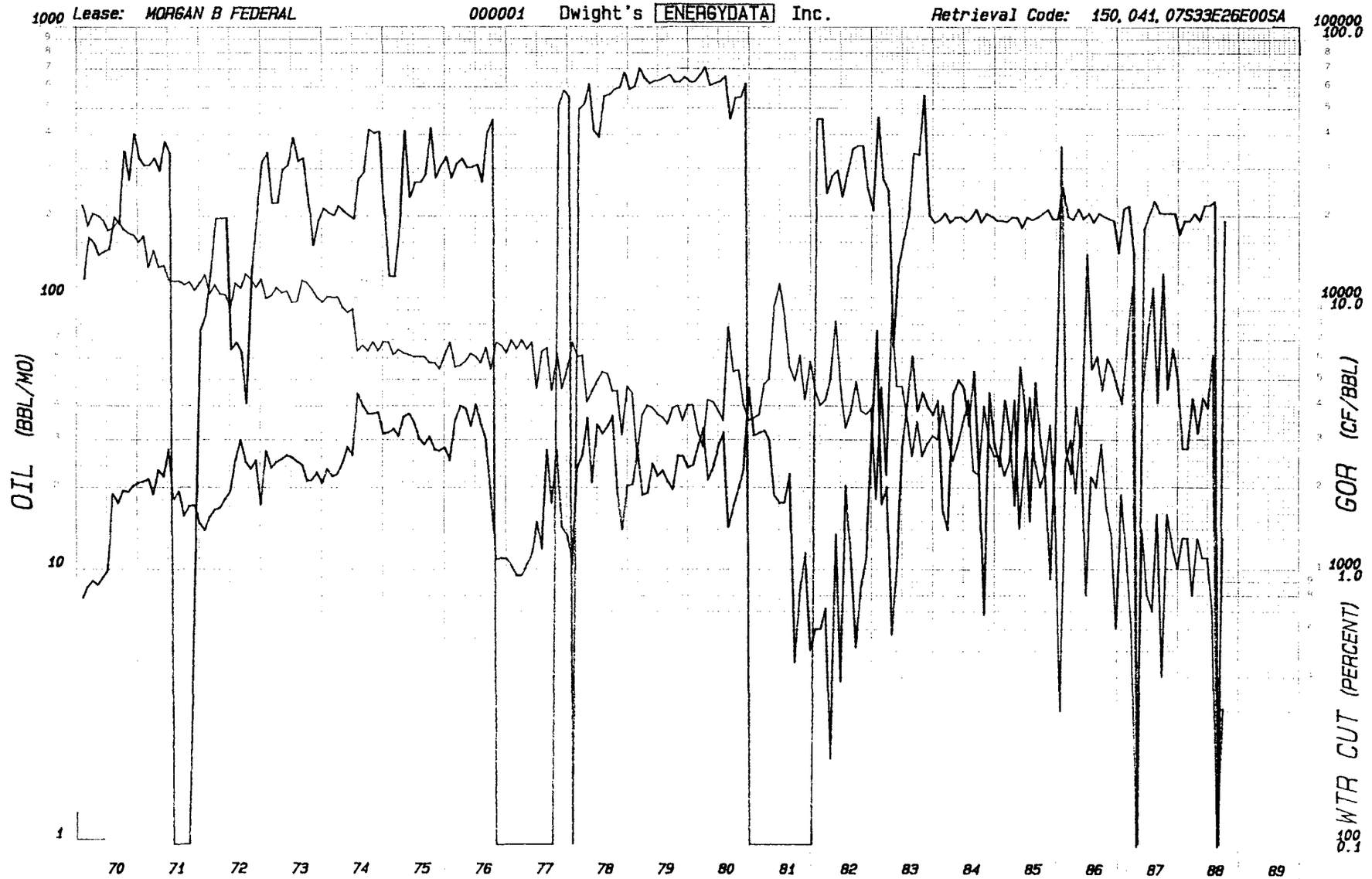


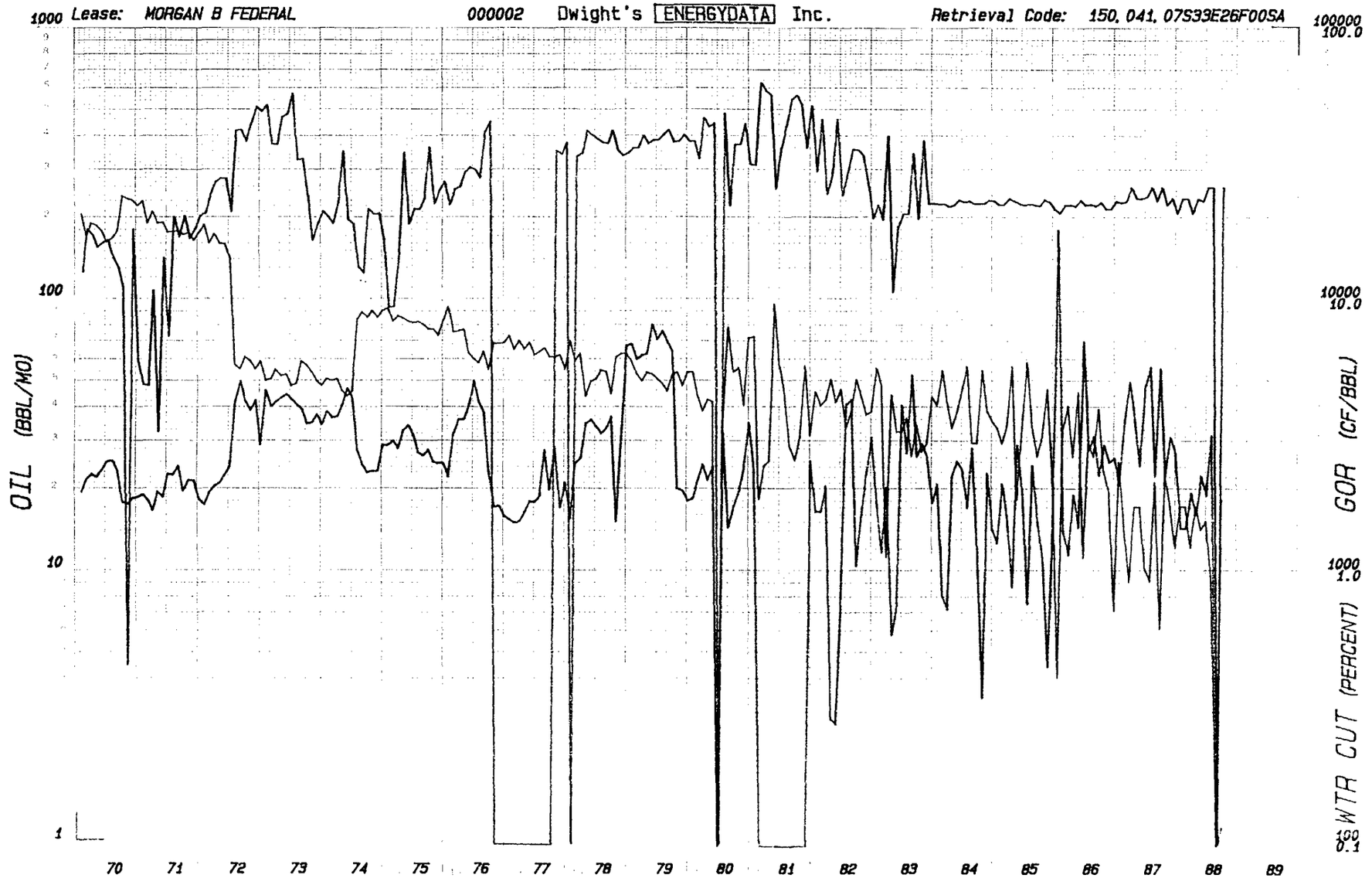

1000 Lease: MORGAN B FEDERAL
000005 Dwight's ENERGYDATA Inc.
Retrieval Code: 150, 041, 07S33E26C00SA
100000
100.0
10000
10.0
1000
1.0
100
0.1
OIL (BBL/MO)
GOR (CF/BBL)
WTR CUT (PERCENT)
100
10
1
70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89
County: ROOSEVELT State: NM
Field: CHAVEROO SAN ANDRES SA
Reservoir:
Operator: MIMS TEXAS OIL & GAS CO
Oil Cum: 53326 Gas Cum: 47311
Location: 26C 7S 33E
Date: 08-11-89



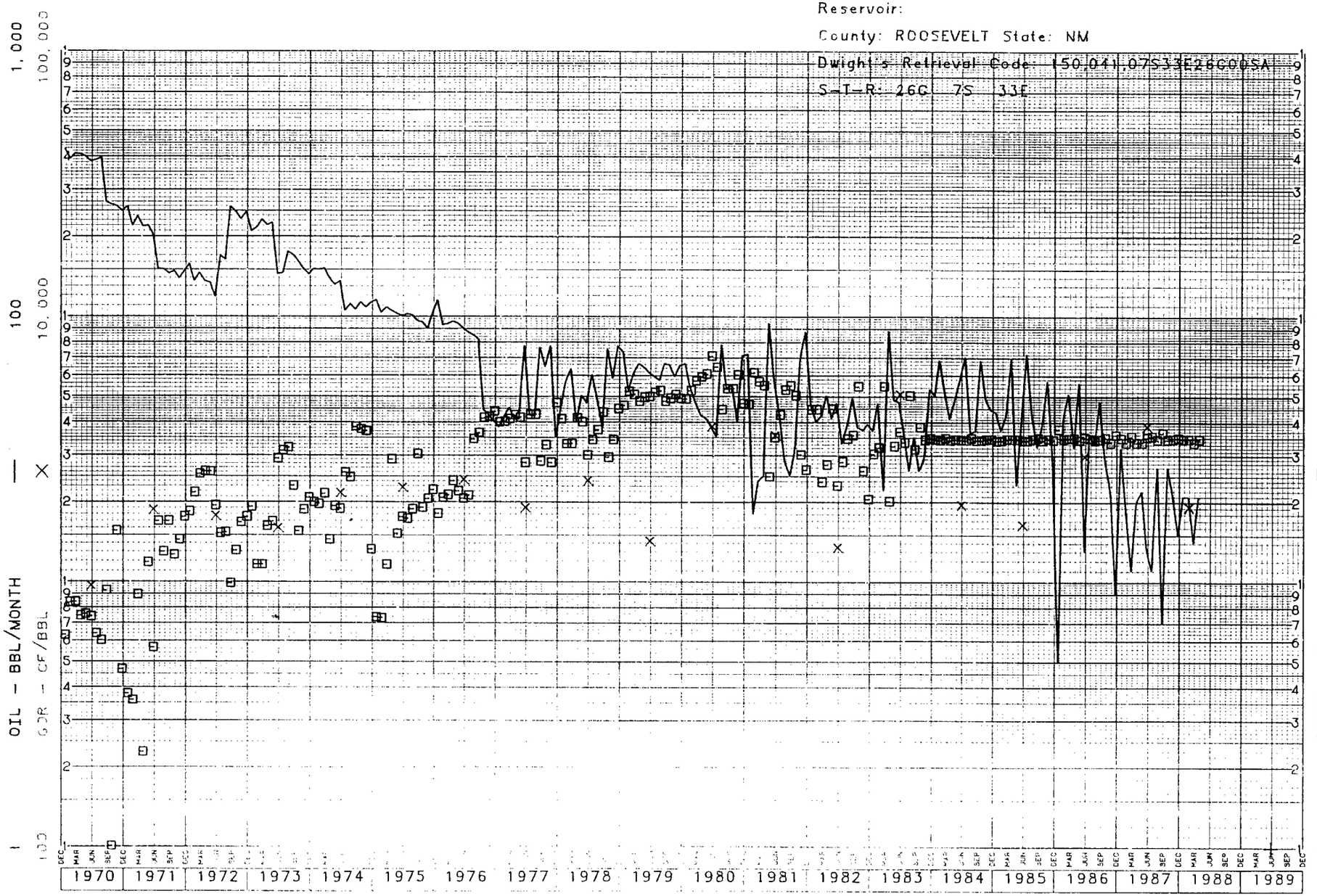
County: ROOSEVELT State: NM
Field: CHAVEROO SAN ANDRES SA
Reservoir:
Operator: MIMS TEXAS OIL & GAS CO
Oil Cum: 46605 Gas Cum: 101881
Location: 26D 7S 33E

Date: 08-11-89

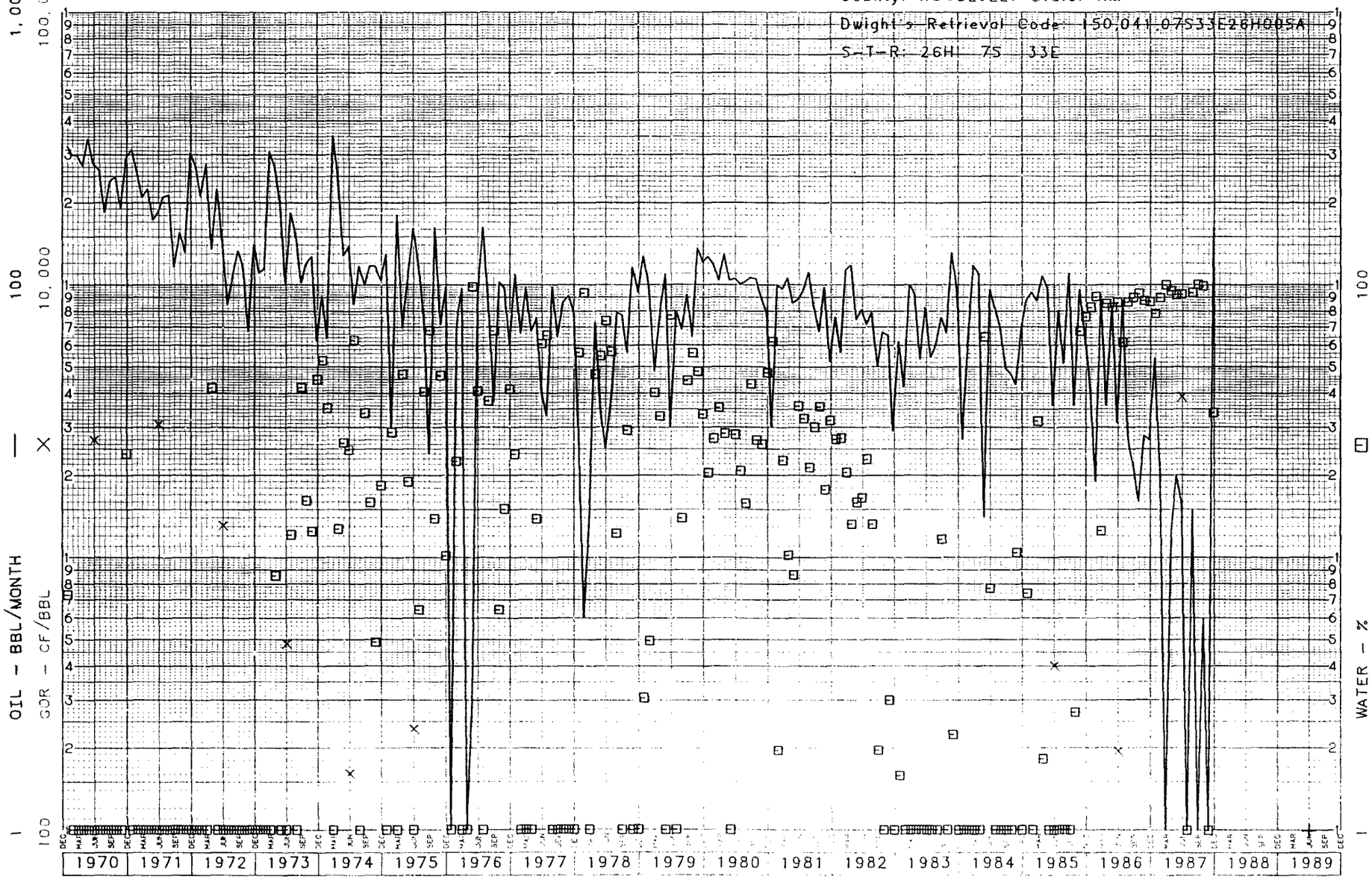

Lease: MORGAN B FEDERAL
000001 Dwight's ENERGYDATA Inc.
Retrieval Code: 150, 041, 07S33E26E00SA
OIL (BBL/MO)
GOR (CF/BBL)
WTR CUT (PERCENT)
1000
100
10
1
100000
10000
1000
100
70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89
County: ROOSEVELT State: NM
Field: CHAVEROO SAN ANDRES SA
Reservoir:
Operator: MIMS TEXAS OIL & GAS CO
Oil Cum: 47941 Gas Cum: 54282
Location: 26E 7S 33E
Date: 08-11-89

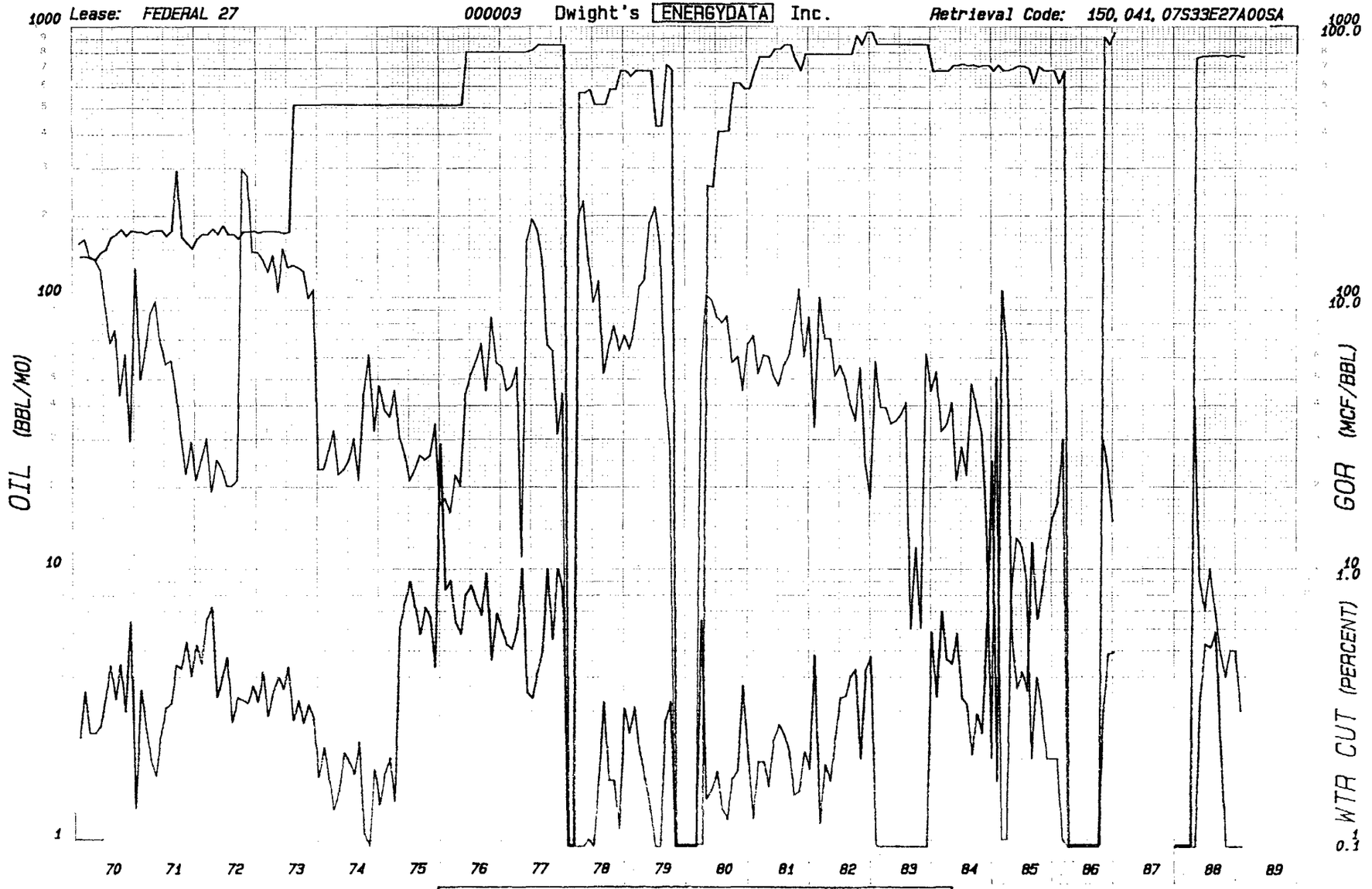

Lease: MORGAN B FEDERAL
000002 Dwight's ENERGYDATA Inc.
Retrieval Code: 150, 041, 07S33E26F00SA
OIL (BBL/MO)
GOR (CF/BBL)
WTR CUT (PERCENT)
1000
100
10
1
100000
100.0
10000
10.0
1000
1.0
100
0.1
70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89
County: ROOSEVELT State: NM
Field: CHAVEROO SAN ANDRES SA
Reservoir:
Operator: MIMS TEXAS OIL & GAS CO
Oil Cum: 48870 Gas Cum: 69033
Location: 26F 7S 33E
Date: 08-11-89

