

ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION



March 17, 1987

GARREY CARRUTHERS
GOVERNOR

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 827-5800

Gulf Oil Corporation
c/o Chevron U.S.A. Inc.
P.O. Box 7309
San Francisco, California 94120-7309

Attention: Albert G. Garcia
Regulatory Assistant - NGPA

Re: Administrative Order NFL-158

Dear Mr. Garcia:

Reference is made to your application for an Infill Well Finding and Well-Spacing Waiver made pursuant to Section 271.305(b) of the Federal Energy Regulatory Commission regulations, Natural Gas Policy Act of 1978, and Oil Conservation Division Order No. R-6013 for the following described well:

B.V. Culp (NCT-A) Well No. 9 located 2040 feet from the South line and 1980 feet from the East line (Unit J) of Section 19, Township 19 South, Range 37 East, NMPM, Lea County, New Mexico.

THE DIVISION FINDS THAT:

(1) Section 271.305(b) of the Federal Energy Regulatory Commission Interim Regulations promulgated pursuant to the Natural Gas Policy Act of 1978 provides that, in order for an infill well to qualify as a new onshore production well under Section 103 of said Act, the Division must find, prior to the commencement of drilling, that the well is necessary to effectively and efficiently drain a portion of the reservoir covered by the proration unit which cannot be so drained by any existing well within that unit, and must grant a waiver of existing well-spacing requirements.

(2) By Division Order No. R-6013, dated June 7, 1979, the Division established an administrative procedure whereby the Division Director and the Division Examiners are empowered to act for the Division and find that an infill well is necessary.

(3) The well for which a finding is sought is to be completed in the Eumont Gas Pool, and the standard spacing unit in said pool is 640 acres.

(4) A 477-acre, more or less, non-standard gas proration unit comprising the N/2 and SE/4 of Section 19, Township 19 South, Range 37 East, is currently dedicated to the B.V. Culp (NCT-A) Well No. 3 located in Unit F of said Section 19.

(5) Said nonstandard unit was previously approved by Division Order No. R-1487, dated September 14, 1959.

(6) Said unit is not being effectively and efficiently drained by the existing well on the unit.

(7) The drilling and completion of the well for which a finding is sought should result in the production of an additional 582,000 MCF of gas from the proration unit which would not otherwise be recovered.

(8) All the requirements of Division Order No. R-6013 have been complied with, and the well for which a finding is sought is necessary to effectively and efficiently drain a portion of the reservoir covered by said proration unit which cannot be so drained by any existing well within the unit.

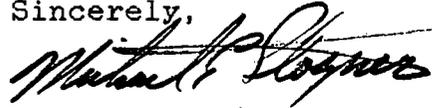
(9) In order to permit effective and efficient drainage of said proration unit, the subject application should be approved as an exception to the standard well spacing requirements for the pool.

IT IS THEREFORE ORDERED THAT:

(1) The applicant is hereby authorized to drill the B.V. Culp (NCT-A) Well No. 9, as described above, as an infill well on the existing 477-acre, more or less, non-standard gas proration unit (Division Order No. R-1487) comprising the N/2 and SE/4 of Section 19, Township 19 South, Range 37 East, NMPM, Eumont Gas Pool, Lea County, New Mexico. The authorization for infill drilling granted by this order is an exception to applicable well spacing requirements and is necessary to permit the drainage of a portion of the reservoir covered by said proration unit which cannot be effectively and efficiently drained by any existing well thereon.

(2) Jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

Sincerely,

A handwritten signature in black ink, appearing to read "Michael E. Stogner". The signature is written in a cursive style with a prominent horizontal line across the top.

Michael E. Stogner
Examiner

xc: N.M.O.C.D. - Hobbs



Chevron U.S.A. Inc.
575 Market Street, San Francisco, California
Mail Address: P.O. Box 7309, San Francisco, CA 94120-7309

NFLC 18

April 28, 1986

**Supplemental Information for
Determination of Well Category
NGPA Section 103
Field Name: Eumont Gas
Well Name: B. V. Culp (NCT-A) No. 9
API No.: 30-025-26663
Chevron U.S.A. Inc. "SG-2015R" Key: 61**

Department of Energy and Minerals
Oil Conservation Division
P. O. Box 2088
Santa Fe, NM 87501

Gentlemen:

As you requested, attached are the following information for this well:

1. This well will recover 0.582 BCF additional Eumont gas reserves. Attached is the decline curve used for this decision.
2. Letter and list of offset operators that were submitted in the original filing.

Please contact me at (415) 894-5726 if you have any questions regarding this.

To let us know you received this, please date-stamp the attached copy of this letter and return it in the enclosed postage-paid envelope.

Sincerely,

Albert G. Garcia
Regulatory Assistant - NGPA

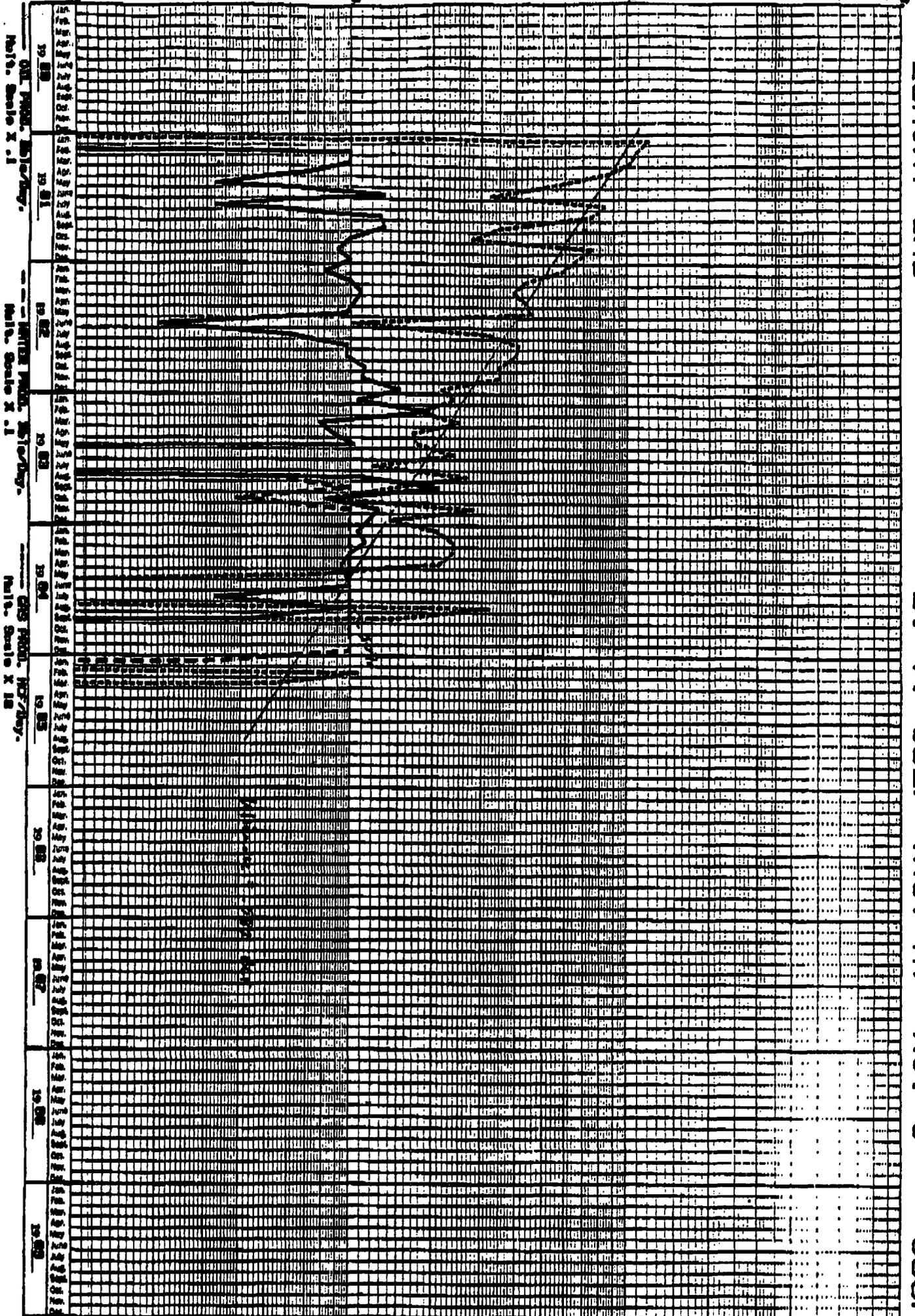
AGG:jbf
Attachments

cc: Mr. G. D. Greenwood, Houston

ELIUM I GHS

B. V. CULP (NCT-R) NO. 9

CUSA



19 01
ON PLOT, 10/1/74.
Rate. Scale X .1

19 02
ON PLOT, 10/1/74.
Rate. Scale X .1

19 03
ON PLOT, 10/1/74.
Rate. Scale X .1

19 04

19 05

19 06

19 07

19 08

Gulf Oil Exploration and Production Company

R. C. Anderson
PRODUCTION MANAGER, HOBBS AREA

August 14, 1980

P. O. Box 670
Hobbs, NM 88240

Mr. Joe D. Ramey
New Mexico Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87501

Dear Sir:

Gulf Oil Corporation requests your administrative approval for an amendment to Order No. 1487 for a 477 acre non-standard proration unit in the Eumont Gas pool, consisting of the N $\frac{1}{2}$ and SE $\frac{1}{4}$ of Section 19-T19S-R37E, Lea County, New Mexico. The proration unit is to be simultaneously dedicated to our B. V. Culp (NCT-A) #9, located 2040' FSL and 1980' FEL, Section 19-T19S-R37E, and the B. V. Culp (NCT-A) #3, located 1980' FNL and 1980' FWL, Section 19-T19S-R37E, which has previously been dedicated to the aforementioned 477 acre non-standard proration unit.

In support of this application the following facts are submitted:

- (1) There are no other wells producing from the Eumont Gas pool in this non-standard proration unit.
- (2) The attached plat shows the 477 acre unit and the two wells.
- (3) All offset operators have been furnished copies of this application by certified mail.

Your early consideration will be appreciated.

Yours very truly,

R. C. Anderson
R. C. ANDERSON

TSW/jr.

Attachment

cc: Offset Operators (attached)
Oil Conservation Commission - Hobbs
J. M. Thacker - Midland



Texaco, Inc.
P. O. Box 728
Hobbs, NM 88240

Amerada Hess Corp.
P. O. Box 2040
Tulsa, Oklahoma 74102

Shell Oil Co.
P. O. Box 991
Houston, Texas 77001

Continental Oil Company
P. O. Box 2197
Greenway Plaza
Houston, TX 77001

Phillips Petroleum Co.
Frank Phillips Bldg.
Bartlesville, OK 74003

Gatty Oil Co.
P. O. Box 1404
Houston, TX 77001

Gulf Oil Exploration and Production Company

R. C. Anderson
PRODUCTION MANAGER, HOBBS AREA

August 14, 1980

P. O. Box 670
Hobbs, NM 88240

Mr. Joe D. Ramey
New Mexico Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87501

Dear Sir:

Gulf Oil Corporation requests your administrative approval for an amendment to Order No. 1487 for a 477 acre non-standard proration unit in the Eumont Gas pool, consisting of the N $\frac{1}{2}$ and SE $\frac{1}{4}$ of Section 19-T19S-R37E, Lea County, New Mexico. The proration unit is to be simultaneously dedicated to our B. V. Culp (NCT-A) #9, located 2040' FSL and 1980' FEL, Section 19-T19S-R37E, and the B. V. Culp (NCT-A) #3, located 1980' FNL and 1980' FWL, Section 19-T19S-R37E, which has previously been dedicated to the aforementioned 477 acre non-standard proration unit.

In support of this application the following facts are submitted:

- (1) There are no other wells producing from the Eumont Gas pool in this non-standard proration unit.
- (2) The attached plat shows the 477 acre unit and the two wells.
- (3) All offset operators have been furnished copies of this application by certified mail.

Your early consideration will be appreciated.

Yours very truly,


R. C. ANDERSON

TSW/jr

Attachment

cc: Offset Operators (attached)
Oil Conservation Commission - Hobbs
J. M. Thacker - Midland



A DIVISION OF GULF OIL CORPORATION

Gulf Oil Exploration and Production Company

R. C. Anderson
PRODUCTION MANAGER, HOBBS AREA

August 14, 1980

P. O. Box 670
Hobbs, NM 88240

Mr. Joe D. Ramey
New Mexico Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87501

Dear Sir:

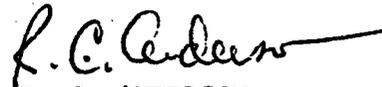
Gulf Oil Corporation requests your administrative approval for an amendment to Order No. 1487 for a 477 acre non-standard proration unit in the Eumont Gas pool, consisting of the N $\frac{1}{2}$ and SE $\frac{1}{2}$ of Section 19-T19S-R37E, Lea County, New Mexico. The proration unit is to be simultaneously dedicated to our B. V. Culp (NCT-A) #9, located 2040' FSL and 1980' FEL, Section 19-T19S-R37E, and the B. V. Culp (NCT-A) #3, located 1980' FNL and 1980' FWL, Section 19-T19S-R37E, which has previously been dedicated to the aforementioned 477 acre non-standard proration unit.

In support of this application the following facts are submitted:

- (1) There are no other wells producing from the Eumont Gas pool in this non-standard proration unit.
- (2) The attached plat shows the 477 acre unit and the two wells.
- (3) All offset operators have been furnished copies of this application by certified mail.

Your early consideration will be appreciated.

Yours very truly,


R. C. ANDERSON

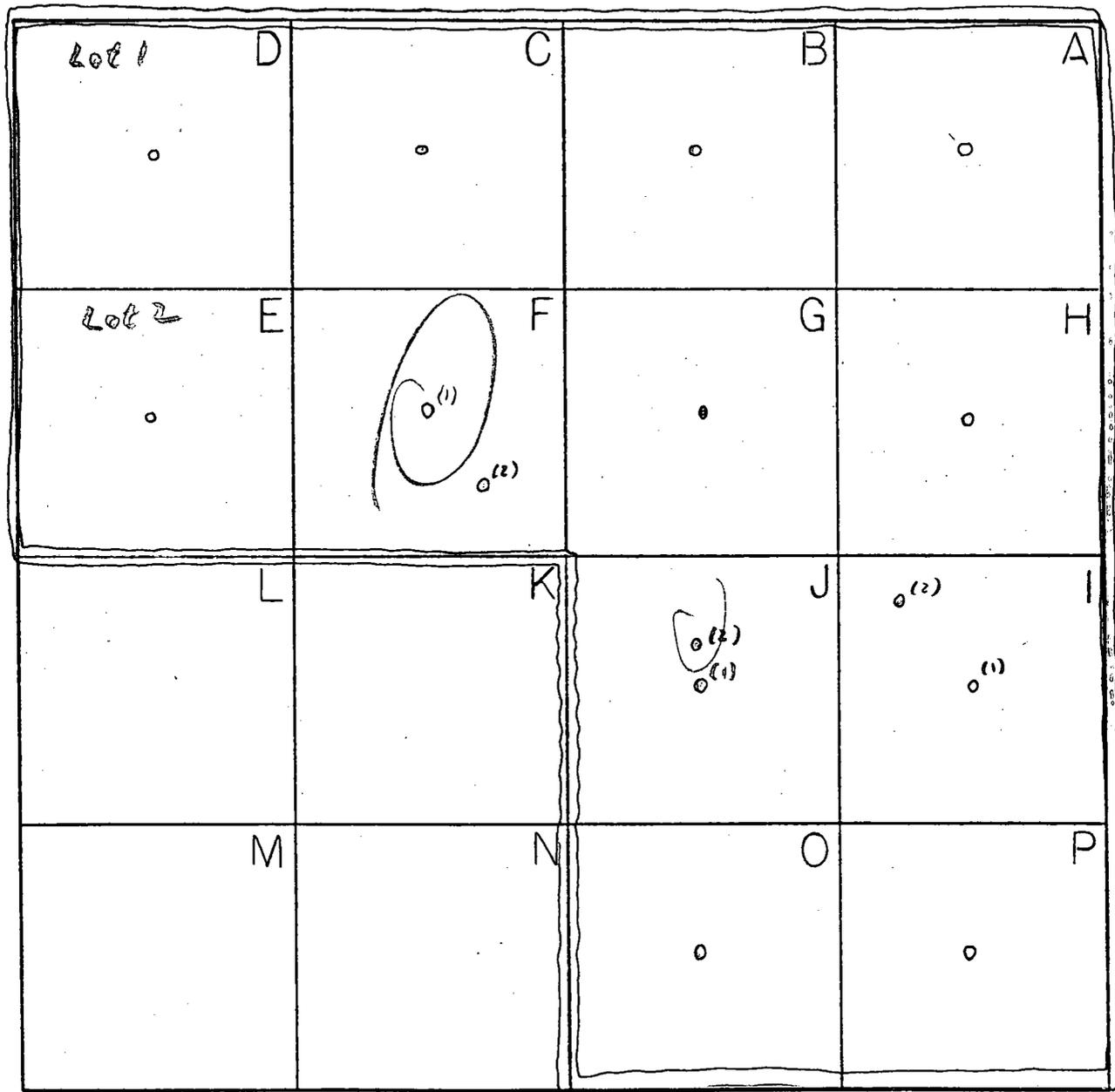
TSW/jr

Attachment

cc: Offset Operators (attached)
Oil Conservation Commission - Hobbs
J. M. Thacker - Midland



