DOYLE HARTMAN
Oil Operator
500 N. MAIN
P.O. BOX 10426
MIDLAND, TEXAS 79702
(915) 684-4011

November 14, 1989

BEFORE EXAMINER CATANACH
Oil Conservation Division
Exhibit No. 20
Case No. 9994

Chevron USA, Inc.
Post Office Box 1150
Midland, Texas 79702
Attention: Mr. Mickey Cohlmia
Landman

Re: Purchase Offer
H. T. Orcutt "A" No. 1
3300 FSL & 1980 FWL (N)
Section 5, T-21-S, R-36-E
Lea County, New Mexico
(160-acre Eumont P.U.)

Gentlemen:

We are presently working with Koch Exploration Company regarding the purchase of their Eumont gas rights corresponding to their 80-acre State "A" lease (B-2456) situated in the N/2 S/3 E/2 Section 5, T-21-S, R-36-E, Lea County, New Mexico.

In a letter to us dated November 1, 1989 (copy enclosed), Koch requested that we furnish them with available data corresponding to the various Eumont gas wells offsetting their 80-acre tract. In gathering the data requested by Koch, we have determined the following:

(1) Chevron's H. T. Orcutt "A" 160-acre Eumont proration unit consisting of the S/3 N/2 W/2 and N/3 S/2 W/2 Section 5, T-21-S, R-36-E is a highly marginal Eumont proration unit. Recent production data from Chevron's H. T. Orcutt "A" No. 1 Eumont gas well (N-5-21S-36E) indicates the well produces slightly in excess of 30 MCFPD. A graphical presentation comparing the marginal production level of your H. T. Orcutt "A" No. 1 to the maximum (non-marginal) allowable available for a 160-acre Eumont gas proration unit (AF=1.0) is enclosed for your review

(2) The current Eumont completion interval for your H. T. Orcutt "A" No. 1 is composed of the Queen and Penrose zones between 3420 feet and 3700 feet. Prior to being recompleted to the Eumont gas pool interval, the H. T. Orcutt "A" No. 1 was originally completed as a Eunice-Monument Grayburg producer and produced from an open-hole interval between 3,718' and 3,890' (just 18 feet below the bottom of the current Eumont Penrose gas completion). Chevron abandoned the Eunice-Monument Grayburg zone in the H. T. Orcutt "A" No. 1 in

March, 1954 by setting a Baker Model "K" cast-iron bridge plug at 3,710', but the open-hole interval below 3,710' was not cemented off at the time of abandonment and today fluids are still free to migrate to the top of the open-hole interval.

(3) In July, 1986, Chevron drilled its Eunice-Monument South Unit No. 225 (EMSU No. 225) water injection well at a location consisting of 3,223' FSL and 1,960 FWL of Section 5, T-21-S, R-36-E. The surface location of the EMSU No. 225 well is situated only 80' southwest of the surface location for the Chevron H. T. Orcutt "A" No. 1 Eumont well. The EMSU No. 225 well is completed over a Grayburg water injection interval consisting of 3,730' to 3,990'. Through May, 1989, 484,225 barrels of water had been injected into Chevron's EMSU No. 225 water injection well. For May, 1989, the average water injection rate for the EMSU No. 225 well was reported by Chevron to be 293 BWPD with an average surface injection pressure of 604 psig.

After discovering the above noted facts, we are alarmed by the close proximity of the H. T. Orcutt "A" No. 1 Eumont gas wellbore to your EMSU No. 225 Eunice-Monument water injection wellbore. Moreover, we are also concerned about the close proximity (within the H. T. Orcutt "A" No. 1 wellbore) of the currently producing low-pressure Eumont gas completion interval to the previously abandoned and much higher-pressure Grayburg waterflood interval. Because of the close proximity (within the H. T. Orcutt "A" No. 1 wellbore) of the currently producing Eumont gas interval and the previously abandoned Eunice-Monument interval, and due to the large pressure differential that exists between the two intervals (approximately 2000 psi); to us, it appears to be just a matter of time before the low-pressure Eumont zone in the H. T. Orcutt "A" No. 1 is watered out by Chevron's nearby Eunice Monument South Unit No. 225 water injection well.

The possibility of water invasion into the much lower-pressure Eumont gas zone on the H. T. Orcutt "A" lease gives us great concern since we are presently working on the above noted acquisition of Koch's 80-acre State "A" Eumont lease which is a diagonal southeast offset to Chevron's H. T. Orcutt "A" lease. Obviously, we do not want the State "A" lease to be affected by Chevron's Eunice Monument South Unit Water Injection Project.

Secondly, in the interest of seeing that the recovery of low-pressure gas reserves is maximized, we believe that low-pressure gas zones must be protected from potential high-pressure water invasion.

Therefore, in an effort to achieve a solution that takes into consideration the needs of all parties as to the potential H. T. Orcutt "A" water problem, and since your H. T. Orcutt "A" No. 1 Eumont well is already at an advanced stage of depletion and possesses very limited remaining recoverable reserves, we respectfully propose the following:

(1) Hartman to acquire, f5,000.00, all of Chevron's oil and gas rights over the vertiterval from the surface to the base of the Eumont Pool inter.00 feet subsea) in the above described 160-acre H. T. OrcutNo. 1 Eumont gas proration unit. Our proposed purchase wou include the acquisition by us of any remaining Eumont reseorresponding to your H. T. Orcutt "A" No. 1 well which we e (based on the attached Rate-Time Plot for the H. T. Orcutt . 1) to be no more than 127 MMCF.

(2) Futhermore, in order ure the proper future isolation of the Eumont and Eunice Monintervals within Chevron's H. T. Orcutt "A" No. 1 wellbore, h to properly plug and abandon at his sole risk and expense. A. Orcutt "A" No. 1 well.

(3) As to the subject 16(H. T. Orcutt "A" Eumont gas proration unit, Chevron to asn 87.5% NRI which we believe to be Chevron's present NRI the subject H. T. Orcutt "A" lease is a State of New Mexico (B-244-1).

Upon Chevron's assignment of its Orcutt "A" lease to Doyle Hartman for $175,000.00, and after we have pr plugged and abandoned the marginal H. T. Orcutt "A" No. 1 well, we theose to drill and complete in a manner that is both compatible with Chs current Eunice Monument South Unit waterflood operation, and in a mhat will also provide for the maximum recovery of any remaining Eumont serves, a new infill Eumont gas well on the subject 160-acre proratit before any remaining reserves are drained by offsetting Eumont trac

In support of our concerns abocential water invasion into the low-pressure Eumont gas interval anillustrate what can happen when low-pressure gas reserves are watere by improper water invasion, you are referred to Doyle Hartman's recenase of the NMFU's 320-acre Jack "A-20" Jalmat gas lease situated in theection 20, T-24-S, R-37-E. We are at this time in the process of comp our newly drilled Jack "A-20" No. 11 infill Jalmat gas well at a locconsisting of 1,980 FEL and 2,180 FSL Section 20, T-24-S, R-37-E. As mpletion of our Jack "A-20" No. 11 has progressed, we have sadly discovet a portion of the low-pressure Jalmat (Yates) dry gas interval appears t been watered out by the Conoco (NMFU) operated Langlie Jack Waterflood t. We also at this time believe that our Jack "A-20" water problem is reat part caused by an unusually short casing string (5 1/2" set at 3210 in the offset Langlie Jack Unit No. 12 water injection well situated jus of our above noted Jack "A-20" No. 11 infill location. A review of Nico Oil Conservation Division records indicate that a total of 4,600,00ve been injected into the Langlie Jack Unit No. 12 well and due to a cion of the very large volume of water that has been injected into the e Jack Unit No. 12 well and the close proximity of casing setting depthe base of the highly permeable Jalmat (Yates) gas zone, it appears thate volume of water has escaped from the much higher-pressure open-hole e Mattix injection interval in the

Langlie Jack Unit No. 12 into the low pressure highly permeable Jalmat (Yates) gas interval.

In light of the similarity of the situations corresponding to our Jack "A-20" lease and Chevron's H. T. Orcutt "A" lease, we respectfully request that Chevron promptly review the facts discussed herein and then take positive action to prevent (as has already happened in part on the Jack "A-20" lease formerly owned by the NMFU) the watering out of the low-pressure Queen-Penrose gas interval on Chevron's 160-acre H. T. Orcutt "A" lease and offsetting Eumont leases.

As to our Jack "A-20" lease, we have already spent approximately $600,000.00 purchasing and re-drilling the subject 320-acre Jalmat proration unit. Since time is of the essence when dealing with potential water invasion, we do not want to experience, on the Koch State "A" lease, a reoccurrence of our Jack "A-20" water problem, and, if you desire, we will be happy to meet with Chevron operational personnel either in Hobbs or Midland to discuss in detail the potential H. T. Orcutt "A" water problem.

