F. O. Box 2088 SANTA FE, NEW MEXICO

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STATE OF NEW MEXICO	SANTA FE, NEW MEXICO	ALMINISTRATIVE ORDER	
KGY AND MINERALS DEPARTMENT	87501	NFL 60	
SECTION 271.305 Commission reguli	DRILLING FINDINGS PURSUANT 5(b) OF THE FEDERAL ENERGY R ATIONS, NATURAL GAS POLICY A VATION DIVISION ORDER NO. R-	EGULATORY CT OF 1978	·.
	• .		
rator Doyle Hartman	Well Name and No.	Byrom-Williams Well No. 1	·
ation: Unit GSec. 33Twp	<u>. 195 Rng. 37E C</u>	ty. <u>Lea</u>	
DIVISION FINDS:			
That Section 271.305(b) of the l suant to the Natural Gas Policy A a new onshore production well und ill well is necessary to effective the proration unit which cannot be	ct of 1978 provides that, in er Section 103 of said Act, ely and efficiently drain a	order for an infill well to qualid the Division must find that the portion of the reservoir covered	fy
cedure whereby the Division Direc ision and find that an infill wel.	tor and the Division Examine l is necessary.		e
That the well for which a finding			
	d spacing unit in said pool	ومعمين ويبالا ويسترك بالمتنك وبمناج وبعارة بالكالة والمتحار المتحال المتعاد المرحلة المحد كالتبه	s.
That a 120 -acre p: Sec. 33, Twp. 195, Ri		dedicated to the W.K. Byrom J. H.	
liams "B" No. 4 locate	ed in Unit B of sai	d section.	
That this proration unit is () roved by Order No. <u>NSP-1310(L)</u> .	standard (>> nonstandard; i	f nonstandard, said unit was previo	ous
That said proration unit is not l(s) on the unit.	being effectively and effic	iently drained by the existing	
That the drilling and completio	n of the well for which a fi	nding is sought should result in	•
production of an additional 25 erwise be recovered.	8,500 MCF of gas from	the proration unit which would not	t
That all the requirements of Or which a finding is sought is nec	essary to effectively and ef	complied with, and that the well ficiently drain a portion of the ned by any existing well within the	e
That in order to permit effecti lication should be approved.	ve and efficient drainage of	said proration unit, the subject	
IS THEREFORE ORDERED:			
ill well on the existing proratio	n unit described in Section order is necessary to permit	the drainage of a portion of the	
That jurisdiction of this cause ision may deem necessary.	is retained for the entry of	of such further orders as the	
E at Santa Fe, New Mexico, on thi	s 18th day of Octobe	r , 19 ⁸² .	-
	Jestan	leg	
	DIVÍSION DIRECTOR	EXAMINER	•
		•	

Application Received 7/29/82 Reveess - toclan ADMINISTRATIVE ORDER

NFL ..

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION P. O. Box 2088 Santa FE, New Mexico 87501

INFILL DRILLING FINDINGS 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-A

Operator _	Doule Har	tman		Well Name	and No.	Byrom -1	Williams	Well No	.1	•
Location:	Unit_6	_Sec <u>33</u>	Twp. 195							

THE DIVISION FINDS:

ŤΤ.

(1) That Section 271.305(b) of the Federal Energy Regulatory Commission 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 that the infill 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.

(2) That by Order No. R-6013-A, dated February 8, 1980, 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) That the well for which a finding is sought is completed in the Eumont

	Pool, and t	he standard s	pacing unit	in said pool i	.8	640		acres.
(4) That a	120	acre pror	ation unit o	comprising the	NW/4 N	VE/4 AND	1 5/2	NEIY
of Sec. 33		195 , Rng.	<u></u> ,	TE currently	dedicated	to the	W.K. Brio	m J.H.
Williams "B"	Well No. 4	located	in Unit	B of said	section.			-0
(E) (These ships							· · ·	•

(5) That this proration unit is () standard (X) nonstandard; if nonstandard, said unit was previously approved by Order No. MSP - 13/O(L).

(6) That said proration unit is not being effectively and efficiently drained by the existing well(s) on the unit.

(7) That the drilling and completion of the well for which a finding is sought should result in the production of an additional 258500 MCF of gas from the proration unit which would not otherwise be recovered.

(8) That all the requirements of Order No. R-6013-A have been complied with, and that 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) That in order to permit effective and efficient drainage of said proration unit, the subject application should be approved.

IT IS THEREFORE ORDERED:

(1) That the applicant is hereby authorized to drill the well described in Section I above as an infill well on the existing proration unit described in Section II(4) above. The authorization for infill drilling granted by this order 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) 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 this _____day of

DIVISION DIRECTOR

EXAMINER

19

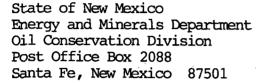
DOYLE HARTMAN

011 Operator 500 N. MAIN P. O. BOX 10426 MIDLAND, TEXAS 79702

(915) 684-4011

September 29, 1982

1. pr



Attention: Mr. R. L. Stamets

Re: Administrative Procedure Infill Finding Byrom-Williams No. 1 Section 33, T-19-S, R-37-E Lea County, New Mexico

SANTA FE

Gentlemen:

/be

On July 22, 1982, our offices submitted to you an application for an Infill Finding covering the above captioned property. By return receipt requested your offices were shown as having received in this filing on August 2, 1982.

To date we have not heard from your offices concerning this. Since it has been approximately six (6) weeks, we are wondering if there is a problem with this application. If you are in need of any additional information or have any questions concerning this we would be more than glad to help in any way possible.

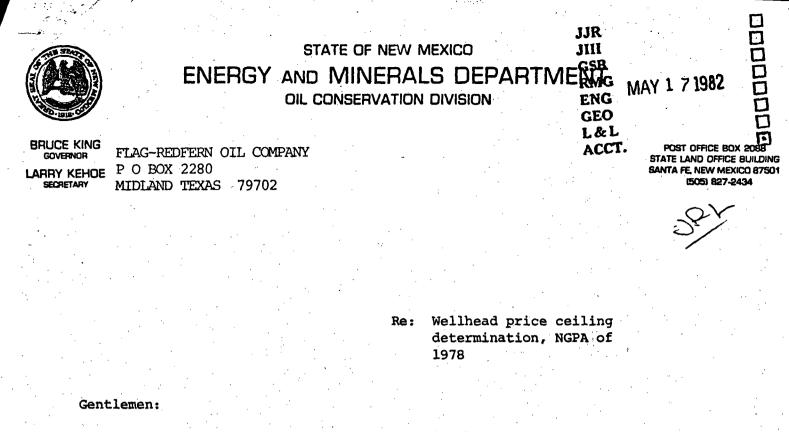
If you could, we would appreciate your letting us know the status of this application. Please feel free to call me collect at the above number if there are any problems with this filing. We look forward to hearing from you in the very near future. Your assistance and cooperation in this matter is very much appreciated.

Very truly yours,

DOYDE HARIMAN

Becky Eichinger,

Administrative Assistant



The New Mexico Oil Conservation Division has received your application for a wellhead price ceiling category determination under the section(s) of the Natural Gas Policy Act of 1978 indicated below. If your application is incomplete, forms are attached hereto, indicating the documents and further information which must be filed before your application can be considered. If your application is complete, it will be acted upon administratively unless written objection is received within 15 days of its filing.

WELL NAME AND LOCATION Osudo State Com #2-H 18-205-36E

103

SECTION (S) APPLIED FOR

DATE APPLICATION RECEIVED April 27, 1982

APPLICATION INCOMPLETE

Plense file for infill Funding (NFL)

Sincerely,

Muhael 9

DATE: May 13, 1982

NOTE:

THIS FORM LETTER MUST ACCOMPANY TWO COPIES OF THE SUPPLEMENTARY INFORMATION.

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DOYLE HARTMAN

Oil Operator 500 N. MAIN P. O. BOX 10426 MIDLAND, TEXAS 79702

(915) 684-4011

July 22, 1982

State of New Mexico Energy and Minerals Department Oil Conservation Division Post Office Box 2088 Santa Fe, New Mexico 87501

Attention: Mr. R. L. Stamets

OIL CONSERVATION DIVISION SANTA FE

Administrative Procedure Infill Finding Byrom-Williams No. 1 Section 33, T-19-S, R-37-E at 1650' FNL & 2310' FEL Lea County, New Mexico

Gentlemen:

Rule 7

Pursuant to Section 271.305 of the Final Rules and Regulations of the Federal Energy Regulatory Commission relating to Section 103 of the Natural Gas Policy Act of 1978, and to Order R-6013-A of the New Mexico Oil Conservation Division, we hereby request an infill finding (NFL) for the above captioned Byrom-Williams No. 1 located 1650' FNL and 2310' FEL Section 33, T-19-S, R-37-E, Lea County, New Mexico.

With regard to our request, and in accordance with Order R-6013-A, we submit the following:

- <u>Rule 5</u> A copy of approved Form C-101 for the infill well and Form C-102 showing the proration unit dedicated to the well are enclosed.
- Rule 6 The name of the pool in which the infill well has been drilled is Eumont Pool, and the standard spacing unit therefor is 640 acres.

The number of the Administrative Order approving the non-standard proration unit and unorthordox location dedicated to the well is NSP-1310 (L).

Rule 8 Table 1 attached to William P. Aycock's letter dated July 19, 1982 shows the following:

a. Lease name and well location;

b. Spud date;

Page 2 July 22, 1982

- c. completion date;
- d. a description of any mechanical problems experienced
 - along with a summary of remedial action(s) taken and the results obtained;
- e. the current rate of production, and;
- f. date of plug and abandonment, if any, and;

g. a clear and concise statement indicating why the existing well(s) on the proration unit cannot effectively and efficiently drain the portion of the reservoir covered by the proration unit.

Rule 9

Letter dated July 19, 1982 from William P. Aycock submits geological and engineering information sufficient to support a finding as to the necessity for an infill including:

- a. formation structure map;
- the volume of increased ultimate recovery expected to be obtained and a narrative describing how the increase was determined;
- c. any other supporting data which the applicant deems to be relevant which may include:
 - 1. porosity and permeability factors
 - 2. production/pressure decline curve
 - 3. effects of secondary recovery or pressure maintenance operations
 - 4. C-104 and C-105 (including Inclination Report)
 - 5. Scout Ticket and Well Log Summary for Doyle
 - Hartman's Byrom-Williams No. 1 (Infill Eumont Well)
 - Scout Ticket and Well Log Summary for J. H. Williams "B" No. 4 (previous producer on proration unit).
 - 7. N.M.O.C.D. Forms for the J. H. Williams "B" No. 4 (previous Eumont producer on proration unit).
- Rule 10 This application for infill finding is being filed in duplicate with the Santa Fe office of the Division.
- Rule 11

All operators of proration or spacing units offsetting the unit for which an infill finding is sought have been notified of this application by certified or registered mail. Page 3 July 22, 1982

2.22

We respectfully request that the Commission grant our request for an infill finding pursuant to Order R-6013-A.

Very truly yours,

DOYLE HARTMAN

stich Becky Eighinger, Administrative Assistant

/be

Enclosures as above

WILLIAM P. AYCOCK & ASSOCIATES, INC.