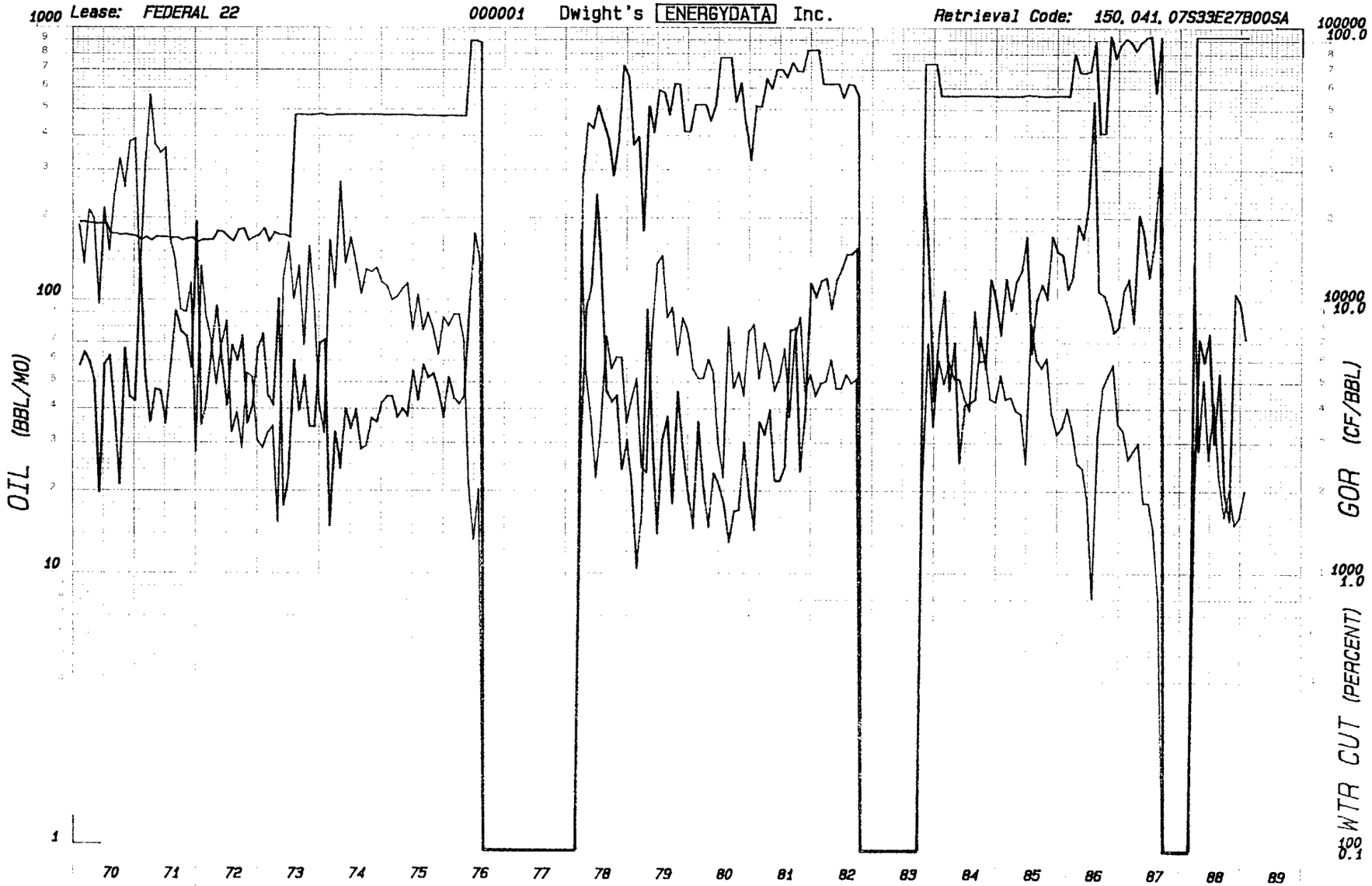
Operator: LYNX PETROLEUM CONSLTNTS
Lease: MORGAN B FEDERAL Well No: 000003
Field: CHAVEROO SAN ANDRES SA
Reservoir:
County: ROOSEVELT State: NM
Dwight's Retrieval Code: 150,041,07S33E26C00SA
S-T-R: 26C 7S 33E

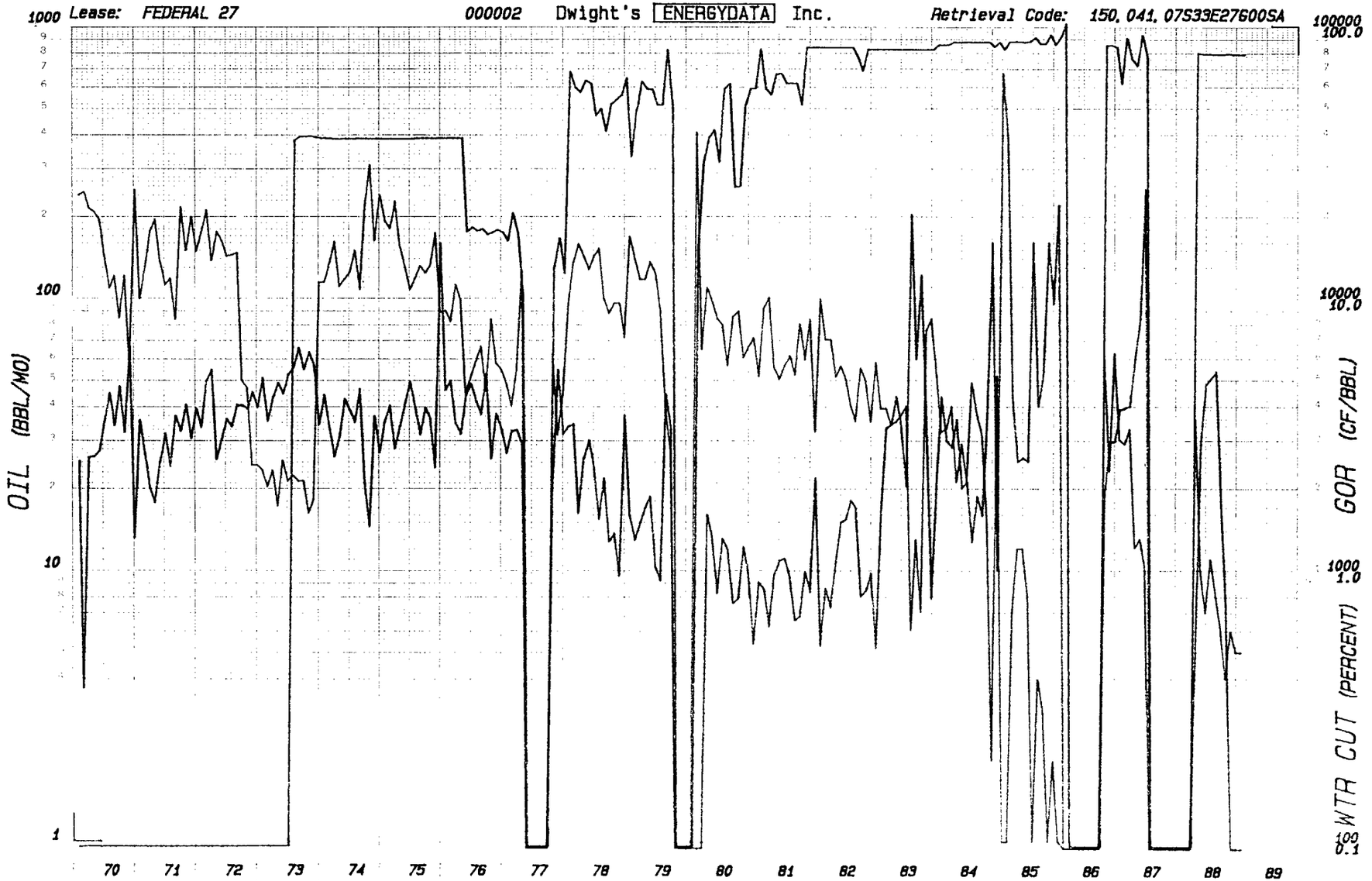


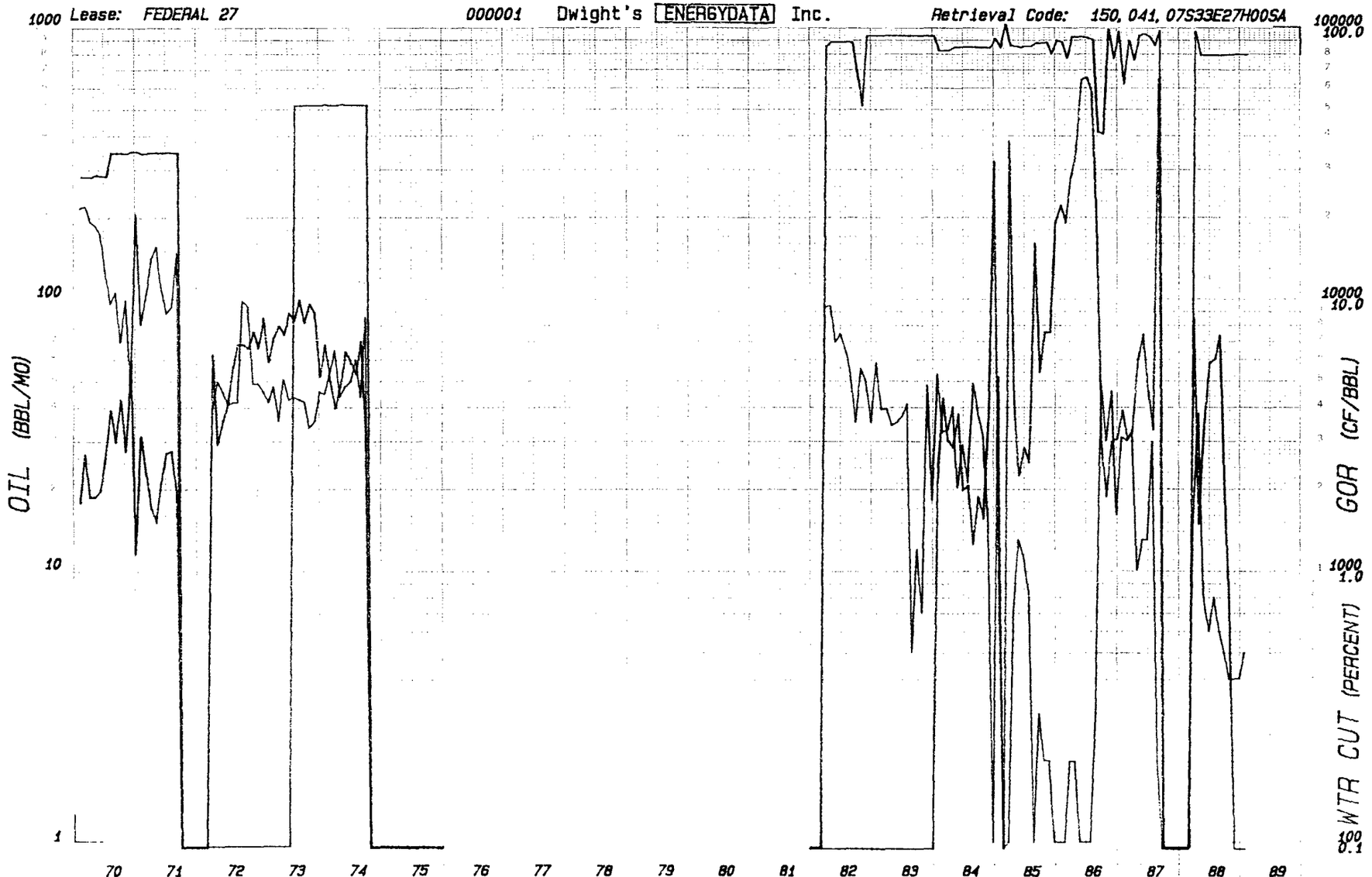
Operator: DALPORT OIL CORP
Lease FEDERAL Well No: 000004
Field: CHAVEROO SAN ANDRES SA
Reservoir:
County: ROOSEVELT State: NM
Dwight's Retrieval Code: 150,041,07S33E26H005A
S-T-R: 26H 7S 33E

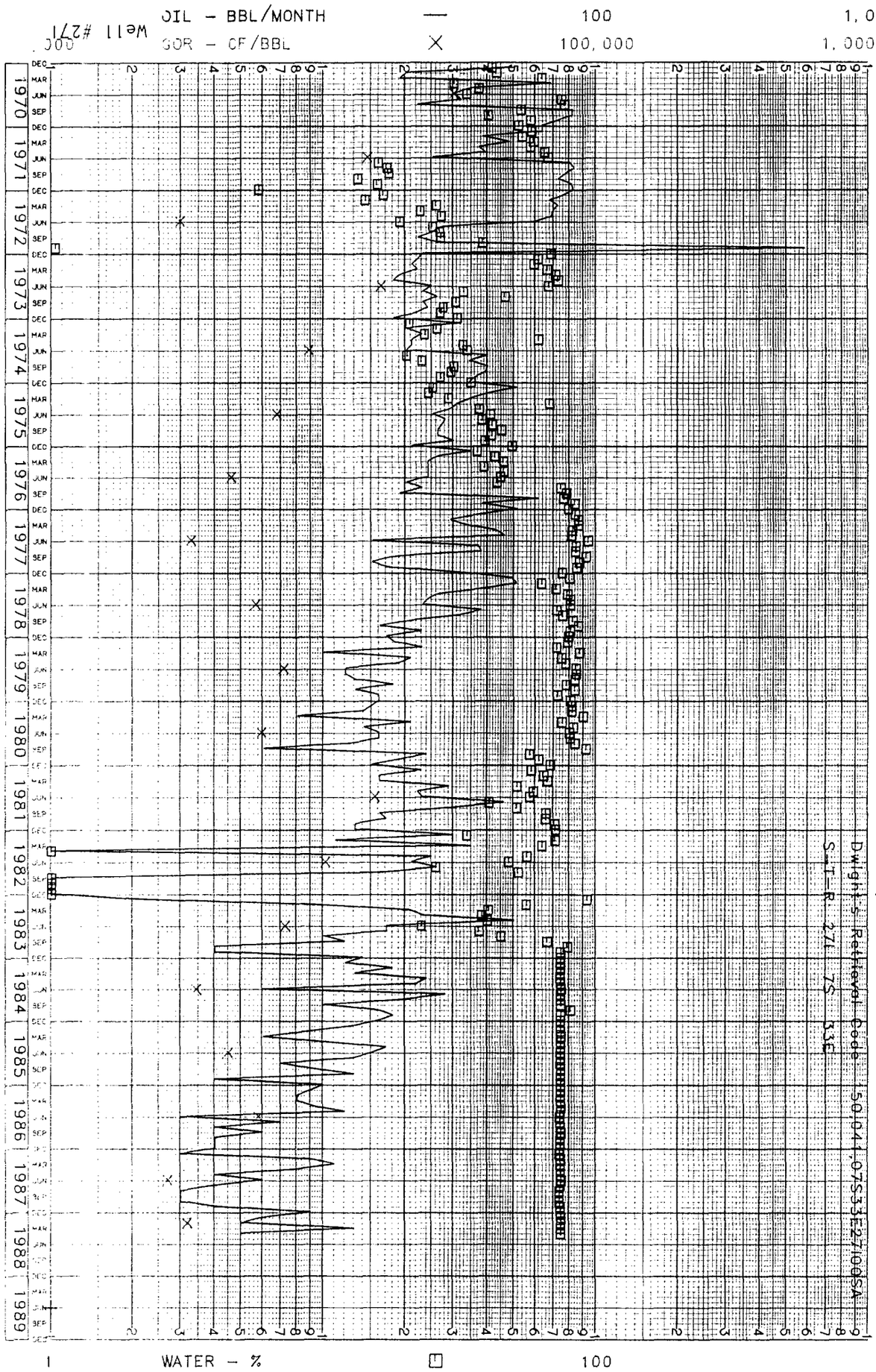



Lease: FEDERAL 27
000003 Dwight's ENERGYDATA Inc.
Retrieval Code: 150, 041, 07S33E27A00SA
OIL (BBL/MO)
GOR (MCF/BBL)
WTR CUT (PERCENT)
1000
100
10
1
100.0
10.0
1.0
0.1
70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89
County: ROOSEVELT State: NM
Field: CHAVEROO SAN ANDRES SA
Reservoir:
Operator: MIMS TEXAS OIL & GAS CO
Oil Cum: 36649 Gas Cum: 60515
Location: 27A 7S 33E
Date: 08-11-89


Lease: FEDERAL 22
000001 Dwight's ENERGYDATA Inc.
Retrieval Code: 150, 041, 07S33E27B00SA
OIL (BBL/MO)
GOR (CF/BBL)
WTR CUT (PERCENT)
1000
100
10
1
100000
10000
1000
100
100.0
10.0
1.0
0.1
70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89
County: ROOSEVELT State: NM
Field: CHAVEROO SAN ANDRES SA
Reservoir:
Operator: MIMS TEXAS OIL & GAS CO
Oil Cum: 36964 Gas Cum: 114256
Location: 27B 7S 33E
Date: 08-11-89

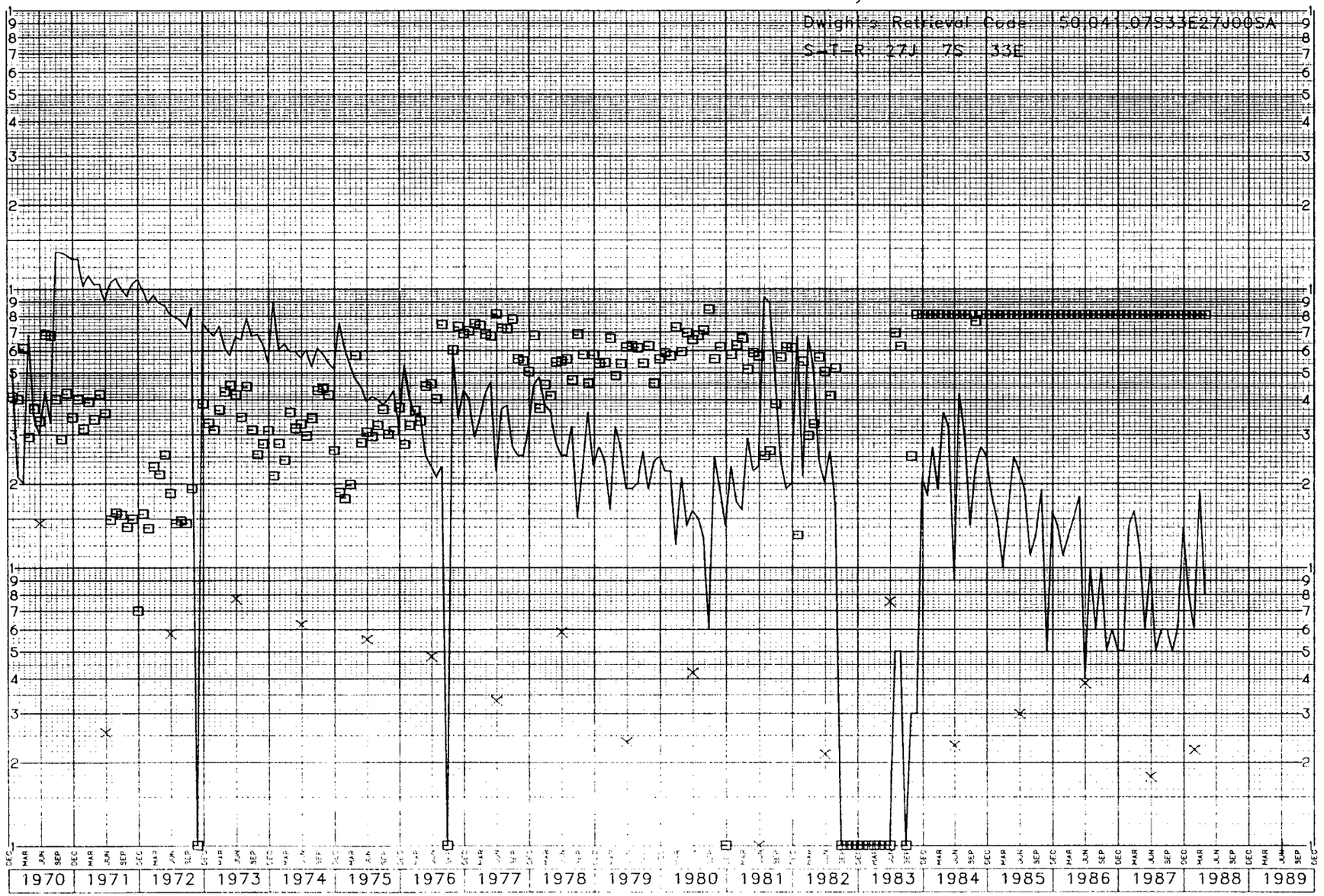

Lease: FEDERAL 27
000002 Dwight's ENERGYDATA Inc.
Retrieval Code: 150, 041, 07S33E27600SA
OIL (BBL/MO)
GOR (CF/BBL)
WTR CUT (PERCENT)
1000
100
10
1
100000
10000
1000
100
100.0
10.0
1.0
0.1
70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89
County: ROOSEVELT State: NM
Field: CHAVEROO SAN ANDRES SA
Reservoir:
Operator: MIMS TEXAS OIL & GAS CO
Oil Cum: 42491 Gas Cum: 89424
Location: 27G 7S 33E
Date: 08-11-89


Lease: FEDERAL 27
000001 Dwight's ENERGYDATA Inc.
Retrieval Code: 150, 041, 07S33E27H00SA
OIL (BBL/MO)
GOR (CF/BBL)
WTR CUT (PERCENT)
1000
100
10
1
100000
10000
1000
100
70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89
County: ROOSEVELT State: NM
Field: CHAVEROO SAN ANDRES SA
Reservoir:
Operator: MIMS TEXAS OIL & GAS CO
Oil Cum: 31750 Gas Cum: 44661
Location: 27H 7S 33E
Date: 08-11-89