Very truly yours,

Doyle Hartman

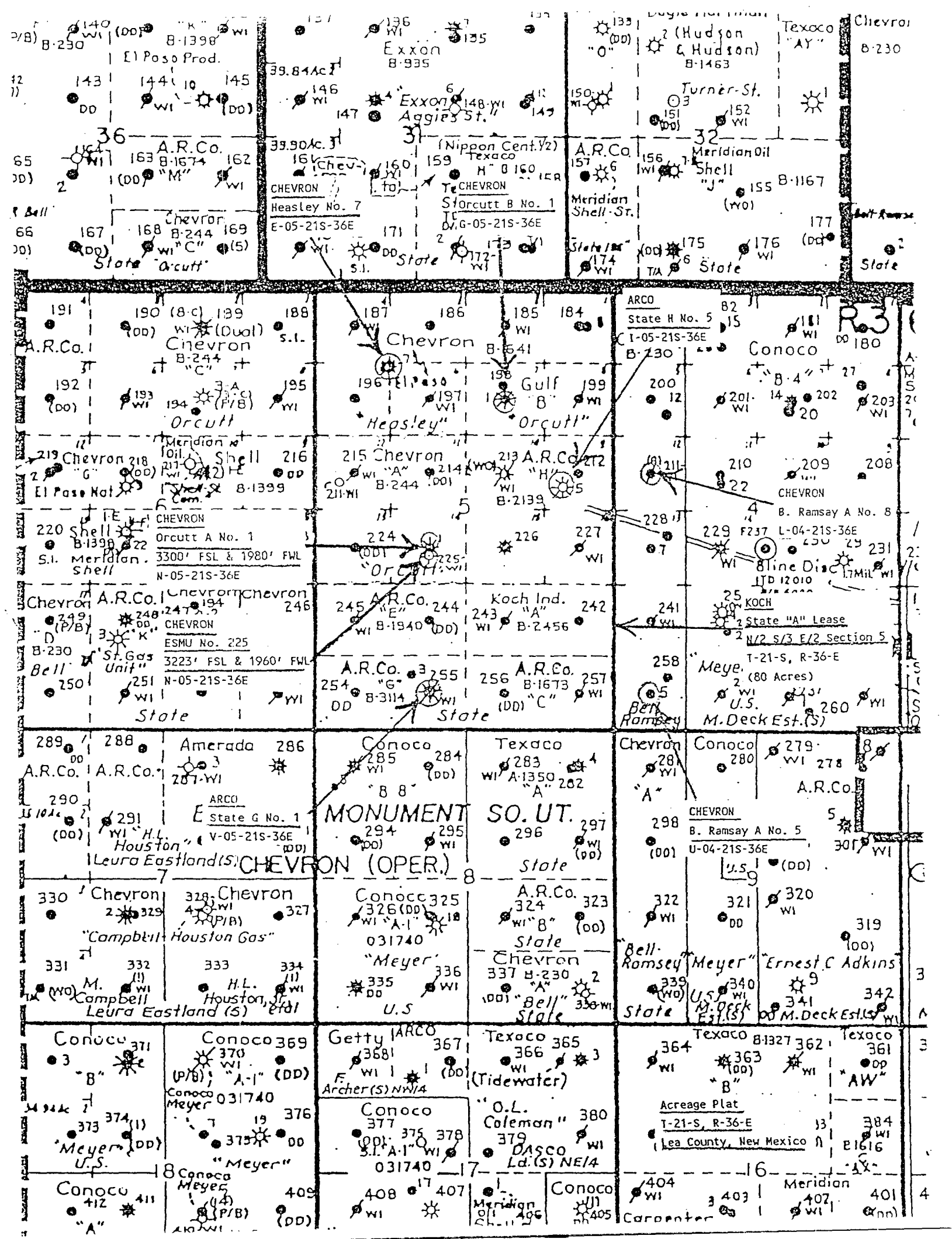
DH/ps
Enclosures

cc: James A. Davidson
Post Office Box 494
Midland, Texas 79702

Chevron USA, Inc.
Post Office Box 670
Hobbs, New Mexico 88240
Attention: Mr. R. C. Anderson
Division Manager

Chevron USA, Inc.
Post Office Box 670
Hobbs, New Mexico 88240
Attention: Mr. T. A. Etchison
Senior Petroleum Engineer

Chevron USA, Inc.
Post Office Box 1635
Houston, Texas 77251
Attention: Ms. Denise Beckham
Landman


El Paso Prod.
Exxon
B-935
Exxon
Aggies St.
(Hudson & Hudson)
B-1463
Turner-St.
Texaco "AY"
A.R.C.O.
B-1674
"M"
Chevron
B-244
"C"
State "Arcutt"
CHEVRON
Heasley No. 7
E-05-21S-36E
(Nippon Cent. 1/2)
Texaco
"H" B 160
CHEVRON
Orcutt B No. 1
G-05-21S-36E
A.R.C.O.
Meridian Oil
Shell
"J"
B-1167
Meridian Oil
Shell-St.
State
ARCO
State H No. 5
I-05-21S-36E
B-230
Conoco
"B-4"
Chevron
B-244
"C"
Chevron
B-641
Gulf
B
"Orcutt"
"Hepsley"
Meridian Oil
Shell
"E"
Chevron
"G"
El Paso Nat
B-1399
Com.
Chevron
"A"
B-244
A.R.C.O.
"H"
B-2139
CHEVRON
B. Ramsay A No. 8
F-04-21S-36E
Shell
B-1398
S.I.
Meridian
Shell
CHEVRON
Orcutt A No. 1
3300' FSL & 1980' FWL
N-05-21S-36E
"Orcutt"
Chevron
"D"
B-230
Bell
Chevron
A.R.C.O.
"K"
CHEVRON
ESMU No. 225
3223' FSL & 1960' FWL
N-05-21S-36E
"St. Gas Unit"
State
A.R.C.O.
"E"
B-1940
A.R.C.O.
"G"
B-3114
State
Koch Ind.
"A"
B-2456
KOCH
State "A" Lease
N/2 S/3 E/2 Section 5
T-21-S, R-36-E
(80 Acres)
Ben Ramsay
"Meyer"
U.S.
M. Deck Est.(S)
A.R.C.O.
"H.L. Houston"
Leura Eastland(S)
Amerada
ARCO
State G No. 1
V-05-21S-36E
E
Conoco
"B B"
MONUMENT
Texaco
A-1350
"A"
SO. UT.
State
CHEVRON (OPER.)
Chevron
"A"
Conoco
A.R.C.O.
CHEVRON
B. Ramsay A No. 5
U-04-21S-36E
U.S.
Chevron
"Campbell"
Houston Gas"
Conoco
"Meyer"
031740
A.R.C.O.
"B"
State
Chevron
B-230
"A"
"Bell"
State
"Bell-Ramsey"
"Meyer"
U.S.
M. Deck Est.(S)
"Ernest C Adkins"
M. Deck Est.(S)
M. Campbell
Leura Eastland (S)
H.L. Houston, et al
U.S
Conoco
"B"
Conoco
"A-1"
031740
Meyer
"Meyer"
Getty
ARCO
F. Archer(S) NW/4
Texaco
(Tidewater)
"O.L. Coleman"
DASCO
Ld.(S) NE/4
Texaco
B-1327
"B"
Acreage Plat
T-21-S, R-36-E
Lea County, New Mexico
Texaco
"AW"
Conoco
"A"
Conoco
Meyer
Conoco
Meridian
Carpenter

KOCH

KOCH EXPLORATION COMPANY

November 1, 1989

Mr. Doyle Hartman
PO Box 10426
Midland, TX 79702

Re: Purchase Offer
State "A" Lease
Lea County, New Mexico

Dear Mr. Hartman:

Reference is made to your letter dated October 24, 1989, concerning your interest in purchasing the shallow leasehold under the subject lease located in the N/2SE/4 Sec. 5-T21S-R36E, Lea County, New Mexico.

We have reviewed this area before and do not expect that Koch would drill an Eumont well in this area. However, we do not have a great deal of information in the area and would appreciate your providing us with more information concerning the offset wells as to production and current declines, etc. in order to be able to move forward with any recommendation as to your request.

It is our understanding that you will be working with the owners of the overriding royalty interest, and we would also appreciate an update as to those discussions. We should also point out that any discussions as to a sale of our interest would be restricted to the productive formation you wish to drill.

If you have any questions, please call the undersigned at 316 832-5910.

Yours very truly,

Lance F. Harmon
Land Manager - U.S.

NOV, 3 1989

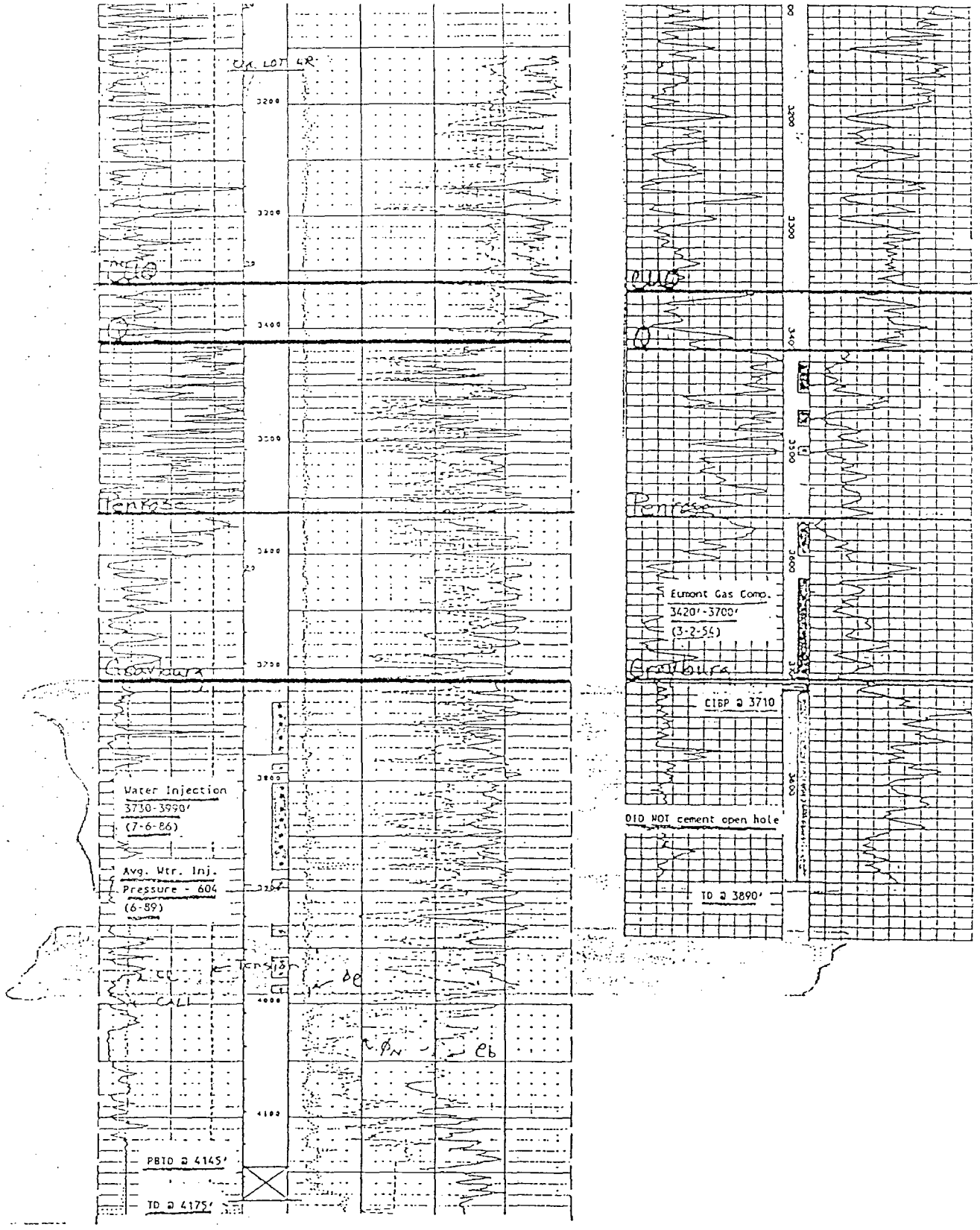
LFH:es
hrtmn_lea.