Petroleum Engineering Consultants 308 WALL TOWERS WEST MIDLAND, TEXAS 79701 PHONE 915/683-5721

July 19, 1982

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

Attention Mr. R. L. Stamets, Technical Support Chief

Subject:

Administrative Application for Infill Well Finding: Doyle Hartman's Byrom-Williams No. 1, Section 33, Township 19 South, Range 37 East @ 1650' FNL & 2310' FEL, Eumont (Queen) Pool, Lea County, New Mexico

Gentlemen:

Application is hereby made for an administrative infill well finding effective with initial gas deliveries for the described well in accordance with Exhibit "A", Order R-6013-A. The following constitute the requirements of said Order R-6013-A:

- Rule 5: Attached are copies of the C-101 and C-102 for the application well.
- Rule 6: The name of the pool in which the infill well has been drilled is the Eumont Pool, and the standard spacing therefor is 640 acres.
- Rule 7: The 120-acre non-standard proration unit and the unorthodox well location were approved administratively by Order NSP-1310(L), a copy of which is attached hereto.
- Rule 8: See attached Table No. 1, "Summary of Required Information, Rule 8, Exhibit "A", Order No. R-6013-A" for sections "a." through "f.". Section "g." requires "a clear and concise statement indicating why the existing well(s) on the proration unit cannot effectively and efficiently drain the portion of the reservoir covered by the proration unit." The 120-acre, non-standard proration unit assigned to the application well was previously assigned to the Southern Union Gas Co. (Later W. K. Byrom) Williams No. 1 well, which was located 990' FNL and 1650' FEL of Section 33, Township 19

New Mexico Department of Energy and Minerals July 19, 1982 Page 2

1.0.1

South, Range 37 East in Unit B. Drilling was commenced in July 14, 1952, and this well was completed from Eumont Pool open hole between depths of 3498 and 3647 feet on August 17, 1952. Gas deliveries from the well (at that time owned by Aztec Oil & Gas Co.) began on December 1. 1966, and ceased in February 1974. The well was worked over from the Eumont Pool to the Eunice-Monument Pool on July 19, 1980, and the well designation was concurrently changed to W. K. Byrom "B"-4. Accordingly, the new application well (Doyle Hartman Byrom-Williams No. 1) is a "new, onshore production well" by virtue of the definition contained in Sec. 3313(c) of the Natural Gas Policy Act of 1978. In any case, since there has been no gas production from a Eumont Pool well on the proration unit since July 30, 1974, the gas reserves remaining in the Eumont Pool beneath the proration unit could not have been recovered at all prior to the drilling of the application well.

Rule 9: Sec. a. A Penrose formation structure map is attached hereto, as required.

Sec. b. The volume of increased recovery expected to be obtained is at least 258 MMCF, as this is the estimated ultimate recovery of gas for the application well; and, as was discussed in Rule 8, all of this is increased ultimate recovery. This estimate was accomplished as follows:

(1) Well logs for the Hartman Byrom-Williams No. 1 were analyzed for the completion inverval of 3579 to 3700 feet, with results as follows:

Mean	Porosity,	Fcn.	of	Bulk Vol.	0.120
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Mean Connate Water Saturation, Fcn of Net Effective Pore Vol. 0.225

Net Effective Pay Thickness, Feet 41.

The gross pay thickness is 154 feet, so the net effective pay represents 27 percent of the gross pay.

(2) The Form C-105 Test of July 15, 1982, was analyzed, with results as follows:

New Mexico Department of Energy and Minerals July 19, 1982 Page 3

Stabilized Deliverability Coeffi- cient, MCF/day per psia ²	5.532x10 ⁻³
Initial Stabilized Wellhead Shut- in Pressure (Pc), psia	218.0
Initial Gas Formation Volume Factor, scf/rcf	15.03
(3) The results of steps (1) and (2) bined, resulting in the following:	were com-
Original Gas-In-Place	
MMCF/Acre	2.49
MMCF/120 Acres	299.2
Estimated Gas Recovery Factor, Fcn of Original Gas-In-Place at an Economic Limit of 500 MCF/month	0.064
Delivered at 25.0 psia	0.864
Estimated Ultimate Recovery, MMCF per 120 Acres	258.5

Sec. c. Other supporting data submitted include the following:

Gas Production History Tabulation and Graph For the W. K. Byrom Williams No. 1 (later renamed "B"-4).

Complete N.M.O.C.D. Forms for Both the Application Well and the Pre-existing Well.

New Mexico Oil Conservation Division Administrative Order No. NSP-1310(L).

We believe that the above adequately documents this application, and we should be pleased to furnish you anything else you might require in this connection if it is available to us.

Very truly yours, Wm. P. Aycock

WPA/bw

12.1

Enclosures

TABLE NO. 1

SUMMARY OF REQUIRED INFORMATION, RULE 8, EXHIBIT "A", ORDER R-6013-A, (sections "a," through "f.")

- NATURAL GAS POLICY ACT INFILL FINDINGS, ADMINISTRATIVE PROCEDURE

SECTION OF RULE 8	RULE 8 REQUIREMENT	PRE-EXISTING WELL W. K. BYROM, OPERATOR	INFILL APPLICATION WELL DOYLE HARTMAN, OPERATOR
а.	Lease Name and Well Location	Williams No. 1 990' FNL & 1650' FEL	Byrom-Williams No. l 1650' FNL & 2310' FEL
b.	Spud Date	July 14, 1952	June 14, 1982
с.	Completion Date	August 17, 1952	June 29, 1982
d.	Mechanical Problems	None; Workoever to Eunice- Monument June 19, 1980	None
е.	Current Rate of Production	None: Last Produced @ 5 MCF/Mo. in February 1974	C-105: 192 MCF/day
f.	Date of Plug and Abandonmen	t Not Plugged; Well com- pleted in Eunice-Monument Pool July 22, 1980, for 25 BOPD, 30 BWPD & GOR of 30,000.	Not Plugged

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NET MEXICO OIL CONSERVATION COMMISSI

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Form C-1 % Supersedes C+128 Effective 1-1-65

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ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION

June 2, 1982

BRUCE KING

LARRY KEHOE SECRETARY

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

> Attention: Larry A. Nermyr

Administrative Order NSP-1310(L)

Gentlemen:

Reference is made to your application for a 120-acre non-standard proration unit consisting of the following acreage in the Eumont Gas Pool:

> LEA COUNTY, NEW MEXICO TOWNSHIP 19 SOUTH, RANGE 37 EAST, NMPM Section 33: S/2 NE/4 and NW/4 NE/4

It is my understanding that this unit is to be dedicated to your Byrom - Williams Well No. 1 to be located at an unorthodox location 1650 feet from the North line and 2310 feet from the East line of said Section 33 hereby approved under the provisions of Rule 3 of Order No. R-1670.

By authority granted me under the provisions of Rule 5(c)(3) of Order No. R-1670, the above non-standard proration unit is hereby approved.