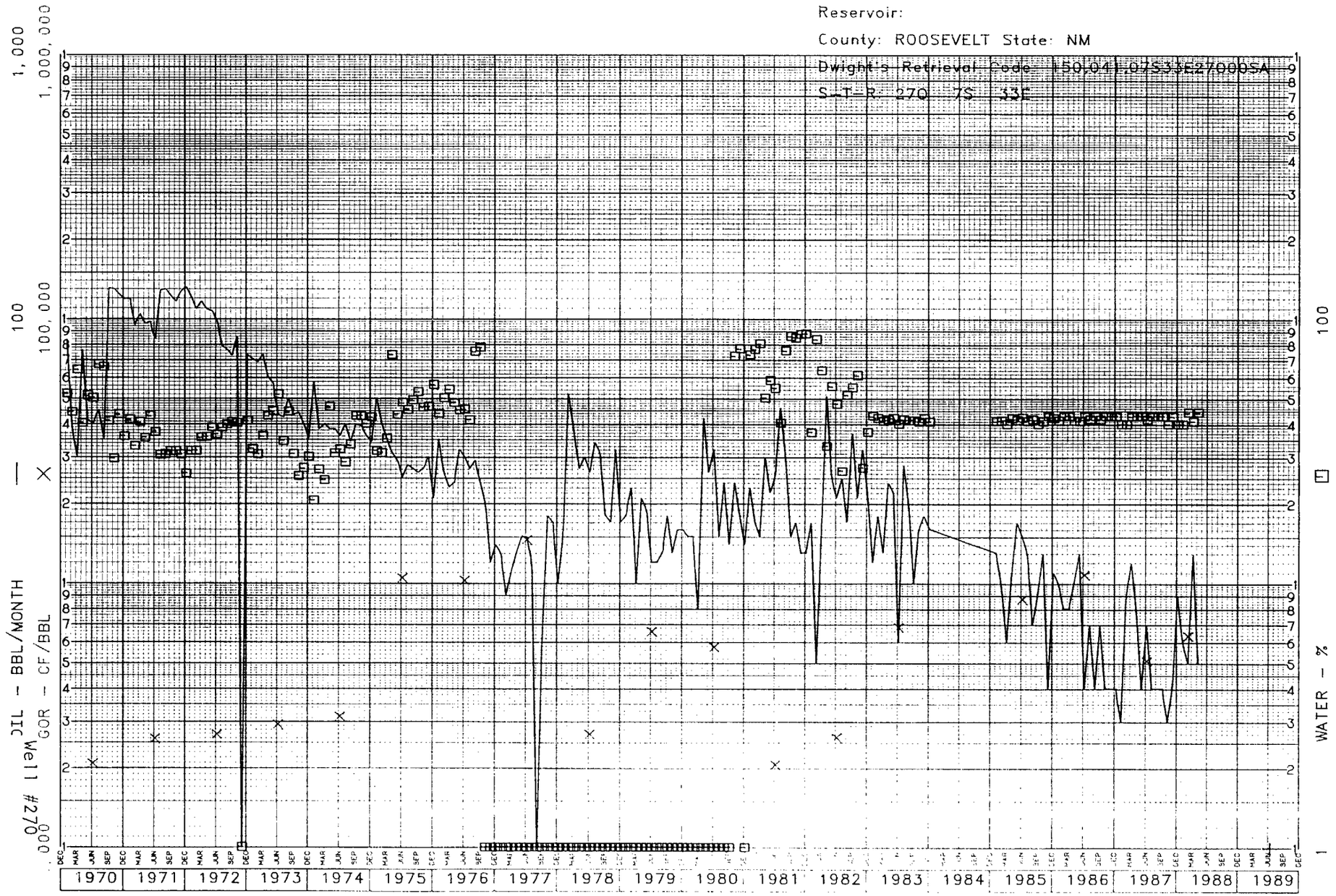


Operator: LYNX PETROLEUM CONSLTNTS
Lease: MORGAN A FEDERAL Well No: 000006
Field: CHAVEROO SAN ANDRES SA
Reservoir:
County: ROOSEVELT State: NM
Dwight's Retrieval Code: 30,041,07S,33E,27,100SA
S-T-R: 27 7S 33E

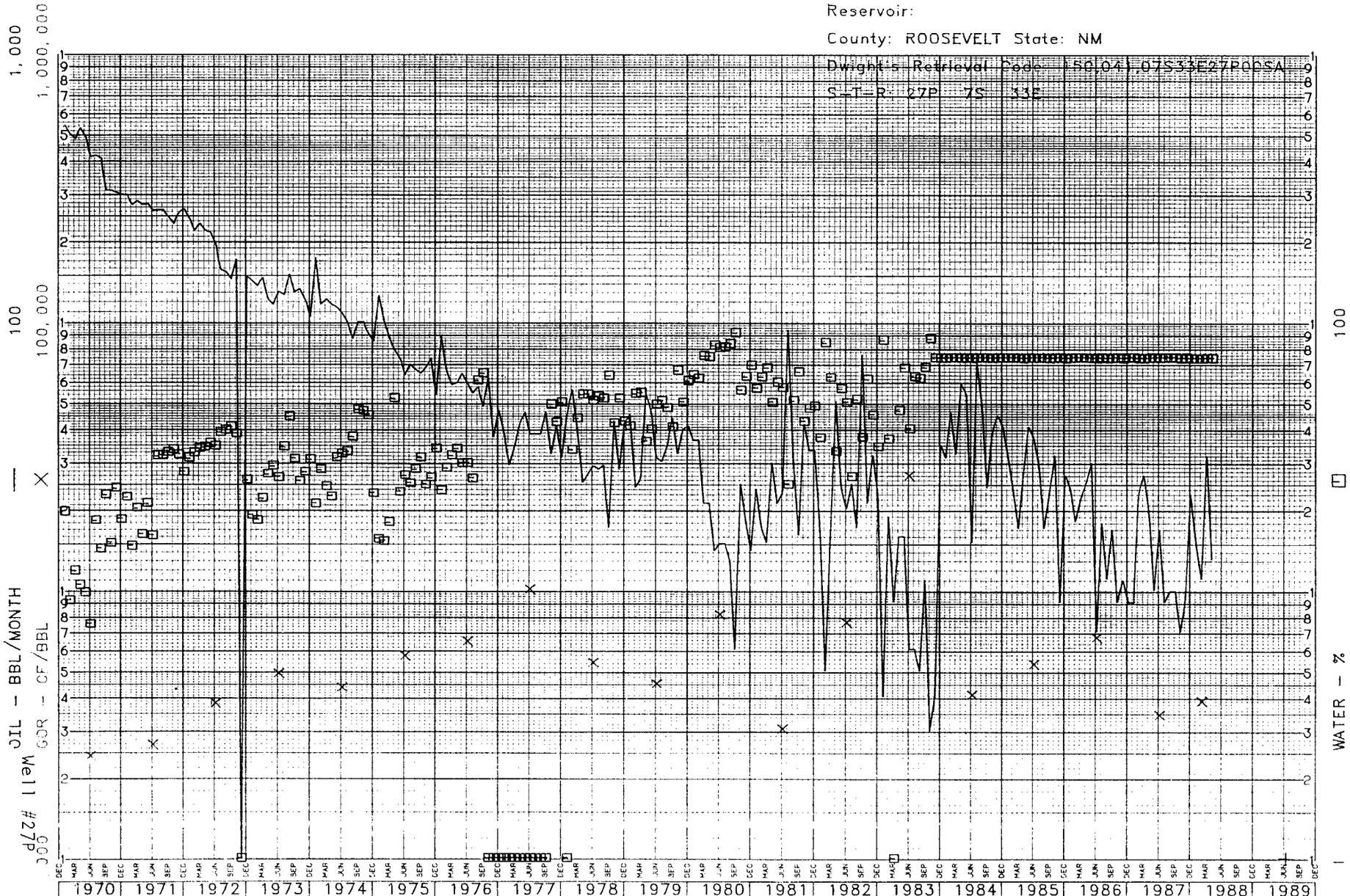
Operator: LYNX PETROLEUM CONSLTNTS
Lease: MORGAN A FEDERAL Well No: 000005
Field: CHAVEROO SAN ANDRES SA
Reservoir:
County: ROOSEVELT State: NM



Operator: LYNX PETROLEUM CONSLTNTS
Lease: MORGAN A FEDERAL Well No: 000002
Field: CHAVEROO SAN ANDRES SA
Reservoir:
County: ROOSEVELT State: NM
Dwight's Retrieval Code: 150,041,07S33E27000SA
S-T-R: 27Q 7S 33E

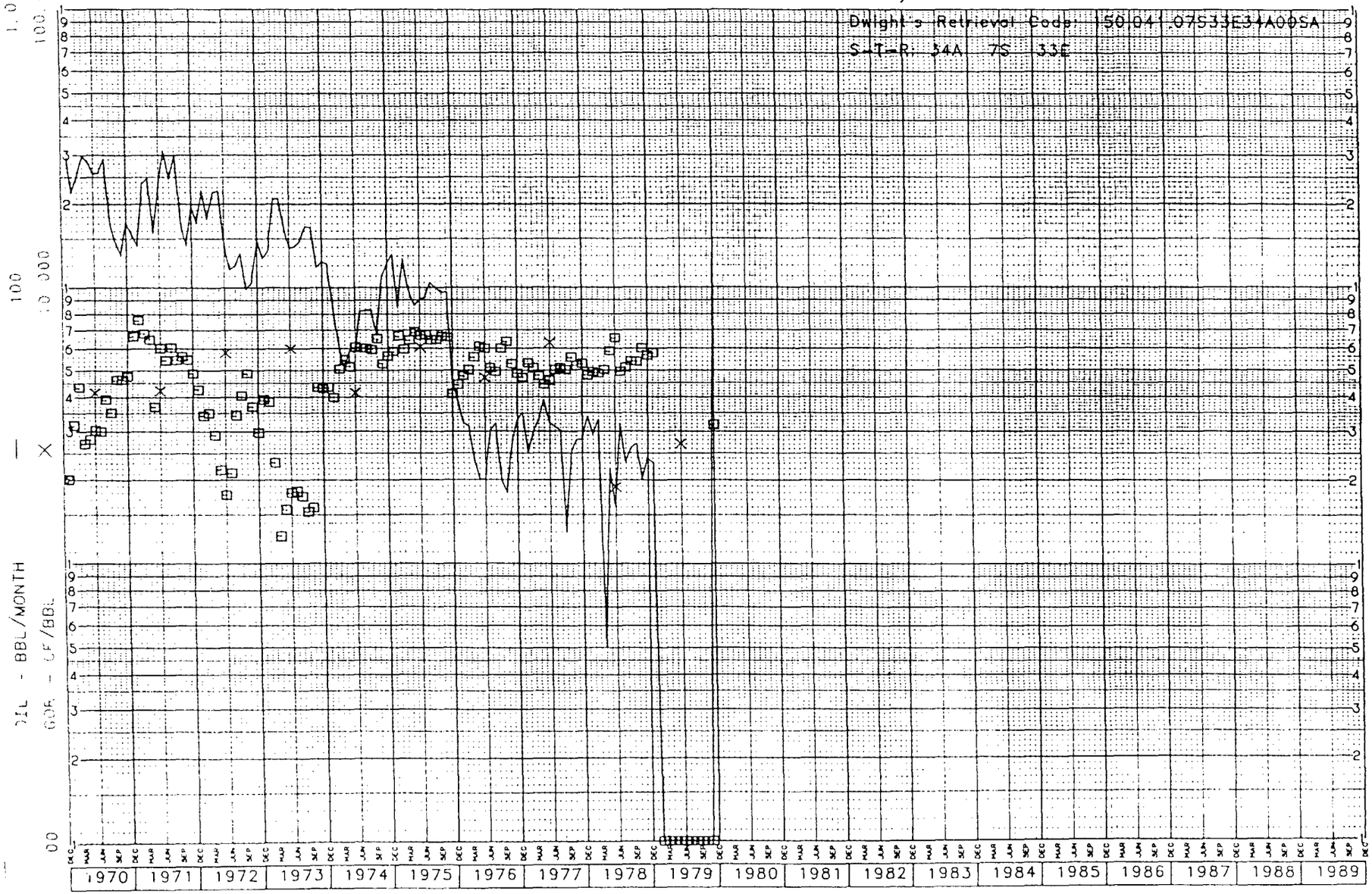


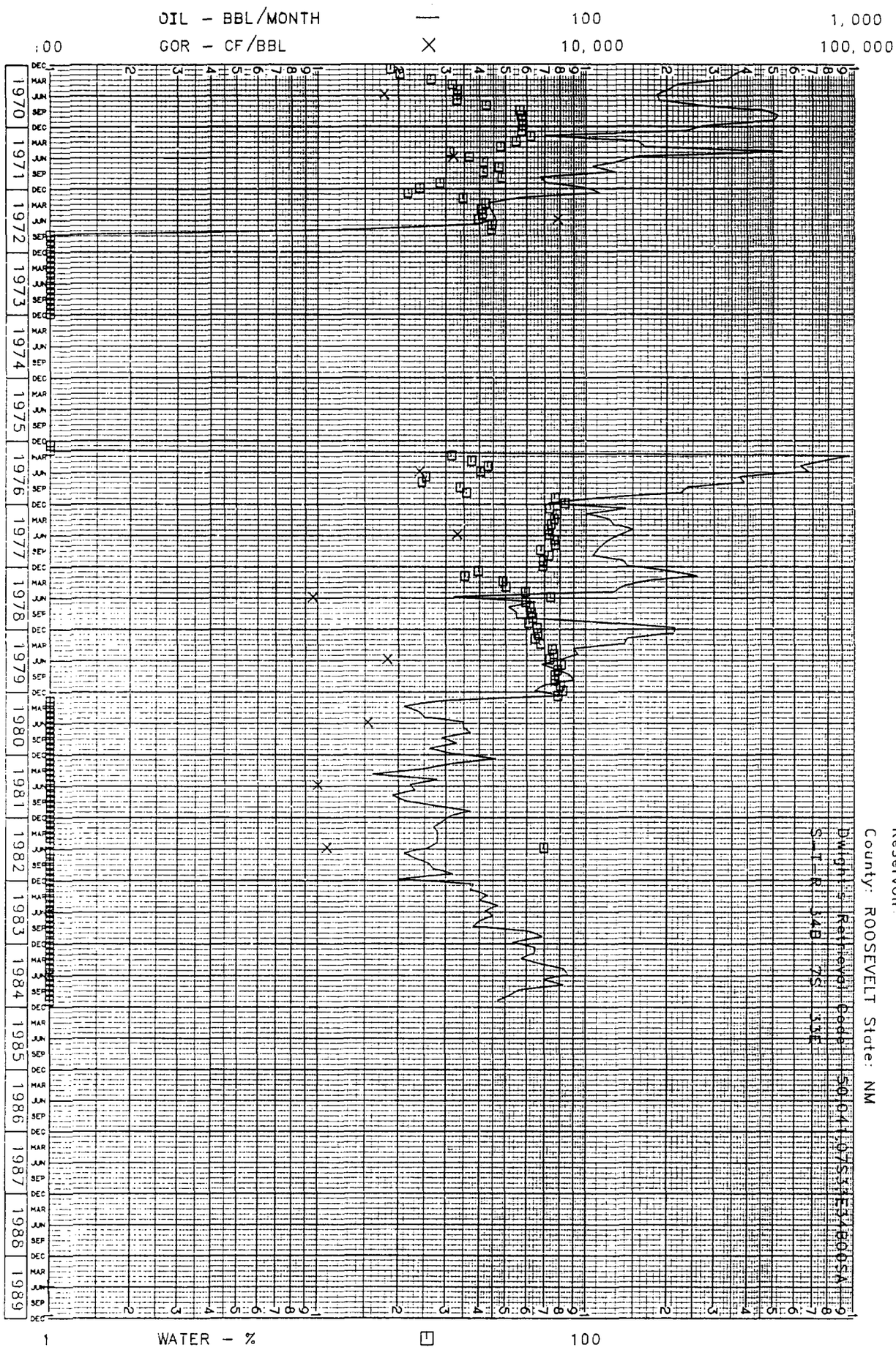
Operator: LYNX PETROLEUM CONSLTNTS
Lease: MORGAN A FEDERAL Well No: 000003
Field: CHAVEROO SAN ANDRES SA
Reservoir:
County: ROOSEVELT State: NM
Dwight's Retrieval Code: 150,041,07S33E27P0SA
S-T-R: 27P 7S 33E

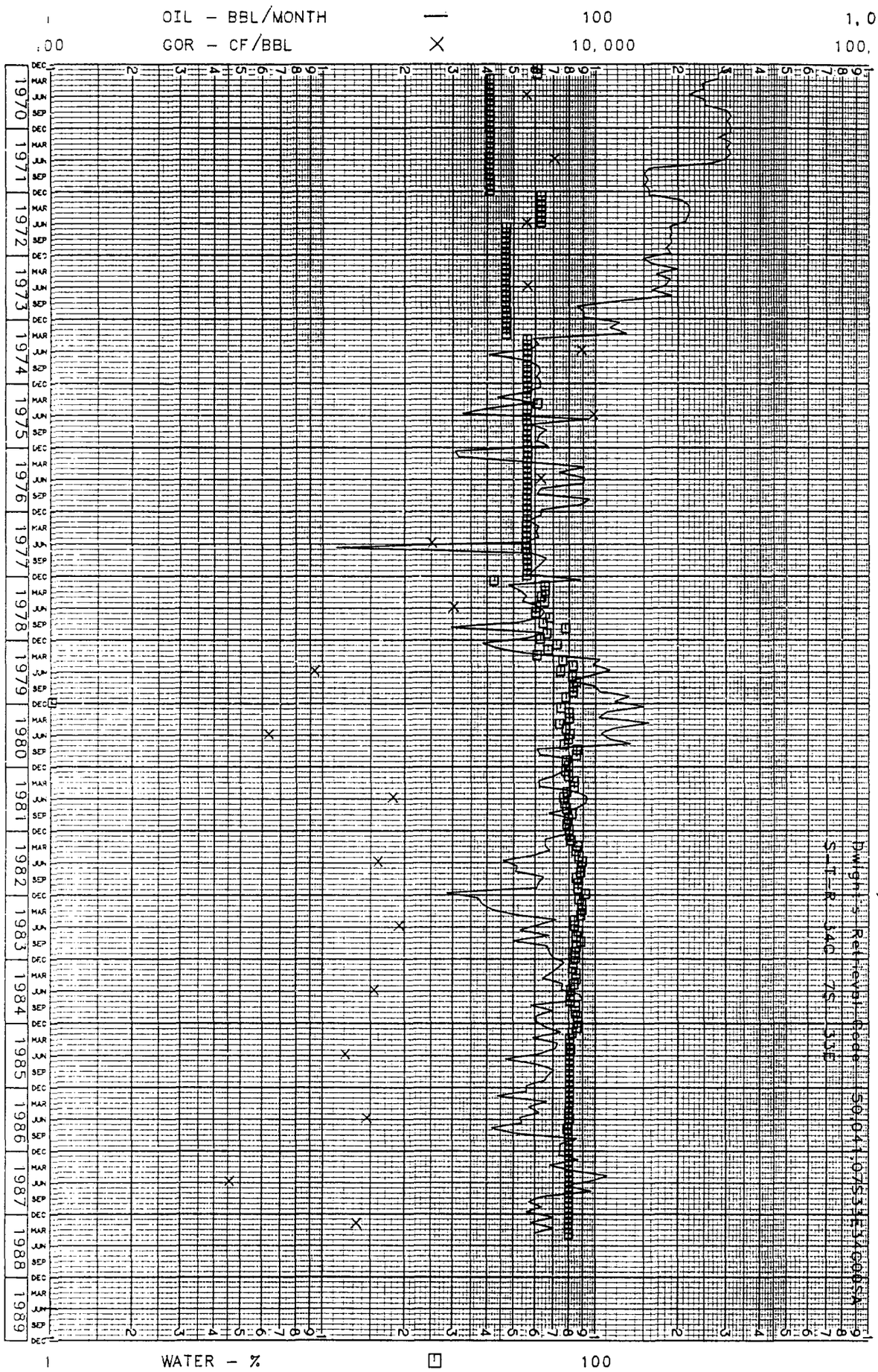


Well #27P

Operator: MERLIN EXPLORATION INC
Lease: NEW MEXICO AZ STATE Well No: 000013
Field: CHAVEROO SAN ANDRES SA
Reservoir:
County: ROOSEVELT State: NM
Dwight's Retrieval Code: 150.041.07533E34A00SA
S-T-R: 34A 7S 33E




OIL - BBL/MONTH
GOR - CF/BBL
WATER - %
100
1,000
10,000
100,000
1
100
1970
1971
1972
1973
1974
1975
1976
1977
1978
1979
1980
1981
1982
1983
1984
1985
1986
1987
1988
1989
Operator: MERLIN EXPLORATION INC
Lease: NEW MEXICO AZ STATE Well No: 00012
Field: CHAVEROO SAN ANDRES
Reservoir:
County: ROOSEVELT State: NM
Dwight's Retrieval Code: 30,041,07S,33E,36005A
S-T-R 36B 7S 33E
SA


OIL – BBL/MONTH
GOR – CF/BBL
WATER – %
1
100
1,000
10,000
100,000
1970
1971
1972
1973
1974
1975
1976
1977
1978
1979
1980
1981
1982
1983
1984
1985
1986
1987
1988
1989
Operator: TEXACO PRODUCING INC
Lease: HOBBS T Well No: 000010
Field: CHAVEROO SAN ANDRES
Reservoir:
County: ROOSEVELT State: NM
Dwight's Retrieval Code: 30,041,07531,E,X,000,SA
S-T-R: 34C 7S 33E
SA