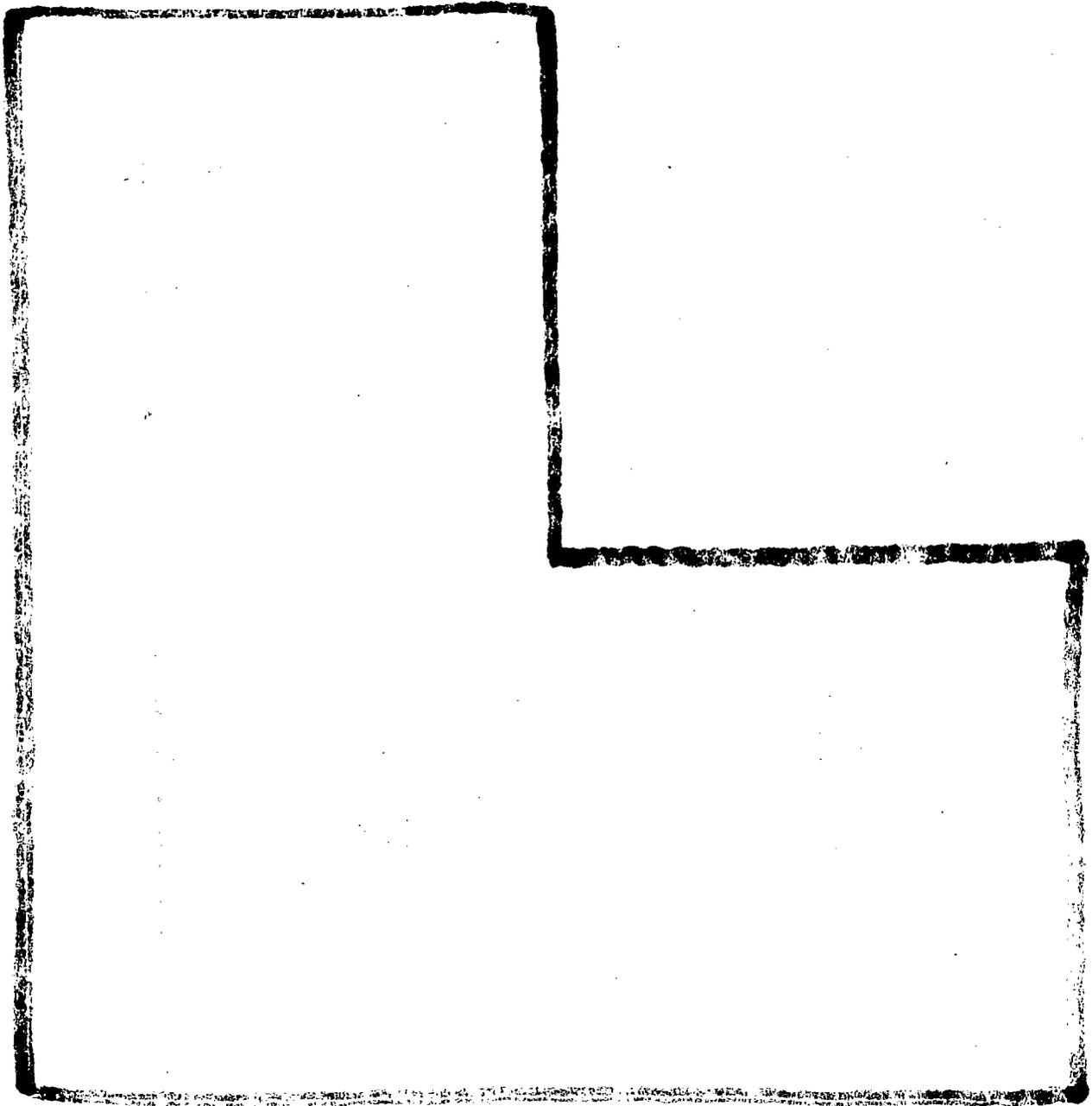
A DIVISION OF GULF OIL CORPORATION



SECTION 19

TOWNSHIP 19 SOUTH

RANGE 37 EAST



UNIT D

Phillips Petroleum Company
Culp Well No. 1
660' FNT 12L
Spud: 8-22-35
Event Management Completion

UNIT C

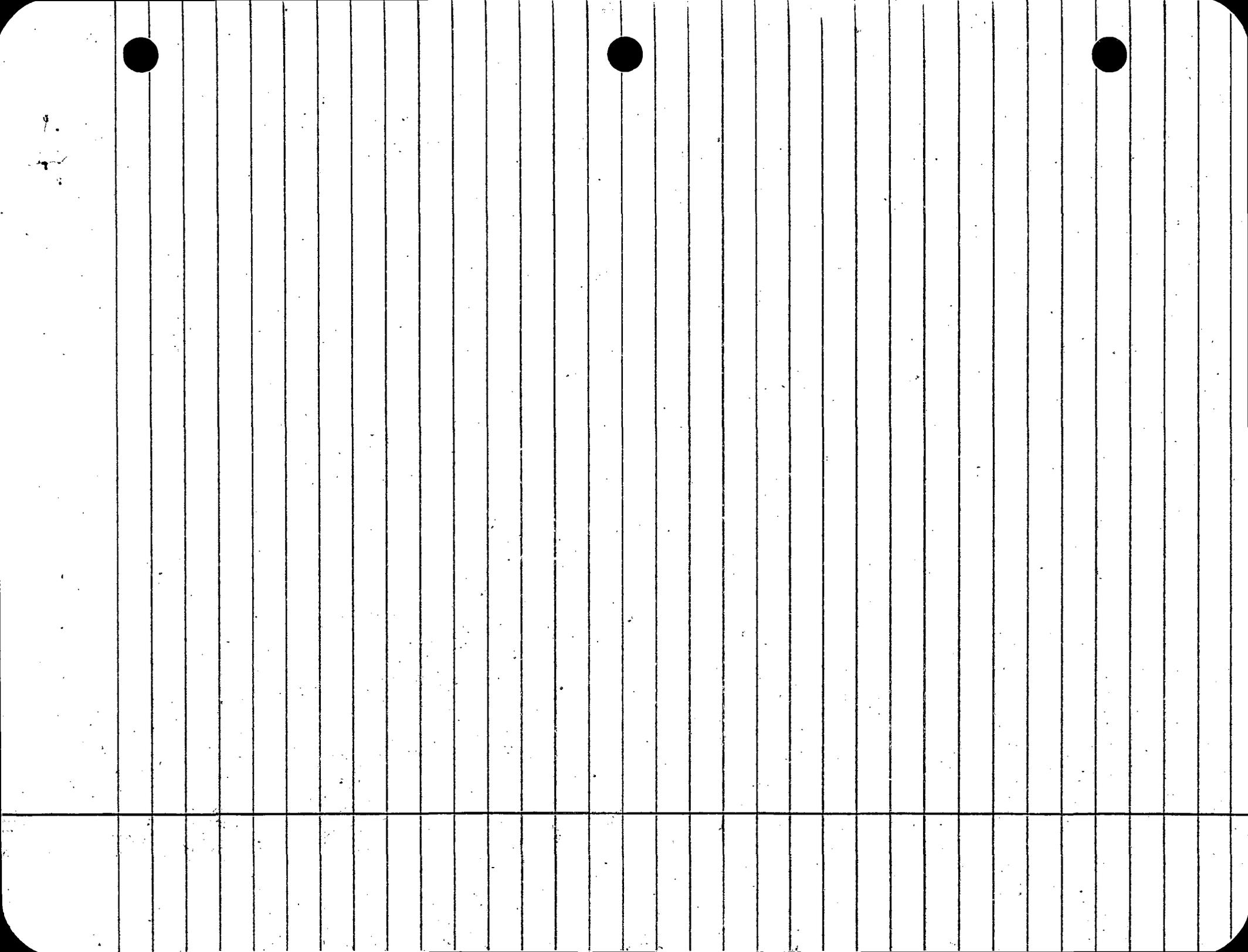
Chevron U.S.A. Inc.
B.V. Culp (UNIT-C) Well No. 1
660' FNT-1980' FNT
Spud: 8-19-35
Event Management Completion

UNIT B

Chevron U.S.A. Inc.
B.V. Culp (UNIT-B) Well No. 6
660' FNT-1980' FNT
Spud: 4-3-36
Event Management Completion

UNIT A

Chevron U.S.A. Inc.
B.V. Culp (UNIT-A) Well No. 7
660' FNT 1L
Spud: 4-12-36
Event Management Completion



UNIT E

Chevron U.S.A. Inc.

B.V. Culp (NET-A) Well No. 2

1980' FNL - 660' FNL

Spud: 10-7-35

Euvic Measurement Completion

UNIT F

(1) Chevron U.S.A. Inc.

B.V. Culp (NET-A) Well No. 3

1980' FNL WL

Spud: 1-6-36

Dually Completed Euvic Gas / Euvic Measurement

Cumulative Euvic Production as of 12/31/85:

Gas - 9265773 MCF

Oil - 0 Oil

(2) Chevron U.S.A. Inc.

B.V. Culp (NET-A) Well No. 8

2310' FNL - 2239' FNL

Spud: 10-28-59

Dry Hole in Euvic Zone

No Production Shows

Connected to a water supply well Dec. 1964

Unit G

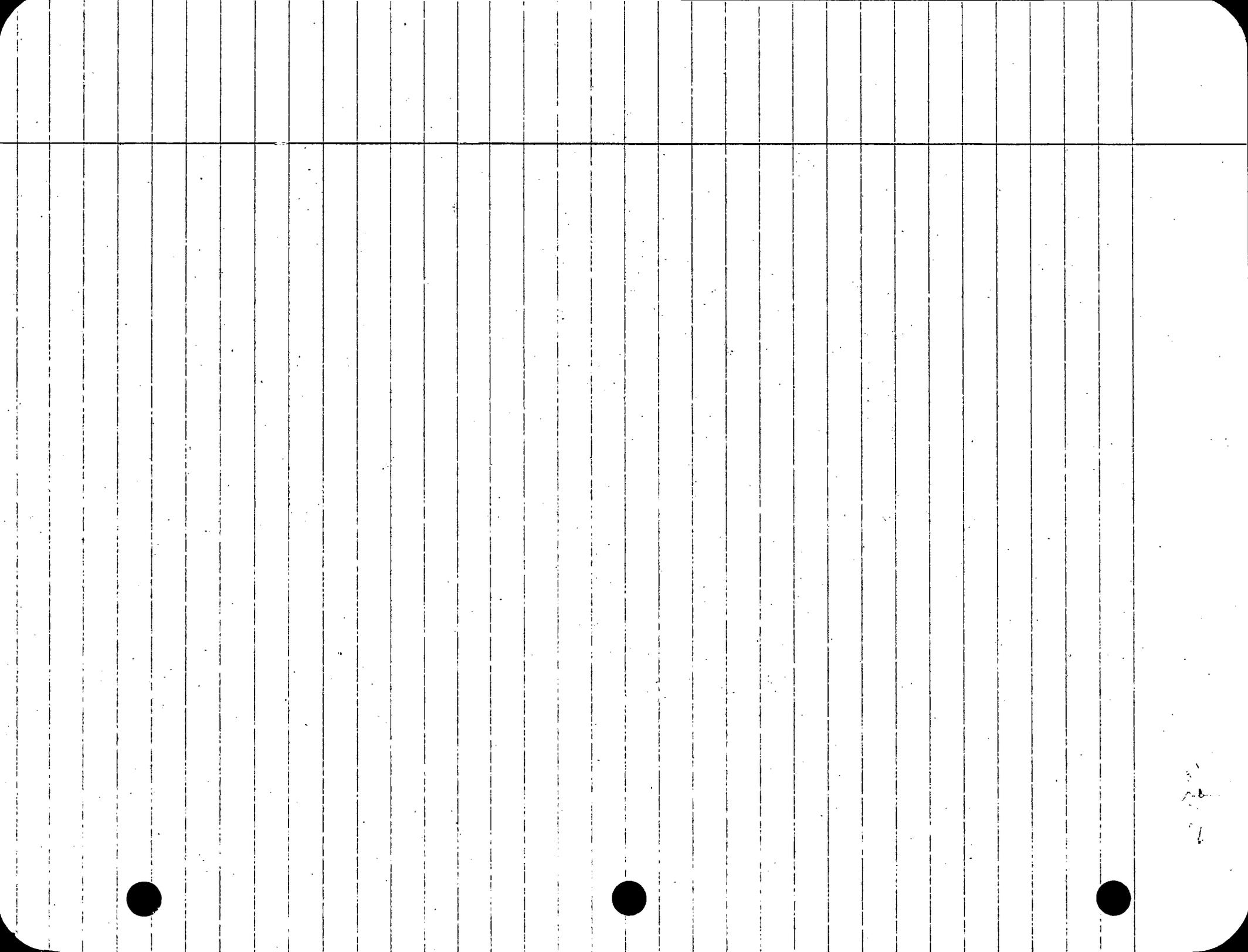
Chevron U.S.A. Inc.

B.V. Culp (NET-A) Well No. 4

1980' FNL EL

Spud: 2-21-36

Euvic Measurement Completion



UNIT H

Chesapeake S.R. Int.

B.V. Culp (LWT-R) Well No. 5

1980' FSL - 660' FFL

Spud: 3-1-36

Event Measurement Completion

UNIT I

(1) Shell Western Exp. Int.

State "D" Well No. 2

1980' FSL - 660' FFL

Spud: 3-25-36

Event Measurement Completion

(2) Shell Western Exp. Int.

State "D" Well No. 3

2307' FSL - 990' FFL

Spud: 9-19-79

Event Measurement Completion

UNIT J

(1) Shell Western Exp. Int.