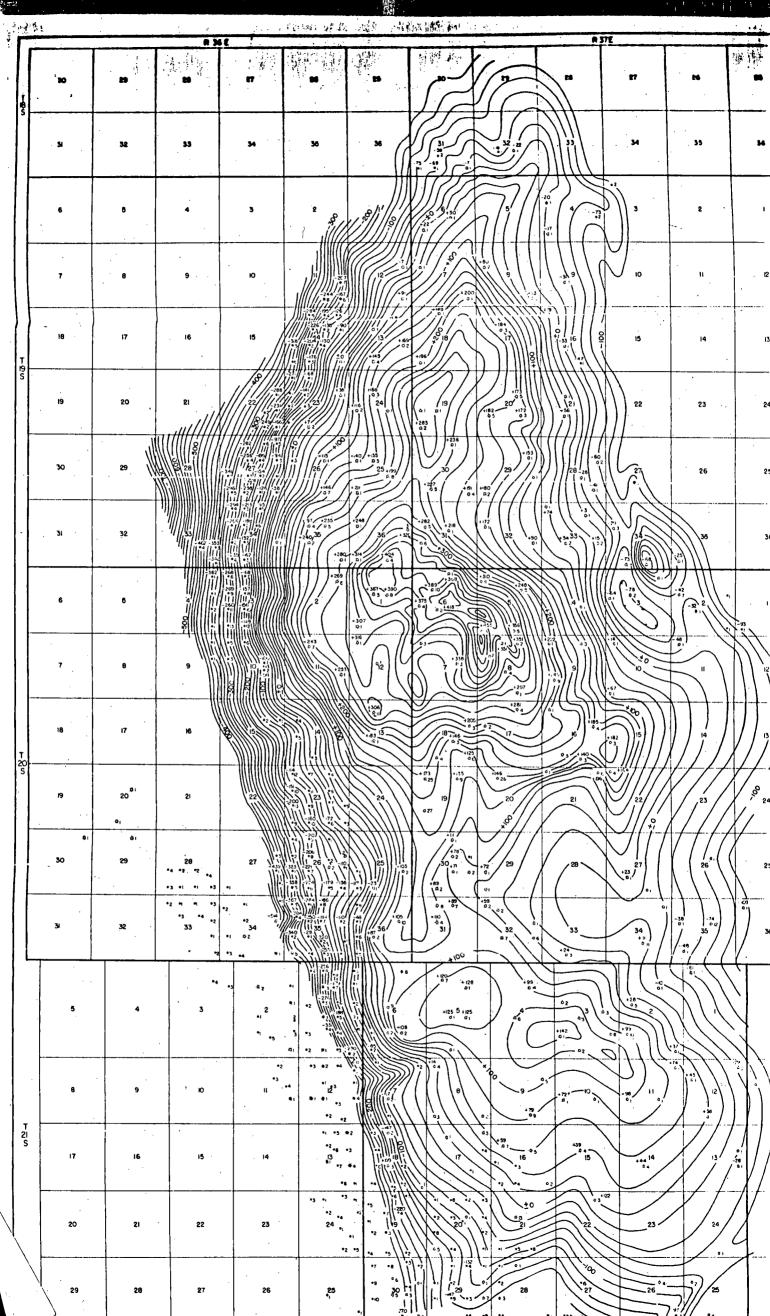
Sincerely, JOE D. RAMEY Director

JDR/RLS/dr

cc: Oil Conservation Division - Hobbs
Oil & Gas Engineering Committee - Hobbs

STATE LAND OFFICE BUILD SANTA FE, NEW MEXICO B7 (505) 827-2434

POST OFFICE BOX 2088



GAS PRODUCTION HISTORY

Date <u>4-6-82</u>

Date	0.02	· .	· · · ·			Page	9_ <u>1</u> _01_ <u>1</u>
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Operator:		K. Byrom					·
Well:		illiams "B" No	.4 (J.H.V	lilliams No.	1)		
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1964	12	39050	3254	741.7	550.2	605	
1965	12	42395	3533	784.1	446.2	483	
1966	4	9773	2443	793.9	339.2	360	
1967	12	37372	3114	831.2	417.2	450	
1968	12	9553	796	840.8	193.2	200	
1969	12	9814	818	850.6	148.2	150	
1970	12	8888	741	859.5	223.2	230	·
	10	3653	365	863.1	100.2	102	
1972	11	1052	96	864.2	151.2	150	
1973	6	534	89	864.7	119.2	130	· .
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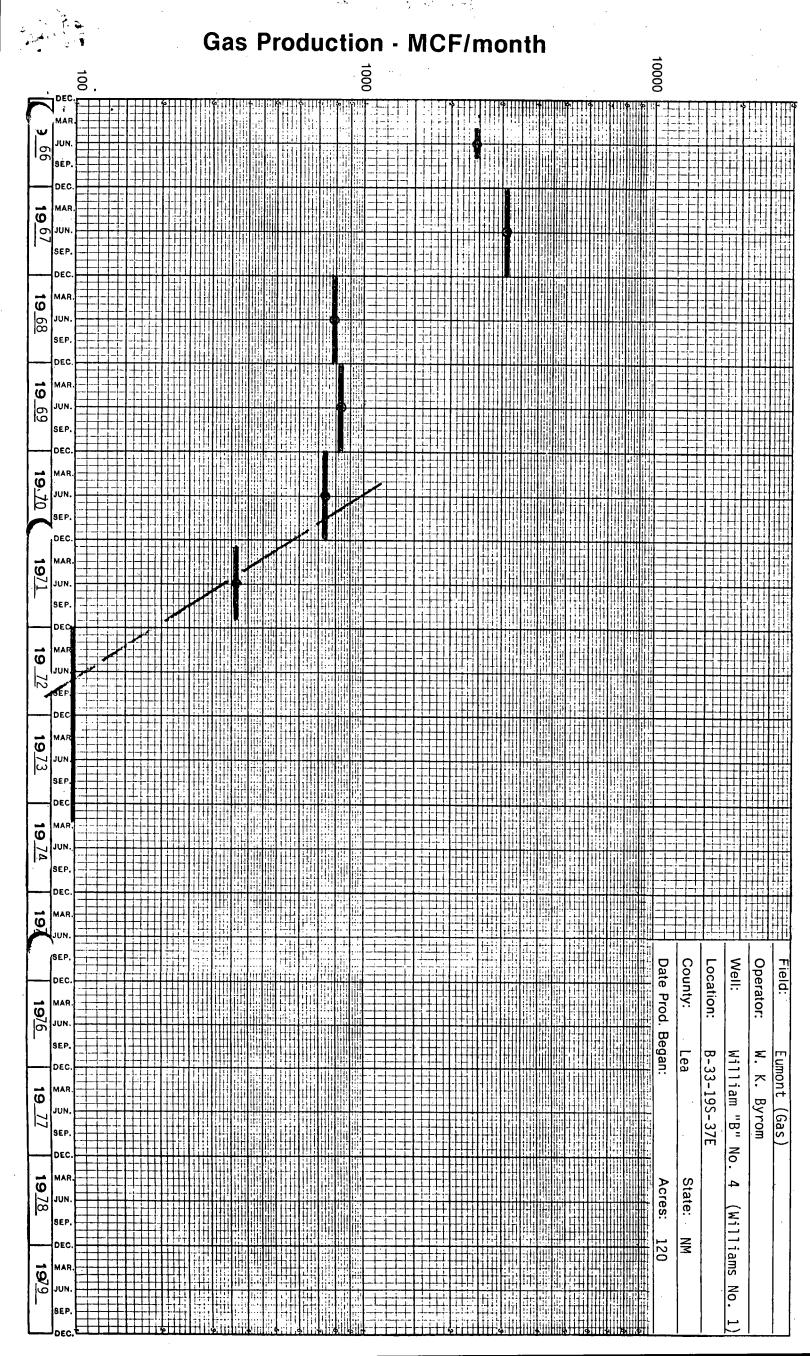
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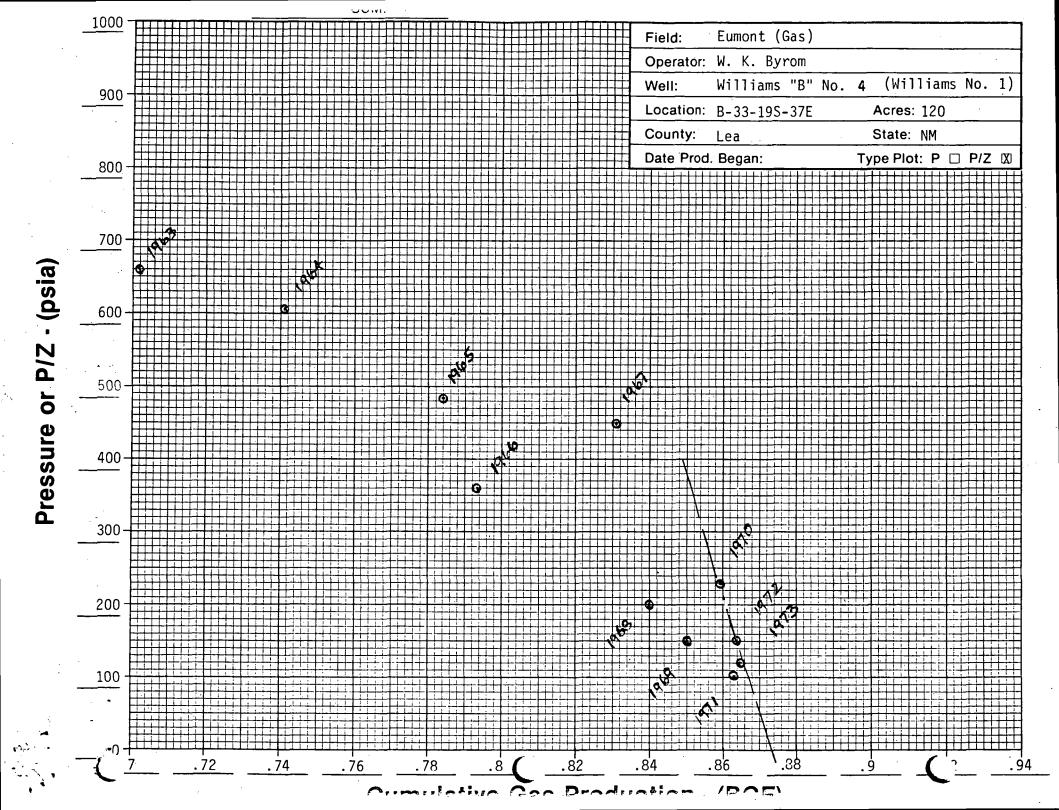
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.Perindente ar(18 Noles with 3588; 3597; 30	one hole ea 600; 3604; 3	nch at: 35 3609; 3617	; 3624; 3642;	3579-370		AMOUNT MD / /5600 15% M	IND MALLALAL U
18 Noles with 3588; 3597; 30	one hole ea 600; 3604; 3	nch at: 35 3609; 3617	; 3624; 3642;	3579-370		AMOUNE MOR	IND MALERIAL U
. Pertindente (c) (18 Holes with 3588; 3597; 30	one hole ea 600; 3604; 3	nch at: 35 3609; 3617	; 3624; 3642; ; 3697; 3700	3579-370		AMOUNT MD / /5600 15% M	IND MALLALAL U
. Ped anos les a (18 Noles with 3588; 3597; 30 3646; 3652; 30	one hole ea 600; 3604; 3 657; 3668; 3	ach at: 35 3609; 3617 3679; 3694	; 3624; 3642; ; 3697; 3700	3579-370		AMOUNT SOD /5600 15% M WF 72,300 +	100 MATLAL U 10A - 174,000
Pertension for an (18 Noles with 3588; 3597; 30 3646; 3652; 30	one hole ea 600; 3604; 3 657; 3668; 3	ach at: 35 3609; 3617 3679; 3694	; 3624; 3642; ; 3697; 3700 PRODU	UC 1101 3579-370	(луқт 0 А SI	AMOUNT MOD /5600 15% M WF 72,300 +	110 MATLATAL U 1CA - 174,000
19 Holes with 3588; 3597; 30 3646; 3652; 30	one hole ea 600; 3604; 3 657; 3668; 3	ach at: 35 3609; 3617 3679; 3694	; 3624; 3642; ; 3697; 3700 PRODUCTION FRODUCTION	UC 1101 3579-370	(ανλι 0 Α SI 	AMOUNT STOR /5600 15% M WF 72,300 +	100 MATENTAL U 1CA 174,000
19 Holes with 3588; 3597; 30 3646; 3652; 30	one hole ea 600; 3604; 3 657; 3668; 3	ach at: 35 3609; 3617 3679; 3694	; 3624; 3642; ; 3697; 3700 PRODUCTION FRODUCTION	UC 1101 3579-370	(ανλι 0 Α SI 	AMOUNT STOR /5600 15% M WF 72,300 +	100 MATENTAL U 1CA 174,000
19 Holes with 3588; 3597; 30 3646; 3652; 30	one hole ea 600; 3604; 3 657; 3668; 3	ach at: 35 3609; 3617 3679; 3694	; 3624; 3642; ; 3697; 3700 PRODUCTION FRODUCTION	UC 1101 3579-370	(ανλι 0 Α SI 	AMOUNT STOR /5600 15% M WF 72,300 +	100 MATENTAL U 1CA 174,000
Perturbation for an (18 Noles with 3588; 3597; 30 3646; 3652; 30 6-29-82 10 10 10 10 10 10 10 10 10 10 10 10 10 1	one hole ea 600; 3604; 3 657; 3668; 3 Pump H 24 Hours	ach at: 35 3609; 3617 3679; 3694	; 3624; 3642; ; 3697; 3700 PRODUCTION FRODUCTION wing (8 1/2)	UC 1101 3579-370	(ανλι 0 Α SI 	AMOUNT STOR /5600 15% M WF 72,300 +	100 MATENTAL U 1CA 174,000
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Pertenden Les part 18 Noles with 3588; 3597; 30 3646; 3652; 30 	one hole ea 600; 3604; 3 657; 3668; 3 Pump H. and Poster 24 Hours 100 Nold, used for fuel	ach at: 35 3609; 3617 3679; 3694	; 3624; 3642; ; 3697; 3700 PRODUCTION FRODUCTION wing (8 1/2)	C HON C	(AVAL 0 A SI 90 (2004) 4) 192 Water -	AMOUNT MODE /5600 15% M WF 72,300 + Well the Shu Vell the Shu Vell the Comparison of the Noter of the Shu	100 MATLATAL U 10A 174,000 11-10 11-10 11 Gavity - Alf (11 By
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Perturbation for the first of (18 Holes with 3588; 3597; 30 3646; 3652; 30 3646; 3652; 30 46; 3652; 30 46; 3652; 30 46; 3652; 30 46; 7-5-82 45; 7-5-82 46; 7-5-82 46; 7-5-82 45; 7-5-82 46; 7-5-82 46; 7-5-82 46; 7-5-82 46; 7-5-82 46; 7-5-82 46; 7-5-82 46; 7-5-82 46; 7-5-82 46; 7-5-82 46; 7-5-82 46; 7-5-82 46; 7-5-82 46; 7-5-82 46; 7-5-82 46; 7-5-82 46; 7-5-82 45; 7-5-82 45; 7-5-82 45; 7-5-82 45; 7-5-82 45; 7-5-82 45; 7-5-82 45; 7-5-82 45; 7-5-82 45; 7-5-82 45; 7-5-82 45; 7-5-82 45; 7-5-82 45; 7-5-82 45; 7-5-82 45; 7-5-82 45; 7-5-82 45;	one hole ea 600; 3604; 3 657; 3668; 3 Pump H. and French 24 Hours 24 Hours 100 Note, used for fact	ach at: 35 3609; 3617 3679; 3694	; 3624; 3642; ; 3697; 3700 PRODU wing (8 1/2) wing (8 1/2)	C HON 3579-370 UC HON C HON	(AVAL 0 A SI 10 parap) 4) 192 Water -	AMOUNT NOT /5600 15% M WF 72,300 + Well the Shu Veller - isl 1 - Pr.1. - Pr.1. - Pr.1. - Harold S	$\frac{100 \text{ MATTALAL U}}{100 \text{ MATTALAL U}}$
19:01:01:01:01:01:01:01:01:01:01:01:01:01:	one hole ea 600; 3604; 3 657; 3668; 3 Pump H. and French 24 Hours 24 Hours 100 Note, used for fact	ach at: 35 3609; 3617 3679; 3694	; 3624; 3642; ; 3697; 3700 PRODU wing (8 1/2) wing (8 1/2)	C HON 3579-370 UC HON C HON	(AVAL 0 A SI 10 parap) 4) 192 Water -	AMOUNT NOT /5600 15% M WF 72,300 + Well the Shu Veller - isl 1 - Pr.1. - Pr.1. - Pr.1. - Harold S	$\frac{100 \text{ MATTALAL U}}{100 \text{ MATTALAL U}}$
18 Noles with 3588; 3597; 3646; 3652; 364; 365; 364; 365; 364; 365; 364; 365; 364; 365; 364;	one hole ea 600; 3604; 2 657; 3668; 3 100 Sold, used for fuel	ach at: 35 3609; 3617 3679; 3694 the activity (11) ping - Floo 17/64 the activity tear inter- tear inter- tear inter- tear inter-	; 3624; 3642; ; 3697; 3700 FROD wing (8 1/2) 4 - Cil - bit.	$\frac{1}{3579-370}$	(A VAL 0 A SI 192 192 With t - the less of my k	AMOUNT NON /5600 15% M WF 72,300 + Well the Shu Well the Shu Marold Shu Marold	100 MATENTAL U 10A 174,000 11-In 11-In 11 Gravity - AFT (3 By Swain 10(12) 10(12) 10(12) 11 Gravity - AFT (10(12) 10(12
Pertenden Lee and 18 Noles with 3588; 3597; 30 3646; 3652; 30 	one hole ea 600; 3604; 2 657; 3668; 3 100 Sold, used for fuel	ach at: 35 3609; 3617 3679; 3694 the activity (11) ping - Floo 17/64 the activity tear inter- tear inter- tear inter- tear inter-	; 3624; 3642; ; 3697; 3700 PRODU wing (8 1/2) wing (8 1/2)	$\frac{1}{3579-370}$	(A VAL 0 A SI 192 192 With t - the less of my k	AMOUNT NON /5600 15% M WF 72,300 + Well the Shu Well the Shu Marold Shu Marold	100 MATTALAL U 10A 174,000 11-In 11-In 11-Convity - APT (11-Swain 10-(2002)