Operator: MERLIN EXPLORATION INC

Lease: NEW MEXICO AZ STATE Well No: 000014

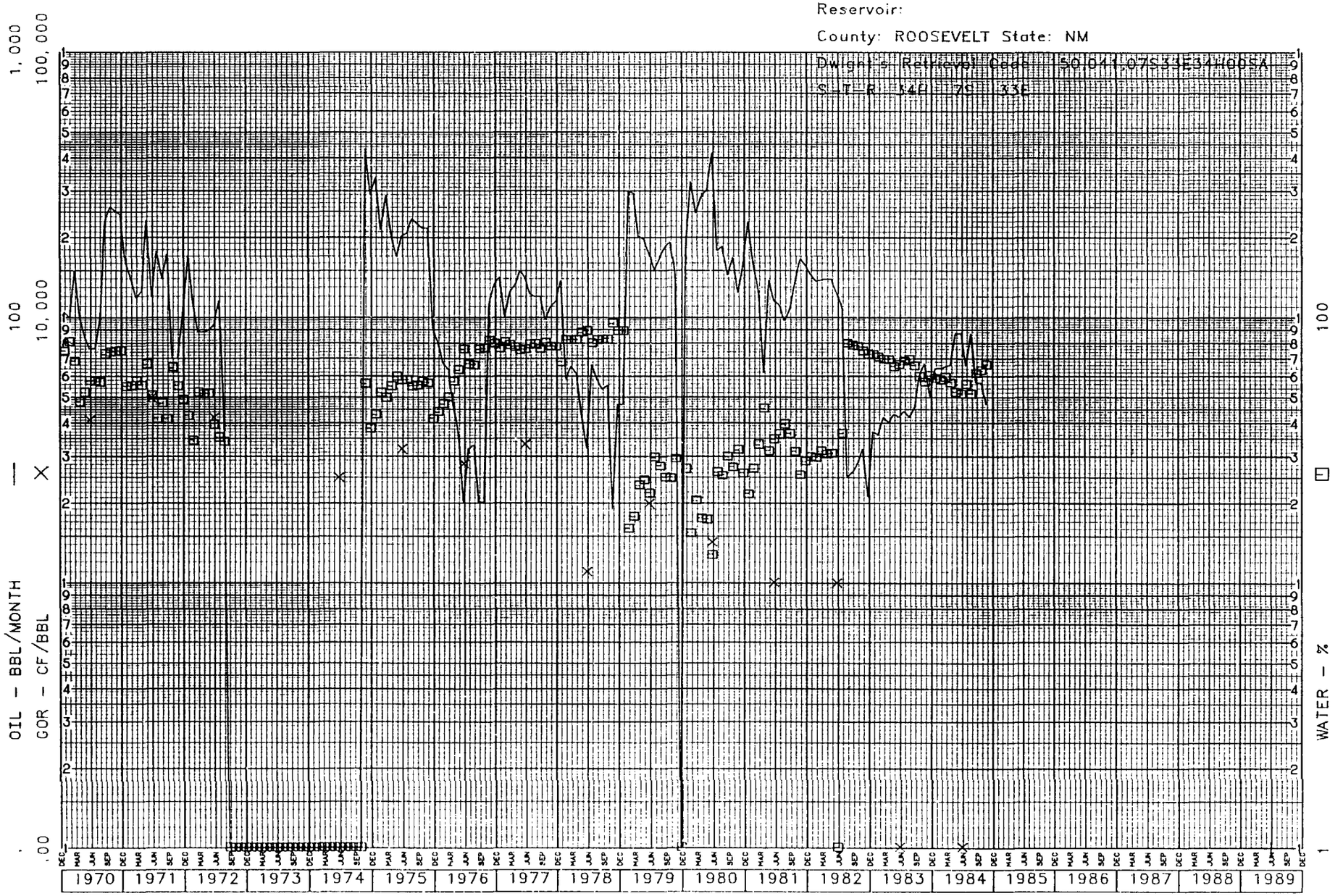
Field: CHAVEROO SAN ANDRES SA

Reservoir:

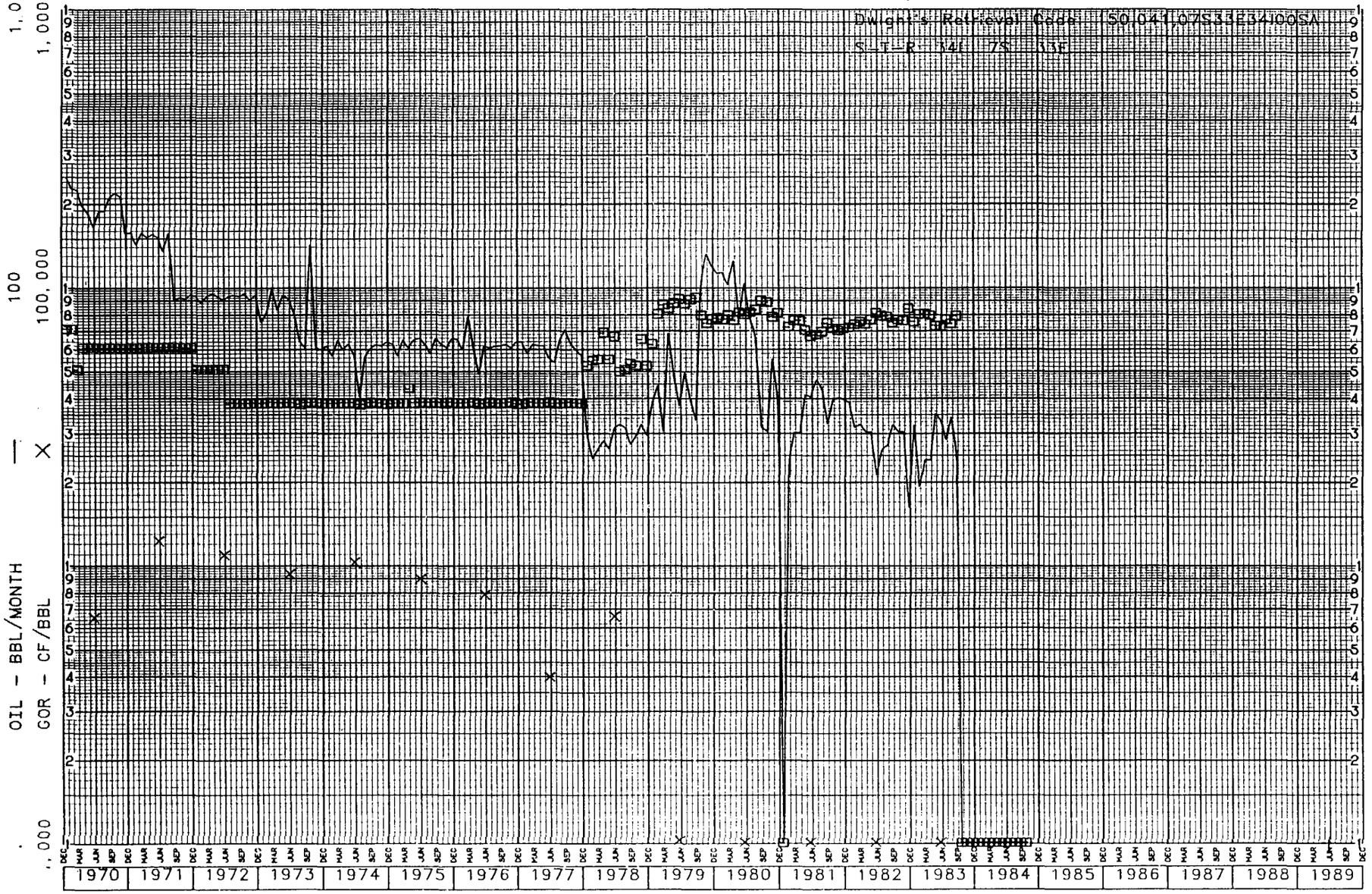
County: ROOSEVELT State: NM

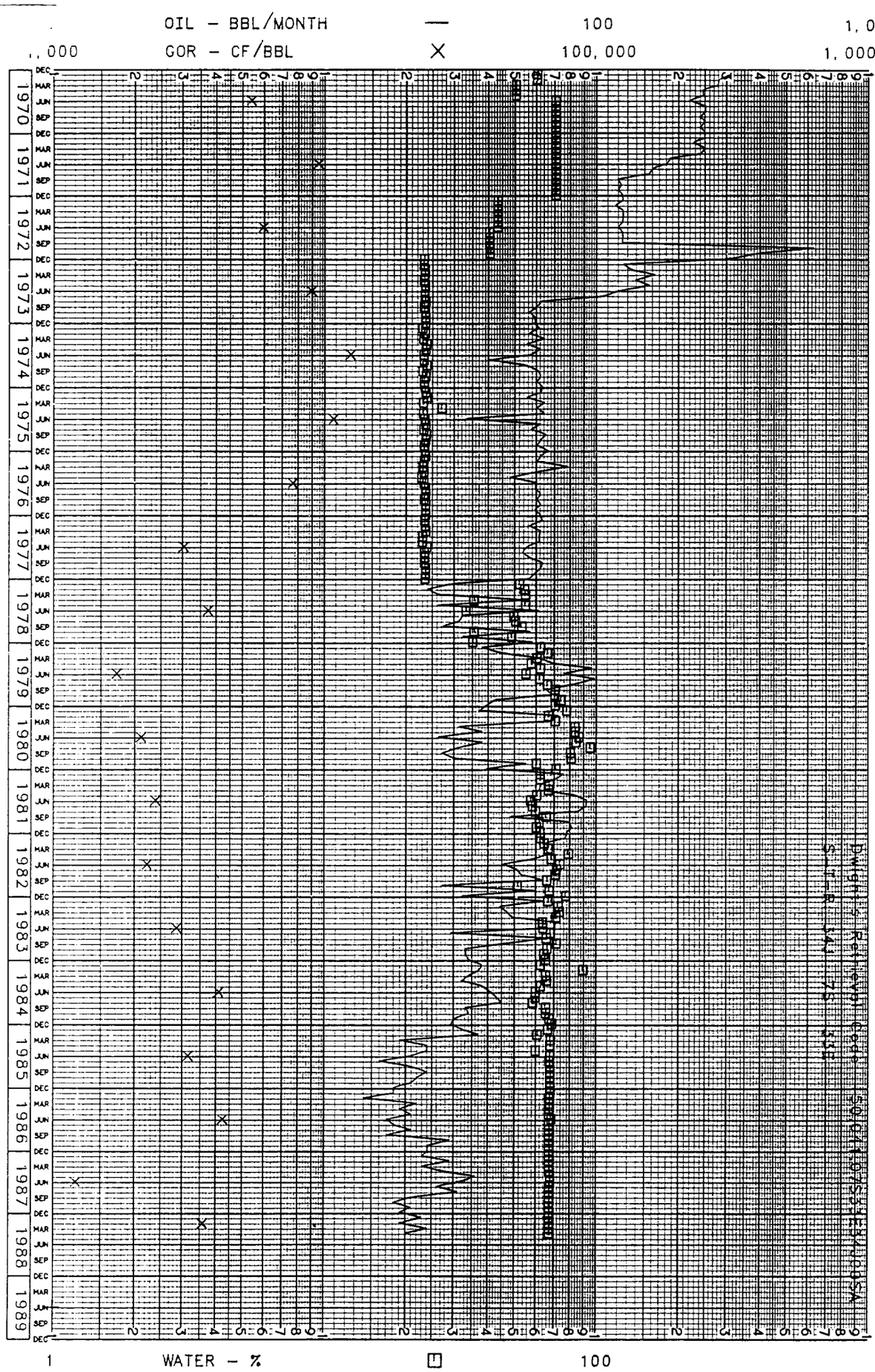
Dwight's Retrieval Code: 50,041,07533,E34,00SA

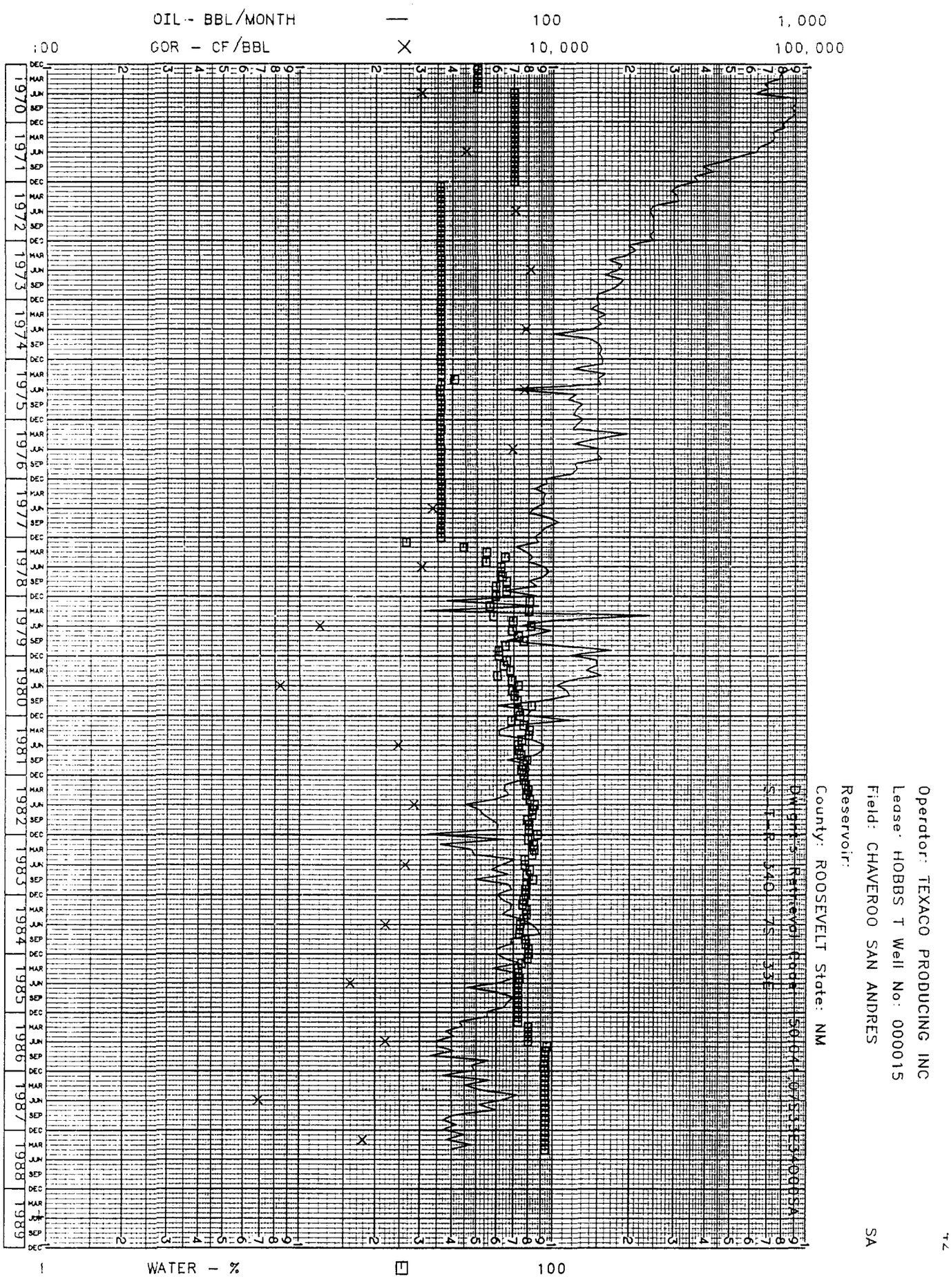
S-T-R 34 7S 33E



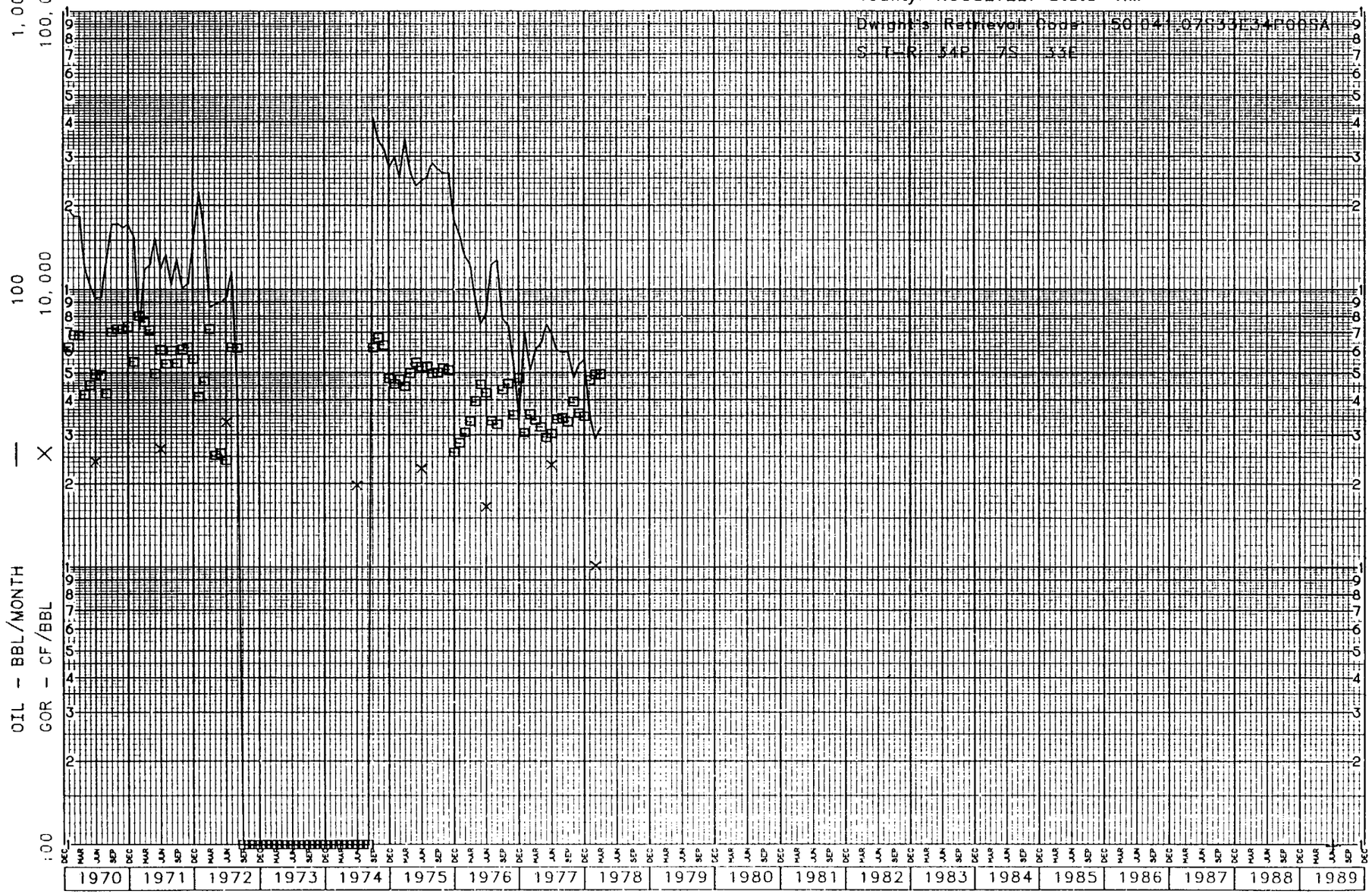
Operator: TEXACO PRODUCING INC
Lease: HOBBS T Well No: 000012
Field: CHAVEROO SAN ANDRES SA
Reservoir:
County: ROOSEVELT State: NM

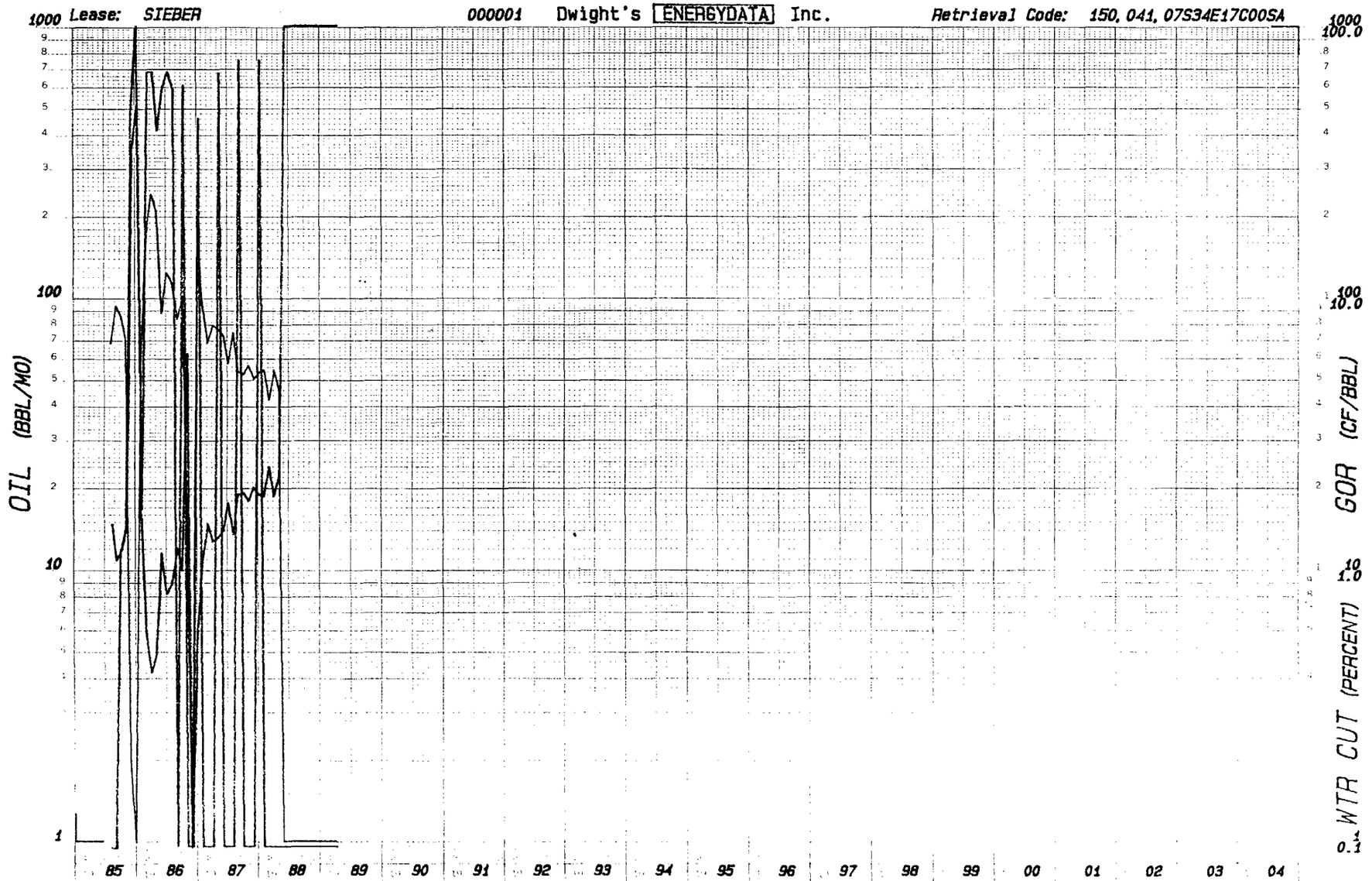



OIL - BBL/MONTH
GOR - CF/BBL
WATER - %
1,000
100,000
100
1,000,000
1
100
1970
1971
1972
1973
1974
1975
1976
1977
1978
1979
1980
1981
1982
1983
1984
1985
1986
1987
1988
1989
Dwight's Retrieval Code: 50-041-09535-EB-00SA
S-T-R: 34J-7S-33E
Operator: TEXACO PRODUCING INC
Lease: HOBBS T Well No: 000008
Field: CHAVEROO SAN ANDRES
Reservoir:
County: ROOSEVELT State: NM
SA