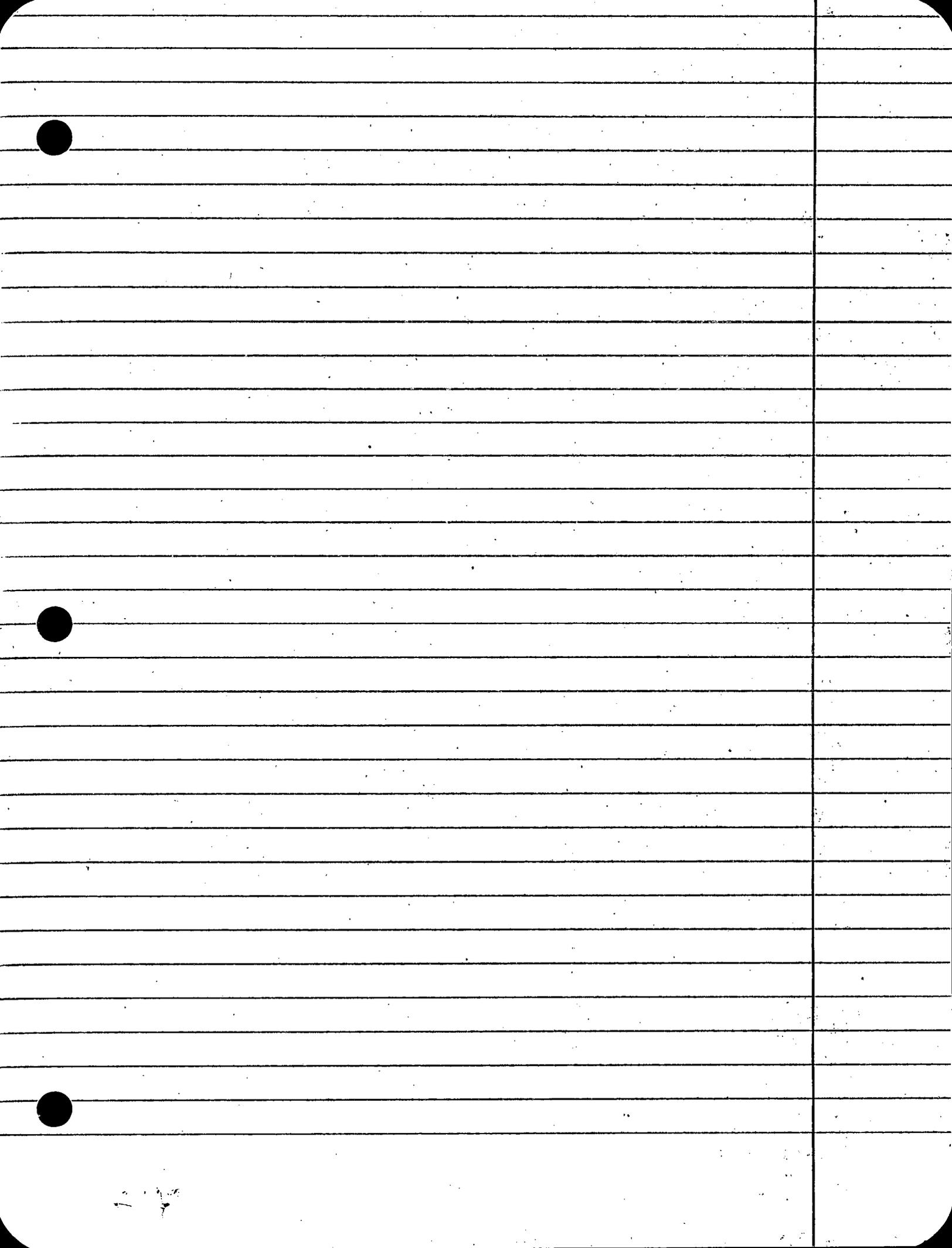
State "D" Well No. 1

1980' FSL - 660' FFL

Spud: 2-4-36

Event Measurement Completion

(2) Application Well



UNIT D

Chevron U.S.A. Inc.

Graham State (NCT-D) Well No. 1

660' FSL - 1980' BFL

Spud: 2-3-36

Eunice Monument Completion

UNIT P

Gulf Oil Corporation

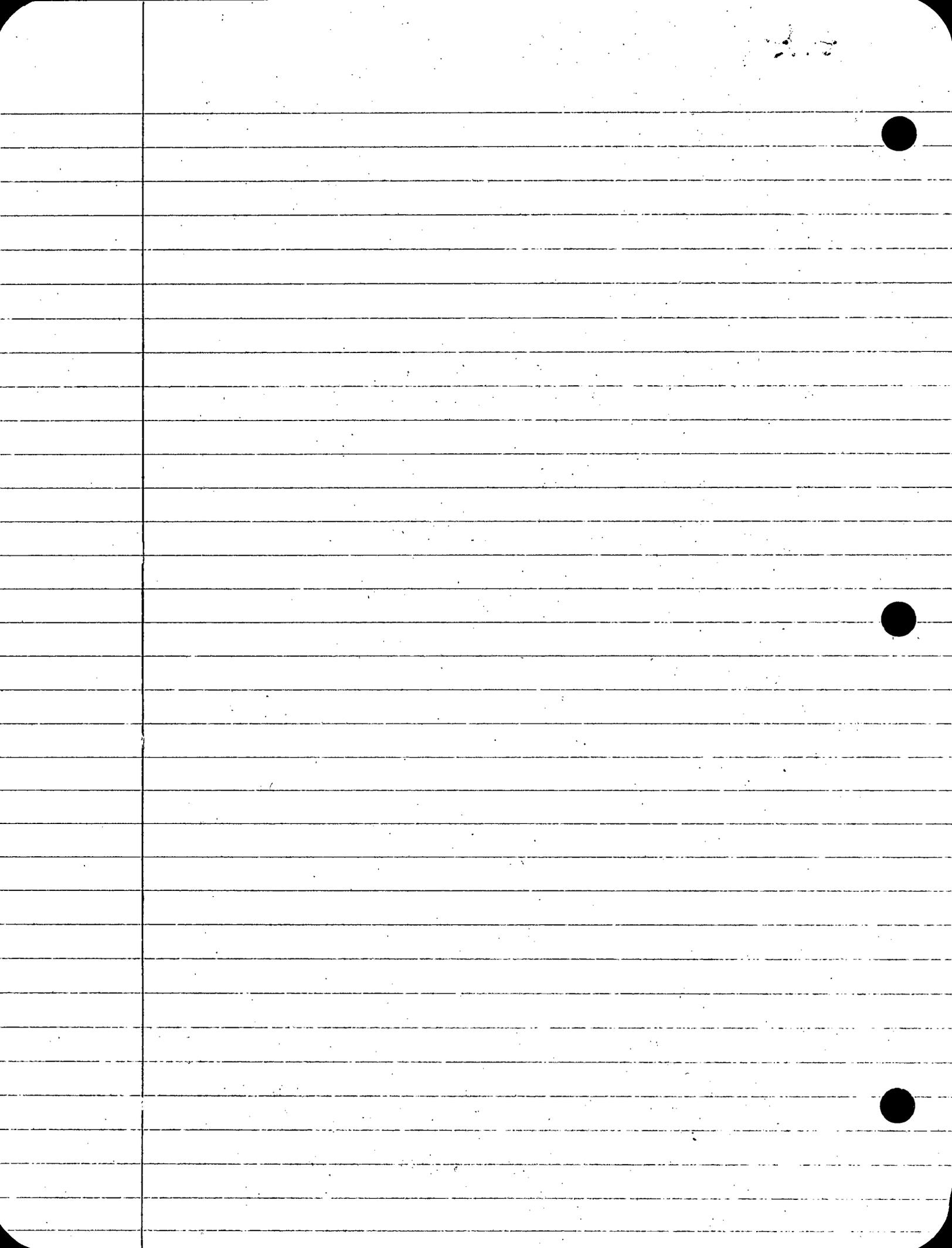
Graham State (NCT-D) Well No. 2

660' FSL EL

Spud: 3-28-36

Pt. A'd: Feb. 1979

Eunice Monument Completion



WELL S T R YR. OIL MP YR WATER YR. GAS E-G CUM OIL CUM WATER CUM GAS ST PULD NAME OPERATOR LEASE NAME LAND

MONTHLY TOTALS ARE THRU MONTH OF DECEMBER
MONTHLY TOTALS ARE ADDED TO CUMULATIVE TOTALS

LEA COUNTY *****

42F15	19S37E	666	P	850	115	25890	17755	23227	72	EUMONT	YATES	S*TEXACO	PRODUCER	WEST	EUMONT	UNIT#US
45K15	19S37E					18302	1132	17327		EUMONT	YATES	S*TEXACO	PRODUCER	WEST	EUMONT	UNIT#US
44L15	19S37E	1794	P	3158	154	25312	16430	17311		EUMONT	YATES	S*TEXACO	PRODUCER	WEST	EUMONT	UNIT#US
48A15	19S37E					8936	531	11105		EUMONT	YATES	S*TEXACO	PRODUCER	WEST	EUMONT	UNIT#US
49N15	19S37E	1414	P	1331	340	42321	9188	51105		EUMONT	YATES	S*TEXACO	PRODUCER	WEST	EUMONT	UNIT#US
37A16	19S37E					11482	60	19226		EUMONT	YATES	S*TEXACO	PRODUCER	WEST	EUMONT	UNIT#US
1D16	19S37E	24			20501	55		24241		EUMONT	YATES	7*CHEVRON	U.S.*LEA	DZ STATE		#S
40M16	19S37E	496	P	1095	167	26443	11689	24247		EUMONT	YATES	S*TEXACO	PRODUCER	WEST	EUMONT	UNIT#US
43116	19S37E					18654		24587		EUMONT	YATES	S*TEXACO	PRODUCER	WEST	EUMONT	UNIT#US
1K16	19S37E					21	12325	28298		EUMONT	YATES	7*CONOCO	INC.*STATE	K116	CUM #S	
46O16	19S37E					21376		28298		EUMONT	YATES	S*TEXACO	PRODUCER	WEST	EUMONT	UNIT#US
47P16	19S37E	2971	P	2349	513	26116	19142	75720		EUMONT	YATES	S*TEXACO	PRODUCER	WEST	EUMONT	UNIT#US
6817	19S37E					268155	304178	268746		EUMONT	YATES	S*TEXACO	PRODUCER	WEST	EUMONT	UNIT#US
4C17	19S37E						410493			FOLLOWING WELL RECOMPLETED TO EUMONT YATES 7 PWS ON (PRO GAS)						
4617	19S37E					5589	G			FOLLOWING WELL RECOMPLETED TO EUMONT YATES 7 PWS ON (PRO GAS)						
2D17	19S37E						44623	197239		FOLLOWING WELL PLUGGED AND ABANDONED 1976						
1E17	19S37E						493451	702238		FOLLOWING WELL ZONE ABANDONED						
3F17	19S37E									FOLLOWING WELL ZONE ABANDONED						
3F17	19S37E	2677	P	134	6275	G	362686	118502		FOLLOWING WELL RECOMPLETED TO EUMONT YATES 7 PWS ON (PRO GAS)						
5G17	19S37E						242276			FOLLOWING WELL RECOMPLETED TO EUMONT YATES 7 PWS ON (PRO GAS)						
5H17	19S37E						83	3649	G	EUMONT YATES 7*CONOCO, INC.*STATE A 17						
4117	19S37E	1221	P	773		10302		23891	41172	EUMONT YATES 7*CONOCO, INC.*STATE A 17						
2117	19S37E	1752	P	1521		44407		303950	264735	EUMONT YATES 7*CONOCO, INC.*STATE A 17						
4K17	19S37E	5997	P	17021		11172		194407	149321	EUMONT YATES 7*CONOCO, INC.*STATE A 17						
3L17	19S37E	1063	P	72284		6209		502636	1129048	EUMONT YATES 7*CONOCO, INC.*STATE A 17						
3L17	19S37E							6279	3699953	EUMONT YATES 7*CONOCO, INC.*STATE A 17						
1M17	19S37E							342051	24357	EUMONT YATES 7*CONOCO, INC.*STATE A 17						
7M17	19S37E	9451	P	61309	7422	146611	66246	236513	608797	EUMONT YATES 7*CONOCO, INC.*STATE A 17						
2N17	19S37E	2879	P	2361	5330	476379	136114	608797		EUMONT YATES 7*CONOCO, INC.*STATE A 17						
1O17	19S37E						2240	1633	241244	FOLLOWING WELL ZONE ABANDONED						
1O17	19S37E	3461	P	45576	10314	483339	629930	297395		EUMONT YATES 7*CONOCO, INC.*STATE A 17						
3P17	19S37E	1098	P	1420	11870	152789	31363	864959		EUMONT YATES 7*CONOCO, INC.*STATE A 17						
1A18	19S37E	2079	P	13748	5600	540338	249739	152463		EUMONT YATES 7*CONOCO, INC.*STATE A 17						
1A18	19S37E	1924	P	5891	6604	473993	90223	301777		EUMONT YATES 7*CONOCO, INC.*STATE A 17						
1C18	19S37E	565	P	501	7698	176486	19020	593551		EUMONT YATES 7*CONOCO, INC.*STATE A 17						
1C18	19S37E					109885	G	13826		FOLLOWING WELL PLUGGED AND ABANDONED 1977						
1O18	19S37E						43158	18685	72236	EUMONT YATES 7*CONOCO, INC.*STATE A 17						
4E18	19S37E	2600	P	995	6154	420513	40869	482654		EUMONT YATES 7*CONOCO, INC.*STATE A 17						
3F18	19S37E	1826	P	823	8341	369788	18678	551313		EUMONT YATES 7*CONOCO, INC.*STATE A 17						
2G18	19S37E	14969	P	49125	14662	855966	416534	607517		EUMONT YATES 7*CONOCO, INC.*STATE A 17						
1H18	19S37E	4724	P	19422	4528	531901	1017802	304470		EUMONT YATES 7*CONOCO, INC.*STATE A 17						
2118	19S37E	10979	P	32148	9977	483313	188670	95137		EUMONT YATES 7*CONOCO, INC.*STATE A 17						
3J18	19S37E	11070	P	10521	9180	892635	229172	423249		EUMONT YATES 7*CONOCO, INC.*STATE A 17						
4K18	19S37E	5489	P	6828	14607	789964	183812	397175		EUMONT YATES 7*CONOCO, INC.*STATE A 17						
2L18	19S37E	9556	P	1095	14778	627550	32422	712642		EUMONT YATES 7*CONOCO, INC.*STATE A 17						
1M18	19S37E									FOLLOWING WELL ZONE ABANDONED						
1M18	19S37E	3773	P	1616	11305	G	538435	43840	209211	EUMONT YATES 7*AMERADA HESS*STATE G						
1M18	19S37E	7679	P	12004	939806		243897	868249		EUMONT YATES 7*AMERADA HESS*STATE G						
2O18	19S37E	20770	P	44469	22777	1014535	1501342	655579		EUMONT YATES 7*AMERADA HESS*STATE G						
1O18	19S37E							440648		EUMONT YATES 7*AMERADA HESS*STATE G						
1P18	19S37E	7038	P	1391	5731	748698	263115	175013		EUMONT YATES 7*AMERADA HESS*STATE G						
7A19	19S37E	13558	P	13247	12425	905080	342727	303055		EUMONT YATES 7*AMERADA HESS*STATE G						
6B19	19S37E	27980	P	14554	13245	984765	712821	413120		EUMONT YATES 7*AMERADA HESS*STATE G						
1C19	19S37E	26019	P	11555	12288	1003503	422567	408712		EUMONT YATES 7*AMERADA HESS*STATE G						
1O19	19S37E	7712	F	3805	29699	574015	67688	223892		EUMONT YATES 7*AMERADA HESS*STATE G						
1E19	19S37E						630			FOLLOWING WELL PLUGGED AND ABANDONED 1977						
2E19	19S37E	6131	P	18906	11963	728406	562355	262157		EUMONT YATES 7*AMERADA HESS*STATE G						
3F19	19S37E	27634	P	5502	12717	763065	1047245	330516		EUMONT YATES 7*AMERADA HESS*STATE G						
3F19	19S37E							925573		EUMONT YATES 7*AMERADA HESS*STATE G						