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	T. Salt_	141			Strawn									
· .	B. Salt_	249	95	т.	Atoka		T.	Picture	d Člífis		1	l. Pe	nn. ''D''	
	T. Yates	264			Miss									
· .	T. 7 Rive				Devonian									
·	T. Queer	345	<u>i0</u>	Т.	Siturian	······	, Т.	Point I	lookout.		''	r. En	ert	
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					Simpson									
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					Delaware Sand .									
		•			Bone Springs									
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					.to									
. · `	No. 3, fron	1		•••••••••••••••••••••••••••••••••••••••	to	· · · · · · · · · · · · · · · · · · ·	No.	6, from	n			to		•••••••
			e of water	minow au	nd elevation to wh	lich water rose	: in ĥ	ole.		·,		•	•	•
		ı	·	· · · · · · · · · · · · · · · · · · ·	to	•••••					••••••••			
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	No. 2, fron No. 3, fron	1 1			to to					feet. feet. feet.	······································			
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	No. 2, from No. 3, from No. 4, from From 1321 1410 2495 2642 2910 3450 3565	т. 1410 2495 2642 2910 3450 3565 3732	Thickness in Feet 89 1085 147 268 540 115 167	Anhyo Salt Dolor Dolor Dolor Dolor Dolor	toto to FORMATION RE Formation frite and Anhydri nite and Anh nite and San nite and San nite and San nite and San	te ydrite d d d	n add	itional.	sheets il	feet. feet. necessar Thickness	······		Formi	iion
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	No. 2, from No. 3, from No. 4, from From 1321 1410 2495 2642 2910 3450 3565	т. 1410 2495 2642 2910 3450 3565 3732	Thickness in Feet 89 1085 147 268 540 115 167	Anhyo Salt Dolor Dolor Dolor Dolor Dolor	toto to FORMATION RE Formation frite and Anhydri nite and Anh nite and San nite and San nite and San nite and San	te ydrite d d d	n add	itional.	sheets il	feet. feet. necessar Thickness	 		F or m a	lion
	No. 2, from No. 3, from No. 4, from From 1321 1410 2495 2642 2910 3450 3565	т. 1410 2495 2642 2910 3450 3565 3732	Thickness in Feet 89 1085 147 268 540 115 167	Anhyo Salt Dolor Dolor Dolor Dolor Dolor	toto to FORMATION RE Formation frite and Anhydri nite and Anh nite and San nite and San nite and San nite and San	te ydrite d d d	n add	itional.	sheets il	feet. feet. necessar Thickness	······		Forma	lion
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	No. 2, from No. 3, from No. 4, from From 1321 1410 2495 2642 2910 3450 3565	т. 1410 2495 2642 2910 3450 3565 3732	Thickness in Feet 89 1085 147 268 540 115 167	Anhyo Salt Dolor Dolor Dolor Dolor Dolor	toto to FORMATION RE Formation frite and Anhydri nite and Anh nite and San nite and San nite and San nite and San	te ydrite d d d	n add	itional.	sheets il	feet. feet. necessar Thickness	······		Forma	ilon
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		ION REPORT	
OPERATOR	DOYLE HARTMAN	ADDRESS 500 N. MA	IN, MIDLAND, TX 79702
LEASI NAME	BYROM WILLIAMS	WELL NOFIE	LD
LUCAT ION			
DEPTH	ANGLE INCLINATION DEGREES	DISPLACEMENT	DISPLACEMENT ACCUMULATED

426	•	1/2	3.7062	3.7062
916		3/4	6.4190	10.1252
1538		3/4	8.1482	18.2734
2121	· .	1	10.2025	28.4759
2583	-	1/2	4.0194	32.4953
3232		3/4	8.5019	40.9972
3730	· ·	1 1/2	13.0476	54.0448
3900		1 1/4	3.7060	57.7508

I hereby certify that the above data as set forth is true and correct to the best of my knowledge and belief.

CACTUS DRILLING COMPANY

TITLE MANAGER

AFF1DAVIT:

My COMMISSION EXPIRES FURNISHING

Before me, the undersigned authority, appeared <u>DENISE LEAKE</u> known to me to be the person whose name is subscribed herebelow, who, on making deposition, under oath states that he is acting for and in behalf of the operator of the well identified above, and that to the best of his knowledge and belief such well was not intentionally deviated from the true vertical whatsoever.

AFFIANT'S SIGNATURE

Sworn and subscribed to in my presence on this the 24 day of JUNE 3 0 1992 OFFXPL. Notary Public in and for the County GARLIN R. TAYLOR NOTARY PUBLIC NEW MEALO of Lea, State of New Mexico SEAL "OTARY BOND FILED WITH SECRETARY OF STATE

6. 1984

Inclination REPORT

:	OPELATOP	DOYLE H	IARTMAN_		ADDRESS_	500 N	MAIN.	MIDLAND.	<u></u>	32
1	•		•	2						-

LEASE NAME BYROM WILLIAMS _____ WELL NO._____FIELD

LOCAT ION

<i>i i i i i</i>	ANGLE INCLINATION DEGREES	DISPLACEMENT	DISPLACEMENT ACCUMULATED
426	1/2	3.7062	3.7062
916	3/4	6.4190	10.1252
1538	3/4	8.1482	18.2734
2121	1	10.2025	28.4759
2583	1/2	4.0194	32.4953
3232	3/4	8.5019	40.9972
3730	1 1/2	13.0476	54.0448
3900	1 1/4	3.7060	57.7508

I hereby certify that the above data as set forth is true and correct to the best of my knowledge and belief.

CACTUS DRILLING COMPANY

TITLE OFFICE MANAGER

AFF IDAVIT:

SEAL

Before me, the undersigned authority, appeared <u>DENISE LEAKE</u> known to me to be the person whose name is subscribed herebelow, who, on making deposition, under oath states that he is acting for and in behalf of the operator of the well identified above, and that to the best of his knowledge and belief such well was not intentionally deviated from the true vertical whatsoever.

SIGNATURE

JUNE

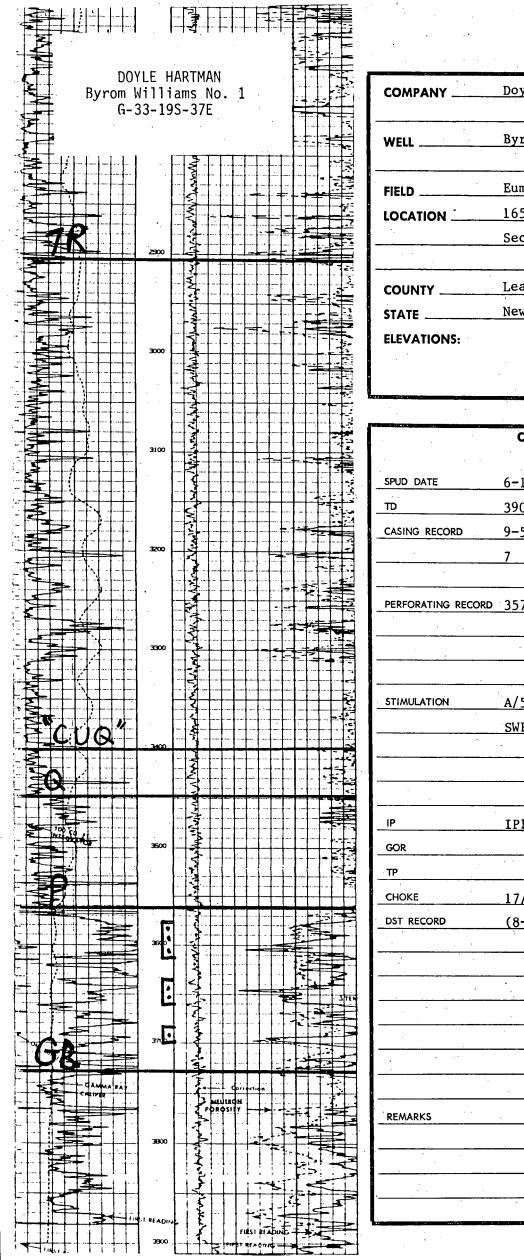
19 82

Sworn and subscribed to in my presence on this the 24 day of

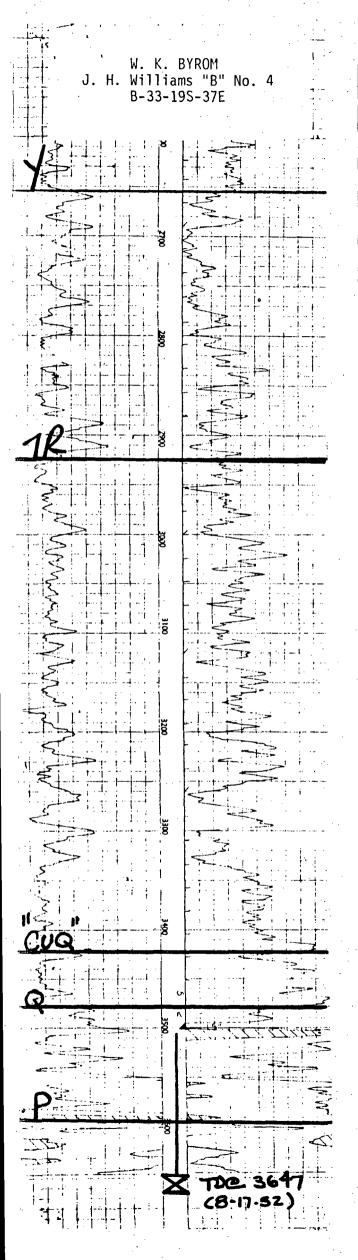
TAYLOR GARLIN R. N C A A1073 NOTARY 11. NOTARY BOND FILLO WITH STUTE MY COMMISSION EXPIRES FEDRUARY 6. 1984