P.O. Box 2256 • Wichita, Kansas 67201-2256 • 316/832-5237 • Telecopier 316/832-5390
4111 E. 37th Street North • Wichita, Kansas 67220

80'

CHEVRON
EMSU No. 225
N-05-21S-36E
(3223' FSL & 1960' FWL)

CHEVRON
Orcutt "AA" No. 1
N-05-21S-36E
(3300' FNL & 1980' FWL)



COMPANY Gulf Oil Corp.

WELL Orcutt "A" No. 1

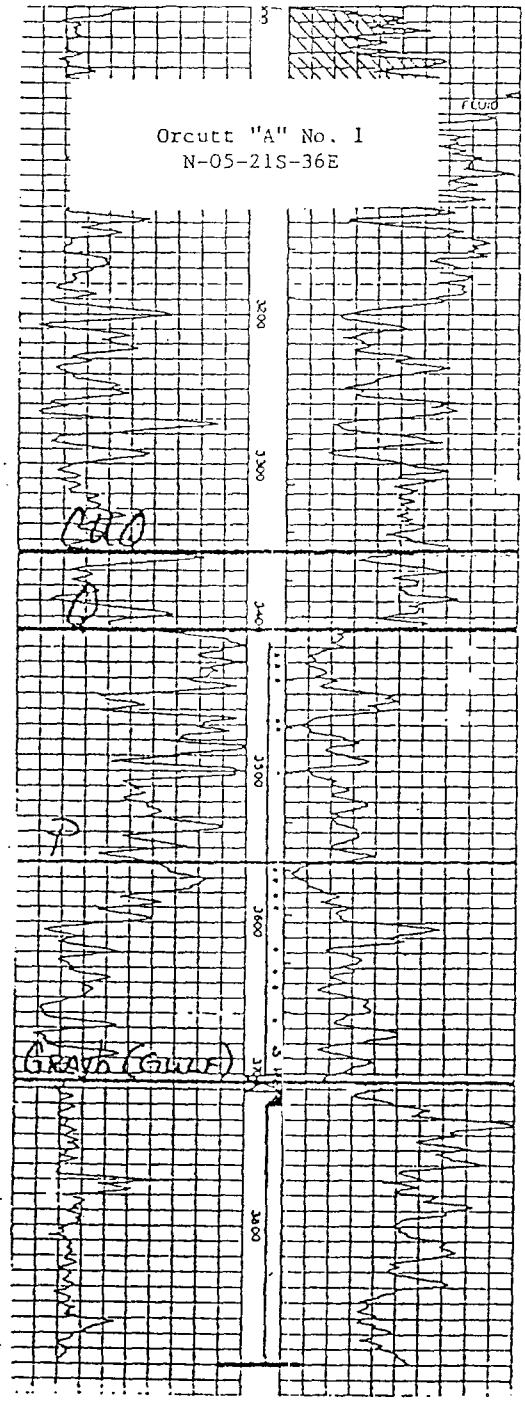
FIELD Eumont/Eunice

LOCATION 3300 FSL & 1980 FEL (N)
Section 5, T-21-S, R-36-E
(21-36-5-N)

COUNTY Lea

STATE New Mexico

ELEVATIONS: KB
DF 3590
3-11-85 GL



COMPLETION RECORD

SPUD DATE 7-14-35 COMP. DATE 9-19-35

TD 3890 PBTD

CASING RECORD 10-3/4 @ 351 w/150
7-5/8 @ 2719 w/325
5-1/2 @ 3718 w/260

PERFORATING RECORD OH: 3718-3890

STIMULATION Natural

IP IPF= 297 BOPD + 500 MCFPD

GOR GR 34.1

TP CP

CHOKE TUBING 2 @ 3890

REMARKS

3-2-54: PBTD @ 3702. Perf
3420-3700 w/1040. A/1000.
F/1750 MCFPD. TP= 560#. CP= 720#.

Current Classification: Eumont Gas

N-5-21-36

(Form C-103)
(Revised 7/1-52)

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

RECEIVED
MAR 8 1954
OIL CONSERVATION COMMISSION
HOBBS, OFFICE

MISCELLANEOUS REPORTS ON WELLS

Submit this report in TRIPLICATE to the District Office, Oil Conservation Commission, within 10 days after the work specified is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, Results of plugging of well, result of well repair, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Report by Checking Below

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON RESULT OF TEST OF CASING SHUT-OFF		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF PLUGGING WELL		REPORT ON RECOMPLETION OPERATION	X	REPORT ON (Other)	

March 5, 1954 (Date) Hobbs, New Mexico (Place)

Following is a report on the work done and the results obtained under the heading noted above at the

Gulf Oil Corporation (Company or Operator) H. T. Orcutt (Lease)

D & S Oilwell Service Inc. (Contractor) Well No. 1 in the Center of Lot 8 of Sec. 5

T. 21-S, R. 36-E, NMPM., Eumont Gas Pool, Lea County.

The Dates of this work were as follows: Feb. 24 - Mar. 2, 1954

Notice of intention to do the work (was) (~~was not~~) submitted on Form C-101 on Dec. 31, 1953 (Cross out incorrect words)

and approval of the proposed plan (was) (~~was not~~) obtained.

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Set Baker Model "K" cast iron bridge plug at 3710' and dumped one sack Portland regular cement on top of plug. Top of cement at 3702'. Perforated 5-1/2" casing from 3400-3399' with 8, 1/2" Jet Holes. Set Baker Model "K" magnesium cement retainer at 3389' and attempted to squeeze cement thru perforations at 3400-3399' with 3900#. Perforations would not take fluid. Cemented down 7-5/8" and 5-1/2" casing annulus with 250 sacks regular bulk cement. Temperature survey found cement from surface to 2900'. Drilled out retainer at 3389' and cleaned out to 3702'. Tested casing with 1200# for 30 minutes - no drop in pressure. Perforated 5-1/2" casing from 3700-3550' and 3530-3420' with 4, 1/2" Jet Holes per foot (Queen formation). Gas tested 993.3 MCF per 24 hours with 490# back pressure. Washed perforations from 3700-3550' and 3530-3420' with 500 gallons mud acid and injected an additional 500 gallons mud acid into formation. Gas tested 1,750.0 MCF per 24 hours with 560# back pressure. Schedule Allowable 1,375,000 cu ft per day estimated. 24 hour shut-in pressure - Tubing pressure 900#, casing pressure 980#.

Witnessed by F. C. Crawford (Name) Gulf Oil Corporation (Company) Field Foreman (Title)

Approved:
OIL CONSERVATION COMMISSION

L. G. Stanley (Name)

Engineer District 1 (Title) MAR 10 1954 (Date)

I hereby certify that the information given above is true and complete to the best of my knowledge.

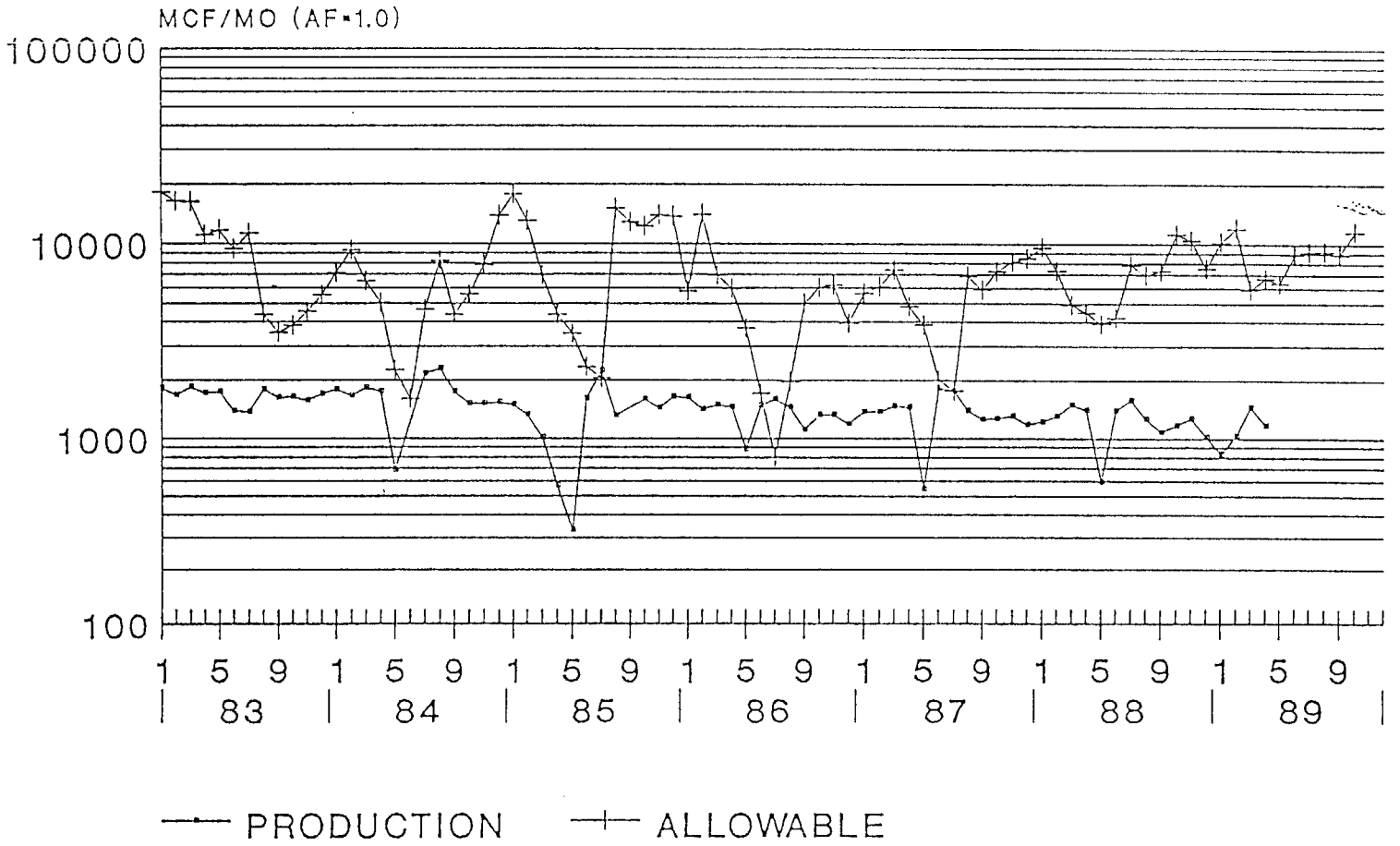
Name E. F. Foy

Position Area Prod. Supt.