OIL - BBL/MONTH
100
1,000
GOR - CF/BBL
10,000
100,000
WATER - %
100
1970
1971
1972
1973
1974
1975
1976
1977
1978
1979
1980
1981
1982
1983
1984
1985
1986
1987
1988
1989
Operator: TEXACO PRODUCING INC
Lease: HOBBS T Well No: 000015
Field: CHAVEROO SAN ANDRES
Reservoir: SA
County: ROOSEVELT State: NM

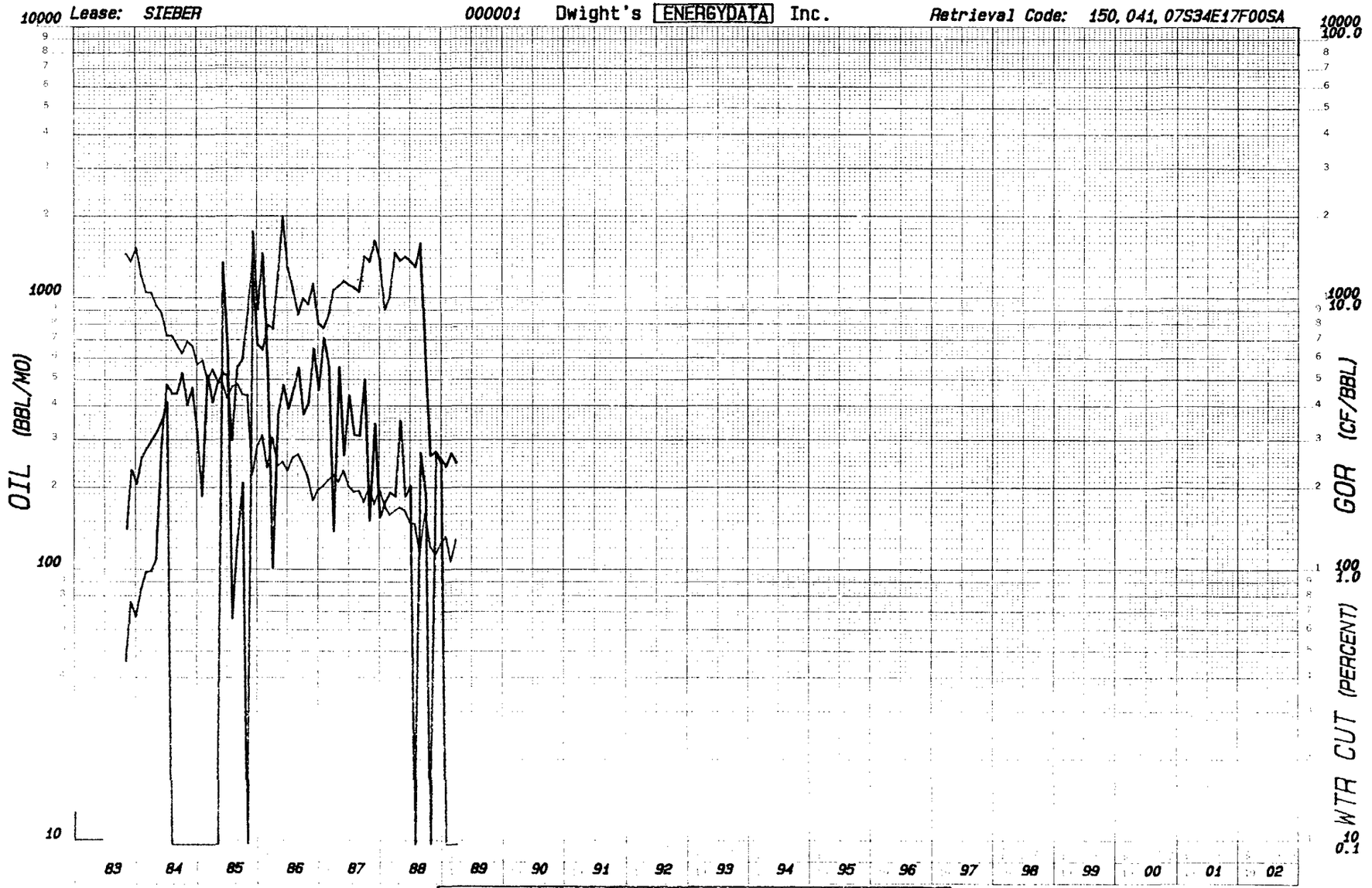
Operator: MERLIN EXPLORATION INC
Lease: NEW MEXICO AZ STATE Well No: 000015
Field: CHAVEROO SAN ANDRES SA
Reservoir:
County: ROOSEVELT State: NM
Dwight's Retrieval Code: 30 041 07S33E34 P60SA
S-T-R: 34P 7S 33E

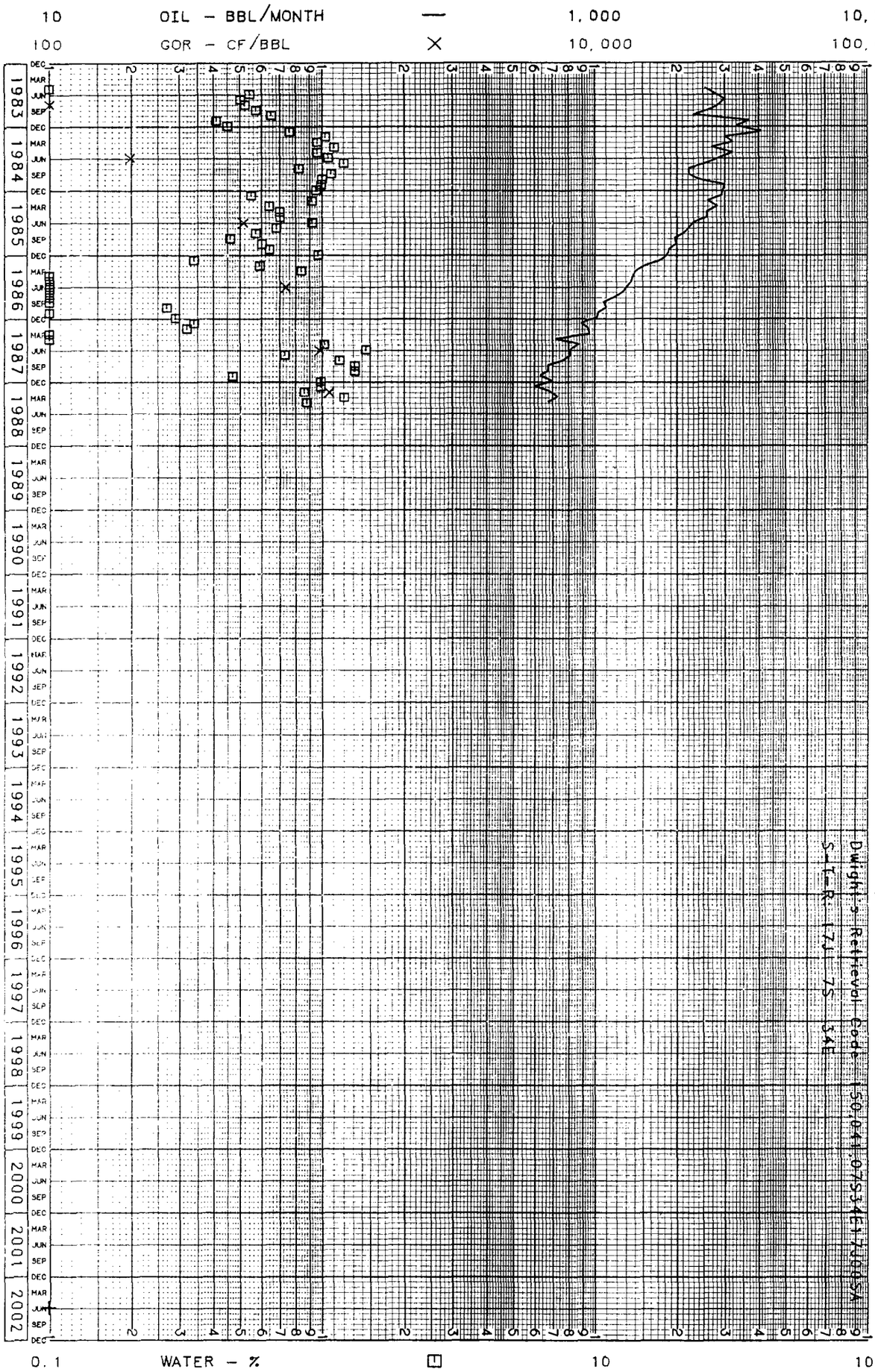




County: ROOSEVELT State: NM
Field: CHAVEROO SAN ANDRES SA
Reservoir:
Operator: KERN CO
Oil Cum: 2687 Gas Cum: 43
Location: 17C 7S 34E

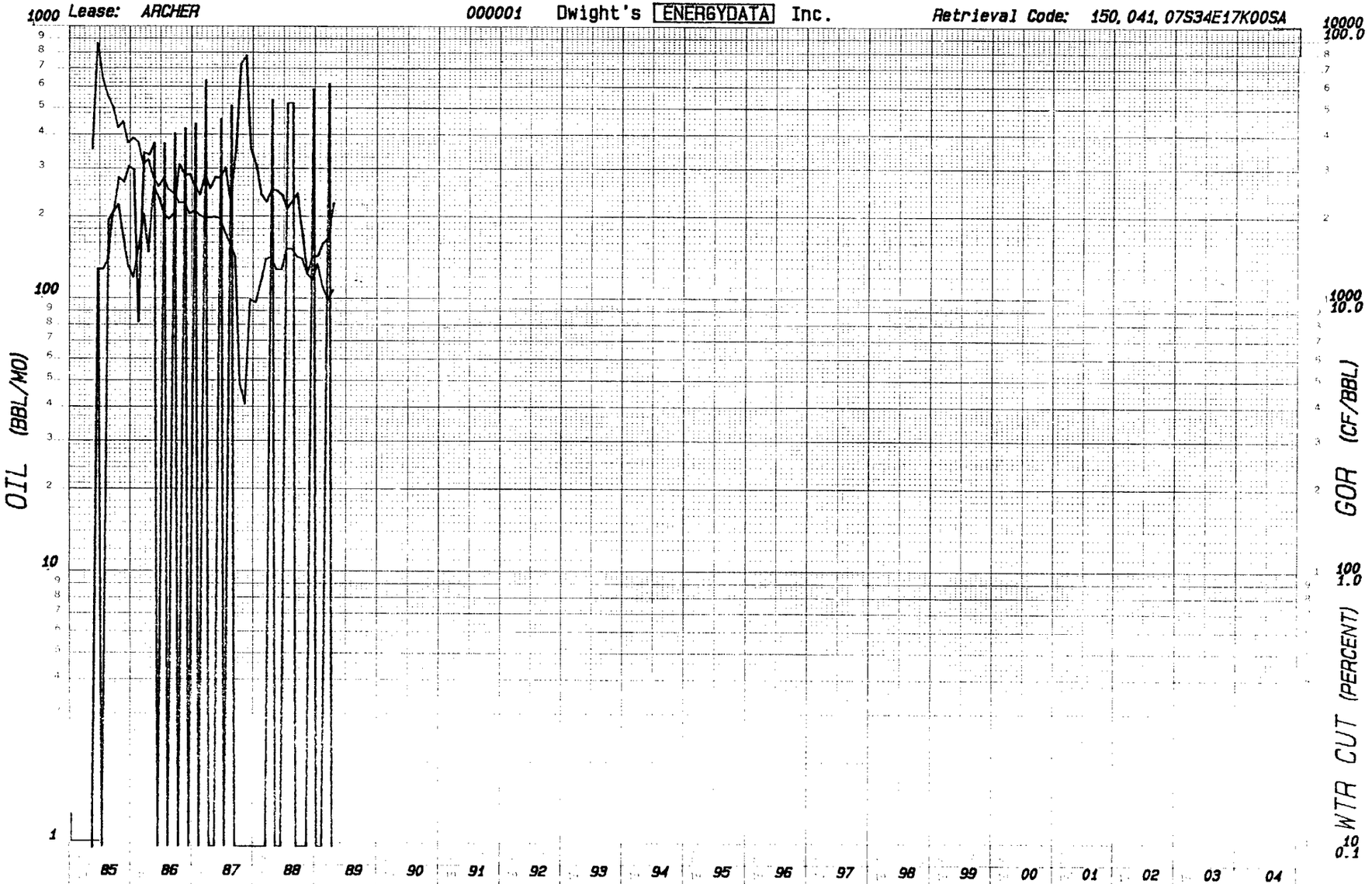
Date: 08-11-89


10000 Lease: SIEBER
000001 Dwight's ENERGYDATA Inc.
Retrieval Code: 150, 041, 07S34E17F00SA
OIL (BBL/MO)
GOR (CF/BBL)
WTR CUT (PERCENT)
10000
1000
100
10
100.0
10.0
1.0
0.1
83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 00 01 02
County: ROOSEVELT State: NM
Field: CHAVEROO SAN ANDRES SA
Reservoir:
Operator: NATIONAL RESOURCES MGMT
Oil Cum: 26612 Gas Cum: 13182
Location: 17F 7S 34E
Date: 08-11-89


10
OIL – BBL/MONTH
1,000
10,000
100
GOR – CF/BBL
10,000
100,000
0.1
WATER – %
10
100
1983
1984
1985
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995
1996
1997
1998
1999
2000
2001
2002
Operator: NATIONAL RESOURCES MGMNT
Lease: METZGER Well No: 00001
Field: CHAVEROO SAN ANDRES
Reservoir:
County: ROOSEVELT State: NM
Dwight's Retrieval Code: 30-041-07534-00-00
S-T-R: 17-7S-34E

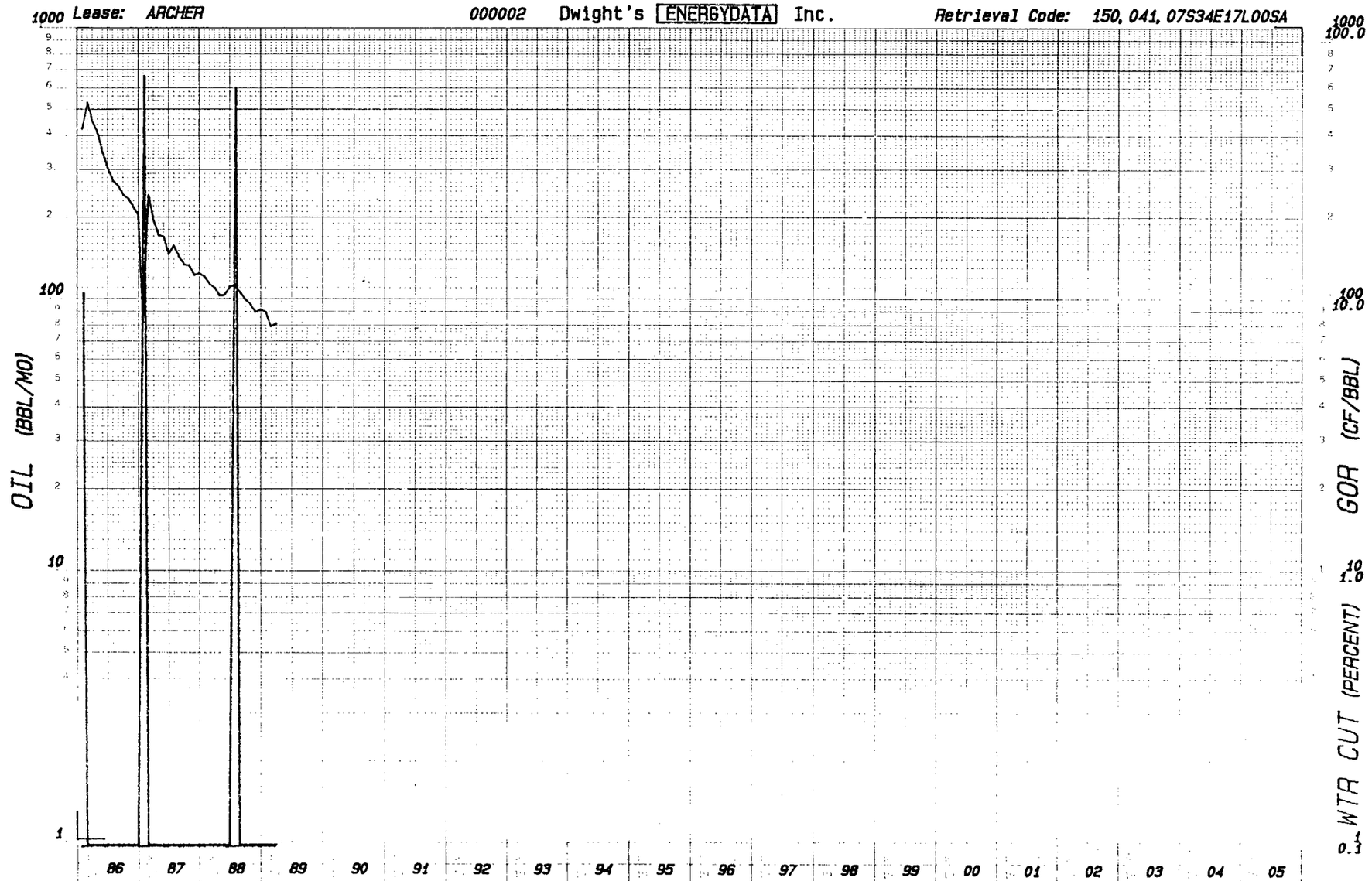
62

SA

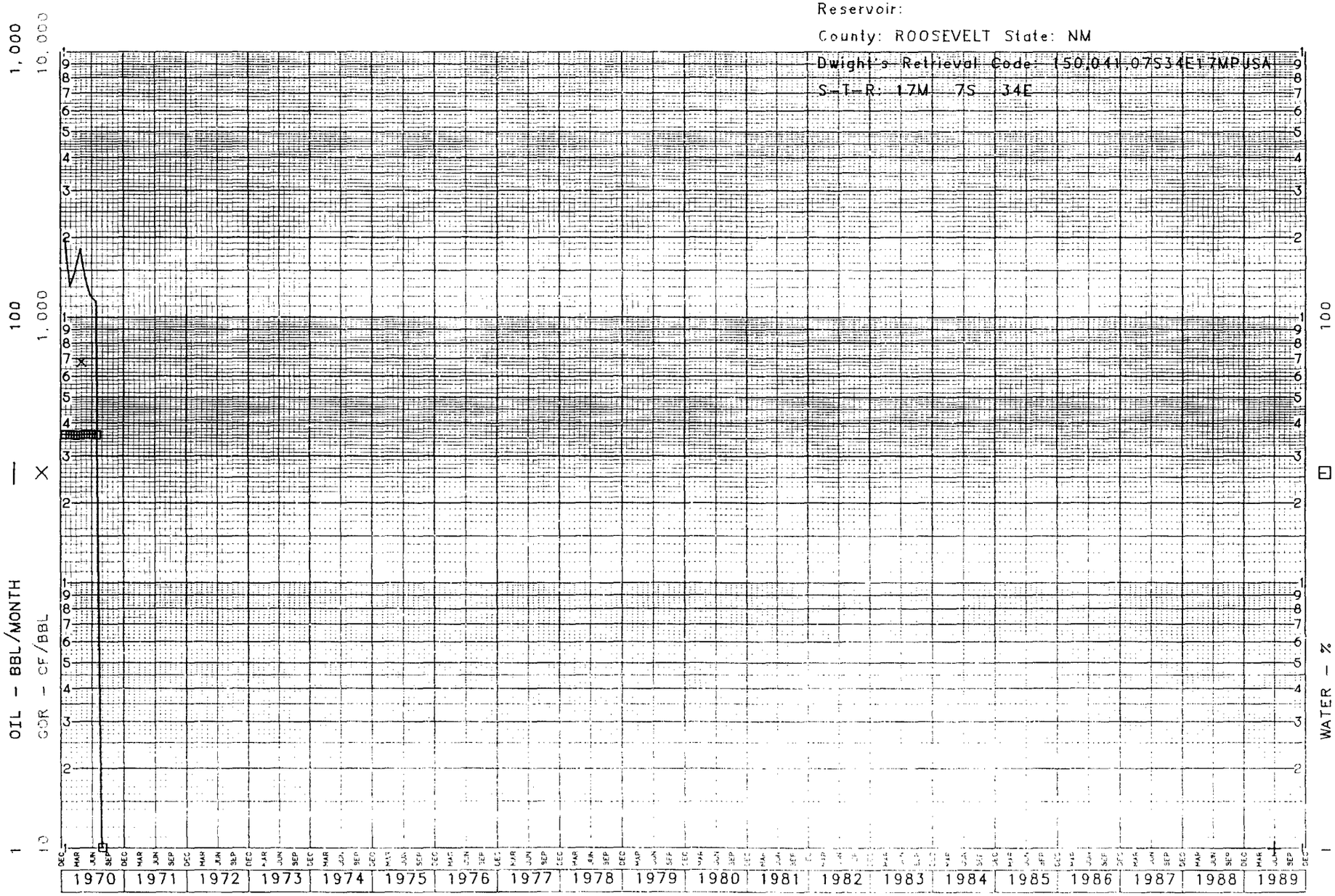


County: ROOSEVELT State: NM
Field: CHAVEROO SAN ANDRES SA
Reservoir:
Operator: KERN CO
Oil Cum: 11101 Gas Cum: 21477
Location: 17K 7S 34E