Notary Public in and for the County of Lea, State of New Mexico

	i	REQUEST	FOR ALLOWABLE	Pitm C-104 Supersedes Old C-104 Effective 1-1-65
-	U.S.G.S.		ANSPORT OIL AND NATURAL (GAS
ĩ	TRANSPORTER DIL			
ı"	GAS	- :.		•
1.	PROPATION OFFICE			· · ·
	Operator Doyle Hartman			
	P. O. Box 1042	6, Midland, Texas 79702		
	Reason(s) for filing (beck proper box	Change in Transporter of:	Other (Please explain)	
	Becompletion	Change in Transporter of: Cil Dry Go Castrophend Gas Conder		
	If change of ownership give name and address of previous owner			3.
. I.,	DESCRIPTION OF WELL AND			
	Byrom-Williams	1 Eumont (Queen		
	Location		· · · · · · · · · · · · · · · · · · ·	Fee
•	· · · · ·	50 Feel From The North Lu		The East
	Line of Section 33 To	waship 195 Range	37Е , ммри, Lea	·
Ч.	DESIGNATION OF TRANSPOR	TER OF OH. AND NATURAL G		
	Liver - or white a transformer of CI	ر المراجع (Composition) الم	Audioss (Give address to which appro	aved copy of this form is to be se
	North of Authoritiest Transporter of Co	isInghead Gas [] or Dry Gas 🗙	Address (five address to which appro	oved copy of this form is to be se
	El Paso Natural Gas	Unit Sec. Twp. Pige.	P. O. Box 1384 Ja1, Ne	ew Mexico 88252
	If well produces oil or liquids, give treation of tanks,	1 1 1 1 1 	No	July 1982
	If this production is commingled we COMPLETION DATA	ith that from any other lease or pool,		
۱.	Designate Type of Completi	on - (X)	New Well Workover Deepen	Flug Back Same Resty, DI
	Designate Type of Completi	Date Court. Ready to Fred.	Total Cepth	P.B.T.D.
	6-14-82	6-29-82	3900	3896
	Elevations (DE, KAB, RT, GR, etc.)	Nome of Freducing Formation	Top Oll/Gas Day	Tubing Depth
	3570.9 GL	Queen	3579	3741 Depth Casing Shoe
:	3579-3700 w/18 Shots			3900
	HOLE SIZE '	TUBING, CASING, AN	D CEMENTING RECORD	SACKS CEMENT
,			426'	225 (circ)
	12 1/4 8 3/4	7" 23.0 1b/ft	3900'	<u>1100 (circ)</u>
:.	. TEST DAFA AND REQUEST I OUL WELL	FOR ALLOWABLE (Pest must be able for this d	after recovery of rosal volume of load oil lepth or he for full 24 hours)	l and must be equal to or exceed
	Date First New Oil Run To Tonks		Producing Method (Flow, pump, gas)	lift, etc.)
	Longth of Test	Tubing Proseuro	Casing Pressure	Chote Size
		``		
	Actual Fred. During Test	CII-BNA.	Water - Bole.	Gas-MCF
	· · · · · · · · · · · · · · · · · · ·		<u></u>	
	GAS WITH, Actual Fred, Tent-MCF/D	Longth of Tent	Bbls. Condensole/AMCF	Grovity of Condensate
	192	24 Hours		
	Teally plan of frites, back prof		Cosing Pressure (Shut-in)	Chote Size
•	Orfice Tester	see		
,	A STREET PLATE OF COMPLIA.			· · ·
	Commission been teen complied	fregulations of the Oil Connervation with and that the Information given	n li '	, 19
	erose in the end complete to t	he beet of my knowledge and bellef		
•	•		TITLE	
-	Lang Q. Hen	~~~~	If this is a request for elle	n compliance with RULE 110 owehle for a newly dilled or panied by a tabulation of the
	•	Louin ()	tests taken on the woll in acc	condance with north in.
	and a support of the second state of the secon	Tille)	able on new and recompleted -	velle.
	July 6, 1982	Date)	Fill out only Sections I, well name or number, or transp	II. III. end VI for chenges
	•	· ·	Separate Forms C=104 mi	war or itten for sect boot
	192 Trailing that of (rules, back pro) Orfice Tester CEBTINIC STEOF COMPLIAN I hereby criticy that the rules and Compassion have been completed at over 18 true and complete to the exact of the rules and complete to the rules and complete to the complete to the rules and complete to the rules and complete to the rules and complete to the rule to the r	24 Hours Tubing Frenkare (Flut-in) WCE A regulations of the Oil Connervation with and that the Information gives he, best of my knowledge and bellef mature)	Cosing Freequie (Shut-In) FCP = 100 psi OIL CONSERV APPROVED TITLE This form is to be filled in If this form must be accord tests taken on the woll in acc All sections of this form n able on new and recompleted	CLoke Sixe <u>17/64</u> (ATION CONMISSION , 19 n compliance with BULE oweble for a newly drilled panied by a tubulation of condence with BULE 111. must be filled out complete vella.



COMPANY	Doyle Hartman
WELL	Byrom-Williams No. 1
FIELD	Eumont (Gas)
	1650 FNL and 2310 FEL (G)
	Section 33, T-19-S, R-37-E
	Lea
STATE	New Mexico
ELEVATIONS:	КВ
	DF
	GL 3570.9
	COMPLETION RECORD
SPUD DATE	6-14-82 COMP. DATE 6-29-82
• · ·	
TD	3900 рвтр 3896
CASING RECORD	9-5/8 @ 426 w/225
	7 @ 3900 w/1100
· · · · · · · · · · · · · · · · · · ·	
PERFORATING RECORD	3579 - 3700 w/18
	· · · · · · · · · · · · · · · · · · ·
STIMULATION	A/5600
	SWF 72,300 + 174,000
	• • •
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-	·····
IP	IPF = 192 MCFPD
GOR	GR
ТР	ср 100
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CHOKE	17/64 TUBING 2 3/8 @ 3741
DST RECORD	$(8-1/2 \times 64 \times 1-1/4)$
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REMARKS	
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K. Byrom Aztec) H. Williams "B" No. 4 I. H. Williams No. 1) Inice-Monument
H. Williams "B" No. 4 . H. Williams No. 1) nice-Monument
. H. Williams No. 1) nice-Monument
nice-Monument
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0 FNL & 1650 FEL (B)
ction 33 T-19-S, R-37-E
a
w Mexico
кв3584
DF
GL3578
COMPLETION RECORD