Representing Gulf Oil Corporation

Address Box 2167, Hobbs, N. Mex.

HT ORCUTT NCT A #1
PRODUCTION VS. ALLOWABLE
N-5-21-36



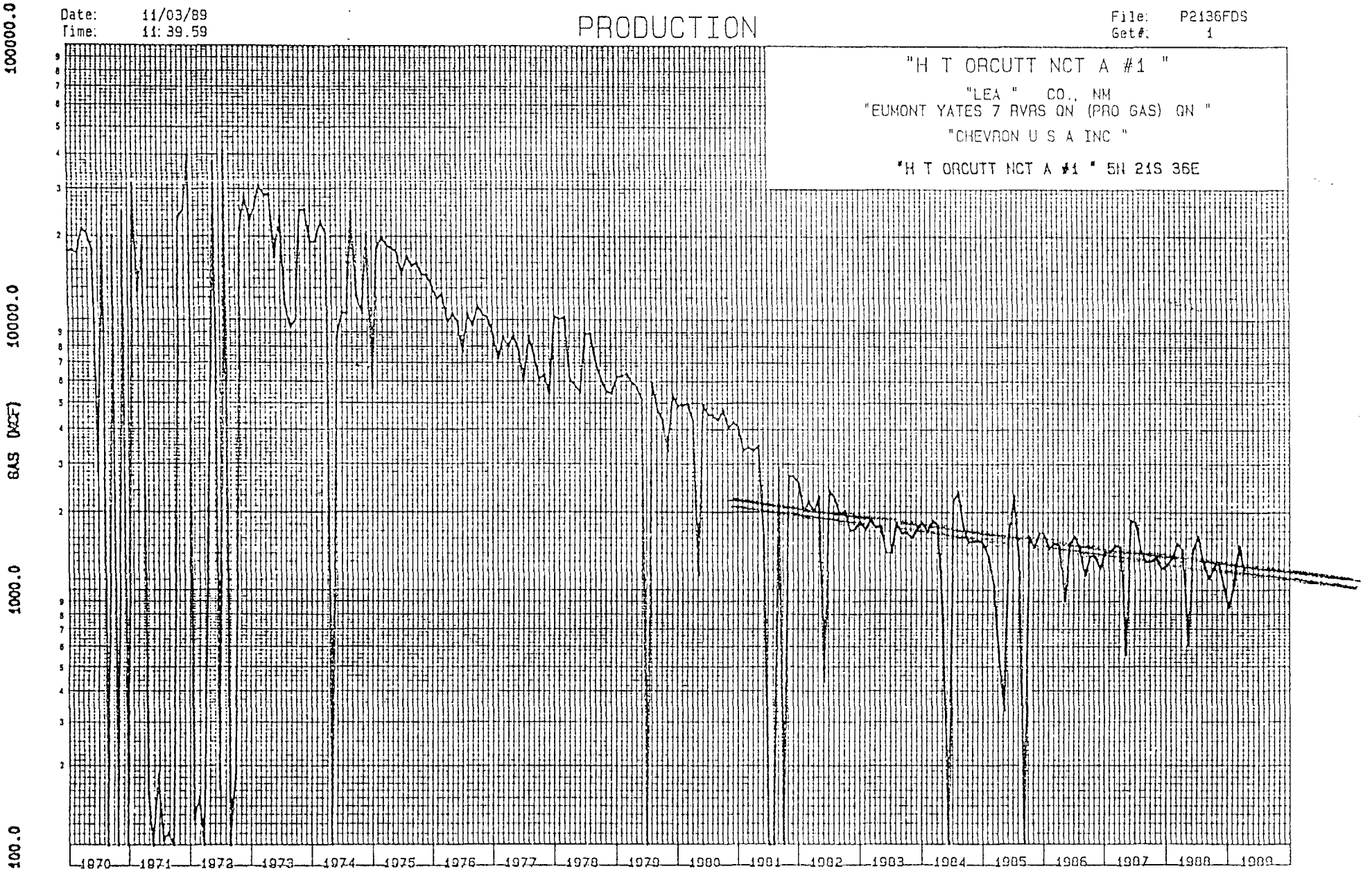
ORC/KOCH

Date: 11/03/89
Time: 11:39.59

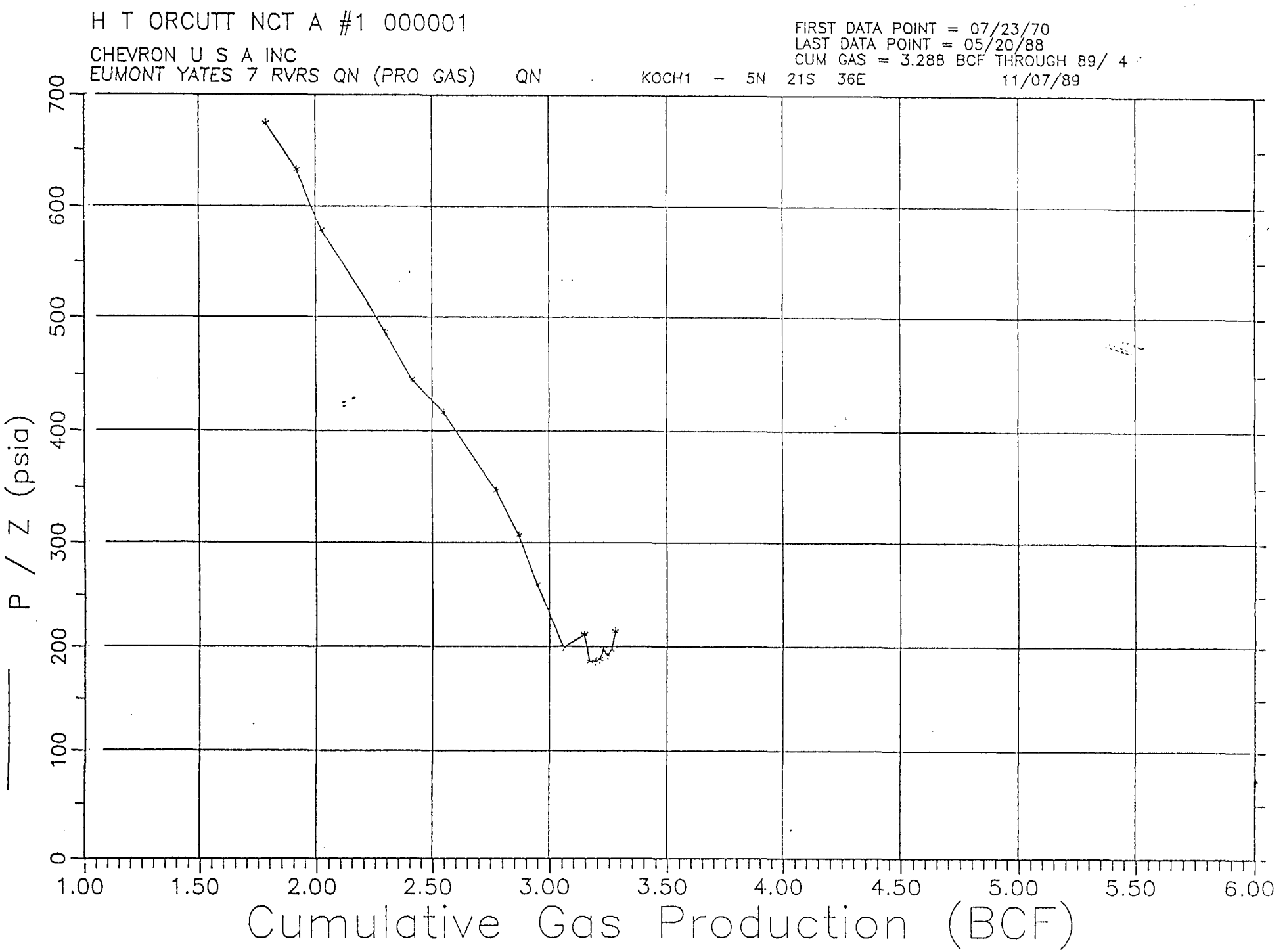
PRODUCTION

File: P2136FDS
Get#: 1

"H T ORCUTT NCT A #1 "
"LEA " CO., NM
"EUMONT YATES 7 RVRS QN (PRO GAS) QN "
"CHEVRON U S A INC "
"H T ORCUTT NCT A #1 " 5N 21S 36E



DOYLE HARTMAN
Oil Operator


H T ORCUTT NCT A #1 000001
CHEVRON U S A INC
EUMONT YATES 7 RVRS QN (PRO GAS) QN
KOCH1 - 5N 21S 36E
FIRST DATA POINT = 07/23/70
LAST DATA POINT = 05/20/88
CUM GAS = 3.288 BCF THROUGH 89/ 4
11/07/89
P / Z (psia)
0
100
200
300
400
500
600
700
1.00
1.50
2.00
2.50
3.00
3.50
4.00
4.50
5.00
5.50
6.00
Cumulative Gas Production (BCF)