WELL S T R YR. OIL HP YR WATER YR. GAS O-G CUM OIL CUM WATER CUM GAS ST POOL NAME OPERATOR LEASE NAME LAND

MONTHLY TOTALS ARE THRU MONTH OF DECEMBER
MONTHLY TOTALS ARE ADDED TO CUMULATIVE TOTALS

LEA COUNTY * * * * *

4G19	19S37E	10244	P	24155	12513	921955	1440618	261884	EUNICE	MONUMEN*CHEVRON U.S.*#8	V CULP NCT A	** P
5M19	19S37E	12411	P	84915	12411	922881	652513	321659	EUNICE	MONUMEN*CHEVRON U.S.*#8	V CULP NCT A	** P
3119	19S37E	1192	P	1921	9126	9703	11384	46484	EUNICE	MONUMEN*SHELL WESTER*STATE D	** S	
2119	19S37E					634507	4922683	147710	EUNICE	MONUMEN*SHELL WESTER*STATE D	** S	
1J19	19S37E	16728	P	205475	24380	1024972	1290033	275369	EUNICE	MONUMEN*SHELL WESTER*STATE D	** S	
9J19	19S37E					1259	9	570625	EUMONT	YATES 7*CHEVRON U.S.*#8	V CULP NCT A	** S
1K19	19S37E	27818	F	450	11517	1025157	26567	236449	EUNICE	MONUMEN*PHILLIPS PET*LAND OFFICE	** S	
1K19	19S37E					3320	G	569979	EUMONT	YATES 7*PHILLIPS PET*LAND OFFICE	** S	
1L19	19S37E	15408	P	272021	3993	923115	1615443	193478	EUNICE	MONUMEN*CONOCO, INC.*STATE AC COM	** S	
1L19	19S37E					154	G	1018633	EUMONT	YATES 7*CONOCO, INC.*STATE AC	** S	
3M19	19S37E					59666	G	494513	EUMONT	YATES 7*TEXACO INCOR*NEW MEXICO G STA	** S	
2M19	19S37E	26493	P	1449	10386	896329	1240331	2284858	EUMONT	YATES 7*TEXACO INCOR*NEW MEXICO G STA	** CS	
1N19	19S37E	31999	P	33465	5732	1028674	1445241	215753	EUNICE	MONUMEN*TEXACO INCOR*NEW MEXICO G STA	** S	
1019	19S37E	12993	F	45440	7175	931090	306015	214916	EUNICE	MONUMEN*CHEVRON U.S.*GRAHAM STATE NCT	** S	
2P19	19S37E					621541	1432257	131793	EUNICE	MONUMEN*GULF OIL COR*GRAHAM STATE NCT	** S	
2A20	19S37E	570	P	2000	17546	155949	20284	76444	EUNICE	MONUMEN*GRACE PETROL*NEW MEXICO G STA	** S	
6B20	19S37E	2837	P	3100	15441	374448	20410	305637	EUNICE	MONUMEN*RAMERADA HESS*STATE T BATTERY	** S	
2C20	19S37E	5159	P	3012	17011	579900	247608	605651	EUNICE	MONUMEN*TEXACO PRODU*STATE F	** S	
1020	19S37E					49351	839	117372	EUMONT	YATES 7*ALPHA TWENTY*OCRITY	** S	
1020	19S37E	5279	P	1570	18567	714313	137841	605501	EUNICE	MONUMEN*TEXACO PRODU*STATE F	** S	
1E20	19S37E	8610	P	1775	8408	827902	297788	641935	EUNICE	MONUMEN*RAMERADA HESS*STATE L	** S	
3E20	19S37E					45350	G	29903	EUMONT	YATES 7*RAMERADA HESS*STATE L GAS COM	** CS	
2F20	19S37E	3846	P	51	8344	626844	318991	636151	EUNICE	MONUMEN*RAMERADA HESS*STATE L	** S	
5G20	19S37E					465412	23970	117917	EUMONT	YATES 7*RAMERADA HESS*STATE T GAS COM	** CS	
5G20	19S37E	1558	P	2841	11745	465412	23970	577095	EUNICE	MONUMEN*RAMERADA HESS*STATE T BATTERY	** S	
1H20	19S37E	672	P	2841	22047	134871	38194	1113921	EUNICE	MONUMEN*GRACE PETROL*NEW MEXICO G STA	** S	
1I20	19S37E	10105	P	3739	46363	578510	113707	1896812	EUNICE	MONUMEN*SHELL WESTER*STATE H	** S	
2J20	19S37E	1149	P	2689	15841	258900	106879	841032	EUNICE	MONUMEN*CHEVRON U.S.*#8	KUTTER NCT A	** S
3J20	19S37E					4331	G	3675930	EUMONT	YATES 7*CHEVRON U.S.*#8	W KUTTER NCT A	** CS
4K20	19S37E	1502	P	1333	9971	523797	51701	470432	EUNICE	MONUMEN*TEXACO INCOR*H T MATTERN	** P	
1L20	19S37E	3196	P	11257	8175	685292	76794	413917	EUNICE	MONUMEN*TEXACO INCOR*H T MATTERN	** P	
5L20	19S37E					37795	G	3265529	EUMONT	YATES 7*TEXACO INCOR*H T MATTERN	** P	
2M20	19S37E	12638	P	23690	19530	751328	406272	645290	EUNICE	MONUMEN*TEXACO INCOR*H T MATTERN	** P	
3N20	19S37E	4891	P	375	16925	651325	58780	53050	EUNICE	MONUMEN*TEXACO INCOR*H T MATTERN	** P	
1020	19S37E	1320	P	2782	13591	418158	1191248	274223	EUNICE	MONUMEN*CHEVRON U.S.*#8	W KUTTER NCT A	** S
1P20	19S37E	296	P	5328	423594	1033084	22589	22589	EUNICE	MONUMEN*THE WISER UTIL*KLINGSMITH B STA	** S	
849A21	19S37E					20311	12523	510119	I	EUMONT	YATES 5*TEXACO PRODU*EAST EUMONT UNIT#US	** S
3021	19S37E	390	P	364	12288	20311	12523	510119	EUNICE	MONUMEN*GRACE PETROL*NEW MEXICO E STA	** S	
2E21	19S37E	761	P	364	4780	19344	15824	1347472	EUNICE	MONUMEN*GRACE PETROL*NEW MEXICO E STA	** S	
1F21	19S37E					27737	G	723753	EUMONT	YATES 7*CHEVRON U.S.*#8	ELBERT SHIPP NCT	** S
52H21	19S37E					4529		25014	EUMONT	YATES 5*GULF OIL COR*EAST EUMONT UNIT#UP	** P	
55I21	19S37E					7525		55717	I	EUMONT	YATES 5*TEXACO PRODU*EAST EUMONT UNIT#UP	** P
1K21	19S37E	1798	P	1037L	10095	49516	144460	274172	EUNICE	MONUMEN*E. LONG *HUSTON	** P	
1K21	19S37E					7359	G	388691	EUMONT	YATES 7*E. LONG *HUSTON COM	** PP	
1L21	19S37E	1513	P	2854	35442	309078	43543	1095552	EUNICE	MONUMEN*GRACE PETROL*NEW MEXICO E STA	** S	
1M21	19S37E	1766	P	2500	3076	458698	37161	526764	EUNICE	MONUMEN*CHEVRON U.S.*#8	W KUTTER NCT B	** S
2N21	19S37E					13407		55752	S	EUMONT	YATES 5*E. LONG *HUSTON FEDERAL	** S
57P21	19S37E	2608	P	14385	361	35914	41339	563537	I	EUMONT	YATES 5*TEXACO PRODU*EAST EUMONT UNIT#UP	** S
51C22	19S37E					9443		16798	I	EUMONT	YATES 5*TEXACO PRODU*EAST EUMONT UNIT#US	** S
50D22	19S37E	2179	P	948	350	36770	8090	36340	I	EUMONT	YATES 5*TEXACO PRODU*EAST EUMONT UNIT#US	** S
53E22	19S37E					14625		13150	I	EUMONT	YATES 5*TEXACO PRODU*EAST EUMONT UNIT#US	** S
54F22	19S37E	997	P	1170	164	30349	9286	28400	I	EUMONT	YATES 5*TEXACO PRODU*EAST EUMONT UNIT#US	** S
856K	19S37E					30614	340443	206438	I	EUMONT	YATES 5*TEXACO PRODU*EAST EUMONT UNIT#US	** S
56L	19S37E	2740	P	18523	386	4787	303	206237	I	EUMONT	YATES 5*TEXACO PRODU*EAST EUMONT UNIT#US	** S
58A23	19S37E					27561	141233	132177	I	EUMONT	YATES 5*TEXACO PRODU*EAST EUMONT UNIT#US	** S
59N23	19S37E	5914	P	10618	567	27561	141233	132177	I	EUMONT	YATES 5*TEXACO PRODU*EAST EUMONT UNIT#US	** S
60O23	19S37E					28000	10	24709	I	EUMONT	YATES 5*TEXACO PRODU*EAST EUMONT UNIT#US	** S
61P22	19S37E	685	P	3142	285	32835	12335	26443	I	EUMONT	YATES 5*TEXACO PRODU*EAST EUMONT UNIT#US	** S
72E20	19S37E					3277		49613	I	EUMONT	YATES 5*GULF OIL COR*EAST EUMONT UNIT#US	** S
76L20	19S37E	1380	P	11693	187	49757	101902	49613	I	EUMONT	YATES 5*TEXACO PRODU*EAST EUMONT UNIT#US	** S
80A20	19S37E					26330	678	30750	I	EUMONT	YATES 5*TEXACO PRODU*EAST EUMONT UNIT#US	** S
81M20	19S37E					28501	542224	4348	S	EUMONT	YATES 5*TEXACO PRODU*EAST EUMONT UNIT#US	** S



BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
COMMISSION OF NEW MEXICO FOR
THE PURPOSE OF CONSIDERING:

CASE NO. 1683
Order No. R-1487

APPLICATION OF GULF OIL CORPORA-
TION FOR AN ORDER FORCE-POOLING
THE EUMONT GAS INTERESTS IN THE
N/2 AND THE SE/4 OF SECTION 19,
TOWNSHIP 19 SOUTH, RANGE 37 EAST,
LEA COUNTY, NEW MEXICO, TO FORM
A 477-ACRE NON-STANDARD GAS PRO-
RATION UNIT IN THE EUMONT GAS
POOL

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m., on August 19, 1959, at Santa Fe, New Mexico, before Daniel S. Nutter, Examiner duly appointed by the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission," in accordance with Rule 1214 of the Commission Rules and Regulations.

NOW, on this 14th day of September, 1959, the Commission, a quorum being present, having considered the application, the evidence adduced, and the recommendations of the Examiner, Daniel S. Nutter, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

(2) That the applicant, Gulf Oil Corporation, is the operator of the N/2 and the SE/4 of Section 19, Township 19 South, Range 37 East, NMPM, Lea County, New Mexico, and is the owner and operator of the B. V. Culp "A" Well No. 3, located in the SE/4 NW/4 of said Section 19.

(3) That the applicant seeks an order force-pooling said N/2 and SE/4 of Section 19 as a 477-acre non-standard Eumont gas proration unit.

(4) That all parties owning working interests in the above-described acreage have agreed to communitization, as have a majority of the parties owning royalty interests and contingent interests.

(5) That the applicant has made diligent efforts to communitize all royalty interests in the above-described 477-acre unit for the Eumont Gas Pool, but has been unable to obtain the consent of all persons owning such royalty interest in said 477-acre unit.

(6) That all parties owning an interest in the above-described acreage were given actual notice of the hearing in this case and that the Commission has received no objection to the approval of the subject application.

(7) That it is impractical to form a standard unit in the Eumont Gas Pool by combining the acreage in question with adjacent acreage because all surrounding property is presently dedicated to other Eumont gas wells.

(8) That accordingly, the enforcement of a uniform spacing pattern would tend to deprive the owners of the tract the opportunity to recover their just and equitable share of Eumont gas underlying the 477-acre tract.

(9) That the most efficient and orderly development of the subject acreage can be accomplished by force-pooling the N/2 and the SE/4 of said Section 19 to form a 477-acre non-standard gas proration unit in the Eumont Gas Pool, and that such an order should be entered.

IT IS THEREFORE ORDERED:

(1) That the interests of all persons having the right to drill for, produce, or share in the production of dry gas and associated liquid hydrocarbons, or either of them, from the Eumont Gas Pool underlying the N/2 and the SE/4 of Section 19, Township 19 South, Range 37 East, NMPM, Lea County, New Mexico, be and the same are hereby pooled, said unit to be dedicated to Gulf Oil Corporation's B. V. Culp "A" Well No. 3, located in the SE/4 NW/4 of said Section 19, and that Gulf Oil Corporation be and the same is hereby designated as the operator of said pooled unit.

(2) That as prescribed in the Gas Pooling Agreement for the B. V. Culp (NCT-A) Eumont Gas Unit No. 1, the production from the above-described pooled 477-acre non-standard unit be allocated to each tract in the unit in the proportion that the acreage interest contained in each of the tracts bears to the entire surface acreage of said unit.

-3-

Case No. 1683
Order No. R-1487

(3) That the allowable assigned to the above-described 477-acre non-standard gas proration unit shall bear the same ratio to a standard allowable in the Eumont Gas Pool as the acreage in said unit bears to the acreage in a standard unit in the Eumont Gas Pool.

(4) That the effective date of this order shall be the first day of the month following the month in which the Commission is notified that the subject well has been brought into balance.

(5) That Administrative Order NSP-256 shall be cancelled as of the effective date of this order.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

**STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION**

JOHN BURROUGHS, Chairman

MURRAY E. MORGAN, Member

A. L. PORTER, Jr., Member & Secretary

S E A L

lcr/

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

*Copies to: Hebb's
Proration file*

RECEIVED
NOV 10 80
HOBBS AREA

FILED
200.071
OCT 10 1980
W. KASTLER

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
DIVISION FOR THE PURPOSE OF
CONSIDERING:

CASE NO. 7021
Order No. R-6482

APPLICATION OF GULF OIL CORPORATION
FOR SIMULTANEOUS DEDICATION, LEA
COUNTY, NEW MEXICO.

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 9 a.m. on September 17, 1980, at Santa Fe, New Mexico, before Examiner Richard L. Stamets.

NOW, on this 20th day of October, 1980, the Division Director, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

- (1) That due public notice having been given as required by law, the Division has jurisdiction of this cause and the subject matter thereof.
- (2) That the applicant, Gulf Oil Corporation, seeks approval for the simultaneous dedication of a previously approved 477-acre non-standard gas proration unit comprising the N/2 and SE/4 of Section 19, Township 19 South, Range 37 East, NMPM, Eumont Gas Pool, Lea County, New Mexico.
- (3) That the applicant further seeks to simultaneously dedicate its B. V. Culp (NCT-A) Wells Nos. 3 and 9 located in Units F and J, respectively, of said Section 19.
- (4) That the above-described wells will better enable applicant to produce the gas underlying the proration unit.
- (5) That no offset operator objected to the proposed simultaneous dedication.

(6) That approval of the subject application will afford the applicant the opportunity to produce its just and equitable share of the gas in the subject pool, will prevent the economic loss caused by the drilling of unnecessary wells, avoid the augmentation of risk arising from the drilling of an excessive number of wells, and will otherwise prevent waste and protect correlative rights.

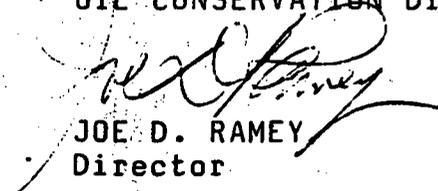
IT IS THEREFORE ORDERED:

(1) That Gulf Oil Corporation is hereby authorized to simultaneously dedicate its B. V. Culp (NCT-A) Wells Nos. 3 and 9 located in Units F and J, respectively, of Section 19, Township 19 South, Range 37 East, NMPM, Eumont Gas Pool, Lea County, New Mexico, to a previously approved 477-acre non-standard gas proration unit consisting of the N/2 and SE/4 of said Section 19.

(2) That jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year herein-above designated.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION


JOE D. RAMEY
Director

S E A L

fd/

Engineering Data to Support Effective and Efficient Finding
B. V. Culp (NCT-A) #9
Unit J, Sec 19-T19S-R37E
Lea County, New Mexico

The following data is submitted to support the opinion that the subject well, the B. V. Culp (NCT-A) #9, is necessary to effectively and efficiently drain a portion of the reservoir not being drained by the original well in the proration unit (the B. V. Culp (NCT-A) #3). Attached is a well location plat showing the 477 acre non-standard Eumont Gas proration unit and the wells in question. Also provided are well completion documents and a two-well cross-section to support the information contained in this summary.

The B. V. Culp (NCT-A) #3, located in Unit F, 1980' FNL & 1980' FWL of Section 19-T19S-R37E, was spudded January 6, 1936, and dually completed in the Eumont Gas and Eunice Monument pools. The Eumont Gas perforations, 3423'-3570', originally produced 6,000 MCFGPD with 875 psi flowing tubing pressure; CAOF was 22 MMCFGPD. This zone is currently producing approximately 135 MCFGPD.

The B. V. Culp (NCT-A) #9, located in Unit J, 2040' FSL & 1980' FEL of Section 19-T19S-R37E, was spudded April 5, 1980. The well was originally perforated April 22, 1980 in the Eumont Gas interval corresponding to that which was producing in the #3 well. These perforations, 3453'-3622', initially tested 164 MCFGPD with 65 psi FTP; a pressure buildup test showed a BHP of only 286 psi. This indicated that the B. V. Culp (NCT-A) #3 was effectively draining this interval at the location of the #9 well. A GIBP was set at 3425' and the well was reperforated in the interval 3180'-3342'. The B. V. Culp (NCT-A) #9 was opened to sales December 3, 1980, flowing 1100 MCFGPD with 450# FTP. The well is currently producing approximately 320 MCFGPD.