	COMPLETIC	ON RECORD	
SPUD DATE	7-28-52	COMP. DATE	8-17-52
TD	3647	PBTD	3647
CASING RECORD	13-3/8 @ 2	15 w/150	
	5-1/2 @ 34	98 w/1200	•
PERFORATING RECORD	он: 3498-	3647	
·	(T/P	@ 3611)	
STIMULATION			
		· .	
	,		·····
		·. ·	
IP	IPF= 1280	MCFPD	
GOR		GR	
ТР	1032	СР	
CHOKE	TUBING	2-3/8	@ 3642
DST RECORD	1-8-68 :	SOF/47,000) + 20,000.
	2-74 :	Last Eumor	nt prod.
	7-30-74:	Well disco	onnected
		from EPNG	3.
	6-18-80:	Well deepe	ened and
REMARKS		recomplete	ed as Eunice-
	· · · · ·	Monument p	oroducer
· · · · · · · · · · · · · · · · · · ·		3692-3796	
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RIBUTION		i.				•	· V-		ed 1-1-65
AUIA-EE		NEW	MEXICO OIL	L CONS	ERVATION	COMMISSION			ite Type of Lease
ILE ·	W	/ELL COMPLI	ETION OR	RECOM	WPLETION	REPORT A		State	
J.Ş.G.S								5. State O	II & Gas Lease No.
LAND OF FICE		-			· · · · · · · · · · ·		or [
PERATOR			· · · ·			×	o 10	XIII.	THUUUUUU
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TYPE OF WELL		· .						7. Unit Ac	greement Name
,	01L . WELL				OTHER			· ·	
TYPE OF COMPLET	1011							3. Farm o	r Lease Name
NEW (NORK	X DEEPEN		DIFF.	x	OTHER	, S /		TU	Williams B
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W. K. 1	Byrom				<u> <u>r</u>xo</u>	ay/	· ·		А
Aduress of Operator		·			- <u>_</u>	, , , , , , , , , , , , , , , , , , , ,		10. Field	and Pool, or Wildcat
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5-11-80									22 and a construction of the sector
5-11-80	6-18-80 21, Plue	g Buck T.D.	7-19-80		Compl., How	3578GR	ils Retary		, Cable Tools
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3880		800					→ <u>'</u> 3640-	-3880	1 25 Was Discout 10
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3692 to 3796	Grayburg	······································		·			<u> </u>		no Wes Well Great
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Gr. Neutron					·				no
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		FT. DEPT	1. c c = 1'						
CASING SIZE.	WEIGHT LB./		H SEI	HOLE	ESIZE	CEMEI	NTING RECO	RD	AMOUNT PULLE
8-5/8	21	21	5	1	2-1/4	1:	50	RD	AMOUNT PULLE
		21		1		·····	50		
8-5/8	21	21	5	1	2-1/4	1:	50	<u>RD</u>	
8-5/8 5-½	24 17	21 34	5	1	2-1/4	1: 12(50 00		nono nonc
8-5/8	24 17	21	5	1	2-1/4	1:	50 00	RD JBING RE	nono nonc
8-5/8 5-½	24 17	21 34	5	1	2-1/4	1: 12(50 00 TL		nono nonc
8-5/8 5-½	24 17 L	21 34 INER RECORD BOTTOM	5	1	2 <u>/</u> 77/8]: 12(JBING RE	NONO NONC ECORD PACKER SET
8-5/8 5-½	24 17 L	21 34 INER RECORD	5 98 SACKS CEN	1	2 <u>/</u> 77/8	!: 12(JBING RE	nono nonc ECORD
8-5/8 5-½	24 17 L TOP 3375	21 34 INER RECORD BOTTOM 3880	5 98 SACKS CEN	1	2-4 7-7/8 SCREEN	1: 12(30. 51ZE -2=-3/8-		JBING RE TH SET 792	NONO NONC ECORD PACKER SET
$\frac{8-5/8}{5-\frac{1}{2}}$	2A 17 L TOP 3375	21 34 INER RECORD BOT TOM 3880 1 number)	5 98 SACKS CEN	1	2-1/ 7-7/8 SCREEN	1: 12(30. 51ZE -2=-3/8-	50 00 TL 0EP 37 RACTURE, C	JBING RE TH SET 792 EMENT S	nono- nono- ECORD PACKER SET
$\frac{8-5/8}{5-\frac{1}{2}}$	2A 17 L TOP 3375	21 34 INER RECORD BOT TOM 3880 1 number)	5 98 SACKS CEN	1	21/8 77/8 SCREEN 32. A DEPTH II	1: 12(30. 512 E -23/8- CID, SHOT, F NTERVAL	50	JBING RE TH SET 792 EMENT S	NONO NONC ECORD PACKER SET NONC SQUEEZE, ETC. KIND MATERIAL USED
$\frac{8-5/8}{5-\frac{1}{2}}$	2A 17 L TOP 3375	21 34 INER RECORD BOTTOM 3880 1 number)	5 98 SACKS CEN	1	21/8 77/8 SCREEN 32. A DEPTH II 3692-379	1: 12(30. SIZE -2-3/8. CID, SHOT, F NTERVAL 6	50 00 ПО ПО ПЕР ЗТ RACTURE, С Амон 3500gal	JBING RE TH SET 792 EEMENT S NT AND H 15% N	nono nonc ECORD PACKER SET NONC SQUEEZE, ETC. KIND MATERIAL USED IF.acid
$\frac{8-5/8}{5-\frac{1}{2}}$	2A 17 L TOP 3375	21 34 INER RECORD BOTTOM 3880 1 number)	5 98 SACKS CEN	1	21/8 77/8 SCREEN 32. A DEPTH II	1: 12(30. SIZE -2-3/8. CID, SHOT, F NTERVAL 6	50 00 ПО ПО ПЕР ЗТ RACTURE, С Амон 3500gal	JBING RE TH SET 792 EEMENT S NT AND H 15% N	NONO NONC ECORD PACKER SET NONC SQUEEZE, ETC. KIND MATERIAL USED
$\frac{8-5/8}{5-\frac{1}{2}}$	24 17 L TOP 3375 aterval. size and 8,52,56,70	21 34 INER RECORD BOTTOM 3880 1 number)	5 98 SACKS CEN	1	21/8 77/8 SCREEN 32. A DEPTH II 3692-379	1: 12(30. SIZE -2-3/8. CID, SHOT, F NTERVAL 6	50 00 ПО ПО ПЕР ЗТ RACTURE, С Амон 3500gal	JBING RE TH SET 792 EEMENT S NT AND H 15% N	nono nonc ECORD PACKER SET NONC SQUEEZE, ETC. KIND MATERIAL USED IF.acid
$\frac{8-5/8}{5-\frac{1}{2}}$ 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3.	24 17 L TOP 3375 aterval. size and 8,52,56,70	21 34 INER RECORD BOTTOM 3880 1 number)	5 98 SACKS CEN	1	2-4 7-7/8 SCREEN 32. A DEPTH II 3692-379 3692-379	1: 12(30. SIZE -2-3/8. CID, SHOT, F NTERVAL 6	50 00 ПО ПО ПЕР ЗТ RACTURE, С Амон 3500gal	JBING RE TH SET 792 EEMENT S NT AND H 15% N	nono nonc ECORD PACKER SET NONC SQUEEZE, ETC. KIND MATERIAL USED IF.acid
$\frac{8-5/8}{5-\frac{1}{2}}$ size $4-\frac{1}{2}$ 1. Performing Record (/) 3692,3707,26,3 10 hole 3.	24 17 L TOP 3375 aterval, size and 8,52,56,70 s 35''	21 34 INER RECORD BOTTOM 3880 1 number)	5 98 5ACKS CEN 	MENT PRODU	2-4 7-7/8 SCREEN 32. A DEPTH II 3692-379 3692-379 JCTION	1: 12(30. 512E -2=3/8 CID, SHOT, F NTERVAL 6 	50 00 ПО ПО ПЕР ЗТ RACTURE, С Амон 3500gal	JBING RE TH SET 792 EMENT S NT AND H 15% N al 2%K	nono nonc ECORD PACKER SET NONC SQUEEZE, ETC. KIND MATERIAL USED IF.acid
$\frac{8-5/8}{5-\frac{1}{2}}$ 3. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5	24 17 L TOP 3375 aterval. size and 8,52,56,70 s 35" Produ	21 34 INER RECORD BOT TOM 3880 (number) 0,82,88 & 3 (number)	5 98 5ACKS CEN 75 5796	PRODU	2-4 7-7/8 SCREEN 32. A DEPTH II 3692-379 3692-379 JCTION ng - Size and	1: 12(30. 512E -2=3/8 CID, SHOT, F NTERVAL 6 	50 00 ПС ВЕР 37 RACTURE, С Амон 3500gal 20,000ga	JBING RE TH SET 792 EMENT S NT AND H 15% N al 2%K	nono nonc PACKER SET PACKER SET NONC SQUEEZE, ETC. KIND MATERIAL USED IEacid CLWator&20,000/
$\frac{8-5/8}{5-\frac{1}{2}}$ 5.12 E 4-\frac{1}{2} 1. Ferforation Record (/) 3692, 3707, 26, 3 10 hole	24 17 L TOP 3375 aterval. size and 8,52,56,70 s 35" Produ	21 34 INER RECORD BOT TOM 3880 (number) 0,82,88 & 3 (number)	5 98 5ACKS CEN 75 796	PRODU r. J. H.	2-4 7-7/8 SCREEN 32. A DEPTH II 3692-379 3692-379 JCTION ng - Size and	1: 12(30. 512E -2=3/8 CID, SHOT, F NTERVAL 6 	50 00 TL DEP 37 RACTURE, C AMOUN 3500gal 20,000ga	JBING RE TH SET 792 EMENT S NT AND H 15% N al 2%K	nono nonc ECORD PACKER SET NONC SQUEEZE, ETC. KIND MATERIAL USED IF.acid SCLWator&20,000/
$\frac{8-5/8}{5-\frac{3}{2}}$ 3. SIZE $4-\frac{3}{2}$ 1. Ferforation Record (/ 3692, 3707, 26, 3 10 hole 3. THE First Production 7-19-80 output Test	24 17 L TOP 3375 aterval. size and 8,52,56,70 s 35" Produ	21 34 INER RECORD BOTTOM 3880 (number) 0,82,88 & 3	5 98 5ACKS CEN 75 5796	PRODU r. J. H.	2-1/4 7-7/8 SCREEN 32. A DEPTH II 3692-379 3692-379 JCTION ng - Size and DCTION ng - Size and DCTION	1: 12(30. SIZE -2-3/8. CID, SHOT, F NTERVAL 6. 6. 15pc pump) Gas MC	50 00 TL DEP 37 RACTURE, C AMOUN 3500gal 20,000ga F' Water	JBING RE TH SET 792 EMENT S NT AND F 15% N al 2%K well Sto prodo Bbl.	nono nonc PACKER SET PACKER SET SQUEEZE, ETC. KIND MATERIAL USED IF.acid CLWator&20,000/ Ditus (Prod. or Shut-in) Dducing Cos - Oll Hallo
8=5/8 5-½ 3. 5-½ 3. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5.	24 17 L TOP 3375 aterval. size and 8,52,56,70 s 35" Produ pun Hours Tested 24	21 34 INER RECORD BOTTOM 3880 (number)),82,88 & 3 (number)),82,88 & 3 (number)),82,88 & 3 (number)),82,88 & 3	5 98 SACKS CEN 75 796 796 796 796 796	PRODU ft, pumpir or tod	2-1/4 7-7/8 SCREEN 32. A DEPTH II 3692-379 3692-379 JCTION ng - Size and DCTION ng - Size and DCTION	1: 12(30. SIZE -2-3/8. CID, SHOT, F NTERVAL 6. 6. 15pc pump) Gas MC	50 00 TL DEP 37 RACTURE, C AMOUN 3500gal 20,000ga F' Water	JBING RE TH SET 792 EMENT S NT AND F 15% N al 2%K well Sto prodo Bbl.	nono nonc PACKER SET PACKER SET SQUEEZE, ETC. KIND MATERIAL USED IF.acid CLWator&20,000/ Ditus (Prod. or Shut-in) Dducing Cos - Oll Hallo
$\frac{8-5/8}{5-\frac{3}{2}}$ 3. SIZE $4-\frac{3}{2}$ 1. Ferforation Record (/ 3692, 3707, 26, 3 10 hole 3. THE First Production 7-19-80 output Test	24 17 L TOP 3375 aterval. size and 8,52,56,70 s 35" Produ	21 34 INER RECORD BOTTOM 3880 (number)),82,88 & 3 (number)),82,88 & 3 (number)),82,88 & 3 (number)),82,88 & 3	5 98 SACKS CEN 75 796 796 796 796 796	PRODU ft, pumpir or tod	$\frac{2-\frac{1}{4}}{7-\frac{7}{8}}$ SCREEN $\frac{32. A}{\text{DEPTH II}}$ $\frac{36.92-37.9}{36.92-37.9}$ JCTION $\frac{10}{10} - \frac{5ize \ ani}{25}$ $\frac{25}{\text{Cas} - MC}$	1: 12(30. SIZE 2-3/8- CID, SHOT, F NTERVAL 6 16 16 19pc pump) Gas MC 30,000 CF	50 00 ТС DEP 37 RACTURE, C Амонн 3500gal 20,000ga 20,000ga	JBING RE TH SET 792 EEMENT S 15% N al 2%K Well Sta prodo Bbl. 30	nono nonc PACKER SET PACKER SET PACKER SET NONC SQUEEZE, ETC. KIND MATERIAL USED IF.acid CLWator&20,000/ atus (Prod. or Shut-in) Dducing Cos - Oll Flatto 12 DIL Gravity - API (Corr.)
	24 17 L TOP 3375 aterval, size and 8,52,56,70 S 35" Produ Produ pun Hours Tester 24 Casing Pressur 50	21 34 INER RECORD BOT TOM 3880 1 number) 0,82,88 & 3 4 number) 0,82,88 & 4 4 number) 1/2,12	5 98 SACKS CEN 75 796 796 796 796 796	PRODU ft, pumpir or tod	2-1/4 7-7/8 SCREEN 32. A DEPTH II 3692-379 3692-379 JCTION ng - Size and DCTION ng - Size and DCTION	1: 12(30. SIZE 2-3/8- CID, SHOT, F NTERVAL 6 16 16 19pc pump) Gas MC 30,000 CF	50 00 ТС DEP 37 RACTURE, C Амонн 3500gal 20,000ga 20,000ga	JBING RE TH SET 792 EEMENT S 15% N al 2%K Well Sta prodo Bbl. 30	nono nonc PACKER SET PACKER SET PACKER SET NONC SQUEEZE, ETC. KIND MATERIAL USED IF.acid CLWator&20,000/ atus (Prod. or Shut-in) Dducing Cos - Oll Flatto 12 DIL Gravity - API (Corr.)
$\frac{8-5/8}{5-\frac{1}{2}}$ 2. SIZE $A-\frac{1}{2}$ 1. Performion Record (/ 3692, 3707, 26, 3 10 hole 3. The First Production 7-19-80 oute of Test 7-22-80 Tow Tubing Press.	24 17 L TOP 3375 aterval, size and 8,52,56,70 S 35" Produ Produ pun Hours Tester 24 Casing Pressur 50	21 34 INER RECORD BOT TOM 3880 1 number) 0,82,88 & 3 4 number) 0,82,88 & 4 4 number) 1/2,12	5 98 SACKS CEN 75 796 796 796 796 796	PRODU PRODU ft, pumpin T_HL or tool 1.	$\frac{2-\frac{1}{4}}{7-\frac{7}{8}}$ SCREEN $\frac{32. A}{\text{DEPTH II}}$ $\frac{36.92-37.9}{36.92-37.9}$ JCTION $\frac{10}{10} - \frac{5ize \ ani}{25}$ $\frac{25}{\text{Cas} - MC}$	1: 12(30. SIZE 2-3/8- CID, SHOT, F NTERVAL 6 16 16 19pc pump) Gas MC 30,000 CF	50 00 ТС DEP 37 RACTURE, C Амонн 3500gal 20,000ga 20,000ga	JBING RE TH SET 792 EMENT S NT AND F 15% N al 2%K well Sto prodo Bbl.	nono nonc PACKER SET PACKER SET PACKER SET NONC SQUEEZE, ETC. KIND MATERIAL USED IF.acid CLWator&20,000/ atus (Prod. or Shut-in) Dducing Cos - Oll Flatto 12 DIL Gravity - API (Corr.)
$8=5/8$ $5=\frac{1}{2}$ 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3.	24 17 L TOP 3375 aterval, size and 8,52,56,70 S 35" Produ Produ pun Hours Tester 24 Casing Pressur 50	21 34 INER RECORD BOT TOM 3880 1 number) 0,82,88 & 3 4 number) 0,82,88 & 4 4 number) 1/2,12	5 98 SACKS CEN 75 796 796 796 796 796	PRODU PRODU ft, pumpin T_HL or tool 1.	$\frac{2-\frac{1}{4}}{7-\frac{7}{8}}$ SCREEN $\frac{32. A}{\text{DEPTH II}}$ $\frac{36.92-37.9}{36.92-37.9}$ JCTION $\frac{10}{10} - \frac{5ize \ ani}{25}$ $\frac{25}{\text{Cas} - MC}$	1: 12(30. SIZE 2-3/8- CID, SHOT, F NTERVAL 6 16 16 19pc pump) Gas MC 30,000 CF	50 00 TL DEP 37 RACTURE, C AMOUR 3500gal 20,000ga 20,000ga F [*] Wuter ater – Bbl. 30 Test	JBING RE TH SET 792 EEMENT S 15% N al 2%K Well Sta prodo Bbl. 30	nono- nonc PACKER SET PACKER SET PACKER SET NONC- SQUEEZE, ETC. KIND MATERIAL USED IFACId CLWator&20,000/ CLWATOR&20,000/ CLWA
$= \frac{8-5/8}{5-\frac{1}{2}}$ 3. SIZE $= \frac{4-\frac{1}{2}}{1. \text{ Performing Record (I)}}$ 3. 10 hole 3. The First Production 7-19-80 other of Test 7-22-80 Tow Tubing Press. 50 4. Disposition of Gas (States)	24 17 L TOP 3375 aterval, size and 8,52,56,70 S 35" Produ Produ pun Hours Tester 24 Casing Pressur 50	21 34 INER RECORD BOT TOM 3880 1 number) 0,82,88 & 3 4 number) 0,82,88 & 4 4 number) 1/2,12	5 98 SACKS CEN 75 796 796 796 796 796	PRODU PRODU ft, pumpin T_HL or tool 1.	$\frac{2-\frac{1}{4}}{7-\frac{7}{8}}$ SCREEN $\frac{32. A}{\text{DEPTH II}}$ $\frac{36.92-37.9}{36.92-37.9}$ JCTION $\frac{10}{10} - \frac{5ize \ ani}{25}$ $\frac{25}{\text{Cas} - MC}$	1: 12(30. SIZE 2-3/8- CID, SHOT, F NTERVAL 6 16 16 19pc pump) Gas MC 30,000 CF	50 00 TL DEP 37 RACTURE, C AMOUR 3500gal 20,000ga 20,000ga F [*] Wuter ater – Bbl. 30 Test	UBING RE TH SET 792 EMENT S 15% N al 2%K well Sta prodo Bbl. 30 Witnessed	nono- nonc PACKER SET PACKER SET PACKER SET NONC- SQUEEZE, ETC. KIND MATERIAL USED IFACId CLWator&20,000/ CLWATOR&20,000/ CLWA
$= \frac{8-5/8}{5-\frac{3}{2}}$ 3. SIZE $= \frac{4-\frac{3}{2}}{2}$ 1. Forforction Record (// 3692, 3707, 26, 3 10 hole 3. The First Production 7-19-80 of Test 7-22-80 Tow Tubing Press. 50 4. Disposition of Gas (S Sold 5. List of Attachments	24 17 L TOP 3375 aterval, size and 8,52,56,70 Sold, used for fue Sold, used for fue	21 34 INER RECORD BOT TOM 3880 I number) 0,82,88 & 3 Inction Method (File nping 1/x12 Choke Size 21 Choke Size 21 Calculated 2 Hour Hate el, vented, etc.)	5 98 5ACKS CEN 75 796 796 796 796 796 796 797 796 796	PRODU PRODU PRODU (t. pumpin -T. H. or tod 1. -25	2-4 7-7/8 SCREEN 32. A DEPTH II 3692-379 3692-379 3692-379 JCTION ng - Size and DI - Bbl. -25 Gas - MC 30,00	1: 12(30. SIZE 2=-3/8. CID, SHOT, F N TERVAL 6. 6. 19 C Pump) Cas - MC 27 30,000 W 10	50 00 TL DEP 37 RACTURE, C AMOUR 3500gal 20,000ga F' Water ater – Bbl. 30 Test C, 1	UBING RE TH SET 792 EMENT S 15% N al 2%K Well Sta prodo Bbl. 30 Witnessed W.Byrc	nono- nono- nono- ECORD PACKER SET PACKER SET NONO- SQUEEZE, ETC. KIND MATERIAL USED IF.ac.id CLWator&20,000/ CLWATOR&20,000/
$8=5/8$ $5=\frac{1}{2}$ 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3.	24 17 L TOP 3375 aterval, size and 8,52,56,70 Sold, used for fue Sold, used for fue	21 34 INER RECORD BOT TOM 3880 I number) 0,82,88 & 3 Inction Method (File nping 1/x12 Choke Size 21 Choke Size 21 Calculated 2 Hour Hate el, vented, etc.)	5 98 5ACKS CEN 75 796 796 796 796 796 796 797 796 796	PRODU PRODU PRODU (t. pumpin -T. H. or tod 1. -25	2-4 7-7/8 SCREEN 32. A DEPTH II 3692-379 3692-379 3692-379 JCTION ng - Size and DI - Bbl. -25 Gas - MC 30,00	1: 12(30. SIZE 2=-3/8. CID, SHOT, F N TERVAL 6. 6. 19 C Pump) Cas - MC 27 30,000 W 10	50 00 TL DEP 37 RACTURE, C AMOUR 3500gal 20,000ga F' Water ater – Bbl. 30 Test C, 1	UBING RE TH SET 792 EMENT S 15% N al 2%K Well Sta prodo Bbl. 30 Witnessed W.Byrc	nono- nono- nono- ECORD PACKER SET PACKER SET NONO- SQUEEZE, ETC. KIND MATERIAL USED IF.ac.id CLWator&20,000/ CLWATOR&20,000/
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escribe Proposed or Complet why see nuce 1103. 2-80:	ied Operations (Clearly state a	ll pertinent details, and	l give pertinent dates,	including est	imated date of sta	rting any p
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El Paso Natural Gas Company