USER/WS - /
MENU/OPTION - /
PROC/LIBRARY - /
PROGRAM - DWKG105

30 221 | ID 536E05N60OM | LOCN 5N21S 36E | O/G G | LEASE H T ORCUTT NCT A | WELL# 000001 | COUNTY 025-LEA | POOL 008027316-EUMONT YATES 7 RVRS QN (PRO GAS) | OH | API# 0450500 | NM EU# 49555 | FIRST EGOD | GAS COMPT 30154 | TOT DEPTH 00000 | GRAVITY GAS 067 | LIQ 000 | G/L RATIO 00000

OPEB-132007 CHEVRON U S A INC   GAIH-GAS-NONAT NORTHERN NATURAL GAS CO   -LIQ-   PEBES-UP-03399
LO-03700 N_EAC-00000 TEMP_GRAD-00897 STATUS-01 00/00/00

	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
****** 1970 ******													
FLOW	1	1	1	1	1	1	1	1	1	1	1	1	
LIFT	0	0	0	0	0	0	0	0	0	0	0	0	
DAYS	0	0	0	0	0	0	0	0	0	0	0	0	0
WATER	0	0	0	0	0	0	0	0	0	0	0	0	0
OIL	0	0	0	0	0	0	0	0	0	0	0	0	0
GAS	17,010	17,132	16,748	20,589	19,596	17,184	2,725	24,816	52	19,381	85	23,732	179,050
CUMO	0	0	0	0	0	0	0	0	0	0	0	0	0
CUMG	1,690,760	1,707,892	1,724,640	1,745,229	1,764,825	1,782,009	1,784,734	1,809,550	1,809,602	1,828,983	1,829,068	1,852,800	1,852,800
****** 1971 ******													
FLOW	1	1	1	1	1	1	1	1	1	1	1	1	
LIFT	0	0	0	0	0	0	0	0	0	0	0	0	
DAYS	0	0	0	0	0	0	0	0	0	0	0	0	0
WATER	0	0	0	0	0	0	0	0	0	0	0	0	0
OIL	0	0	0	0	0	0	0	0	0	0	0	0	0
GAS	64	30,324	12,185	17,796	158	92	180	104	112	31	22,727	24,118	107,900
CUMO	0	0	0	0	0	0	0	0	0	0	0	0	0
CUMG	1,852,864	1,883,188	1,895,374	1,913,170	1,913,328	1,913,420	1,913,608	1,913,712	1,913,824	1,913,855	1,936,582	1,960,700	1,960,700
****** 1972 ******													
FLOW	1	1	1	1	1	1	1	1	1	1	1	1	
LIFT	0	0	0	0	0	0	0	0	0	0	0	0	
DAYS	0	0	0	0	0	0	0	0	0	0	0	0	0
WATER	0	0	0	0	0	0	0	0	0	0	0	0	0
OIL	0	0	0	0	0	0	0	0	0	0	0	0	0
GAS	37,893	125	153	90	3,232	35,826	163	39,436	73	190	20,562	27,258	165,001
CUMO	0	0	0	0	0	0	0	0	0	0	0	0	0
CUMG	1,998,593	1,998,718	1,998,871	1,998,961	2,002,193	2,038,019	2,038,182	2,077,618	2,077,691	2,077,881	2,098,443	2,125,701	2,125,701
****** 1973 ******													
FLOW	1	1	1	1	1	1	1	1	1	1	1	1	
LIFT	0	0	0	0	0	0	0	0	0	0	0	0	
DAYS	0	0	0	0	0	0	0	0	0	0	0	0	0
WATER	0	0	0	0	0	0	0	0	0	0	0	0	0
OIL	0	0	0	0	0	0	0	0	0	0	0	0	0
GAS	22,013	24,478	29,672	27,246	27,353	16,118	22,909	10,874	9,091	9,822	24,032	24,119	247,727
CUMO	0	0	0	0	0	0	0	0	0	0	0	0	0
CUMG	2,147,714	2,172,192	2,201,864	2,229,110	2,256,463	2,272,581	2,295,490	2,306,364	2,315,455	2,325,277	2,349,309	2,373,428	2,373,428
****** 1974 ******													
FLOW	1	1	1	1	1	1	1	1	1	1	1	1	
LIFT	0	0	0	0	0	0	0	0	0	0	0	0	
DAYS	0	0	0	0	0	0	0	0	0	0	0	0	0
WATER	0	0	0	0	0	0	0	0	0	0	0	0	0
OIL	0	0	0	0	0	0	0	0	0	0	0	0	0
GAS	10,273	10,414	21,863	19,667	84	8,368	10,349	10,167	23,794	11,788	10,216	19,891	172,874
CUMO	0	0	0	0	0	0	0	0	0	0	0	0	0
CUMG	2,391,701	2,410,115	2,431,978	2,451,645	2,451,729	2,460,097	2,470,446	2,480,613	2,504,407	2,516,195	2,526,411	2,546,302	2,546,302
****** 1975 ******													
FLOW	1	1	1	1	1	1	1	1	1	1	1	1	
LIFT	0	0	0	0	0	0	0	0	0	0	0	0	
DAYS	0	0	0	0	0	0	0	0	0	0	0	0	0
WATER	0	0	0	0	0	0	0	0	0	0	0	0	0
OIL	0	0	0	0	0	0	0	0	0	0	0	0	0
GAS	5,457	17,298	19,078	17,813	17,365	16,691	13,906	16,353	14,982	15,421	14,030	13,891	182,285
CUMO	0	0	0	0	0	0	0	0	0	0	0	0	0
CUMG	2,551,759	2,569,057	2,588,135	2,605,948	2,623,313	2,640,004	2,653,910	2,670,263	2,685,245	2,700,666	2,714,696	2,728,587	2,728,587
****** 1976 ******													
FLOW	1	1	1	1	1	1	1	1	1	1	1	1	
LIFT	0	0	0	0	0	0	0	0	0	0	0	0	
DAYS	0	0	0	0	0	0	0	0	0	0	0	0	0
WATER	0	0	0	0	0	0	0	0	0	0	0	0	0
OIL	0	0	0	0	0	0	0	0	0	0	0	0	0
GAS	12,680	11,547	11,982	9,509	10,179	9,532	7,438	10,195	9,228	10,055	10,053	9,798	122,996
CUMO	0	0	0	0	0	0	0	0	0	0	0	0	0
CUMG	2,741,267	2,752,814	2,764,796	2,774,305	2,784,484	2,794,016	2,801,454	2,811,649	2,820,877	2,831,732	2,841,785	2,851,583	2,851,583
****** 1977 ******													
FLOW	1	1	1	1	1	1	1	1	1	1	1	1	
LIFT	0	0	0	0	0	0	0	0	0	0	0	0	
DAYS	0	0	0	0	0	0	0	0	0	0	0	0	0
WATER	0	0	0	0	0	0	0	0	0	0	0	0	0
OIL	0	0	0	0	0	0	0	0	0	0	0	0	0
GAS	8,500	6,965	8,430	7,720	8,542	7,524	5,777	8,409	7,240	5,934	6,158	5,239	86,518
CUMO	0	0	0	0	0	0	0	0	0	0	0	0	0
CUMG	2,860,083	2,867,048	2,875,478	2,883,198	2,891,740	2,899,264	2,905,041	2,913,530	2,920,770	2,926,704	2,932,862	2,938,101	2,938,101