Logs indicate that the wells are producing from intervals which are separated by a low-porosity, low-permeability dolomitic zone (see attached cross-section); there is no vertical communication. Initial completion pressures encountered in the B. V. Culp (NCT-A) #9 further support the fact that this well is producing from an interval which is not drained by the B. V. Culp (NCT-A) #3. Therefore, it is our conclusion that the subject well is necessary to effectively drain a portion of the reservoir covered by the proration unit which cannot be effectively and efficiently drained by the original well in the proration unit.

30-025-24663
 Gulf Ref. 1-19-80
 Form C-101
 Revised 1-1-65

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

5A. Indicate Type of Lease
 STATE FEE
 5. State Oil & Gas Lease No.
 A-1543-1

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work
 b. Type of Well DRILL DEEPEN PLUG BACK
 OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE
 2. Name of Operator
 GULF OIL CORPORATION
 3. Address of Operator
 P.O. Box 670, Hobbs, NM 88240
 4. Location of Well UNIT LETTER J LOCATED 2040 FEET FROM THE South LINE
 AND 1980 FEET FROM THE East LINE OF SEC. 19 TWP. 19S RGE. 37E NMPM
 7. Unit Agreement Name
 8. Farm or Lease Name
 B. V. Culp (NCT-A)
 9. Well No.
 9
 10. Field and Pool, or Wildcat
 Eumont Gas
 12. County
 Lea
 19. Proposed Depth
 3800'
 19A. Formation
 Yates 7-Rvrs Qu,
 20. Rotary or C.T.
 Rotary
 21. Elevations (Show whether DF, RT, etc.)
 3683' GL
 21A. Kind & Status Plug. Bond
 Blanket
 21B. Drilling Contractor
 --
 22. Approx. Date Work will start
 February 15, 1980

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
11"	8-5/8"	24#	375'	300	Circulated
7-7/8"	4 1/2"	9.5#	3800'	500	Circulated

Drilling Fluids: 0' - 400' Fresh water spud mud
 400' - 3800' Brine water

See attached BOP Drawing #2

Gas is dedicated

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed R. C. Anderson Title Area Production Manager Date 1-25-80

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT DATE JAN 28 1980

CONDITIONS OF APPROVAL, IF ANY: **Prior to producing this well in the Eumont Gas Pool, approval for the non-standard proration unit must be obtained.**

NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

DISTRIBUTION		
SANTA FE		
FILE		
U.S.G.S.		
LAND OFFICE		
OPERATOR		

5a. Indicate Type of Lease
State Fee

5. State Oil & Gas Lease No.
A-1543-1

14. TYPE OF WELL
OIL WELL GAS WELL DRY OTHER _____

b. TYPE OF COMPLETION
NEW WELL WORK OVER DEEPEN PLUG BACK DIFF. RESVR. OTHER _____

7. Unit Agreement Name

8. Form of Lease Name
B. V. Culp (NCT-A)

9. Well No.
9

10. Field and Pool, or Wildcat
Eumont Gas

2. Name of Operator
Gulf Oil Corporation

3. Address of Operator
P. O. Box 670, Hobbs, NM 88240

4. Location of Well
UNIT LETTER **J** LOCATED **2040** FEET FROM THE **South** LINE AND **1980** FEET FROM THE **East** LINE OF SEC. **19** TWP. **19S** RGE. **37E**

11. County
Lea

15. Date Spudded **4-5-80** 16. Date T.D. Reached **4-10-80** 17. Date Compl. (Ready to Prod.) **8-8-80** 18. Elevations (DF, RKB, RT, GR, etc.) **3683' GI** 19. Elev. Casinghead **--**

20. Total Depth **3800'** 21. Plug back T.D. **3765'** 22. If Multiple Compl., How Many **Single** 23. Intervals Drilled By: Rotary Tools **0'-3800'** Cable Tools **--**

24. Producing Interval(s), of this completion - Top, Bottom, Name
3124'-3342' Eumont Gas

25. Was Directional Survey Made
No

26. Type Electric and Other Logs Run
Compensated Density-Neutron Log

27. Was Well Cored
No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB. FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	378'	12 1/2"	300 sk-circ	
5 1/2"	7#, 15.5#, 14#	3800'	7-7/8"	1050 sx-circ	

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8"	3058'	3058'

30. TUBING RECORD

31. Perforation Records (Interval, size and number)
3124-26', 3156-58', 3180-82', 3210-12', 3270-72', 3310-12', 3340-42' with 3/8" JHPF

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3124'-3342'	1346 gal 15% NEFE
3124'-3342'	42,000 gal 70 quality foam packer 87,500# 20/40 sd, (24) 7/8" RC & 1900# rock salt

33. PRODUCTION

Date First Production **8-8-80** Production Method (Flowing, gas lift, pumping - Size and type pump) **Flow** Well Status (Prod. or Shut-in) **Shut In**

Date of Test	Hours Tested	Shoke Size	Prod'n. For Test Period	Oil - bbl.	Gas - MCF	Emulsion - bbl.	Gas - Oil Ratio
8-9-80	24	20/64"		--	1033	36	--

Flow Turning Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - bbl.	Gas - MCF	Water - bbl.	Oil Gravity - API (Corr.)
500#	0#		--	1083	36	33.9°

34. Disposition of Gas (Sold, used for fuel, vented, etc.)
Sold

Test Witnessed By _____

35. List of Attachments

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED *R.D. Pitzer* TITLE Area Engineer DATE 8-21-80

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except in state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy <u>1286</u>	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt <u>1392</u>	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
R. Salt <u>2438</u>	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates <u>2586</u>	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers <u>2827</u>	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen <u>3310</u>	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg <u>3663</u>	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. Penrose <u>3445</u>	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzite _____
T. 3243106	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Glorieta _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Paddock _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Blinbry _____	T. Granite _____	T. Todilto _____	T. _____
T. Tubb _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Drinkard _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Abo _____	T. _____	T. Chinle _____	T. _____
T. Wolfcamp _____	T. _____	T. Permian _____	T. _____
T. Penn. _____	T. _____	T. Penn. "A" _____	T. _____
T. Cisco (Bough C) _____	T. _____		

OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____	No. 4, from _____ to _____
No. 2, from _____ to _____	No. 5, from _____ to _____
No. 3, from _____ to _____	No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____ feet	_____
No. 2, from _____ to _____ feet	_____
No. 3, from _____ to _____ feet	_____
No. 4, from _____ to _____ feet	_____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1286		Red Bed				
1286	1392		Anhydrite				
1392	2438		Salt				
2438	2586		Anhydrite				
2586	3800		Dolomite, Anhydrite, Sand, Shale				

RECEIVED
AUG 25 1980
OIL CONSERVATION DIV.

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.O.S.	
LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease
State Fee

5. State Oil & Gas Lease No.
A-1543-1

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO OPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER	7. Unit Agreement Name
2. Name of Operator GULF OIL CORPORATION	8. Farm or Lease Name B. V. Culp (NCT-A)
3. Address of Operator P. O. Box 670, Hobbs, NM 88240	9. Well No. 9
4. Location of Well UNIT LETTER J 2040 FEET FROM THE South LINE AND 1980 FEET FROM THE East LINE, SECTION 19 TOWNSHIP 19S RANGE 37E N.M.P.M.	10. Field and Pool, or Wildcat Eumont Gas
15. Elevation (Show whether DF, RT, GR, etc.) 3683' GL	12. County Lea

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO:

<input type="checkbox"/> PERFORM REMEDIAL WORK	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> REMEDIAL WORK	<input type="checkbox"/> ALTERING CASING
<input type="checkbox"/> TEMPORARILY ABANDON	<input type="checkbox"/> CHANGE PLANS	<input type="checkbox"/> COMMENCE DRILLING OPNS.	<input type="checkbox"/> PLUG AND ABANDONMENT
<input type="checkbox"/> PULL OR ALTER CASING	<input type="checkbox"/> OTHER	<input type="checkbox"/> CASING TEST AND CEMENT JOB	
		OTHER Perfd, Aczd	

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Circ hole w/8.6# brine treated w/1 gal Tretolite RP2336 chem per 1000 gal wtr. Spotted 15% double inhib HCL f/3622' to 3425'. Perf 5½" csg w/(2) ½" o-phase burrless decentralized JHPF: 3620-22', 3598-3600', 3571-73', 3546-48', 3521-23', 3476-78, 3453-55'. Rvrsd out 4 bbls flu dn csg to displace acid into tbg. Put spot acid away @ 1 BPM. Broke @ 1900# to 1600#. ISIP 1300#. Swbd. Acz 5½" csg perfs 3453-55', 3476-78', 3521-23', 3546-48', 3571-73', 3598-3600', 3620-22' in 7 equal stages of 150 gals inhib HCL acid. Wait 5 min & pump 100 gal 15% inhib acid @ 1 BPM. Test lines to 6000#. Load 2-3/8" tbg w/acid, close circ valve on pkr; (3453-55') 2300# broke to 1800#; 2300# (3476-78') comm w/100 gal in form. Fnsh ppg acid @ 1 BPM; (3521-23') comm w/75 gal in form. Fnsh ppg acid @ 1 BPM; (3546-48') comm w/100 gal in form. Fnsh ppg acid. Ppd 750 gals in lower 3 set of perfs @ 3.5 BPM. Fish w/18 bbls GKF. Pump 4 BW dn 5½" csg, close circ valve on pkr. Swbd.

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

SIGNED *Jerry Sexton* TITLE Area Engineer acting DATE 4-29-80

APPROVED BY Jerry Sexton TITLE _____ DATE APR 30 1980

CONDITIONS OF APPROVAL, IF ANY:

CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-79

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.O.S.	
LAND OFFICE	
OPERATOR	

3a. Indicate Type of Lease
State Fee

3. State Oil & Gas Lease No.
A-1543-1

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL GAS WELL OTHER _____

2. Name of Operator
Gulf Oil Corporation

3. Address of Operator
P. O. Box 670, Hobbs, NM 88240

4. Location of Well
UNIT LETTER J, 2040 FEET FROM THE South LINE AND 1980 FEET FROM THE East LINE, SECTION 19 TOWNSHIP 19S RANGE 37E NMPM.

7. Unit Agreement Name

8. Farm or Lease Name
B. V. Culp (NCT-A)

9. Well No.
9

10. Field and Pool, or Wildcat
Eumont Gas

15. Elevation (Show whether DF, RT, GR, etc.)
3683' GL

12. County
Lea

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER _____ <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <input type="checkbox"/>	OTHER <u>Perfd, Aczd, Fracd, Plugged Back</u> <input checked="" type="checkbox"/>

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Pump KCL water into 3598'-3600' at 4.0 BPM with 3000#, 100# ISIP. Pump into 3571-73' at 4 BPM with 2800#, 0# ISIP. Cleaned sand fill to 3685'. Pump into 3620-22' at 3 BPM with 3600#. Spot 15% NEFE double inhibited HCL 3342'-3100'. Perf 3124-26, 3156-58', 3180-82', 3210-12', 3270-72', 3310-12', 3340-42' with 1/2" JHPF. Put spot acid away; pump 6 bbls water at 3 BPM with 2800#, form broke at 2900#. Swab. Acidize each set of perms from top down as follows: perms 3124-26', broke at 4000# to 2600#; pumped 150 gal acid at 1 BPM, wait 5 min pressure 2300#; pumped 100 gal acid at 2400#, ISIP 2200#. Perfs 3156-58', pump at 2200#; pumped 150 gal acid, ISIP 1000#; wait 5 min, pump 100 gal at 1700#, communicated, ISIP 2000#. Perfs 3180-82', communicated immediately; pumped 146 gal acid with 2000#, pressure build up on annulus, SD, ISIP 2000#. Perfs 3210-12', communicated immediately; pumped 40 gal acid at 2400#, SD, ISIP 1900#. Perfs 3270-72, broke at 3100# to 2800#, pumped 150 gal acid, ISIP 2500 wait 5 min pressure 2400#; pumped 100 gal acid at 2700#, ISIP 2500#. Perfs 3310-12', broke at 3200# to 2800#; pumped 150 gal acid, ISIP 2400#; wait 5 min pressure 1000#; pumped 100 gal acid at 2600# increase to 2700#, ISIP 2500#. Perfs 3340-42' pumped in at 2800#; pumped 150 gal acid, communicated, ISIP 2500#. Straddled all perms & flushed spot acid with KCL water at 3000# at 3.8 BPM, ISIP 2400#, 5 min SIP 1100#. Swabbed; set packer at 3058'. Set CIBP at 3425'. Foam frac down 2-3/8" tubing through 3124'-3342' in 7 equal stages using 42,000 gal 70 quality foam pad, 37,500# 20/40 sand, (24) 7/8" RCNB's & 1900# rock salt. Flushed to mid perms with 70 quality foam at 4700#. ISP 2450#, 15 min 2150#. Complete after drilling, perfs acidizing & fracing. Waiting on pipeline connection.

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

SIGNED R. D. Pitzer TITLE Area Engineer DATE 8-20-80

APPROVED BY Jerry Sexton DATE AUG 22 1980
Dist. L. Smith

CONDITIONS OF APPROVAL, IF ANY:

EUMONT GAS POOL
Lea County, New Mexico

Order No. R-1670, Adopting Special Rules and Regulations, in Addition to the General Rules and Regulations for Southeastern New Mexico, for the Eumont Gas Pool, Lea County, New Mexico, May 20, 1960.

(Order No. R-1670 Supersedes Order No. R-264, Creating the Eumont Gas Pool, Lea County, New Mexico, February 17, 1953, as Amended by Order No. R-264-A, November 10, 1953; Order No. R-356, Adopting Rules for Gas Wells in Lea, Eddy, Chaves, and Roosevelt Counties, New Mexico, August 28, 1953; Order No. R-370, September 28, 1953; Order No. R-371, September 28, 1953; Order No. R-370-A, November 10, 1953; Order No. R-371-A, November 10, 1953; Order No. R-370-B, December 7, 1953; Order No. R-371-B,; Order No. R-520, August 12, 1954; Order No. R-520-A, August 31, 1954; Order No. R-663, July 7, 1955; Order No. R-767, March 14, 1956; Order No. R-767-A, April 16, 1956; and Order No. R-967, April 23, 1957.)

(The Eumont Gas Pool was created February 17, 1953, and proration was instituted January 1, 1954. The Eumont Gas Pool now includes portions of the acreage once included in the Jalco and Langmat Pools (now Jalmat) and all of the acreage formerly in the Arrow and Hardy Pools.)

A. WELL LOCATION AND ACREAGE REQUIREMENTS

RULE 5(A). A standard gas proration unit in the Eumont Gas Pool shall be 640 acres.

RULE 5(B). Any well drilled to and producing from the Eumont Gas Pool, as defined herein, prior to August 12, 1954 at a location conforming with the spacing requirements effective at the time said well was drilled, shall be granted a tolerance not exceeding 330 feet with respect to the required distance from the boundary lines.

C. ALLOCATION AND GRANTING OF ALLOWABLES

RULE 8(A). The pool allowable remaining each month after deducting the total allowable assigned to marginal wells shall be allocated among the non-marginal wells entitled to an allowable in the proportion that each well's acreage factor bears to the total of the acreage factors for all non-marginal wells in the pool.

RULE 8(B). Allowables to newly completed gas wells shall commence on the date of connection to a gas transportation facility, as determined from an affidavit furnished to the Commission (Box 2045, Hobbs, New Mexico) by the purchaser, or the date of filing of Form C-104, Form C-110, and a plat (Form C-128), whichever date is the later.

G. GENERAL

RULE 22. No gas, either dry gas or casinghead gas, shall

be flared or vented from any well at any time after ninety (90) days from the date such well is completed. Any operator who desires to obtain an exception to the provisions of Rule 22 of Section I of this order shall submit to the Secretary-Director of the Commission an application for such exception with a sworn statement setting forth the facts and circumstances justifying such exception. The Secretary-Director is hereby authorized to grant such an exception whenever the granting of the exception is reasonably necessary to protect correlative rights, prevent waste, or prevent undue hardship on the applicant under all the acts and circumstances as set forth in the statement. The Secretary-Director shall either (a) grant the exception within 15 days after receipt of the application and statement or (b) thereafter set the application for hearing by the Commission at a regular monthly hearing; provided, however, that no such applicant shall incur any penalty by reason of a delay in setting the application for hearing. Notice of hearing of the application shall be published in the manner provided by law and the Rules of the Commission. If the exception is granted by the Secretary-Director, a list of such exceptions shall be distributed in the Commission's regular mailing list.