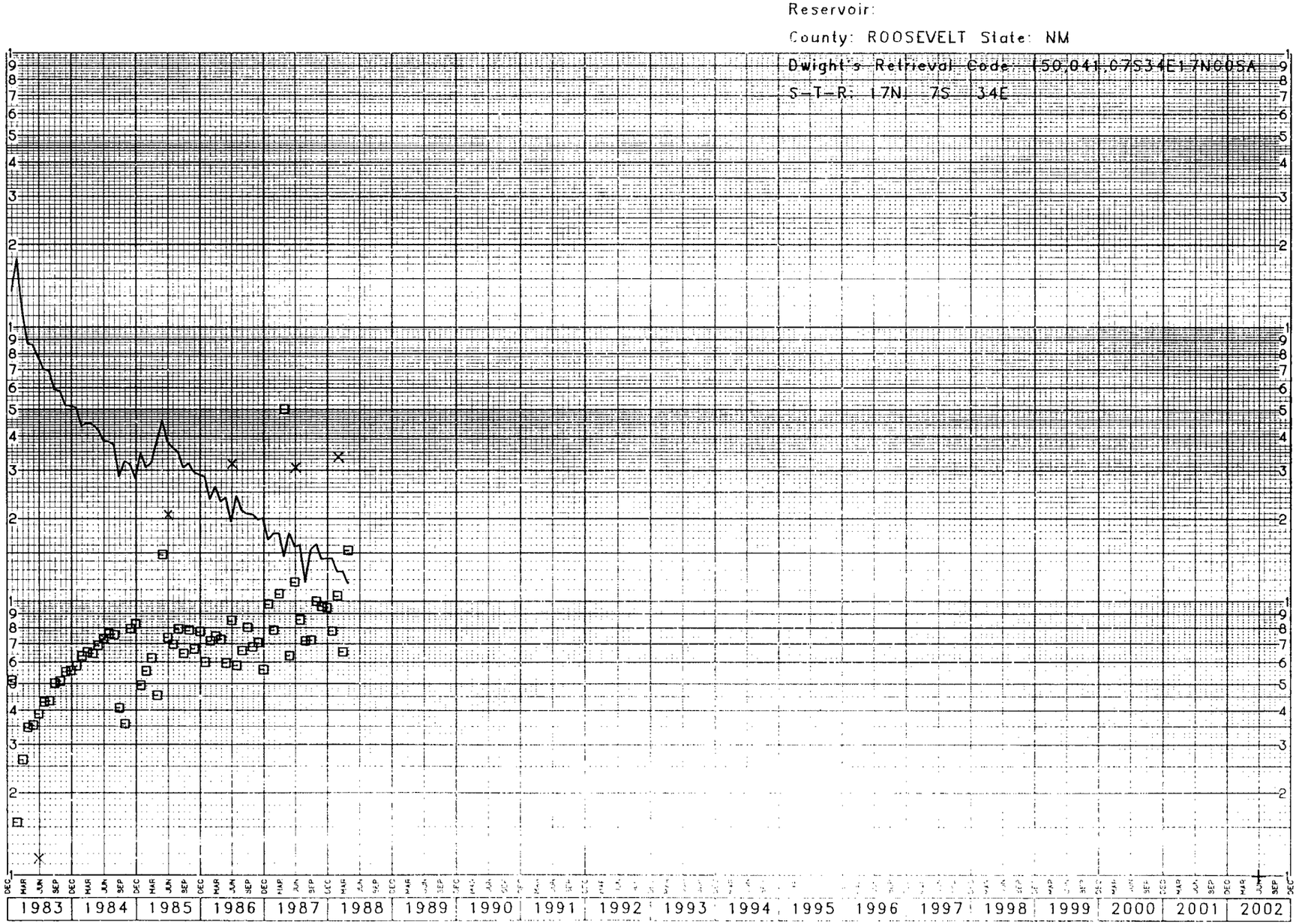
Date: 08-11-89


Lease: ARCHER
000002 Dwight's ENERGYDATA Inc.
Retrieval Code: 150, 041, 07S34E17L00SA
OIL (BBL/MO)
GOR (CF/BBL)
WTR CUT (PERCENT)
1000
100
10
1
100.0
10.0
1.0
0.1
86 87 88 89 90 91 92 93 94 95 96 97 98 99 00 01 02 03 04 05
County: ROOSEVELT State: NM
Field: CHAVEROO SAN ANDRES SA
Reservoir:
Operator: KERN CO
Oil Cum: 6994 Gas Cum: 0
Location: 17L 7S 34E
Date: 08-11-89

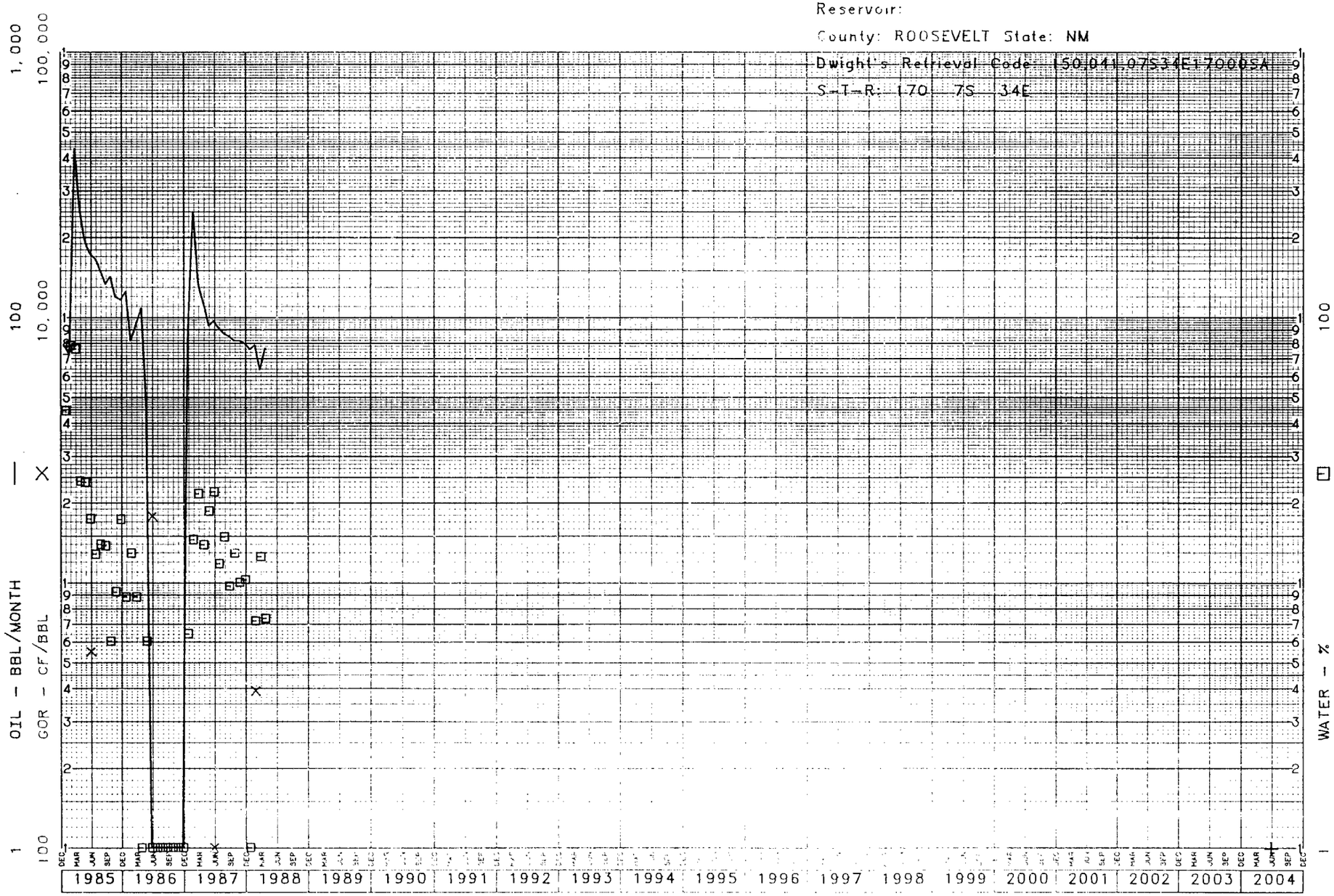
Operator: OXY U S A INC
Lease: DAVIS A Well No: 000001
Field: CHAVEROO SAN ANDRES SA
Reservoir:
County: ROOSEVELT State: NM
Dwight's Retrieval Code: 150,041,07S34E17MP USA
S-T-R: 17M 7S 34E

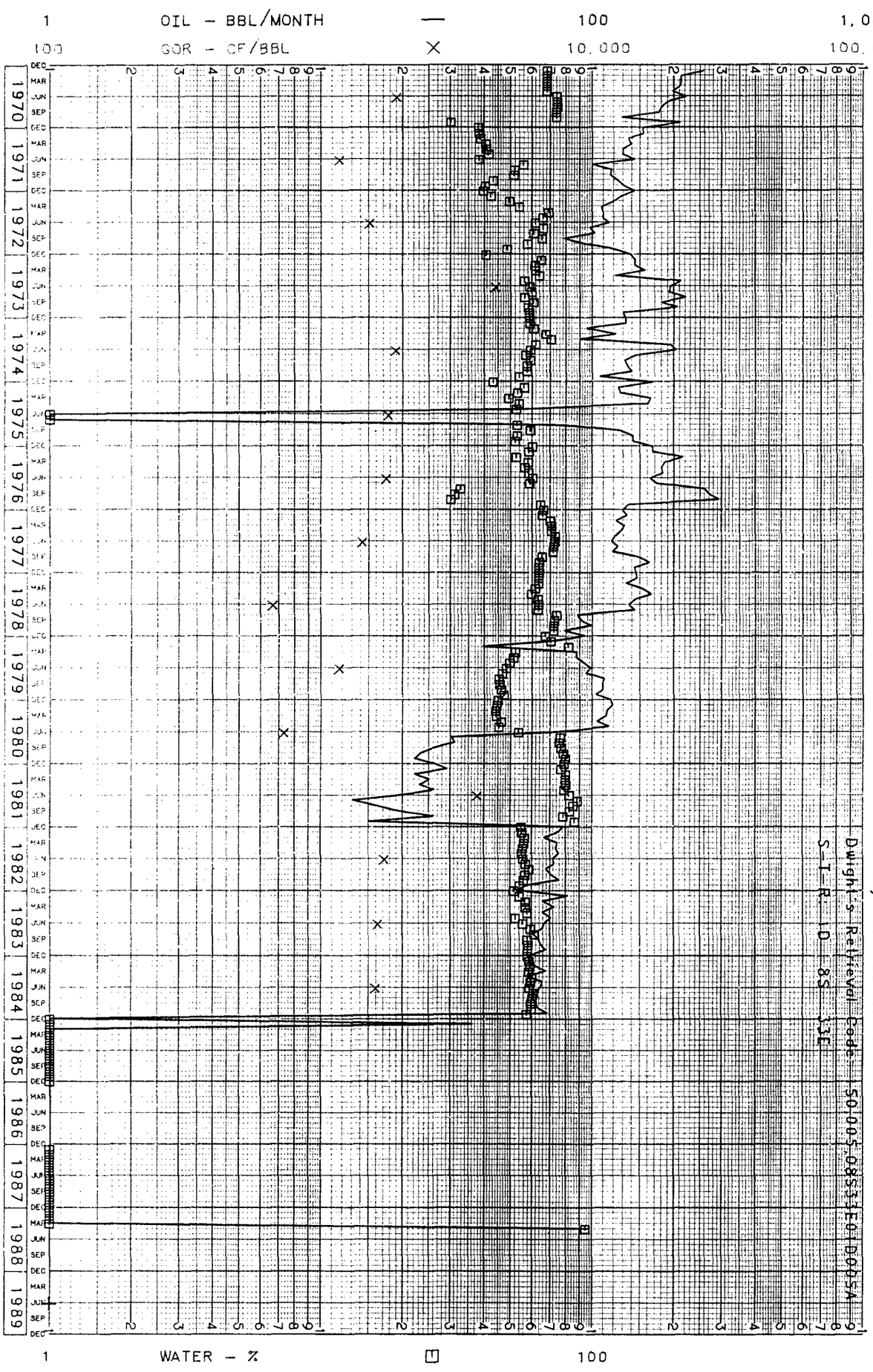


Operator: NATIONAL RESOURCES MGMNT
Lease: ARCHER 17 Well No: 000001
Field: CHAVEROO SAN ANDRES SA
Reservoir:
County: ROOSEVELT State: NM
Dwight's Retrieval Code: 50,041,07S34E17N00SA
S-T-R: 17N 7S 34E



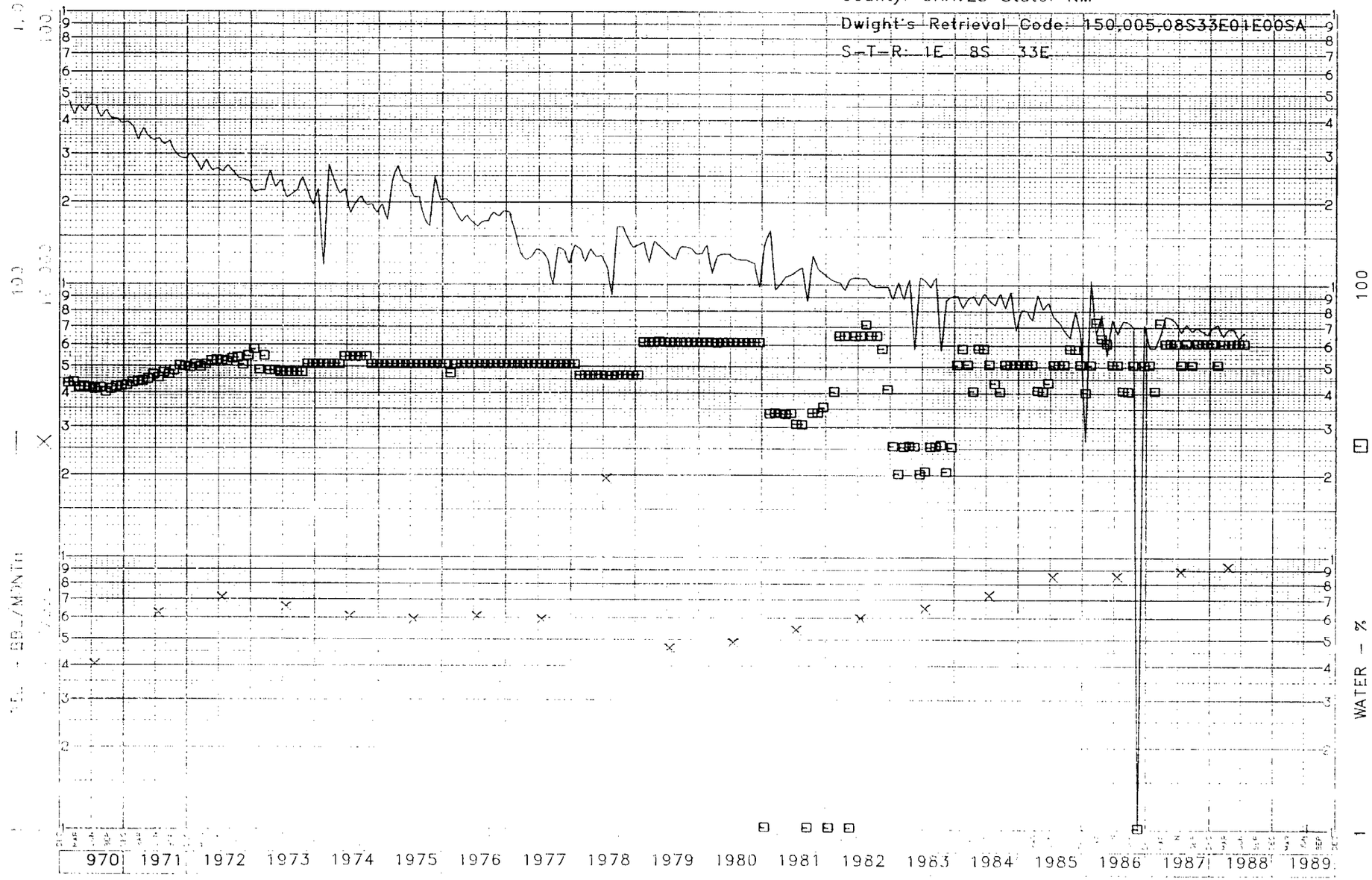
Operator: NATIONAL RESOURCES MGMNT
Lease: METZGER Well No: 000008
Field: CHAVEROO SAN ANDRES SA
Reservoir:
County: ROOSEVELT State: NM
Dwight's Retrieval Code: 150,041,07S34E17000SA
S-T-R: 17O 7S 34E



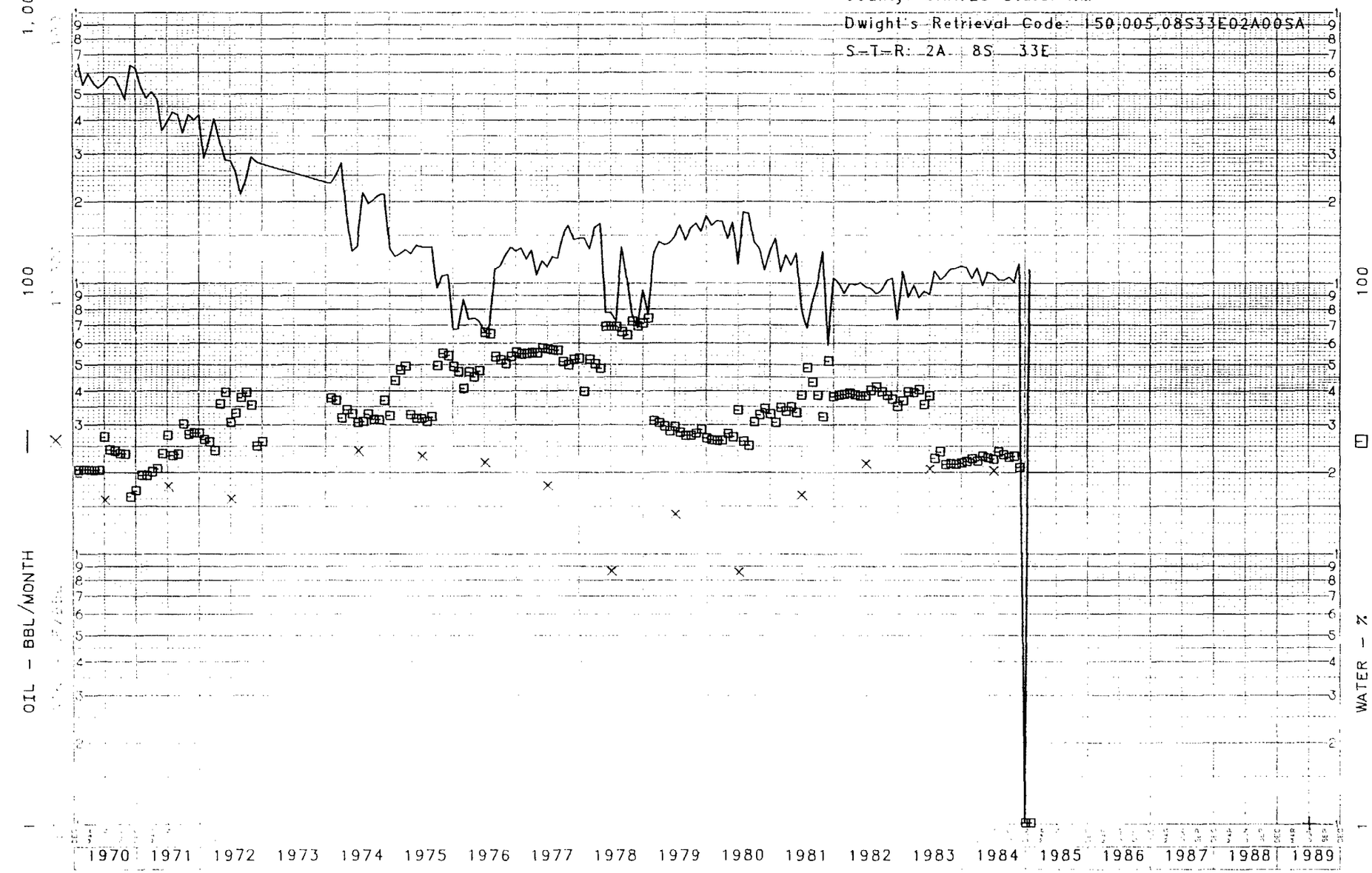


Operator: MERLIN EXPLORATION INC
Lease: STATE TRACT C Well No: 000004
Field: CHAVEROO SAN ANDRES SA
Reservoir:
County: CHAVES State: NM
Dwight's Retrieval Code: 50,005,08533,E0,D00,SA
S-T-R: 10 8S 33E