USER/US - /
MENU/OPTION - /
PROC/LIBRARY - /
PROGRAM - IMRG105

	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
******	1978 ******												
FLOW	1	1	1	1	1	1	1	1	1	1	1	1	
LIFT	0	0	0	0	0	0	0	0	0	0	0	0	
DAYS	0	0	0	0	0	0	0	0	0	0	0	0	
WATER	0	0	0	0	0	0	0	0	0	0	0	0	0
OIL	0	0	0	0	0	0	0	0	0	0	0	0	0
GAS	10,020	9,756	9,916	5,908	5,650	5,311	8,700	8,594	6,870	5,956	5,375	5,246	87,302
CUMO	0	0	0	0	0	0	0	0	0	0	0	0	0
CUMG	2,948,121	2,957,877	2,967,793	2,973,701	2,979,351	2,984,662	2,993,362	3,001,956	3,008,826	3,014,782	3,020,157	3,025,403	3,025,403
******	1979 ******												
FLOW	1	1	1	1	1	1	0	1	1	1	1	1	
LIFT	0	0	0	0	0	0	0	0	0	0	0	0	
DAYS	0	0	0	0	0	0	0	0	0	0	0	0	
WATER	0	0	0	0	0	0	0	0	0	0	0	0	0
OIL	0	0	0	0	0	0	0	0	0	0	0	0	0
GAS	6,052	6,084	6,212	5,770	5,546	5,003	0	5,755	4,610	4,205	3,238	5,222	57,697
CUMO	0	0	0	0	0	0	0	0	0	0	0	0	0
CUMG	3,031,455	3,037,539	3,043,751	3,049,521	3,055,067	3,060,070	3,060,070	3,065,825	3,070,435	3,074,640	3,077,878	3,083,100	3,083,100
******	1980 ******												
FLOW	1	1	1	1	1	1	1	1	1	1	1	1	
LIFT	0	0	0	0	0	0	0	0	0	0	0	0	
DAYS	0	0	0	0	0	0	0	0	0	0	0	0	
WATER	0	0	0	0	0	0	0	0	0	0	0	0	0
OIL	0	0	0	0	0	0	0	0	0	0	0	0	0
GAS	4,729	4,749	4,821	4,157	1,124	4,778	4,395	4,357	4,176	4,581	3,937	4,127	49,931
CUMO	0	0	0	0	0	0	0	0	0	0	0	0	0
CUMG	3,087,829	3,092,578	3,097,399	3,101,556	3,102,680	3,107,458	3,111,853	3,116,210	3,120,386	3,124,967	3,128,904	3,133,031	3,133,031
******	1981 ******												
FLOW	1	1	1	1	1	1	0	0	1	0	1	1	
LIFT	0	0	0	0	0	0	0	0	0	0	0	0	
DAYS	0	0	0	0	0	0	0	0	0	0	0	0	
WATER	0	0	0	0	0	0	0	0	0	0	0	0	0
OIL	0	0	0	0	0	0	0	0	0	0	0	0	0
GAS	3,958	3,267	3,353	3,271	3,400	1,593	0	0	2,843	0	2,652	2,632	26,969
CUMO	0	0	0	0	0	0	0	0	0	0	0	0	0
CUMG	3,136,989	3,140,256	3,143,609	3,146,880	3,150,280	3,151,873	3,151,873	3,151,873	3,154,716	3,154,716	3,157,368	3,160,000	3,160,000
******	1982 ******												
FLOW	1	1	1	1	1	1	1	1	1	1	1	1	
LIFT	0	0	0	0	0	0	0	0	0	0	0	0	
DAYS	31	28	31	27	31	6	26	31	30	31	30	27	329
WATER	0	0	0	0	0	0	0	0	0	0	0	0	0
OIL	0	0	0	0	0	0	0	0	0	0	0	0	0
GAS	2,490	1,980	2,154	1,966	2,237	432	2,348	2,201	1,940	1,981	1,670	1,702	23,101
CUMO	0	0	0	0	0	0	0	0	0	0	0	0	0
CUMG	3,162,490	3,164,470	3,166,624	3,168,590	3,170,027	3,171,259	3,173,607	3,175,808	3,177,748	3,179,729	3,181,399	3,183,101	3,183,101
******	1983 ******												
FLOW	1	1	1	1	1	1	1	1	1	1	1	1	
LIFT	0	0	0	0	0	0	0	0	0	0	0	0	
DAYS	31	28	31	30	31	23	14	31	30	31	30	31	341
WATER	0	0	0	0	0	0	0	0	0	0	0	0	0
OIL	0	0	0	0	0	0	0	0	0	0	0	0	0
GAS	1,814	1,676	1,844	1,715	1,741	1,384	1,376	1,790	1,629	1,644	1,571	1,700	19,084
CUMO	0	0	0	0	0	0	0	0	0	0	0	0	0
CUMG	3,184,915	3,186,591	3,188,435	3,190,150	3,191,891	3,193,275	3,194,651	3,196,441	3,198,070	3,199,714	3,201,285	3,202,985	3,202,985
******	1984 ******												
FLOW	1	1	1	1	1	1	1	1	1	1	1	1	
LIFT	0	0	0	0	0	0	0	0	0	0	0	0	
DAYS	31	29	31	30	13	1	22	31	30	31	30	31	310
WATER	0	0	0	0	0	0	0	0	0	0	0	0	0
OIL	0	0	0	0	0	0	0	0	0	0	0	0	0
GAS	1,786	1,658	1,822	1,753	684	10	2,154	2,297	1,744	1,512	1,516	1,532	18,460
CUMO	0	0	0	0	0	0	0	0	0	0	0	0	0
CUMG	3,204,771	3,206,429	3,208,251	3,210,004	3,210,688	3,210,698	3,212,852	3,215,149	3,216,893	3,218,405	3,219,921	3,221,453	3,221,453
******	1985 ******												
FLOW	1	1	1	1	1	1	1	1	1	1	1	1	
LIFT	0	0	0	0	0	0	0	0	0	0	0	0	
DAYS	31	28	20	5	3	14	31	25	0	0	0	0	157
WATER	0	0	0	0	0	0	0	0	0	0	0	0	0
OIL	0	0	0	0	0	0	0	0	0	0	0	0	0
GAS	1,486	1,332	1,014	567	331	1,609	2,247	1,315	0	1,595	1,437	1,636	14,569
CUMO	0	0	0	0	0	0	0	0	0	0	0	0	0
CUMG	3,222,939	3,224,271	3,225,285	3,225,852	3,226,183	3,227,792	3,230,039	3,231,354	3,231,354	3,232,949	3,234,386	3,236,022	3,236,022

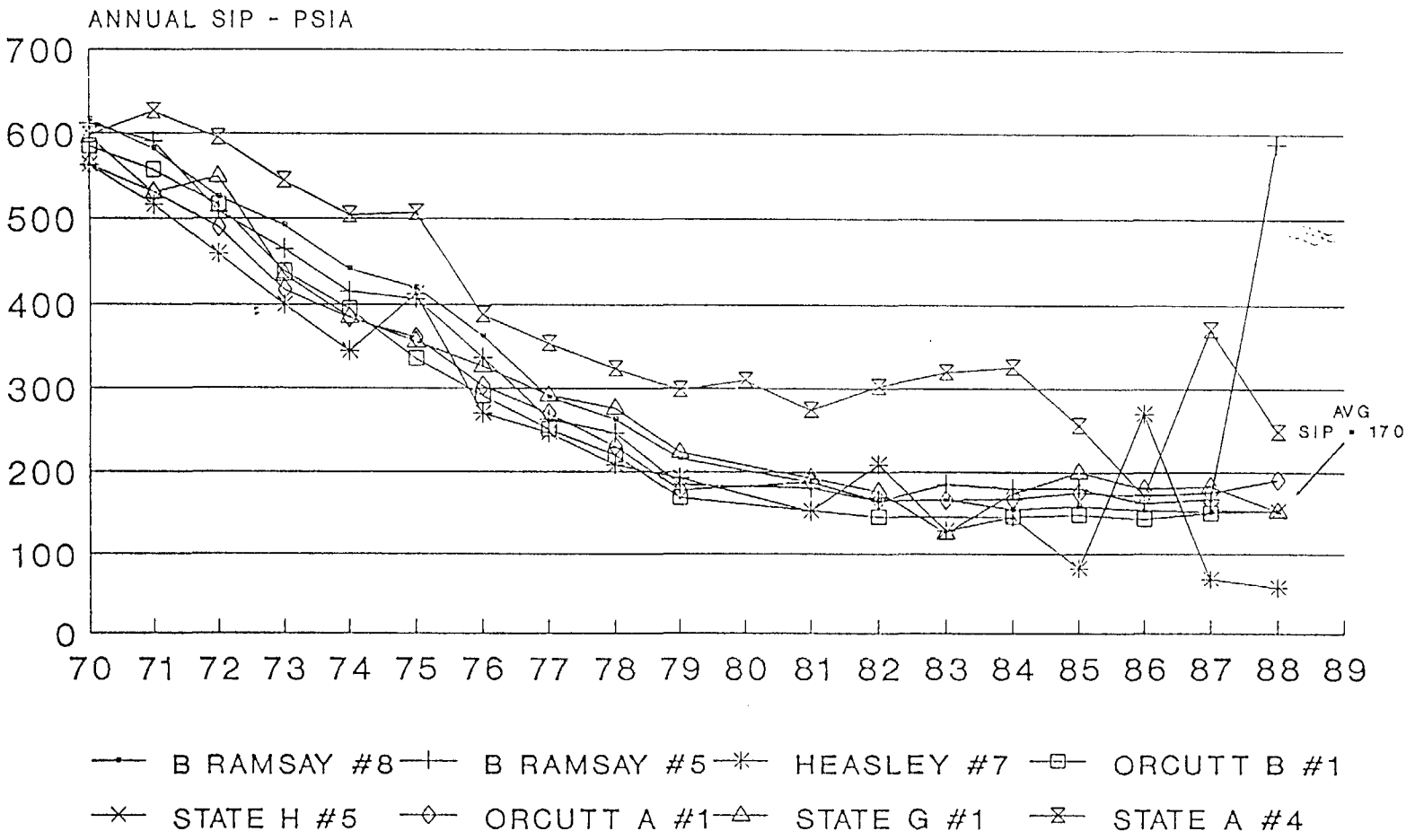
TITLE -
USER/WS - /
MENU/OPTION - /
PROC/LIBRARY - /
PROGRAM - IWRG105

	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
******	1986 ******												
FLOW	1	1	1	1	1	1	1	1	1	1	1	1	
LIFT	0	0	0	0	0	0	0	0	0	0	0	0	
DAYS	31	28	28	29	17	15	31	31	30	31	30	31	332
WATER	0	0	0	0	0	0	0	0	0	0	0	0	0
OIL	0	0	0	0	0	0	0	0	0	0	0	0	0
GAS	1,629	1,417	1,492	1,459	885	1,482	1,597	1,452	1,117	1,329	1,331	1,190	16,380
CUMO	0	0	0	0	0	0	0	0	0	0	0	0	0
CUMG	3,237,651	3,239,068	3,240,560	3,242,019	3,242,904	3,244,386	3,245,983	3,247,435	3,248,552	3,249,881	3,251,212	3,252,402	3,252,402
******	1987 ******												
FLOW	1	1	1	1	1	1	1	1	1	1	1	1	
LIFT	0	0	0	0	0	0	0	0	0	0	0	0	
DAYS	31	28	31	30	10	23	0	31	30	31	30	31	306
WATER	0	0	0	0	0	0	0	0	0	0	0	0	0
OIL	0	0	0	0	0	0	0	0	0	0	0	0	0
GAS	1,381	1,381	1,465	1,449	546	1,818	1,769	1,398	1,256	1,273	1,306	1,181	16,225
CUMO	0	0	0	0	0	0	0	0	0	0	0	0	0
CUMG	3,253,763	3,255,164	3,256,629	3,258,078	3,258,624	3,260,442	3,262,211	3,263,609	3,264,867	3,266,140	3,267,446	3,268,627	3,268,627
******	1988 ******												
FLOW	1	1	1	1	1	1	1	1	1	1	1	1	
LIFT	0	0	0	0	0	0	0	0	0	0	0	0	
DAYS	31	29	31	30	15	16	31	31	30	29	30	31	334
WATER	0	0	0	0	0	0	0	0	0	0	0	0	0
OIL	0	0	0	0	0	0	0	0	0	0	0	0	0
GAS	1,223	1,305	1,490	1,405	598	1,376	1,585	1,265	1,063	1,175	1,273	1,021	14,819
CUMO	0	0	0	0	0	0	0	0	0	0	0	0	0
CUMG	3,269,850	3,271,155	3,272,645	3,274,050	3,274,648	3,276,044	3,277,629	3,278,894	3,279,977	3,281,152	3,282,425	3,283,446	3,283,446
******	1989 ******												
FLOW	1	1	1	1	0	0	0	0	0	0	0	0	
LIFT	0	0	0	0	0	0	0	0	0	0	0	0	
DAYS	31	28	31	30	0	0	0	0	0	0	0	0	120
WATER	0	0	0	0	0	0	0	0	0	0	0	0	0
OIL	0	0	0	0	0	0	0	0	0	0	0	0	0
GAS	831	1,034	1,464	1,173	0	0	0	0	0	0	0	0	4,502
CUMO	0	0	0	0	0	0	0	0	0	0	0	0	0
CUMG	3,204,277	3,285,311	3,286,775	3,287,948	3,287,948	3,287,948	3,287,948	3,287,948	3,287,948	3,287,948	3,287,948	3,287,948	3,287,948