The flaring or venting of gas from any well in violation of any provision of this rule will result in suspension of any further allowable until further order of the Commission.

RULE 22(A). Within 15 days after any oil or gas well within the boundaries of the Eumont Gas Pool is connected to a gas transportation facility, the operator shall file Form C-110 designating the disposition of gas from the well.

RULE 22(B). No extraction plant processing any gas from the Eumont Gas Pool shall flare or vent such gas unless such flaring or venting is made necessary by mechanical difficulties or unless the gas flared or vented is of no commercial value.

H. MISCELLANEOUS SPECIAL POOL RULES

RULE 25. The vertical limits of the Eumont Gas Pool shall extend from the top of the Yates formation to the base of the Queen formation, thereby including all of the Yates, Seven Rivers and Queen formations.

RULE 26(A). A gas well shall mean a well producing with a gas-oil ratio in excess of 100,000 cubic feet of gas per barrel of oil.

RULE 26(B). A well producing from the Eumont Gas Pool and not classified as a gas well, as defined in Section (A) of this rule, shall be classified as an oil well.

RULE 26(C). Oil wells producing from the Eumont Gas Pool shall be allowed to produce a volume of gas each day not exceeding the daily normal unit oil allowable multiplied by 10,000; provided, however, that such well shall not be allowed to produce oil in excess of the normal unit allowable as ordered by the Commission under the provisions of Statewide Rule 505.

EMPIRE YATES-SEVEN RIVERS POOL
Eddy County, New Mexico

Order No. 850, January 1, 1950, Redefining Pool, as Amended by Order No. R-11, February 21, 1950; Order No. R-17-A, May 22, 1950; Order No. R-27, July 28, 1950; Order No. R-92, September 20, 1951; Order No. R-167, June 19, 1952; Order No. R-348, July 27, 1953; Order No. R-400, January 20, 1954; Order No. R-2187, March 1, 1962; Order No. R-3932, April 1, 1970.

T-17-S, R-27-E S/2 Sec. 12; Sec. 13; SE/4 NE/4 Sec. 14; Secs. 24, 25, 26, 35, 36.
T-17-S, R-28-E S/2 Sec. 7; Secs. 18, 19, 30; N/2 Sec. 31.
T-18-S, R-27-E N/2, SW/4 Sec. 2; E/2 Sec. 3.

EMPIRE-ABO POOL
Eddy County, New Mexico

Order No. R-1129, February 20, 1958, Establishing Pool, as Amended by Order No. R-1238, August 14, 1958; Order No. R-1312, December 24, 1958; Order No. R-1355, March 20, 1959; Order No. R-1397, May 18, 1959; Order No. R-1466, August 18, 1959; Order No. R-1509, October 25, 1959; Order No. R-1559, December 18, 1959; Order No. R-1633, March 18, 1960; Order No. R-1652, April 19, 1960; Order No. R-1681, May 20, 1960; Order No. R-1700, June 16, 1960; Order No. R-1749, August 18, 1960; Order No. R-1797, October 14, 1960; Order No. R-1840, January 1, 1961; Order No. R-1907, April 1, 1961; Order No. R-1981, June 1, 1961; Order No. R-2062, October 1, 1961; Order No. R-2139, January 1, 1962; Order No. R-2187, March 1, 1962; Order No. R-2241, June 1, 1962; Order No. R-2313, October 1, 1962; Order No. R-3979, July 1, 1970; Order No. R-6912, March 1, 1982; Order No. R-7114, November 1, 1982.

T-17-S, R-27-E SE/4 Sec. 34; S/2 Sec. 35; S/2 Sec. 36.
T-17-S, R-28-E S/2, NE/4 Sec. 25; S/2, S/2 NE/4 Sec. 26; S/2 Sec. 27; SE/4 Sec. 28; NW/4, S/2 Sec. 31; Secs. 32, 33, 34; W/2, NE/4 Sec. 35; NW/4 NW/4 Sec. 36.
T-17-S, R-29-E S/2 SW/4, SE/4 Sec. 19; SE/4, S/2 NW/4, N/2 SW/4 Sec. 29; N/2, SW/4, W/2 & NE/4 SE/4 Sec. 30.
T-18-S, R-27-E Secs. 1, 2, 3; S/2, NE/4 Sec. 4; SE/4, SE/4 NE/4 Sec. 8; Sec. 9; N/2, SW/4 Sec. 10; N/2 Sec. 11; N/2 Sec. 12; NW/4 Sec. 15; N/2, SW/4, N/2 and SW/4 SE/4 Sec. 16; E/2, NE/4 SW/4 Sec. 17.
T-18-S, R-28-E NW/4 Sec. 4; N/2 Sec. 5; Sec. 6.

EMPIRE-PENNSYLVANIAN GAS POOL
Eddy County, New Mexico

Order No. R-391, November 25, 1953, Establishing Pool, as Amended by Order No. R-7009, July 1, 1982; Order No. R-7048, September 1, 1982.

T-17-S, R-28-E S/2 Sec. 19; Sec. 20; S/2 Sec. 21; S/2 Sec. 22; Secs. 27 through 34.
T-18-S, R-28-E Sec. 3; N/2 Sec. 4; N/2 Sec. 5; N/2 Sec. 6.

EUMONT GAS POOL
(YATES-SEVEN RIVERS-QUEEN)
Lea County, New Mexico

Order No. R-264, February 17, 1953, Establishing Pool, as Amended by Order No. R-407, February 10, 1954; Order No. R-467, May 27, 1954; Order No. R-520, August 12, 1954; Order No. R-526, October 4, 1954; Order No. R-561, December 16, 1954; Order No. R-569, January 13, 1955; Order No. R-606, March 16, 1955; Order No. R-631, May 12, 1955; Order No. R-667, July 27, 1955; Order No. R-690, October 13, 1955; Order No. R-691, October 13, 1955; Order No. R-713, November 10, 1955; Order No. R-724, December 9, 1955; Order No. R-738, January 9, 1956; Order No. R-763, March 14, 1956; Order No. R-767, March 14, 1956; Order No. R-767-A, April 16, 1956; Order No. R-800, May 16, 1956; Order No. R-853, August 10, 1956; Order No. R-877, September 13, 1956; Order No. R-914, November 13, 1956; Order No. R-933, December 28, 1956; Order No. R-947, January 30, 1957; Order No. R-958, March 8, 1957; Order No. R-986, April 29, 1957; Order No. R-1017, June 28, 1957; Order No. R-1059, September 30, 1957; Order No. R-1089, November 27, 1957; Order No. R-1143, March 25, 1958; Order No. R-1160, April 22, 1958; Order No. R-1210, June 26, 1958; Order No. R-1248, September 29, 1958; Order No. R-1355, March 20, 1959; Order No. R-1372, April 21, 1959; Order No. R-1397, May 18, 1959; Order No. R-1633, March 18, 1960; Order No. R-1840, January 1, 1961; Order No. R-1878, March 1, 1961; Order No. R-1981, June 1, 1961; Order No. R-2139, January 1, 1962; Order No. 2221, May 1, 1962; Order No. R-2292, August 1, 1962; Order No. R-2556, August 23, 1963; Order No. R-3030, February 1, 1966; Order No. R-3631, January 1, 1969; Order No. R-4279, April 1, 1972; Order No. R-4423, November 1, 1972; Order No. R-4511, May 1, 1973; Order No. R-5162, March 1, 1976; Order No. R-5511, September 1, 1977; Order No. R-6033, July 1, 1979; Order No. R-6169, November 1, 1979; Order No. R-6274, March 1, 1980.

T-18-S, R-36-E NE/4 Sec. 36.
T-18-S, R-37-E SW/4 Sec. 29; Secs. 31, 32, 33; W/2 SW/4 Sec. 34.
T-19-S, R-36-E E/2 Sec. 1; S/2 Sec. 11; Secs. 12, 13, 14; SE/4 Sec. 15; E/2, E/2 SW/4 Sec. 22; Secs. 23 through 27; E/2 Sec. 33; Secs. 34, 35, 36.
T-19-S, R-37-E W/2 Sec. 3; Secs. 4 through 9; W/2, W/2 E/2 Sec. 10; W/2 Sec. 15; Secs. 16 through 21; W/2, SE/4 Sec. 22; W/2 NW/4, S/2 Sec. 26; Secs. 27 through 35; W/2 NW/4, SW/4 Sec. 36.
T-20-S, R-35-E SE/4 Sec. 24; N/2 NE/4 Sec. 25.
T-20-S, R-36-E Secs. 1, 2, 3; E/2 E/2 Sec. 4; E/2 Sec. 9; Secs. 10 through 14; E/2 Sec. 15; S/2 Sec. 19; Sec. 20; E/2 Sec. 22; Secs. 23 through 29; NE/4 Sec. 30; Secs. 31 through 36.
T-20-S, R-37-E Secs. 1 through 11; N/2, SW/4 Sec. 12; NW/4 Sec. 13; Secs. 14 through 24; NW/4, S/2 Sec. 25; Secs. 26 through 36.
T-20-S, R-38-E Sec. 18; W/2 Sec. 19; Sec. 31.
T-21-S, R-35-E Secs. 1, 2; Lots 1 through 16 Sec. 3; Lots 9 through 16 Sec. 4; E/2 Sec. 11; Secs. 12, 13, 24, 25.
T-21-S, R-36-E Secs. 1 through 30; NE/4 Sec. 31; N/2, N/2 SE/4 Sec. 32; N/2 Sec. 33; N/2, SE/4 Sec. 34; Secs. 35, 36.
T-21-S, R-37-E Secs. 5, 6, 7, 8; W/2 Sec. 16; Secs. 17 through 21; W/2 Sec. 28; Secs. 29, 30, 31; NW/4, SE/4, SW/4 NE/4 Sec. 33.
T-22-S, R-36-E Secs. 1, 2, 12, 13.
T-22-S, R-37-E Secs. 6 through 10; N/2 NW/4 Sec. 15; Sec. 16; N/2, SE/4, N/2 and SW/4 SW/4 Sec. 17; Sec. 18.

Order No. R-6723, August 1, 1981, Contracting the Vertical Limits to Delete the Lowermost 100 Feet of the Queen Formation Under the Following Area:

T-20-S, R-37-E E/2 Sec. 24.
T-20-S, R-38-E S/2 SW/4, NW/4 SW/4 Sec. 18; W/2 Sec. 19.

EUMONT GAS (LEA, NM)
B. V. Culp (NCT-A) #9

AD: 3800' APR 23 1980
GI: 75.15%
AFE: #54212 - Drill
#54213 - Compl
D-\$91,000 Actual-\$75,164
C-\$89,000 Actual-\$57,590
SPUD: 4-5-80
RIG: DA&S
CSG: 5 1/2" @ 3800'
PERF: -3453' - 3622'

3800' TD 3765' PB Opened well, RU (GO) WLU
Ran GR-CCL logs f/3765' - 2400'. Perf 5 1/2"
17# csg w/(2) 1/2" o-phased, burrless, decntrlzd
JHPF as follows: 3620-22'; 3598-3600'; 3571-73';
3546-48'; 3521-23'; 3476-78'; 3453-55'. RD
WLU. Ran RBP & treating pkr, SN on 2-3/8"
tbg to 3747'. Left RBP & pulled pkr up to
3402'. Drop SV & tested tbg to 5000#. Fsh SV.
Rvrds out 4 bbls of flu dn csg to displ acid
into tbg. Set pkr. RU Dresser-Titan & put
spot acid away @ 1 BPM. Broke @ 1900# to
1600#. ISIP 1300#. RD Dresser-Titan. RU
& Swbd tbg dry in 4 runs w/FL 200' f/surf
@ beginning of test. No gas - waited 30 min
& ran swb. 100' flu in hole. CION @ 4:30P
for 14 1/2 hrs, rpt end 7A, 4-23-80. HICKS

DRILL: EST DAYS 7 ; ACTUAL DAYS 8
COMPL: EST DAYS 10 ; ACTUAL DAYS 3

EUMONT GAS (LEA, NM)
B. V. Culp (NCT-A) #9

AD: 3800' APR 24 1980
GI: 75.15%
AFE: #54212 - Drill
#54213 - Compl
D-\$91,000 Actual-\$75,164
C-\$89,000 Actual-\$60,857
SPUD: 4-5-80
RIG: DA&S
CSG: 5 1/2" @ 3800'
PERF: 3453' - 3622'

3800' TD 3765' PB 0# TP, ran swb, 350' flu
in hole. Swbd dry 1 run. RIH w/tbg & P/U
RBP. Pull up & set RBP & straddle perfs
w/RBP & pkr @ 3453-55'. Drop flu control
valve set @ 2200#. Pmp & clear flu control
valve w/wtr. RU Dresser-Titan to acz 5 1/2"
csg perfs @ 3453-55'; 3476-78'; 3521-23';
3546-48'; 3571-73'; 3598-3600'; 3620-22' in
7 equal stages of 150 gal NEFE inhbt'd HCL
acid. Wait 5 min & pmp 100 gal 15% NEFE
inhbt'd acid @ 1 BPM. Test lines to 6000#.
Load 2-3/8" tbg w/acid, close circ valve on
Baker FB pkr. 1st stage - (3453-55') 2300#
broke to 1800#. 2nd stage - 2300# (3476-78')
comm w/100 gal in form. Fnsh ppg acid @
1 BPM. Reset straddle tools. 3rd set (3521-23')
comm w/75 gal in form. Fnsh ppg acid @ 1 BPM
4th set (3546-48') comm w/100 gal in form.
Fnsh ppg acid. Lower RBP to 3647', pkr @
3552'. Ppd 750 gal in lower 3 sets of perfs
@ 3.5 BPM. Flush w/18 bbls Gulf flu. Raise
tbg & pkr to 3402' & set pkr. Pmp 4 BW dn
5 1/2" csg. Close circ valve on pkr. Install
WH, ran swb. CION @ 4:30P, rpt end 7A, 4-24-80
60 bbls to recover. EST COST \$136,021
LEONARD

DRILL: EST DAYS 7 ; ACTUAL DAYS 8
COMPL: EST DAYS 10 ; ACTUAL DAYS 4

EUMONT GAS (LEA, NM)

B. V. Culp (~~NCT-B~~) ~~#10~~ (NCT-A) #9 **AUG 4 1980**

AD: 3800'
GI: 100%
AFE: #54212 - Drill
 #54213 - Compl
 D-\$91,000 Actual-\$75,164
 C-\$129,000 Actual-\$90,924

SPUD: 4-5-80
RIG: DA&S
CSG: 5½" @ 3800'
PERF: 3124' ~ 3342'

3750' TD 3715' PB RU Dresser Titan
 & pmp 46 bbls dn tbg to load hole.
 Spot 250 gal 15% NEFE double inhib
 HCL acid f/3342 - 3100'. POH w/tbg
 RU Go International. RIH w/perf gun
 & perf following intervals w/½"
 JHPF ~~3124 - 26, 3156-58', 3180-82',~~
~~3210-12', 3270-72', 3310'-12', 3340'~~
~~- 42'~~. We had difficulties getting the
 guns to fire. POH w/guns & RD Go
 International. GIH w/5½" RBP & full
 bore treating pkr on 2-3/8" tbg. Set
 RBP @ 3390'. Pull up to 3075' & rev
 excess acid. Set pkr @ 3075'. Put
 spot acid away. Pmp 6 bbls wtr @
 rate of 3 BPM @ 2800#. Form broke
 dn @ 2900#. Instant SI 2300 after 15
 min 2300'. RD Dresser Tital. CION.
 8-2-80 - 0# TP. Open well. Ran swb
 FL 500' f/surf. Swb to SN in 4 runs,
 no gas. No flu entry in 1 hr. CI @
 11A, 8-2-80 for 44 hrs. Rpt end 7A,
 8-4-80. JONES

DRILL: EST DAYS 7 ; ACTUAL DAYS 8
COMPL: EST DAYS 10 ; ACTUAL DAYS 49

more

EUMONT GAS (LEA, NM)

B. V. Culp (NCT-A) #9

AD: 3800'
 GI: 100%
 AFE: #54212 - Drill
 #54213 - Compl
 D-\$ 91,000 Actual-\$75,164
 C-\$129,000 Actual-\$90,924
 SPUD: 4-5-80
 RIG: DA&S
 CSG: 5½" @ 3800'
 PERF: 3124' - 3342'