El Paso, Texas 79975

July 30, 1974

Oil Conservation Commission State of New Mexico P. O. Box 1980 Hobbs, New Mexico 88240

Gentlemen:

This is to advise that on July 30, 1974 the Aztec Oil & Gas Co.'s Williams #1, Eumont gas well located in Unit B, of Section 22, Township 19, Range 37, Lea County, New Mexico was disconnected from El Paso Natural Gas Co.'s gathering system.

This disconnection was due to well being temporarily abandoned.

Yours truly,

PERMIAN DIVISION DISPATCHING DEPARTMENT

NEW MERICO

Ciamin In Ellerte

Travis R. Elliott Gas Production Status Analyst

TRE:b1

cc:	Mr. James Kapteina, Proration Dept.	0.C.C.,	Santa	Fe,	NM
	H. O. Whitt				
-	Gas Purchases				•
11	Sam Smith	•			
	H. P. Logan				
	T. J. Crutchfield				
•	Operator				
· ·	Measurement	· ·			•
	R. H. Barnett				
	Earl Smith	· · ·			
-	A. L. Fuller				· ·
•	R. T. Speer	•			· .
	B. D. Ballard	6.			
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R372		. M. P.	M.,	Monument		Field,	Lea		· · · · · · · · · · · · · · · · · · ·	County.
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	52	3498	1	1200		n			11 II	<u>n</u>
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PLUGS AND ADAPTERS

Heaving plug---Material______Depth Set_____Depth Set_____

Adapters---Material ______Size_____

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					Length		Depth Se)t	
برید جرب	∆daptersM	laterial			_Size				
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	Rock pressur	re, ibs, per sq	. in	· •	EMPLOY	•	· · · ·	· ·	
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		• • ••	· · ·	· ·			PO Box 864 Hobbs, N.M.	Company or Operato	r
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	Base Top Y Top G	Salb atcs ucch	- 2535 2691 - 3525						
	Top P	enrose	- 3611	•					
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OIL CONSERVATION COMMISSION Santa Fe, New Mexico

CELW

AUG 22 1952

OIL CONSERVATION COMMISSION

REQUEST FOR (OIL)-(GAS) ALLOWABLE

It is necessary that this form be submitted by the operator before and the stock tanks. Gas must be that date in the case of an oil well when oil is delivered into the stock tanks. Gas must be reported on 15,025 P.B. at 60° Eabrenetf.

on date of completion, pro The completion date shall into the stock tanks. Gas	be that date in the ease	t is filed du 2 oftan oil w	ell when oil f	completion.
llobbo, N.H.	٨١١٨	nist 19, 1952		· · · ·
j'la	2e	······································	Date	
WE ARE HEREBY REQUESTING	AN ALLOWABLE FOR A WELL F	NOWN AS:		
Southern Union Gas Co	Williams W	Vell No 1	in. HY 1/4	
section_33, T199_,	R. 375	printPo	001 193	County
Please indicate location:	Elevation 350% RDB Si	nudded 7-14	52 Completed_5	-1752
	Total Depth 3647	P.B. 🛥	·····	·
	Top six (Gas Pav 3611) Initial Production Test	Top Wat	er Day Flow 1280 MCF	D (ROPD OR CU.FT.)
	Based on Bbls. 01			
	Method of Test (Pitot,			
	Stze of choke in inches			
	Tubing (Size) 2" EUE			
	Pressures: Tubing Shut			
	Gas/011 Ratio	ing Perforat		
	Open heel	•		•
Enit letter:B	Acid Record:	· . ·	ow of 011.Gas	
Casing & Cementing Record	None Gals to	· · · ·		
Size Feet Sax	Gals to			
	Gals to			
8-5/8 215 150	Shooting Record.	S./ S./		-
	None Qis to Uts to			
53 8498 1200	Uts to	5/		· · · ·
		S/		
	Natural Production Test	•• •		
	Test after acid or shot	t :	Pumping	Flowing
Please indicate below For		e with geogr	aphical sectio	on of state):
Southeast	ern New Mexico		thwestern New	
Τ. Anhy 1330			ο ΑΓαπο	
1. Salt 2534	T. Silurian T. Montova		rtland-Fruitle	
B. Salt 2534			ctured Cliffs	
1. 7 Rivers	T. McKee			
T. Queen 3525			nefee	
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(Please supply required information on reverse side of form)

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DOYLE HARTMAN Oll Operator 500 N. MAIN P. O. BOX 10426 MIDLAND, TEXAS 79702

(915) 684-4011

July 23, 1982

To All Off-Setting Eumont Dry Gas Owners Byrom-Williams No. 1 S/2 NE/4 and NW/4 NE/4 Section 33, T-19-S, R-37-E Lea County, New Mexico

Re: Notification of Section 103 Infill Filing

Gentlemen:

Please be informed that within the next few days we will be filing with the Commission a request to classify the subject well as an infill Eumont Gas well located on a previously existing 120 acre Eumont Gas location consisting of the S/2 NE/4 and NW/4 NE/4 of Section 33, T-19-S, R-37-E, Lea County, New Mexico.

Very truly yours,

DOYLE-HARTMAN

Becky Eichinger Administrative Assistant

BE/1r

W. K. Byrom 103 West Lea Hobbs, New Mexico 88240

Amerada Hess Corporation P. O. Drawer D Monument, New Mexico 88265

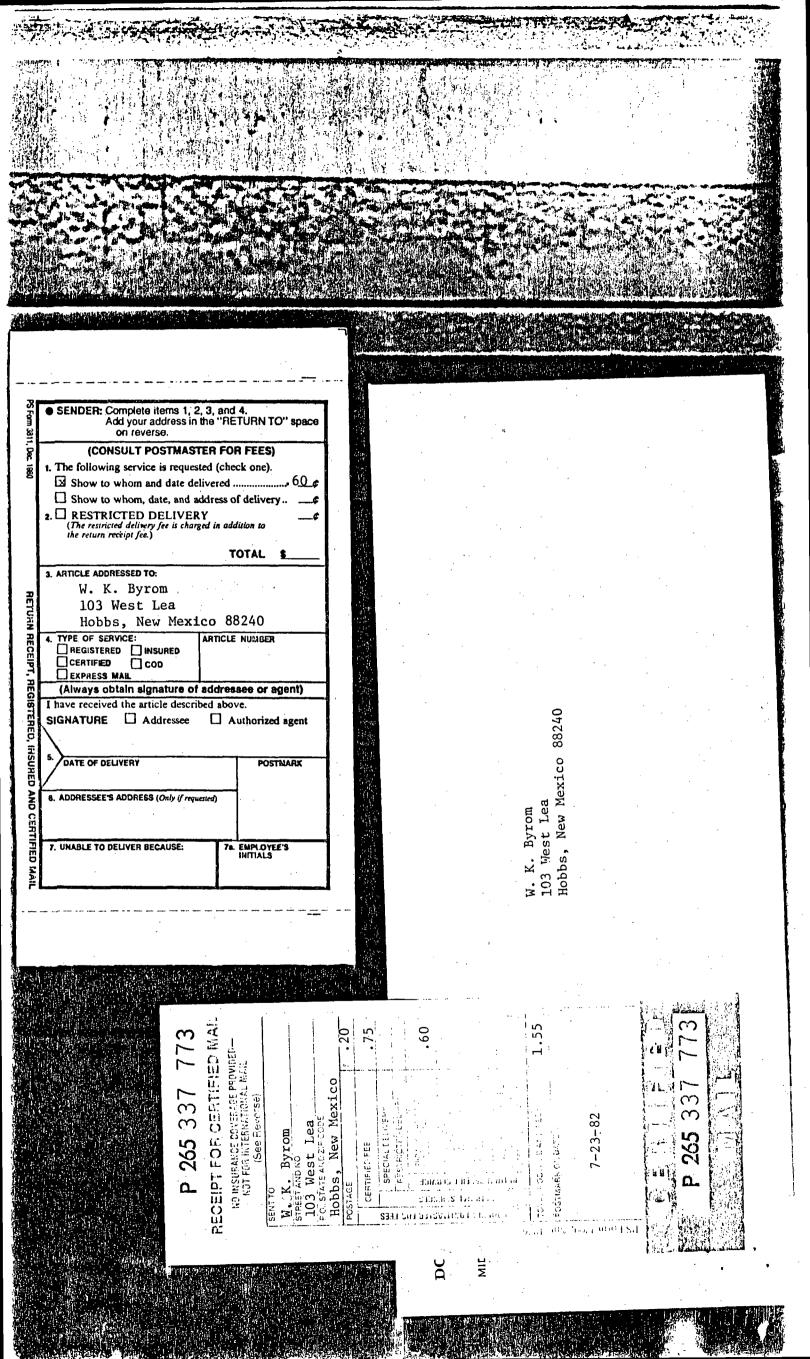
Marathon Oil Company P. O. Box 552 Midland, Texas 79702 Attention: Don Duddleston District Landman