TEST	56/08/01	924-SURF_PSIA	1,012 C-BH_PSIA	4,940 1-POTENTIAL	.860-Z_FACTOR	0 -R/O_WAT	0-R/O_COND	0-W/H_PRESS_FLOW
TEST	70/07/23	563-SURF_PSIA	613 C-BH_PSIA	0 -POTENTIAL	.911-Z_FACTOR	0 -R/O_WAT	0-R/O_COND	0-W/H_PRESS_FLOW
TEST	71/05/04	531-SURF_PSIA	578 C-BH_PSIA	0 -POTENTIAL	.916-Z_FACTOR	0 -R/O_WAT	0-R/O_COND	0-W/H_PRESS_FLOW
TEST	72/06/16	490-SURF_PSIA	533 C-BH_PSIA	0 -POTENTIAL	.922-Z_FACTOR	0 -R/O_WAT	0-R/O_COND	0-W/H_PRESS_FLOW
TEST	73/07/30	417-SURF_PSIA	453 C-BH_PSIA	0 -POTENTIAL	.933-Z_FACTOR	0 -R/O_WAT	0-R/O_COND	0-W/H_PRESS_FLOW
TEST	74/02/28	384-SURF_PSIA	417 C-BH_PSIA	0 -POTENTIAL	.930-Z_FACTOR	0 -R/O_WAT	0-R/O_COND	0-W/H_PRESS_FLOW
TEST	75/01/13	361-SURF_PSIA	392 C-BH_PSIA	0 -POTENTIAL	.942-Z_FACTOR	0 -R/O_WAT	0-R/O_COND	0-W/H_PRESS_FLOW
TEST	76/04/30	303-SURF_PSIA	329 C-BH_PSIA	0 -POTENTIAL	.951-Z_FACTOR	0 -R/O_WAT	0-R/O_COND	0-W/H_PRESS_FLOW
TEST	77/03/03	270-SURF_PSIA	293 C-BH_PSIA	0 -POTENTIAL	.956-Z_FACTOR	0 -R/O_WAT	0-R/O_COND	0-W/H_PRESS_FLOW
TEST	78/01/30	231-SURF_PSIA	250 C-BH_PSIA	0 -POTENTIAL	.962-Z_FACTOR	0 -R/O_WAT	0-R/O_COND	0-W/H_PRESS_FLOW
TEST	79/06/01	178-SURF_PSIA	193 C-BH_PSIA	0 -POTENTIAL	.971-Z_FACTOR	0 -R/O_WAT	0-R/O_COND	0-W/H_PRESS_FLOW
TEST	81/04/10	188-SURF_PSIA	204 C-BH_PSIA	0 -POTENTIAL	.969-Z_FACTOR	0 -R/O_WAT	0-R/O_COND	0-W/H_PRESS_FLOW
TEST	82/04/22	166-SURF_PSIA	180 C-BH_PSIA	0 -POTENTIAL	.973-Z_FACTOR	0 -R/O_WAT	0-R/O_COND	0-W/H_PRESS_FLOW
TEST	83/06/13	166-SURF_PSIA	180 C-BH_PSIA	0 -POTENTIAL	.973-Z_FACTOR	0 -R/O_WAT	0-R/O_COND	0-W/H_PRESS_FLOW
TEST	84/05/17	168-SURF_PSIA	182 C-BH_PSIA	0 -POTENTIAL	.972-Z_FACTOR	0 -R/O_WAT	0-R/O_COND	0-W/H_PRESS_FLOW
TEST	85/03/24	175-SURF_PSIA	190 C-BH_PSIA	0 -POTENTIAL	.971-Z_FACTOR	0 -R/O_WAT	0-R/O_COND	0-W/H_PRESS_FLOW
TEST	86/05/22	172-SURF_PSIA	186 C-BH_PSIA	0 -POTENTIAL	.972-Z_FACTOR	0 -R/O_WAT	0-R/O_COND	0-W/H_PRESS_FLOW
TEST	87/05/19	175-SURF_PSIA	190 C-BH_PSIA	0 -POTENTIAL	.971-Z_FACTOR	0 -R/O_WAT	0-R/O_COND	0-W/H_PRESS_FLOW
TEST	88/05/20	191-SURF_PSIA	207 C-BH_PSIA	0 -POTENTIAL	.969-Z_FACTOR	0 -R/O_WAT	0-R/O_COND	0-W/H_PRESS_FLOW

OPERATOR--PROJECT--LEASE	WELL	U L	S	T	R	VOLUMES INJECTED	CUML. INJECTED	AVG-INJ. PRESS
EUNICE MONUMENT SOUTH UNIT	207	L	3	21S	36E	4539	168216	694
EUNICE MONUMENT SOUTH UNIT	209	J	4	21S	36E	22009	603492	VAC.
EUNICE MONUMENT SOUTH UNIT	211	L	4	21S	36E	13076	587616	69
EUNICE MONUMENT SOUTH UNIT	213	J	5	21S	36E	16876	547796	68
EUNICE MONUMENT SOUTH UNIT	215	L	5	21S	36E	12932	533981	630
EUNICE MONUMENT SOUTH UNIT	217	J	6	21S	36E	20611	429181	33
EUNICE MONUMENT SOUTH UNIT	221	N	6	21S	36E	21227	301236	VAC.
EUNICE MONUMENT SOUTH UNIT	223	P	6	21S	36E	8839	354200	515
EUNICE MONUMENT SOUTH UNIT	225	N	5	21S	36E	9087	484225	604
EUNICE MONUMENT SOUTH UNIT	227	P	5	21S	36E	25677	645572	283
EUNICE MONUMENT SOUTH UNIT	229	N	4	21S	36E	14339	528359	524
EUNICE MONUMENT SOUTH UNIT	231	P	4	21S	36E	13295	491516	611
EUNICE MONUMENT SOUTH UNIT	237	I	3	21S	36E	7117	175842	687
EUNICE MONUMENT SOUTH UNIT	239	R	4	21S	36E	21996	578482	1
EUNICE MONUMENT SOUTH UNIT	241	T	4	21S	36E	18342	617927	21
EUNICE MONUMENT SOUTH UNIT	243	R	5	21S	36E	14372	597708	662
EUNICE MONUMENT SOUTH UNIT	247	R	6	21S	36E	25743	429332	600
EUNICE MONUMENT SOUTH UNIT	253	X	6	21S	36E	22014	151785	VAC.
EUNICE MONUMENT SOUTH UNIT	255	V	5	21S	36E	14698	557863	655
EUNICE MONUMENT SOUTH UNIT	257	X	5	21S	36E	13212	573502	24
EUNICE MONUMENT SOUTH UNIT	259	V	4	21S	36E	25783	642614	543
EUNICE MONUMENT SOUTH UNIT	261	X	4	21S	36E	21569	591706	583
EUNICE MONUMENT SOUTH UNIT	263	V	3	21S	36E	15223	563089	VAC.
EUNICE MONUMENT SOUTH UNIT	271	B	11	21S	36E	19725	565792	454
EUNICE MONUMENT SOUTH UNIT	273	D	11	21S	36E	22847	546446	675
EUNICE MONUMENT SOUTH UNIT	275	B	10	21S	36E	17603	570502	279
EUNICE MONUMENT SOUTH UNIT	277	D	10	21S	36E	19928	581517	21
EUNICE MONUMENT SOUTH UNIT	279	B	9	21S	36E	16718	584874	549
EUNICE MONUMENT SOUTH UNIT	281	D	9	21S	36E	21612	1067832	675
EUNICE MONUMENT SOUTH UNIT	283	B	8	21S	36E	20645	624526	650
EUNICE MONUMENT SOUTH UNIT	285	D	8	21S	36E	26412	603966	23
EUNICE MONUMENT SOUTH UNIT	287	B	7	21S	36E	28334	463760	37
EUNICE MONUMENT SOUTH UNIT	291	F	7	21S	36E	21968	359475	475
EUNICE MONUMENT SOUTH UNIT	293	H	7	21S	36E	22042	399486	747
EUNICE MONUMENT SOUTH UNIT	295	F	8	21S	36E	20210	586982	347
EUNICE MONUMENT SOUTH UNIT	297	H	8	21S	36E	21435	611021	23
EUNICE MONUMENT SOUTH UNIT	299	F	9	21S	36E	20265	563026	36
EUNICE MONUMENT SOUTH UNIT	301	H	9	21S	36E	19793	606813	53
EUNICE MONUMENT SOUTH UNIT	303	F	10	21S	36E	28582	624780	220
EUNICE MONUMENT SOUTH UNIT	305	H	10	21S	36E	15539	551226	VAC.
EUNICE MONUMENT SOUTH UNIT	307	F	11	21S	36E	16117	561626	660
EUNICE MONUMENT SOUTH UNIT	312	J	11	21S	36E	11622	410222	696
EUNICE MONUMENT SOUTH UNIT	314	L	11	21S	36E	26417	486857	30
EUNICE MONUMENT SOUTH UNIT	316	J	10	21S	36E	17630	479574	VAC.
EUNICE MONUMENT SOUTH UNIT	318	L	10	21S	36E	28389	454294	21
EUNICE MONUMENT SOUTH UNIT	320	J	9	21S	36E	15393	586838	350
EUNICE MONUMENT SOUTH UNIT	322	L	9	21S	36E	19804	599864	29
EUNICE MONUMENT SOUTH UNIT	324	J	8	21S	36E	15384	589650	191
EUNICE MONUMENT SOUTH UNIT	326	L	8	21S	36E	21848	591680	461
EUNICE MONUMENT SOUTH UNIT	328	L	7	21S	36E	15393	461508	619
EUNICE MONUMENT SOUTH UNIT	333	N	7	21S	36E	22009	396996	VAC.
EUNICE MONUMENT SOUTH UNIT	334	P	7	21S	36E	21957	351148	21
EUNICE MONUMENT SOUTH UNIT	336	N	8	21S	36E	19430	602970	272
EUNICE MONUMENT SOUTH UNIT	338	P	8	21S	36E	24162	555819	32
EUNICE MONUMENT SOUTH UNIT	340	N	9	21S	36E	19836	584993	230
EUNICE MONUMENT SOUTH UNIT	342	P	9	21S	36E	19871	580886	134
EUNICE MONUMENT SOUTH UNIT	344	N	10	21S	36E	27377	563263	VAC.
EUNICE MONUMENT SOUTH UNIT	346	P	10	21S	36E	26406	451151	VAC.