AUG 6 1980

3800' TD 3765' PB Opened well, 125# TP. Bled press dn. Swbd tbg dry in 1 hr w/very little gas blow after each run. Swbd 12 bbls acid residue & wtr. RU PT, loaded tbg w/12 bbls 2% KCL wtr. Opened pkr by - pass, displaced 10 bbls flu dn tbg out annulus to flush out 1% acid contaminated wtr that was ppd into annulus during acid job by mistake. Rlsd pkr, retrieved RBP @ 3370'. Pulled tbg & tools f/hole. Ran 5½" Baker lok-set pkr, EL on-off tool (1.78" profile) on 99 jts 2-3/8" OD 4.70# EUE 8RD thd J-55 tbg. Landed tbg on well head w/btm of pkr set @ 3058'. Ran swb w/FL 500' f/surf. Swbd tbg dry in 2 hrs. Recov'd 12 BLW. CI well @ 5P for 14 hrs. 42 bbls acid residue & wtr to recover. Rpt end 7A, 8-6-80. HICKS

DRILL: EST DAYS 7 ; ACTUAL DAYS 8
 COMPL: EST DAYS 10 ; ACTUAL DAYS 51

EUMONT GAS (LEA, NM)

B. V. Culp (NCT-A) #9

AD: 3800'
 GI: 100%
 AFE: #54212 - Drill
 #54213 - Compl
 D-\$ 91,000 Actual-\$ 75,164
 C-\$129,000 Actual-\$106,733
 SPUD: 4-5-80
 RIG: DA&S
 CSG: 5½" @ 3800'
 PERF: 3124' - 3342'

AUG 7 1980

3800' TD 3765' PB Opened well, 950# TP. Bled press dn to 50# in 2 hrs. Ran swb each hr. Recov'd 100' flu each run. Gas vol 100 MCF/gas. CI well @ 11:30A w/300# press build up in 1 hr. Unseat pkr & Pull f/hole. Ran retrieving head & retrieved RBP set @ 3425' & pulled f/hole. Ran 5½" Baker CIBP & set @ 3425'. Pulled tbg f/hole. Ran 5½" Baker lok-set pkr, EL on-off tool (1.78 ID) on 99 hrs tbg & set pkr @ 3058'. CI well @ 7P. 41 bbls acid residue & wtr to recover. Rpt end 7A, 8-7-80. Est cost - \$181,897 HICKS

DRILL: EST DAYS 7 ; ACTUAL DAYS 8
 COMPL: EST DAYS 10 ; ACTUAL DAYS 52

EUMONT GAS (LEA, NM)

B. V. Culp (NCT-A) #9

AD: 3800'
 GI: 100%
 AFE: #54212 - Drill
 #54213 - Compl
 D-\$ 91,000 Actual-\$75,164
 C-\$129,000 Actual-\$90,924
 SPUD: 4-5-80
 RIG: DA&S
 CSG: 5½" @ 3800'
 PERF: 3124' - 3342'

AUG 6 1980

3800' TD 3765' PB Opened well, 125# TP. Bled press dn. Swbd tbg dry in 1 hr w/very little gas blow after each run. Swbd 12 bbls acid residue & wtr. RU PT, loaded tbg w/12 bbls 2% KCL wtr. Opened pkr by - pass, displaced 10 bbls flu dn tbg out annulus to flush out 1% acid contaminated wtr that was ppd into annulus during acid job by mistake. Rlsd pkr, retrieved RBP @ 3370'. Pulled tbg & tools f/hole. Ran 5½" Baker lok-set pkr, EL on-off tool (1.78" profile) on 99 jts 2-3/8" OD 4.70# EUE 8RD thd J-55 tbg. Landed tbg on well head w/btm of pkr set @ 3058'. Ran swb w/FL 500' f/surf. Swbd tbg dry in 2 hrs. Recov'd 12 BLW. CI well @ 5P for 14 hrs. 42 bbls acid residue & wtr to recover. Rpt end 7A, 8-6-80. HICKS

DRILL: EST DAYS 7 ; ACTUAL DAYS 8
 COMPL: EST DAYS 10 ; ACTUAL DAYS 51

EUMONT GAS (LEA, NM)

B. V. Culp (NCT-A) #9

AD: 3800'
 GI: 100%
 AFE: #54212 - Drill
 #54213 - Compl
 D-\$ 91,000 Actual-\$ 75,164
 C-\$129,000 Actual-\$106,733
 SPUD: 4-5-80
 RIG: DA&S
 CSG: 5½" @ 3800'
 PERF: 3124' - 3342'

AUG 7 1980

3800' TD 3765' PB Opened well, 950# TP. Bled press dn to 50# in 2 hrs. Ran swb each hr. Recov'd 100' flu each run. Gas vol 100 MCF/gas. CI well @ 11:30A w/300# press build up in 1 hr. Unseat pkr & Pull f/hole. Ran retrieving head & retrieved RBP set @ 3425' & pulled f/hole. Ran 5½" Baker CIBP & set @ 3425'. Pulled tbg f/hole. Ran 5½" Baker lok-set pkr, EL on-off tool (1.78 ID) on 99 hrs tbg & set pkr @ 3058'. CI well @ 7P. 41 bbls acid residue & wtr to recover. Rpt end 7A, 8-7-80. Est cost - \$181,897 HICKS

DRILL: EST DAYS 7 ; ACTUAL DAYS 8
 COMPL: EST DAYS 10 ; ACTUAL DAYS 52

EUMONT GAS (LEA, NM)
B. V. Culp (NCT-A) #9

AD: 3800'
GI: 75.15% JUN 11 1980
AFE: #54212 - Drill
#54213 - Compl
D-\$91,000 Actual-\$75,164
C-\$89,000 Actual-\$89,119
SPUD: 4-5-80
RIG: DA&S
CSG: 5 1/2" @ 3800'
PERF: 3453' - 3622'

3800' TD 3765' PB CI 24 hrs. pending
analysis of BHP survey. Rpt end 7A,
6-11-80. IVANHOE

DRILL: EST DAYS 7 ; ACTUAL DAYS 8
COMPL: EST DAYS 10 ; ACTUAL DAYS 38

EUMONT GAS (LEA, NM)
B. V. Culp (NCT-A) #9

AD: 3800'
GI: 75.15% JUN 12 1980
AFE: #54212 - Drill
#54213 - Compl
D-\$91,000 Actual-\$75,164
C-\$89,000 Actual-\$89,119
SPUD: 4-5-80
RIG: DA&S
CSG: 5 1/2" @ 3800'
PERF: 3453' - 3622'

3800' TD 3765' PB CI 24 hrs, pending
analysis of BHP survey. Rpt end 7A,
6-12-80.
Est cost - \$164,283 IVANHOE

DRILL: EST DAYS 7 ; ACTUAL DAYS 8
COMPL: EST DAYS 10 ; ACTUAL DAYS 39

EUMONT GAS (LEA, NM)
B. V. Culp (NCT-A) #9

AD: 3800'
GI: 75.15% JUN 13 1980
AFE: #54212 - Drill
#54213 - Compl
D-\$91,000 Actual-\$75,164
C-\$89,000 Actual-\$89,119
SPUD: 4-5-80
RIG: DA&S
CSG: 5 1/2" @ 3800'
PERF: 3453' - 3622'

3800' TD 3765' PB CITP 255#. Opened
well to pit @ 9A on W/O ck. Flwd 22
hrs. No gauge. Rpt end 7A, 6-13-80.
IVANHOE

DRILL: EST DAYS 7 ; ACTUAL DAYS 8
COMPL: EST DAYS 10 ; ACTUAL DAYS 40

EUMONT GAS (LEA, NM)
B. V. Culp (NCT-A) #9

AD: 3800'
GI: 75.15% JUN 16 1980
AFE: #54212 - Drill
#54213 - Compl
D-\$91,000 Actual-\$75,164
C-\$89,000 Actual-\$89,119
SPUD: 4-5-80
RIG: DA&S
CSG: 5 1/2" @ 3800'
PERF: 3453' - 3622'

3800' TD 3765' PB 6-13-80 - Open well
set ck to 18/64" to hole 65# RP on well,
same as NNG line press. Set separator &
chart gas - volume on 3/4" orifice -
145.2 MCF & 0 wtr. 6-14-80 - 65# TP.
164.0 MCF on 3/4" orifice 2" well tstr.
Flwd thru Sunday on 65# TP. Opened well
W/O ck. 6-15-80 - Blow dn for temp
survey. Flwg 24 hrs. No measurement -
0 wtr. Rpt end 7A, 6-16-80. IVANHOE

DRILL: EST DAYS 7 ; ACTUAL DAYS 8
COMPL: EST DAYS 10 ; ACTUAL DAYS 43

EUMONT GAS (LEA. NM)
B. V. Culp (NCT-A) #9

AD: 3800'
GI: 100%
AFE: #54212 - Drill
#54213 - Compl
D-\$ 91,000 Actual-\$ 75,164
C-\$129,000 Actual-\$132,058
SPUD: 4-5-80
RIG: None
CSG: 5½" @ 3800'
PERF: 3124' - 3342'

DEC 04 1980

3800' TD 3765' PB Opened well, 1200# TP
Started well flwg to Northern Natural @ 9A
12-3-80 on 21/64" ck. TP 450# @ 1100 MCF/
Rpt end 7A, 12-4-80. OFF REPO

DRILL: EST DAYS 7 ; ACTUAL DAYS 8
COMPL: EST DAYS 10 ; ACTUAL DAYS 8

EUMONT GAS (LEA, NM)
E. V. Culp (NCT-A) #9

AD: 3800'
GI: 100%
AFE: #54212 - Drill
#54213 - Compl
D-\$ 91,000 Actual-\$ 75,164
C-\$129,000 Actual-\$132,058
SPUD: 4-5-80
RIG: None
CSG: 5½" @ 3800'
PERF: 3124' - 3342'

DEC 04 1980

3800' TD 3765' PB Opened well, 1200# TP
Started well flwg to Northern Natural @ 9A,
12-3-80 on 21/64" ck. TP 450# @ 1100 MCF/
Rpt end 7A, 12-4-80. OFF REPO

DRILL: EST DAYS 7 ; ACTUAL DAYS 8
COMPL: EST DAYS 10 ; ACTUAL DAYS 58

EUMONT GAS (LEA, NM)
B. V. Culp (NCT-A) #9

APR 23 1980

AD: 3800'
GI: 75.15%
AFE: #54212 - Drill
#54213 - Compl
D-\$91,000 Actual-\$75,164
C-\$89,000 Actual-\$57,590
SPUD: 4-5-80
RIG: DA&S
CSG: 5 1/2" @ 3800'
PERF: -3453' - 3622'

3800' TD 3765' PB Opened well, RU (GO) WLU
Ran GR-CCL logs f/3765' - 2400'. Perf 5 1/2"
17# csg w/(2) 1/2" o-phased, burrless, decontrlzd
JHPF as follows: 3620-22'; 3598-3600'; 3571-73';
3546-48'; 3521-23'; 3476-78'; 3453-55'. RD
WLU. Ran RBP & treating pkr, SN on 2-3/8"
tbg to 3747'. Left RBP & pulled pkr up to
3402'. Drop SV & tested tbg to 5000#. Fsh SV.
Rvrtd out 4 bbls of flu dn csg to displ acid
into tbg. Set pkr. RU Dresser-Titan & put
spot acid away @ 1 BPM. Broke @ 1900# to
1600#. ISIP 1300#. RD Dresser-Titan. RU
& Swbd tbg dry in 4 runs w/FL 200' f/surf
@ beginning of test. No gas - waited 30 min
& ran swb. 100' flu in hole. CION @ 4:30P
for 14 1/2 hrs, rpt end 7A, 4-23-80. HICKS

DRILL: EST DAYS 7 ; ACTUAL DAYS 8
COMPL: EST DAYS 10 ; ACTUAL DAYS 3

EUMONT GAS (LEA, NM)

B. V. Culp (NCT-A) #9

APR 24 1980

AD: 3800'
GI: 75.15%
AFE: #54212 - Drill
#54213 - Compl
D-\$91,000 Actual-\$75,164
C-\$89,000 Actual-\$60,857
SPUD: 4-5-80
RIG: DA&S
CSG: 5 1/2" @ 3800'
PERF: 3453' - 3622'

3800' TD 3765' PB 0# TP, ran swb, 350' flu
in hole. Swbd dry 1 run. RIH w/tbg & P/U
RBP. Pull up & set RBP & straddle perfs
w/RBP & pkr @ 3453-55'. Drop flu control
valve set @ 2200#. Pmp & clear flu control
valve w/wtr. RU Dresser-Titan to acz 5 1/2"
csg perfs @ 3453-55'; 3476-78'; 3521-23';
3546-48'; 3571-73'; 3598-3600'; 3620-22' in
7 equal stages of 150 gal NEFE inhbt'd HCL
acid. Wait 5 min & pmp 100 gal 15% NEFE
inhbt'd acid @ 1 BPM. Test lines to 6000#.
Load 2-3/8" tbg w/acid, close circ valve on
Baker FB pkr. 1st stage - (3453-55') 2300#
broke to 1800#. 2nd stage - 2300# (3476-78')
comm w/100 gal in form. Fnsh ppg acid @
1 BPM. Reset straddle tools. 3rd set (3521-23')
comm w/75 gal in form. Fnsh ppg acid @ 1 BPM
4th set (3546-48') comm w/100 gal in form.
Fnsh ppg acid. Lower RBP to 3647', pkr @
3552'. Ppd 750 gal in lower 3 sets of perfs
@ 3.5 BPM. Flush w/18 bbls Gulf flu. Raise
tbg & pkr to 3402' & set pkr. Pmp 4 BW dn
5 1/2" csg. Close circ valve on pkr. Install
WH, ran swb. CION @ 4:30P, rpt end 7A, 4-24-80
60 bbls to recover. EST COST \$136,021
LEONARD

DRILL: EST DAYS 7 ; ACTUAL DAYS 8
COMPL: EST DAYS 10 ; ACTUAL DAYS 4

EUMONT GAS (LEA, NM)
B. V. Culp (NCT-A) #9

AD: 3800'
GI: 75.15% JUN 11 1980
AFE: #54212 - Drill
#54213 - Compl
D-\$91,000 Actual-\$75,164
C-\$89,000 Actual-\$89,119
SPUD: 4-5-80
RIG: DA&S
CSG: 5 1/2" @ 3800'
PERF: 3453' - 3622'

3800' TD 3765' PB CI 24 hrs. pending
analysis of BHP survey. Rpt end 7A,
6-11-80. IVANHOE

DRILL: EST DAYS 7 ; ACTUAL DAYS 8
COMPL: EST DAYS 10 ; ACTUAL DAYS 38

EUMONT GAS (LEA, NM)
B. V. Culp (NCT-A) #9

AD: 3800'
GI: 75.15% JUN 12 1980
AFE: #54212 - Drill
#54213 - Compl
D-\$91,000 Actual-\$75,164
C-\$89,000 Actual-\$89,119
SPUD: 4-5-80
RIG: DA&S
CSG: 5 1/2" @ 3800'
PERF: 3453' - 3622'

3800' TD 3765' PB CI 24 hrs, pending
analysis of BHP survey. Rpt end 7A,
6-12-80.