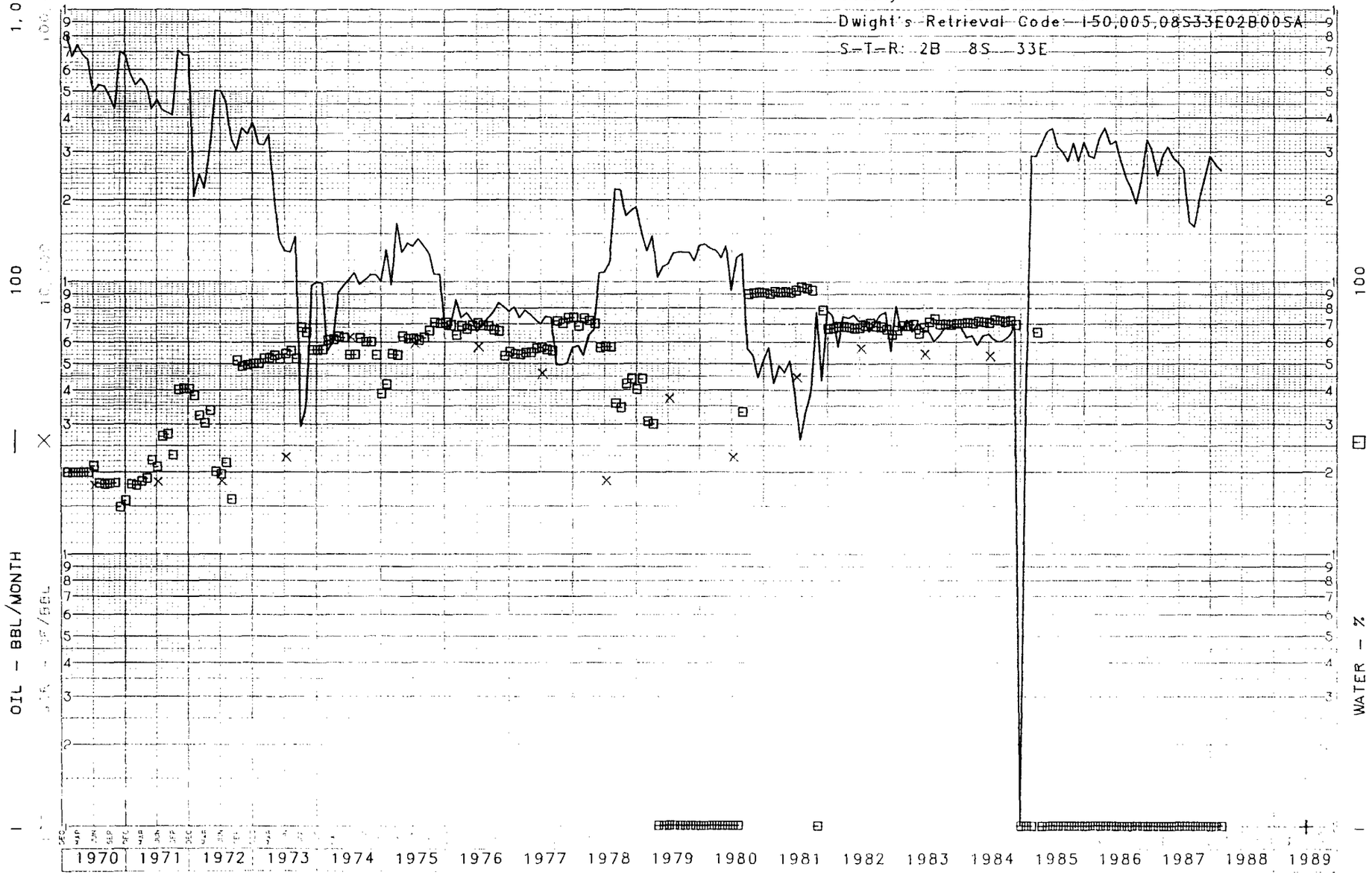
Operator: KERR MCGEE CORP
Lease: STATE FU Well No: 000009
Field: CHAVEROO SAN ANDRES SA
Reservoir:
County: CHAVES State: NM
Dwight's Retrieval Code: 150,005,08S33E01E00SA
S-T-R: 1E 8S 33E



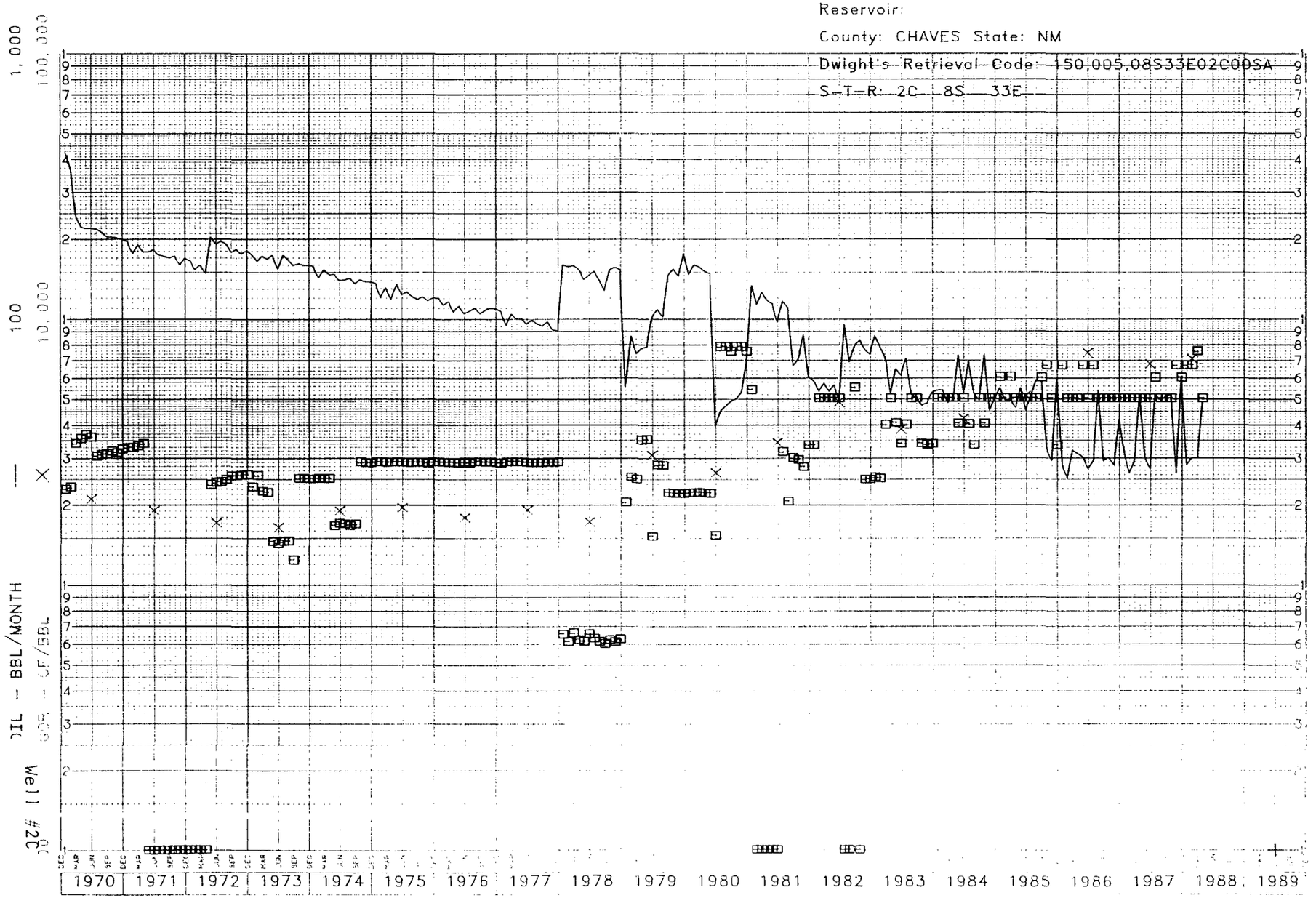
Operator: MERLIN EXPLORATION INC
Lease: STATE TRACT C Well No: 000002
Field: CHAVEROO SAN ANDRES SA
Reservoir:
County: CHAVES State: NM
Dwight's Retrieval Code: 150,005,08S33E02A00SA
S-T-R: 2A 8S 33E



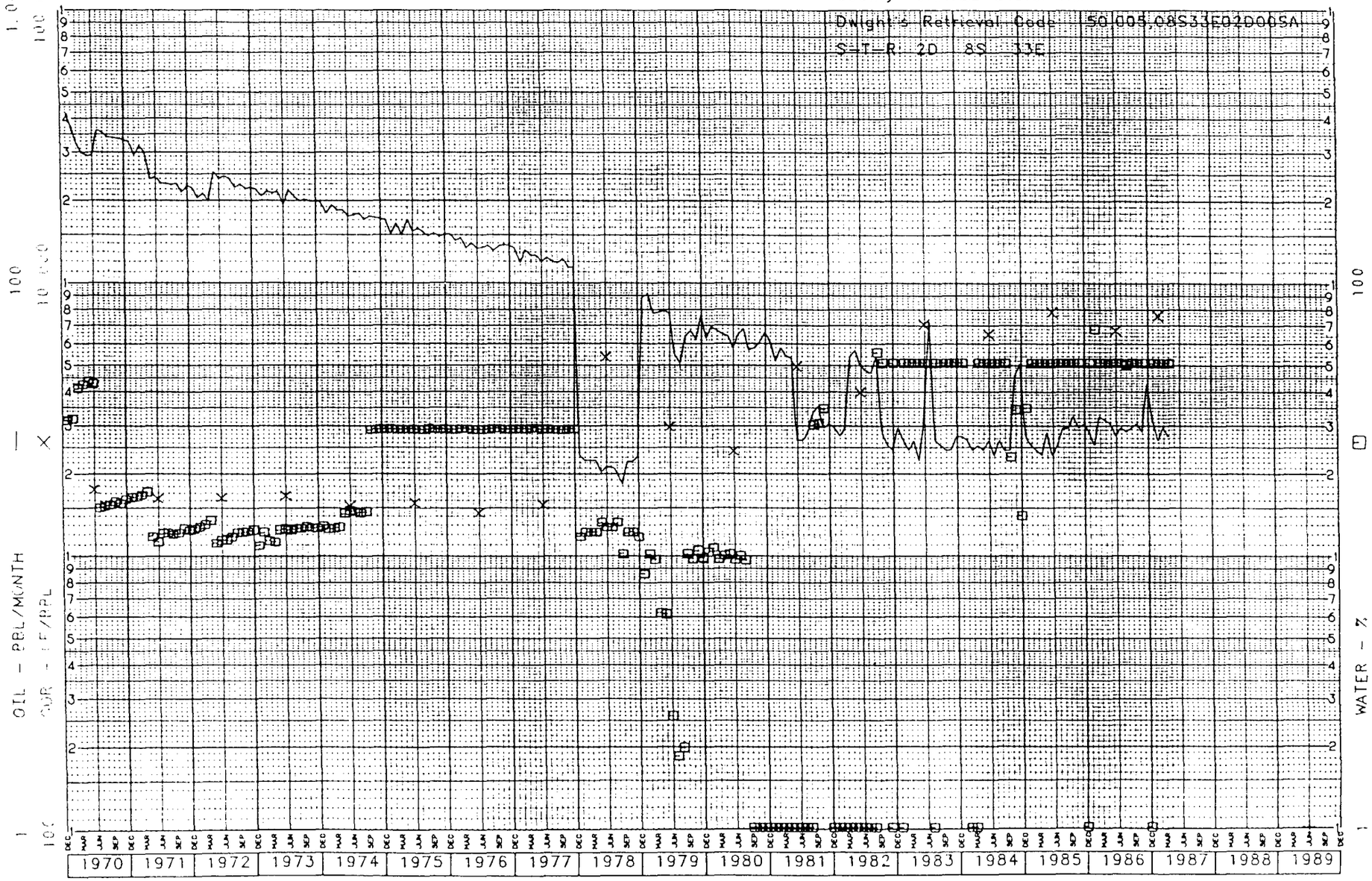
Operator: MERLIN EXPLORATION INC
Lease: STATE TRACT C Well No: 000001
Field: CHAVEROO SAN ANDRES SA
Reservoir:
County: CHAVES State: NM
Dwight's Retrieval Code: I-50,005,08S33E02B00SA
S-T-R: 2B 8S 33E



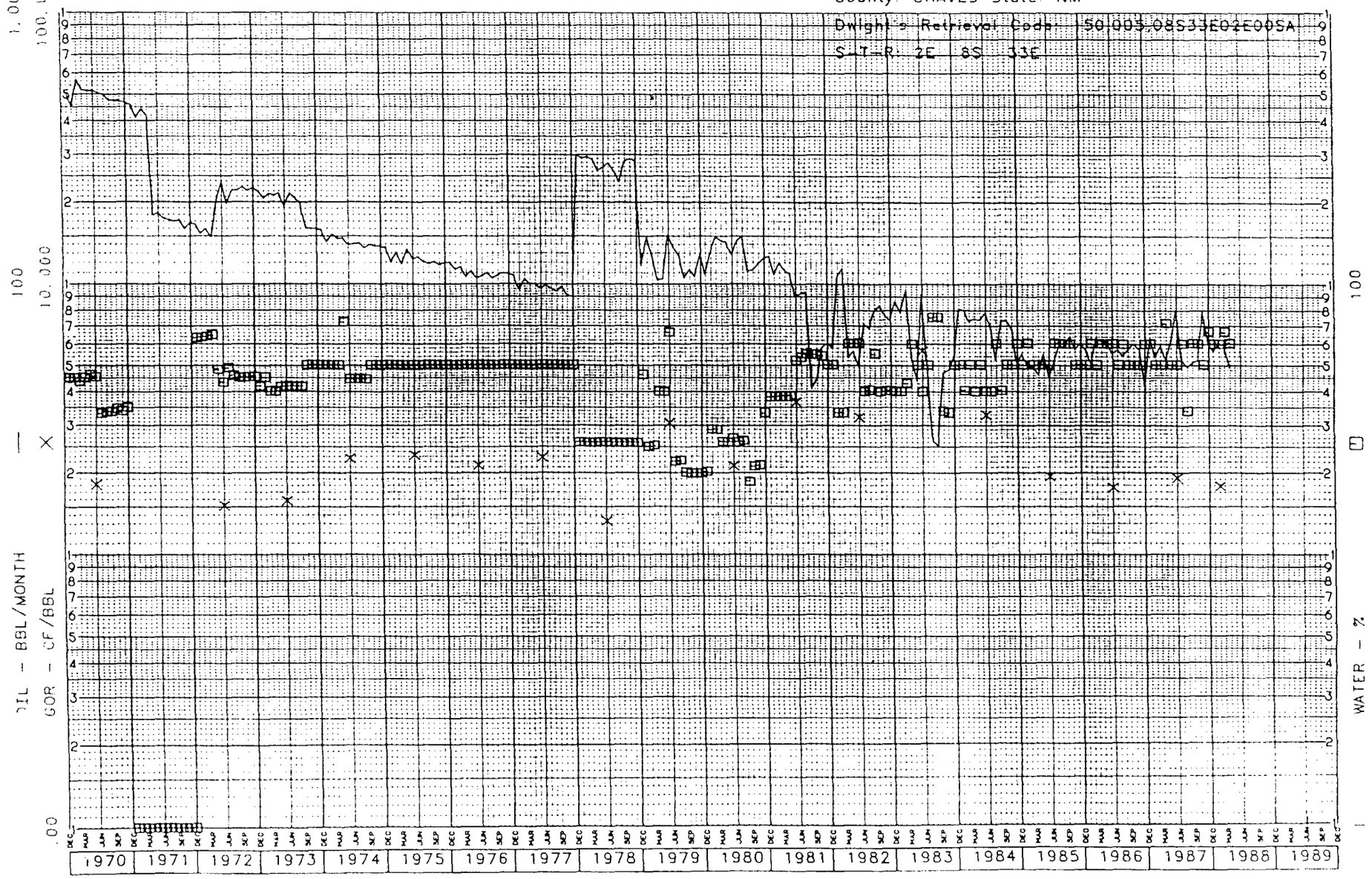
Operator: KERR MCGEE CORP
Lease: STATE F Well No: 000002
Field: CHAVEROO SAN ANDRES SA
Reservoir:
County: CHAVES State: NM
Dwight's Retrieval Code: 150,005,08S33E02C00SA
S-T-R: 2C 8S 33E



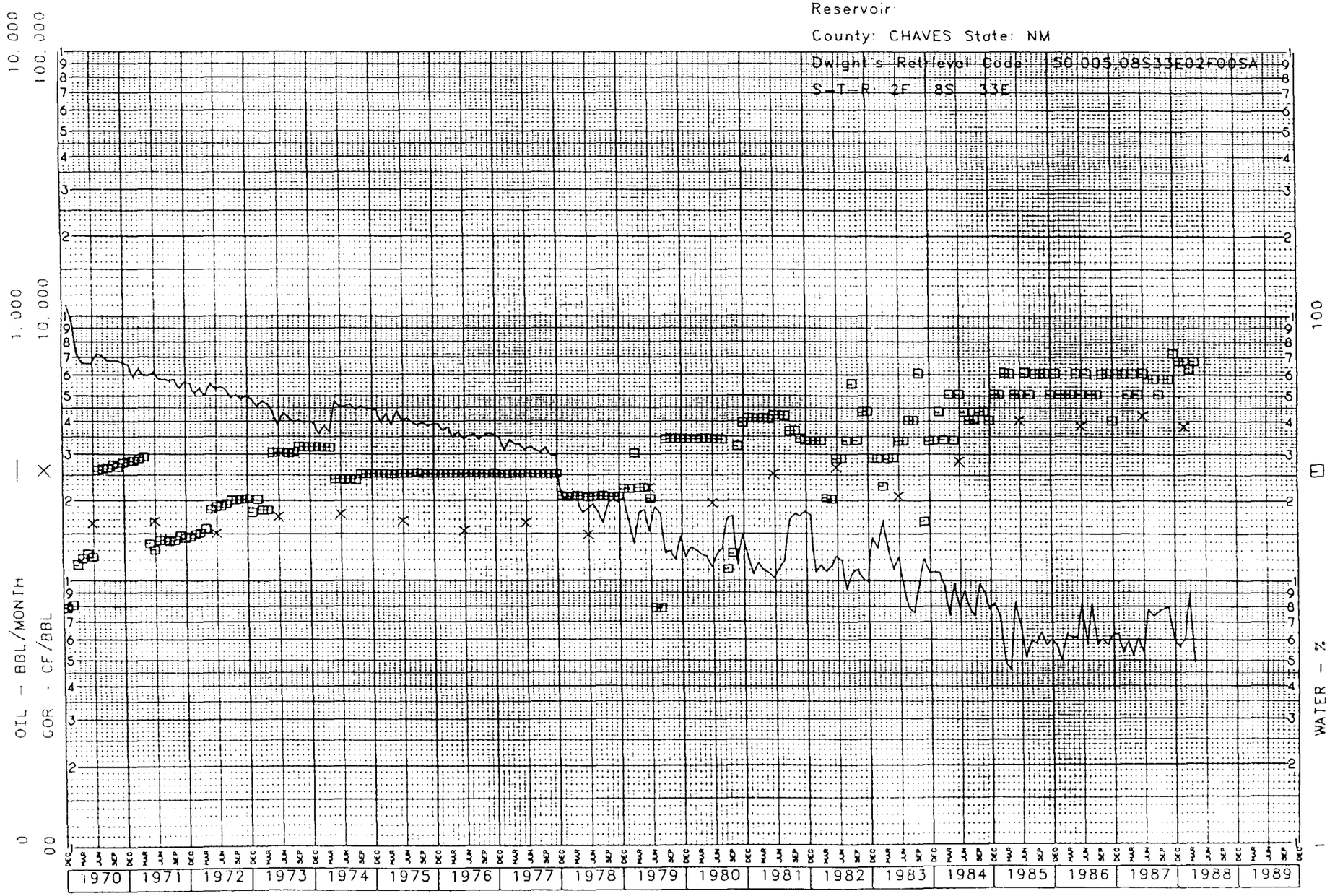
Operator: KERR MCGEE CORP
Lease: STATE F Well No: 000001
Field: CHAVEROO SAN ANDRES SA
Reservoir:
County: CHAVES State: NM



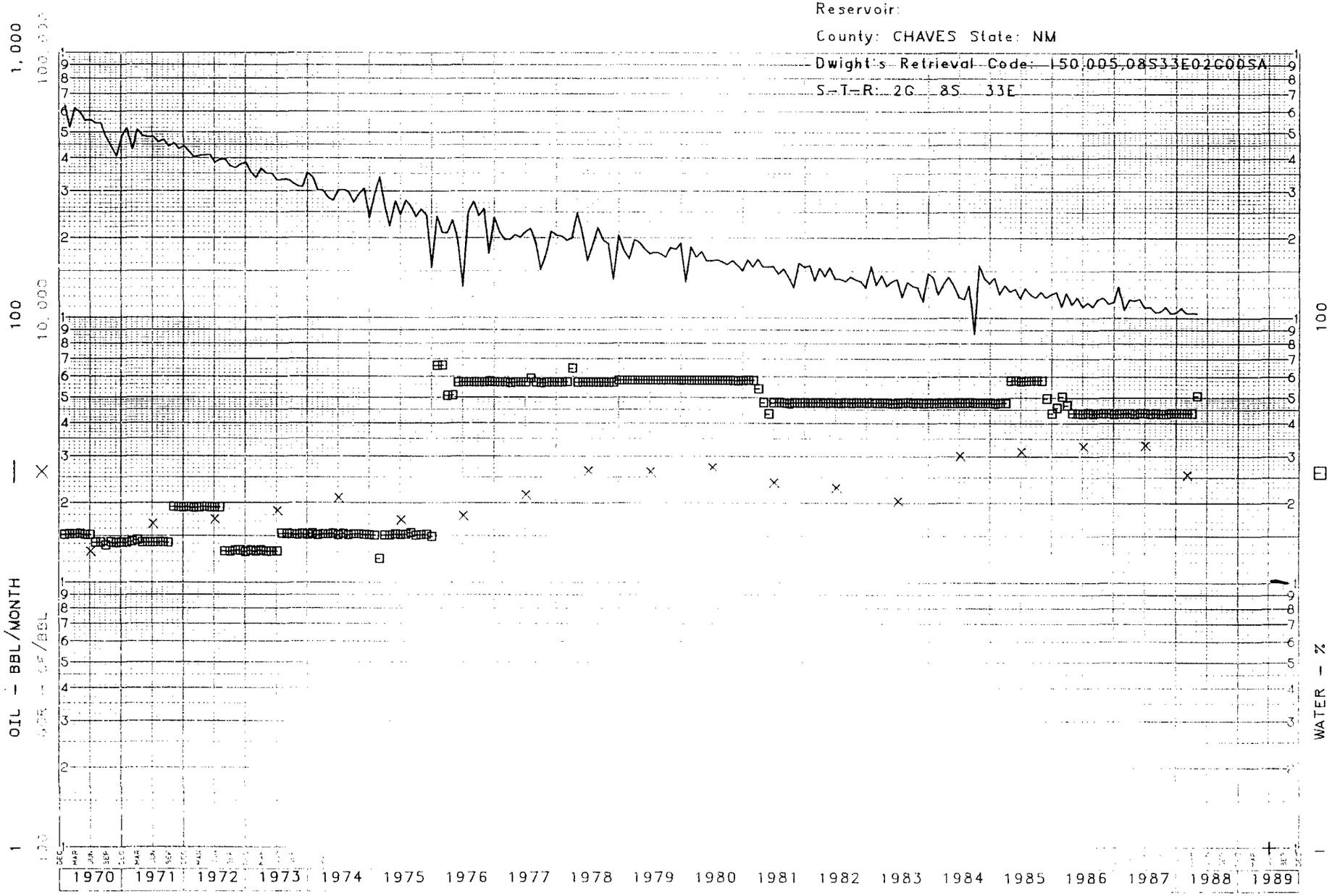
Operator: KERR MCGEE CORP
Lease: STATE F Well No: 000003
Field: CHAVEROO SAN ANDRES SA
Reservoir:
County: CHAVES State: NM