COMPOSITE PRESSURE-TIME PLOT
EUMONT GAS POOL: SEC 4 & 5 T-21-S, R-36-E



RAMP81

X Data	B RAMSAY #8	B RAMSAY #5	HEASLEY #7	ORCUTT B #1
70	617	612	562	585
71	582	591	516	557
72	525	508	459	516
73	492	465	400	439
74	442	415	345	395
75	420	407	412	336
76	363	337	270	291
77	290	263	247	251
78	263	247	208	220
79	216	185	193	169
80				
81	188	181	153	
82	165	165	209	146
83	167	185	129	
84	155	180	146	146
85	159	180	82	149
86	154	163	270	144
87	152	168	69	151
88	153	588	58	
89				

X Data	STATE H #5	ORCUTT A #1	STATE G #1	STATE A #4
70		563	596	598
71		531	530	627
72		490	549	595
73		417	435	544
74		384	385	504
75		361	356	507
76		303	327	388
77		270	292	354
78		231	276	324
79		178	224	299
80				310
81		188	193	274
82		166	177	302
83		166	126	320
84		168	174	326
85		175	200	256
86		172	180	172
87	155	175	183	371
88	153	191	153	248
89				

COMPANY Doyle Hartman

WELL Jack "A-20" No. 11

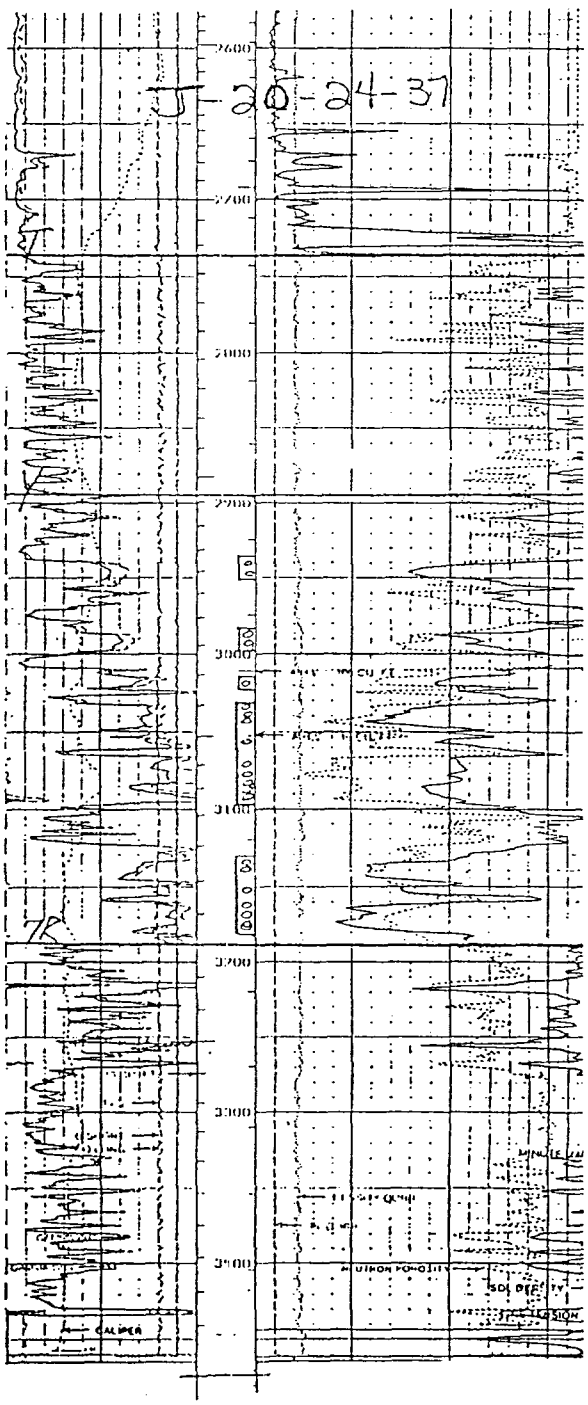
FIELD Jalmat (gas)

LOCATION 2180' FSL & 1980' FEL (J)
Section 20, T-24-S, R-37-E

COUNTY Lea

STATE New Mexico

ELEVATIONS: KB 3281.5'
DF
GL 3265.5'



COMPLETION RECORD

SPUD DATE 10-24-89 COMP. DATE

TD 3472 PBTD

CASING RECORD 9 5/8 @ 467 w/350
7 @ 3469 w/630

PERFORATING RECORD Perf: 2943 - 3178

STIMULATION A/6500
SWF/238,000 + 516,000

IP

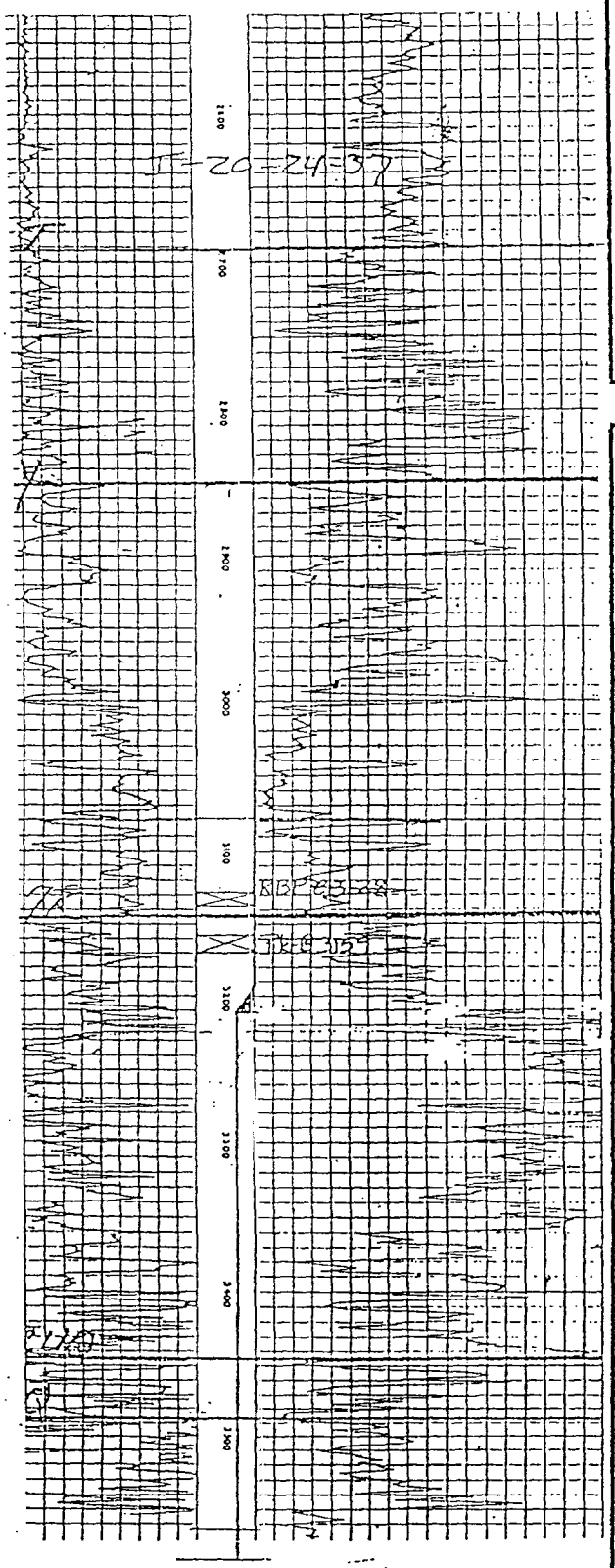
GOR GR

TP CP

CHOKE TUBING @

REMARKS 11-13-89: Well test
499 MCFPD + 179 BWPD on a
38/64" Choke. FCP = 51 PSIG.

T-20-24S-37E



COMPANY Santa Fe Exploration Co. (formerly Conoco [NMFUJ)

WELL Langlie Jack Unit No. 12 (Jack A-20 No. 1)

FIELD Langlie Mattix

LOCATION 1980 FSL & 660 FEL (I) Section 20, T-24-S, R-37-E

COUNTY Lea

STATE New Mexico

ELEVATIONS: KB

DF

GL 3261

COMPLETION RECORD

SPUD DATE 1-19-38 COMP. DATE 3-16-38

TD 3585 PBTD

CASING RECORD 10 3/4 @ 220 w/225
7 5/8 @ 1187 w/425
5 1/2 @ 3210 w/425

PERFORATING RECORD Oil: 3210-3585

STIMULATION

IP IPF = 140 BOPD + 1140 MCFPD

GOR GR

TP CP

CHOKE TUBING @

REMARKS 10-8-68: CO to 3585. Pkr @ 3159. Converted to wtr injection.

9-20-85: RBP @ 3128. Shut in

Last Inj.: 6-84

Wtr Inj. Cum: 4,108 MBW

I-20-24-37

Chevron U.S.A. Inc.
P.O. Box 670, Hobbs, NM 88240

R. C. Anderson
Division Manager
Production Department
Hobbs Division

November 30, 1989

PURCHASE OFFER
H. T. ORCUTT 'A' No. 1
SECTION 5, T-21-S, R-36-E
LEA COUNTY, NEW MEXICO
(160-ACRE EUMONT P.U.)

Doyle Hartman
Oil Operator
P. O. BOx 10426
Midland, Texas 79702

Dear Mr. Hartman:

In reference to your proposal dated November 14, 1989, Chevron appreciates your interest in purchasing the subject well and associated oil and gas rights. However, we are not interested in selling at this time.

Thank you for your consideration.

Very truly yours,

R. C. Anderson

TAE/jr 11309/03

DEC 4 1989