Est cost - \$164,283 IVANHOE

DRILL: EST DAYS 7 ; ACTUAL DAYS 8
COMPL: EST DAYS 10 ; ACTUAL DAYS 39

EUMONT GAS (LEA, NM)
B. V. Culp (NCT-A) #9

AD: 3800'
GI: 75.15% JUN 13 1980
AFE: #54212 - Drill
#54213 - Compl
D-\$91,000 Actual-\$75,164
C-\$89,000 Actual-\$89,119
SPUD: 4-5-80
RIG: DA&S
CSG: 5 1/2" @ 3800'
PERF: 3453' - 3622'

3800' TD 3765' PB CITP 255#. Opened
well to pit @ 9A on W/O ck. Flwd 22
hrs. No gauge. Rpt end 7A, 6-13-80.
IVANHOE

DRILL: EST DAYS 7 ; ACTUAL DAYS 8
COMPL: EST DAYS 10 ; ACTUAL DAYS 40

EUMONT GAS (LEA, NM)
B. V. Culp (NCT-A) #9

AD: 3800'
GI: 75.15% JUN 16 1980
AFE: #54212 - Drill
#54213 - Compl
D-\$91,000 Actual-\$75,164
C-\$89,000 Actual-\$89,119
SPUD: 4-5-80
RIG: DA&S
CSG: 5 1/2" @ 3800'
PERF: 3453' - 3622'

3800' TD 3765' PB 6-13-80 - Open well
set ck to 18/64" to hole 65# BP on well,
same as NNG line press. Set separator &
chart gas - volume on 3/4" orifice -
145.2 MCF & 0 wtr. 6-14-80 - 65# TP.
164.0 MCF on 3/4" orifice 2" well tstr.
Flwd thru Sunday on 65# TP. Opened well
W/O ck. 6-15-80 - Blow dn for temp
survey. Flwg 24 hrs. No measurement -
0 wtr. Rpt end 7A, 6-16-80. IVANHOE

DRILL: EST DAYS 7 ; ACTUAL DAYS 8
COMPL: EST DAYS 10 ; ACTUAL DAYS 43

EUMONT GAS (LEA, NM)

B. V. Culp (~~NET-B~~) #18 (~~NET-A~~) #9 **AUG 4 1980**

AD: 3800'
GI: 100%
AFE: #54212 - Drill
#54213 - Compl
D-\$91,000 Actual-\$75,164
C-\$129,000 Actual-\$90,924
SPUD: 4-5-80
RIG: DA&S
CSG: 5½" @ 3800'
PERF: 3124' - 3342'

3750' TD 3715' PB RU Dresser Titan & pmp 46 bbls dn tbg to load hole. Spot 250 gal 15% NEFE double inhib HCL acid f/3342 - 3100'. POH w/tbg RU Go International. RIN w/perf gun & perf following intervals w/½" JHPF ~~3124 - 26, 3156-58', 3180-82', 3210-12', 3270-72', 3310'-12', 3340' - 42'~~. We had difficulties getting the guns to fire. POH w/guns & RD Go International. GIH w/5½" RBP & full bore treating pkr on 2-3/8" tbg. Set RBP @ 3390'. Pull up to 3075' & rev excess acid. Set pkr @ 3075'. Put spot acid away. Pmp 6 bbls wtr @ rate of 3 BPM @ 2800#. Form broke dn @ 2900#. Instant SI 2300 after 15 min 2300'. RD Dresser Tital. CION. 8-2-80 - 0# TP. Open well. Ran swb FL 500' f/surf. Swb to SN in 4 runs, no gas. No flu entry in 1 hr. CI @ 11A, 8-2-80 for 44 hrs. Rpt end 7A, 8-4-80. **JONES**

DRILL: EST DAYS 7 ; ACTUAL DAYS 8
COMPL: EST DAYS 10 ; ACTUAL DAYS 49

more

GULF OIL CORPORATION
P.O. Box 670
Hobbs, New Mexico 88240

ATTACHMENT TO FORM C-102: B. V. CULP (NCT-A) WELL NO. 9
WELL LOCATION AND ACREAGE DEDICATION PLAT

Entire area outlined in heavy red line represents the B. V. Culp (NCT-A) Eumont Gas Unit. Total acres in unit = 477.19. This acreage is dedicated to the B. V. Culp (NCT-A) #9 well, as well as to the B. V. Culp (NCT-A) #3 (shown on C-102: Unit F, 1980' FNL & 1980' FWL, Section 19, T19S, R37E).

Ownership of other leases dedicated to the well:

- 1) Phillips Petroleum Company
4001 Penbrook Street
Odessa, Texas 79762

Culp Lease

- 2) Shell Oil Company
P.O. Box 1509
Midland, Texas 79702

N. MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

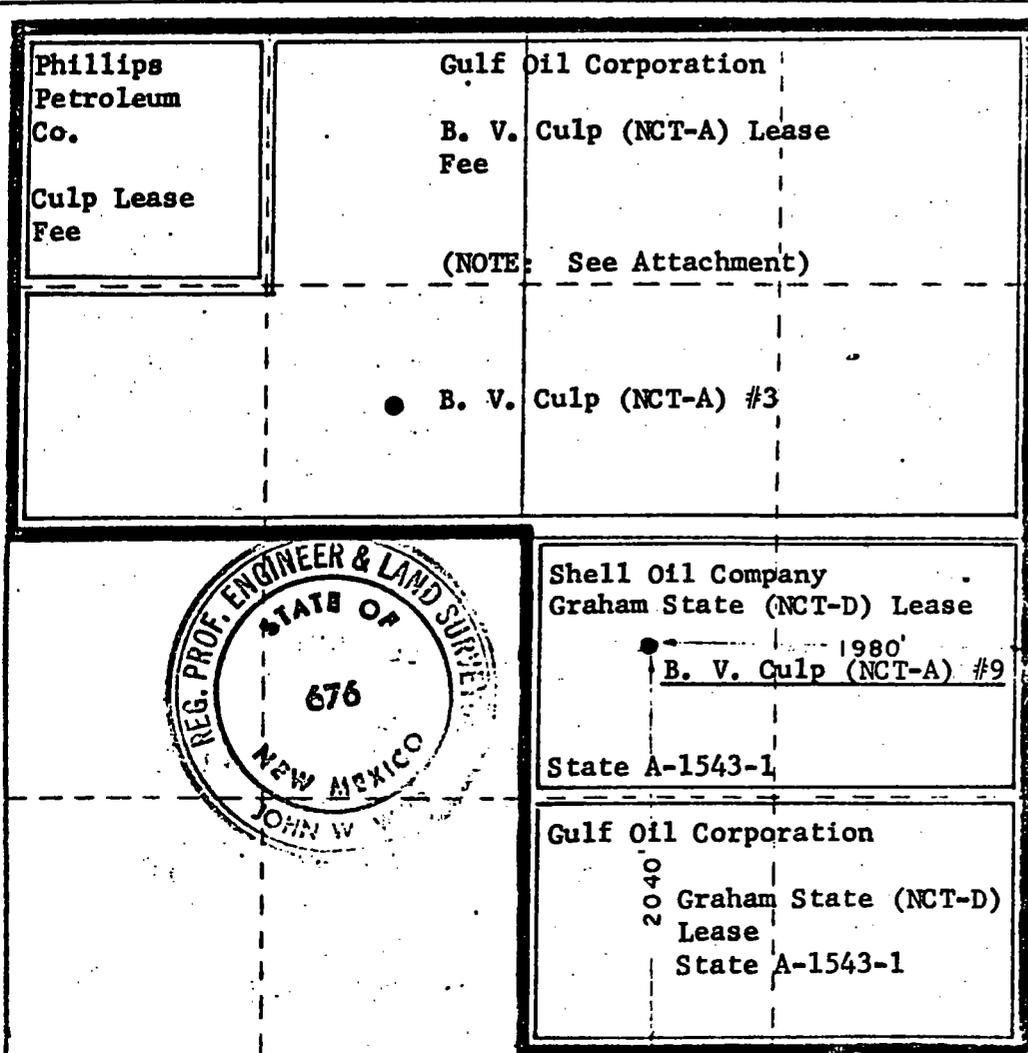
Operator GULF OIL CORPORATION		Lease B. V. Culp (NCT-A)			Well No. 9
Unit Letter J	Section 19	Township 19 South	Range 37 East	County Lea	
Actual Footage Location of Well: 2040 feet from the south line and 1980 feet from the east line					
Ground Level Elev. 3683.4	Producing Formation Yates 7-Rivers Queen		Pool Eumont Gas	Dedicated Acreage: 477.19	

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). (See Attachment)
- If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

Yes No If answer is "yes," type of consolidation Unitization

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

R. C. Anderson

Name
R. C. Anderson

Position
Area Production Manager

Company
Gulf Oil Corporation

Date
1-25-80

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
Nov. 13, 1979

Registered Professional Engineer and/or Land Surveyor
John W. West

Certificate No. **JOHN W. WEST 676**
PATRICK A. ROMERO 6663
Ronald J. Eidson 3239

0 200 400 600 800 1000 1200 1400 1600 1800 2000 2200 2400 2600 2800 3000

Engineering Data to Support Effective and Efficient Finding
B. V. Culp (NCT-A) #9
Unit J, Sec 19-T19S-R37E
Lea County, New Mexico

The following data is submitted to support the opinion that the subject well, the B. V. Culp (NCT-A) #9, is necessary to effectively and efficiently drain a portion of the reservoir not being drained by the original well in the proration unit (the B. V. Culp (NCT-A) #3). Attached is a well location plat showing the 477 acre non-standard Eumont Gas proration unit and the wells in question. Also provided are well completion documents and a two-well cross-section to support the information contained in this summary.

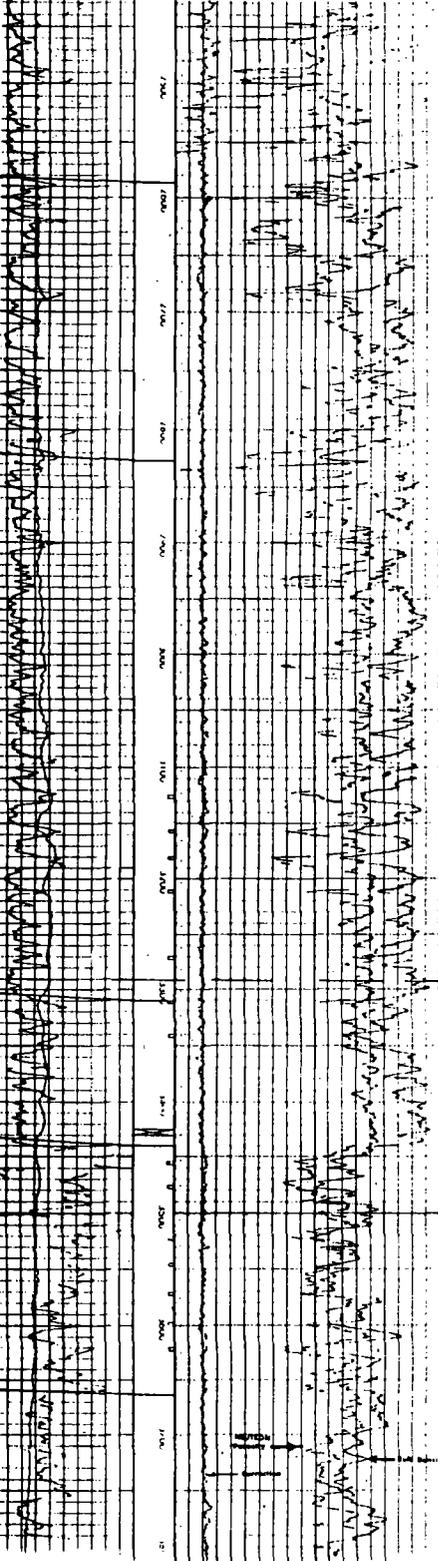
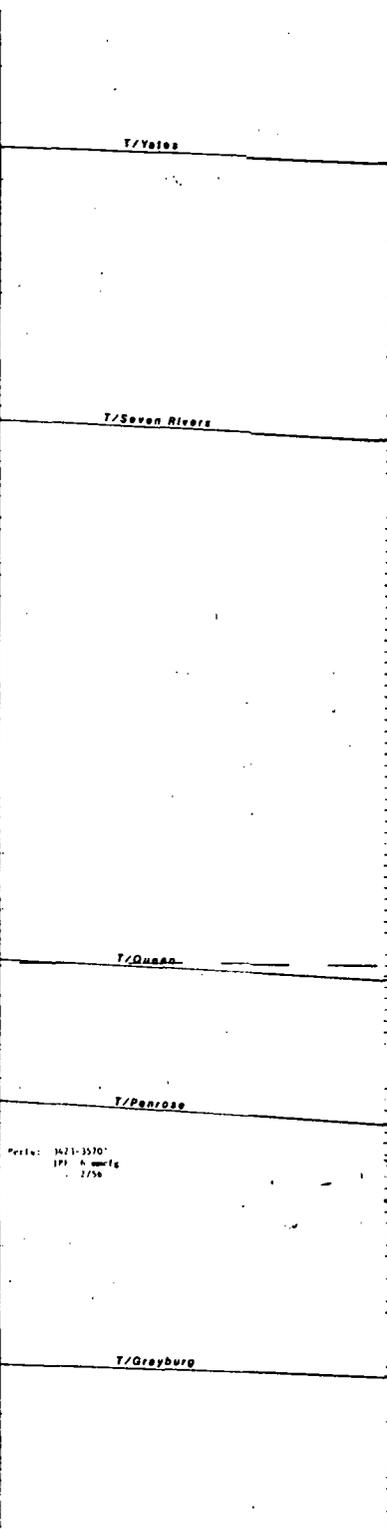
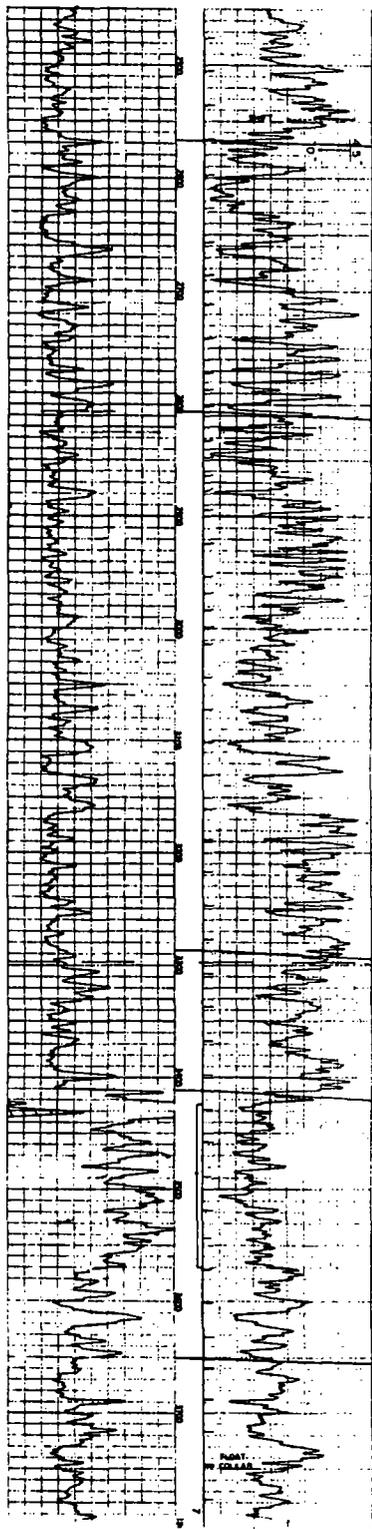
The B. V. Culp (NCT-A) #3, located in Unit F, 1980' FNL & 1980' FWL of Section 19-T19S-R37E, was spudded January 6, 1936, and dually completed in the Eumont Gas and Eunice Monument pools. The Eumont Gas perforations, 3423'-3570', originally produced 6,000 MCFGPD with 875 psi flowing tubing pressure; CAOF was 22 MMCFGPD. This zone is currently producing approximately 135 MCFGPD.

The B. V. Culp (NCT-A) #9, located in Unit J, 2040' FSL & 1980' FEL of Section 19-T19S-R37E, was spudded April 5, 1980. The well was originally perforated April 22, 1980 in the Eumont Gas interval corresponding to that which was producing in the #3 well. These perforations, 3453'-3622', initially tested 164 MCFGPD with 65 psi FTP; a pressure buildup test showed a BHP of only 286 psi. This indicated that the B. V. Culp (NCT-A) #3 was effectively draining this interval at the location of the #9 well. A CIBP was set at 3425' and the well was reperforated in the interval 3180'-3342'. The B. V. Culp (NCT-A) #9 was opened to sales December 3, 1980, flowing 1100 MCFGPD with 450# FTP. The well is currently producing approximately 220 MCFGPD.

Logs indicate that the wells are producing from intervals which are separated by a low-porosity, low-permeability dolomitic zone (see attached cross-section); there is no vertical communication. Initial completion pressures encountered in the B. V. Culp (NCT-A) #9 further support the fact that this well is producing from an interval which is not drained by the B. V. Culp (NCT-A) #3. Therefore, it is our conclusion that the subject well is necessary to effectively drain a portion of the reservoir covered by the proration unit which cannot be effectively and efficiently drained by the original well in the proration unit.

B.V. Culp #3
Sec. 19, T-19-S, R-37-E
1980' FNL, 1980' FWL

B.V. Culp #9
Sec. 19, T-19-S, R-37-E
2040' FSL & 1980' FEL



Perfs: 3124-26, 3136-58,
3180-82, 3216-12,
3230-32, 3310-12,
3340-42
IPP 1083 m/g/18 bu
8/9/80

+400' A'

A