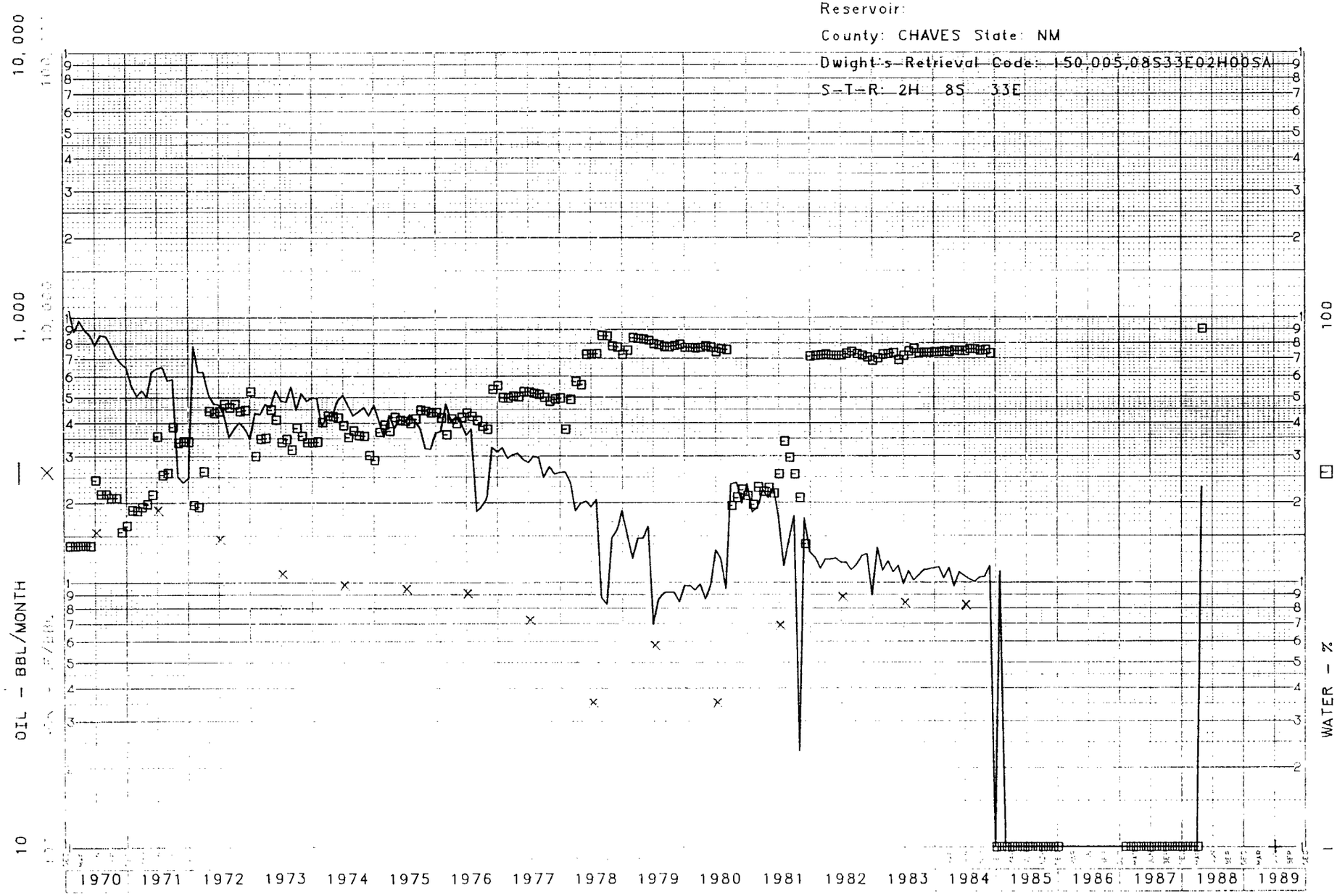
Operator: KERR MCGEE CORP
Lease: STATE F Well No: 000004
Field: CHAVEROO SAN ANDRES SA
Reservoir:
County: CHAVES State: NM
Dwight's Retrieval Code: 50.005.08S33E02F00SA
S-T-R: 2F 8S 33E

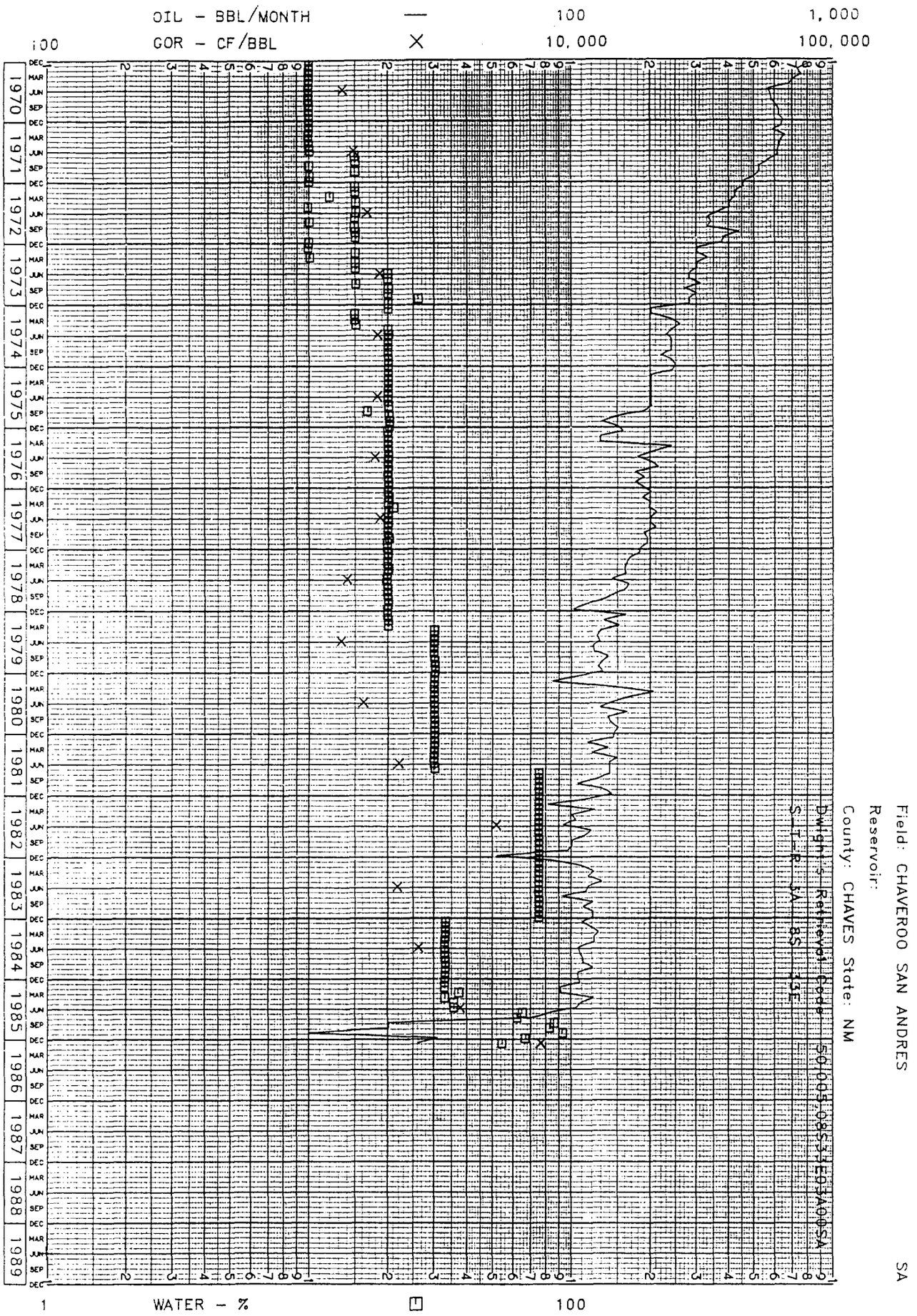


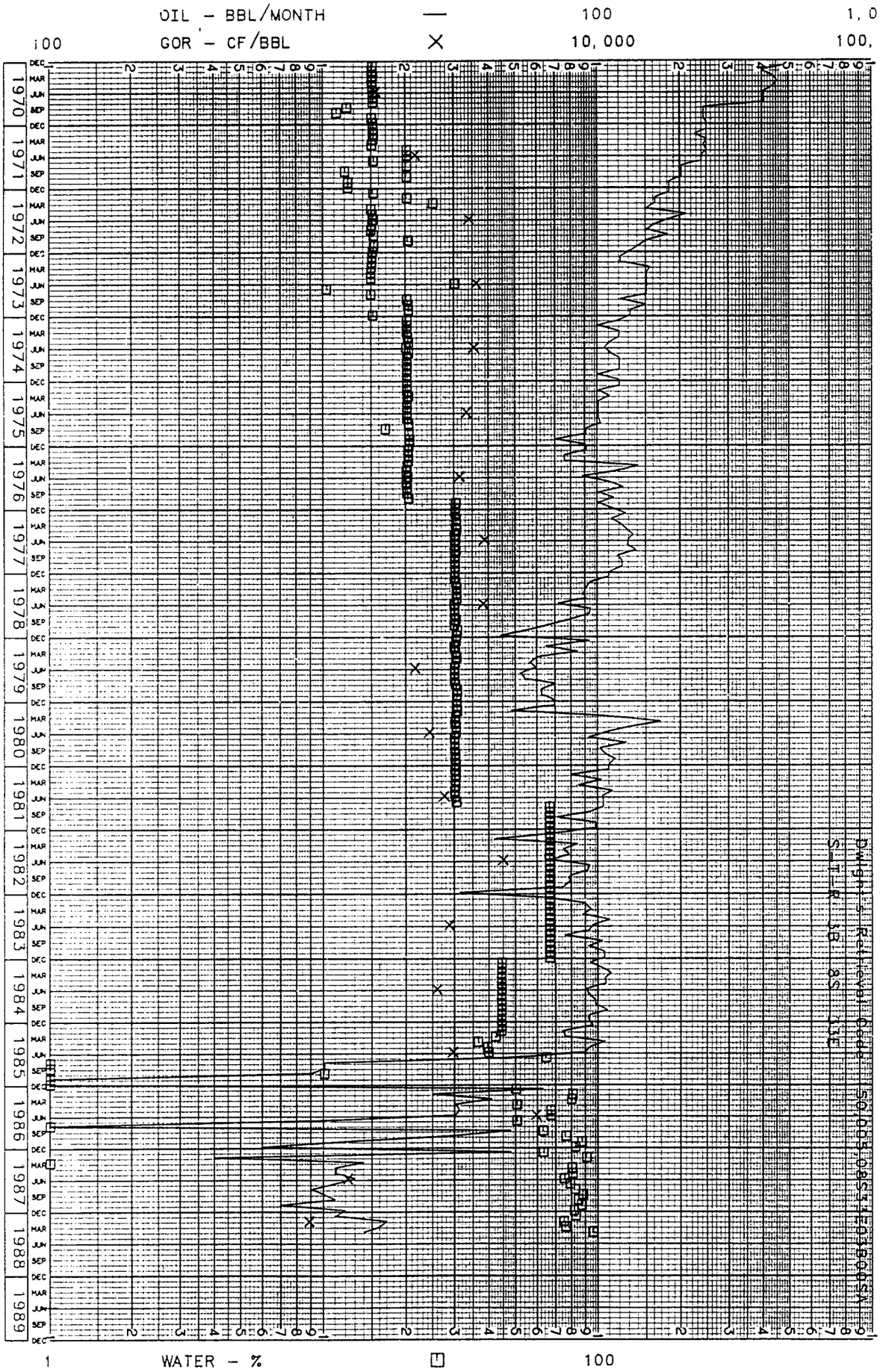
Operator: UNION PACIFIC RESOURCES
Lease: LEVICK STATE 2 Well No: 000001
Field: CHAVEROO SAN ANDRES SA
Reservoir:
County: CHAVES State: NM
Dwight's Retrieval Code: 150,005,08S33E02C00SA
S-T-R: 2C 8S 33E



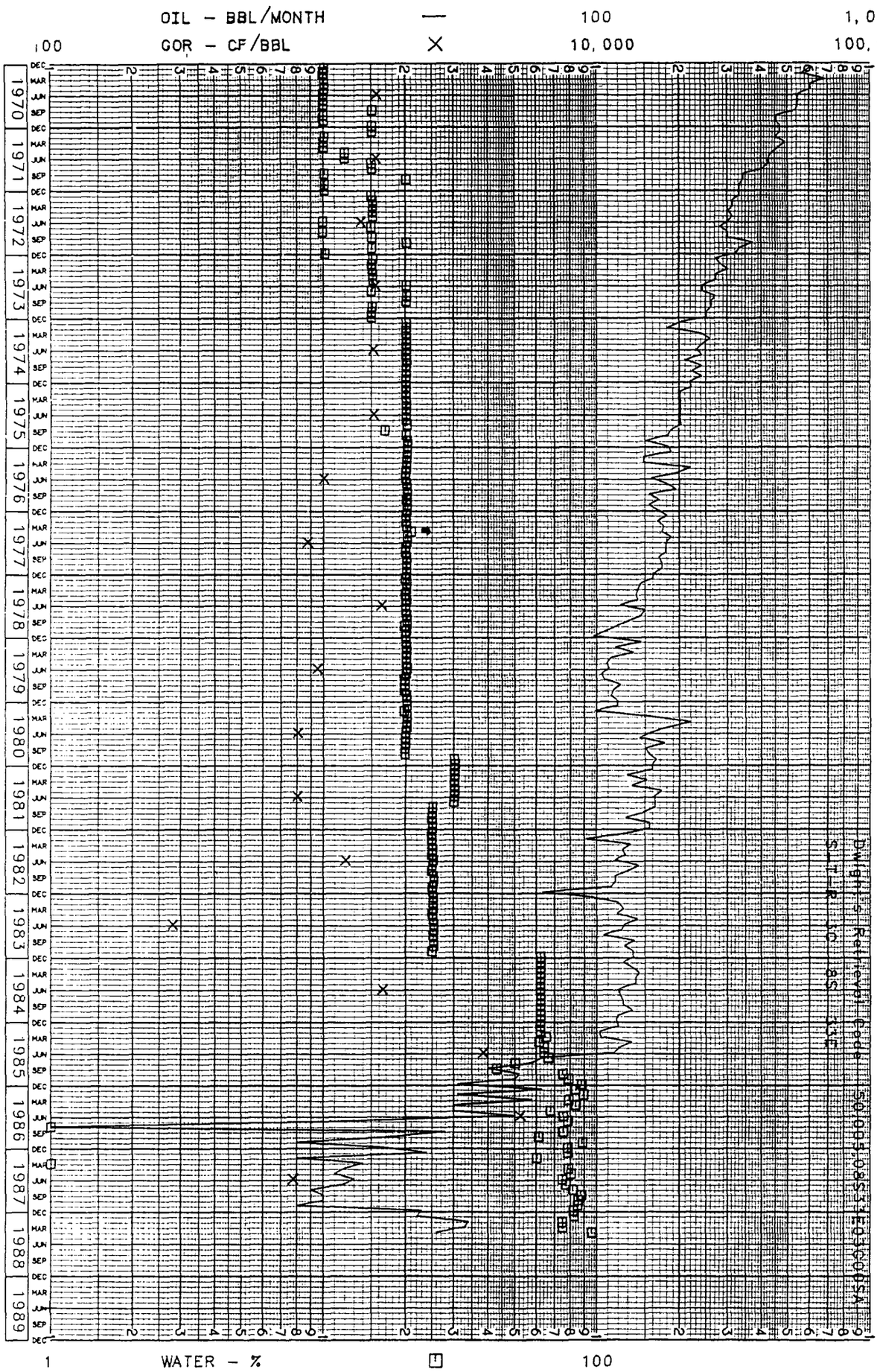
Operator: MERLIN EXPLORATION INC
Lease STATE TRACT C Well No 000003
Field: CHAVEROO SAN ANDRES SA
Reservoir:
County: CHAVES State: NM
Dwight's Retrieval Code: I-50,005,08S33E02H00SA
S-T-R: 2H 8S 33E

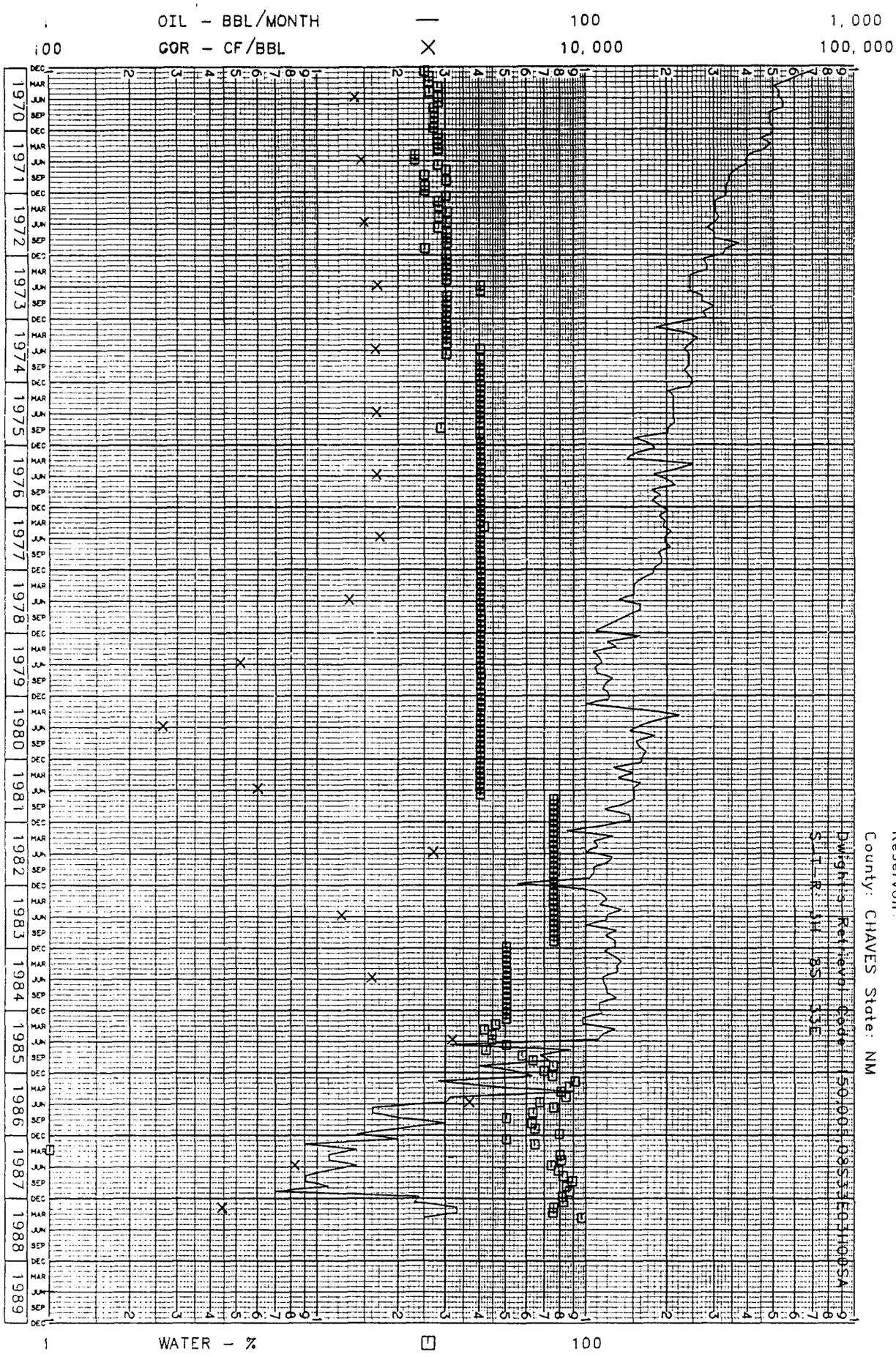



OIL - BBL/MONTH
GOR - CF/BBL
WATER - %
100
1,000
10,000
100,000
1
1970
1971
1972
1973
1974
1975
1976
1977
1978
1979
1980
1981
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1989
Operator: HONDO O&G CO
Lease: STATE BF Well No: 000001
Field: CHAVEROO SAN ANDRES
Reservoir:
County: CHAVES State: NM
SA



Operator: HONDO O&G CO
Lease: STATE BF Well No: 000002
Field: CHAVEROO SAN ANDRES
Reservoir:
County: CHAVES State: NM


OIL - BBL/MONTH
GOR - CF/BBL
WATER - %
100
1,000
10,000
100,000
1
100
Dwight's Retrieval Code 50-005-00853-EOSC00SA
S-T-R: 35-8S-33E
Operator: HONDO O&G CO
Lease: STATE BF Well No: 000006
Field: CHAVEROO SAN ANDRES
Reservoir:
County: CHAVES State: NM
SA
1970
1971
1972
1973
1974
1975
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1977
1978
1979
1980
1981
1982
1983
1984
1985
1986
1987
1988
1989


OIL - BBL/MONTH
100
1,000
GOR - CF/BBL
10,000
100,000
WATER - %
100
Operator: HONDO O&G CO
Lease: STATE BF Well No: 000004
Field: CHAVEROO SAN ANDRES
Reservoir:
County: CHAVES State: NM
Dwight's Retrieval Code: 30-005-00953-E03HQ0SA
S T R: 9H 8S 33E
1970
1971
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