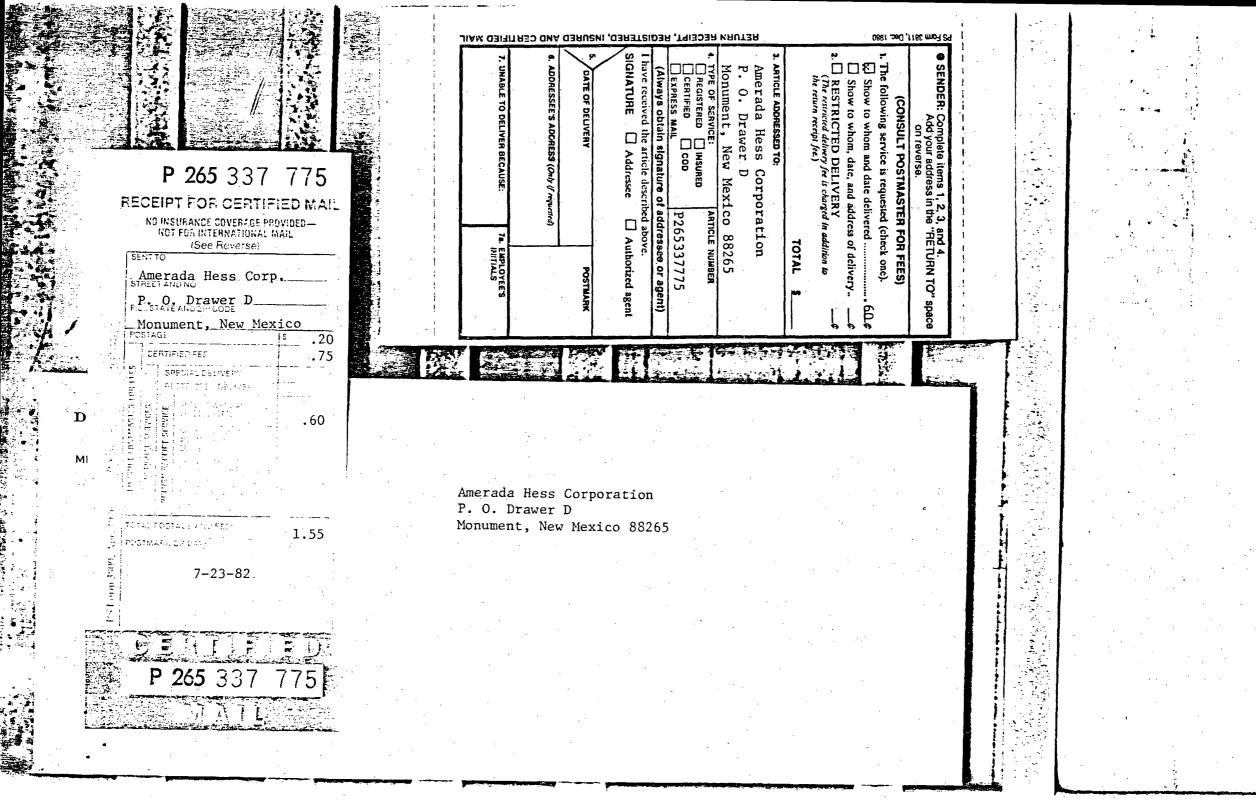
Gulf Oil Exploration and Production Company P. O. Box 1150 Midland, Texas 79702 Attention: Steve Fly, Land Department Attention: Don Duddleston, District Landman

Arco Oil and Gas Company P. O. Box 1610 Midland, Texas 79702 Attention: Huan Pham, Area Engineer

Great Western Drilling Company P. O. Box 1659 Midland, Texas 79702 Attention: R. J. Artley, Chief Engineer

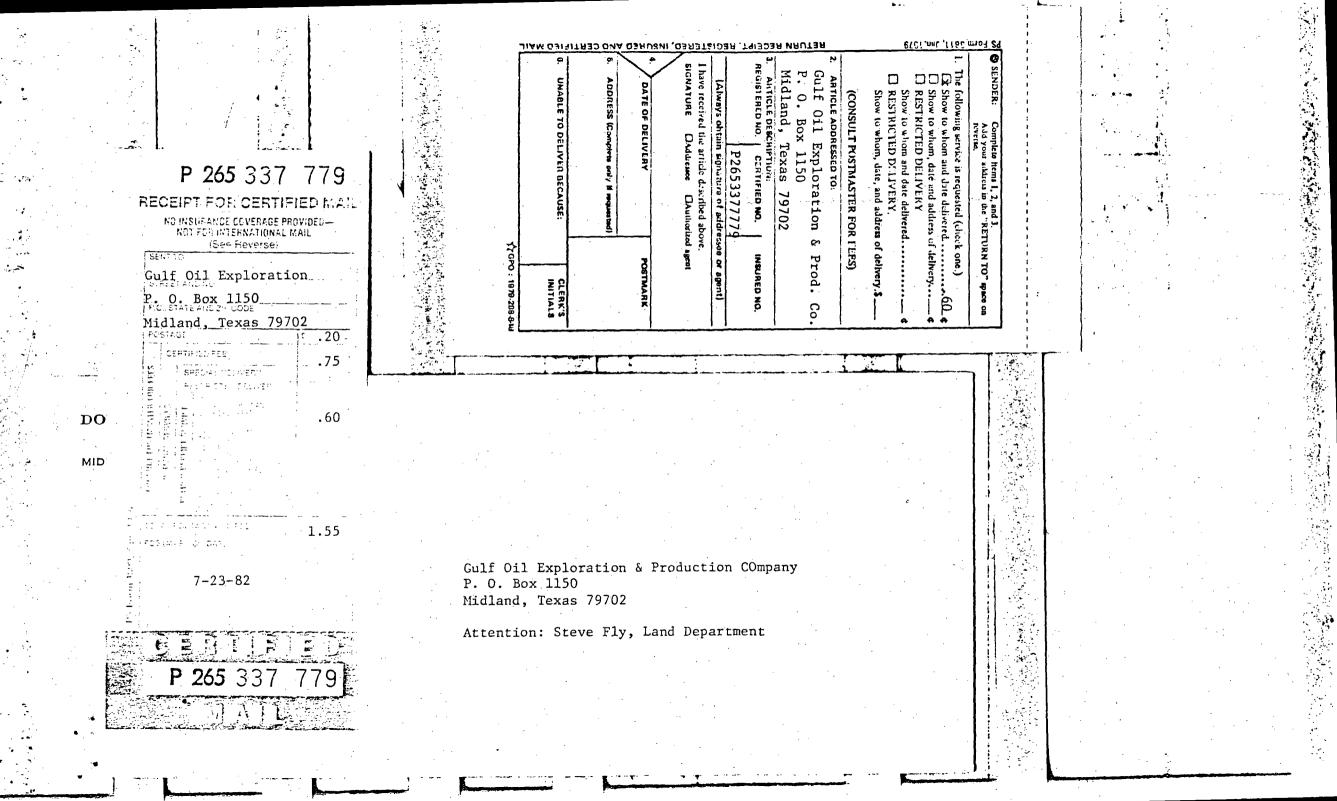
Southland Royalty Company 1100 Wall Towers West Midland, Texas 79701 Attention: Kenneth W. Harbin District Production Manager



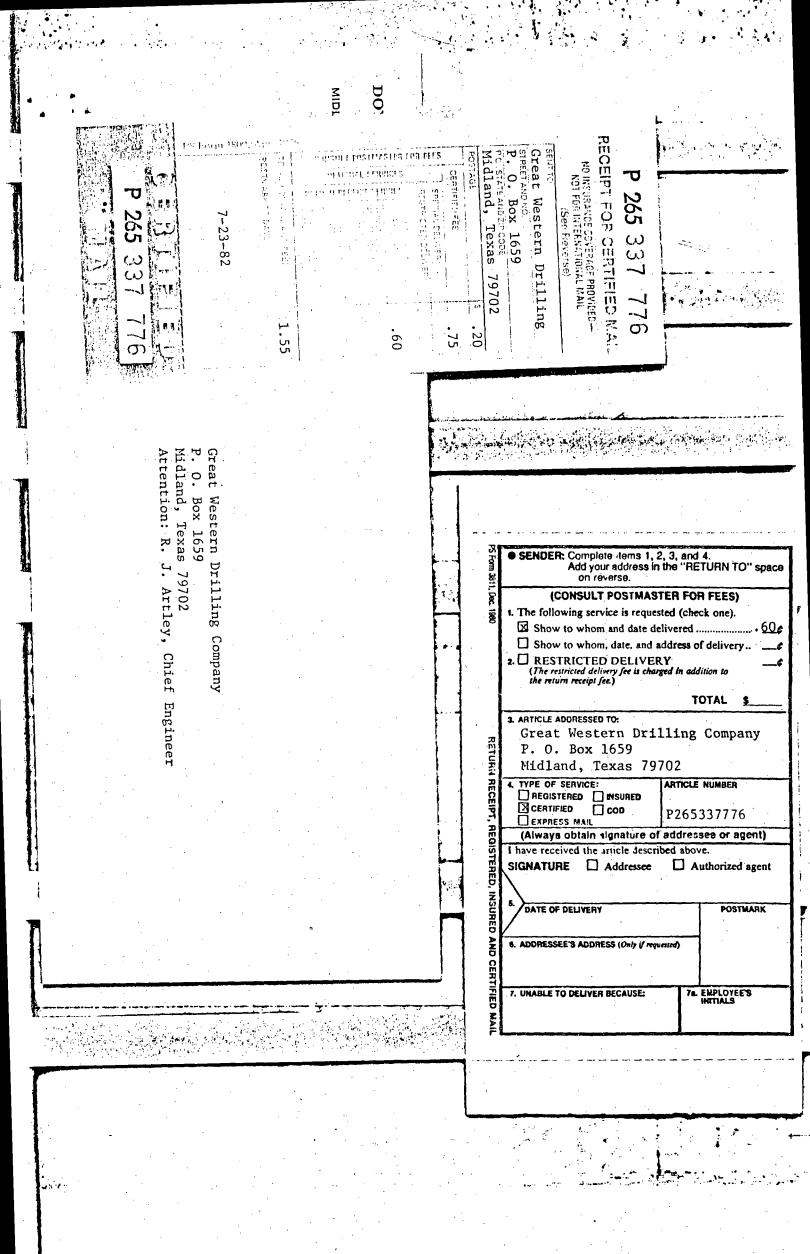


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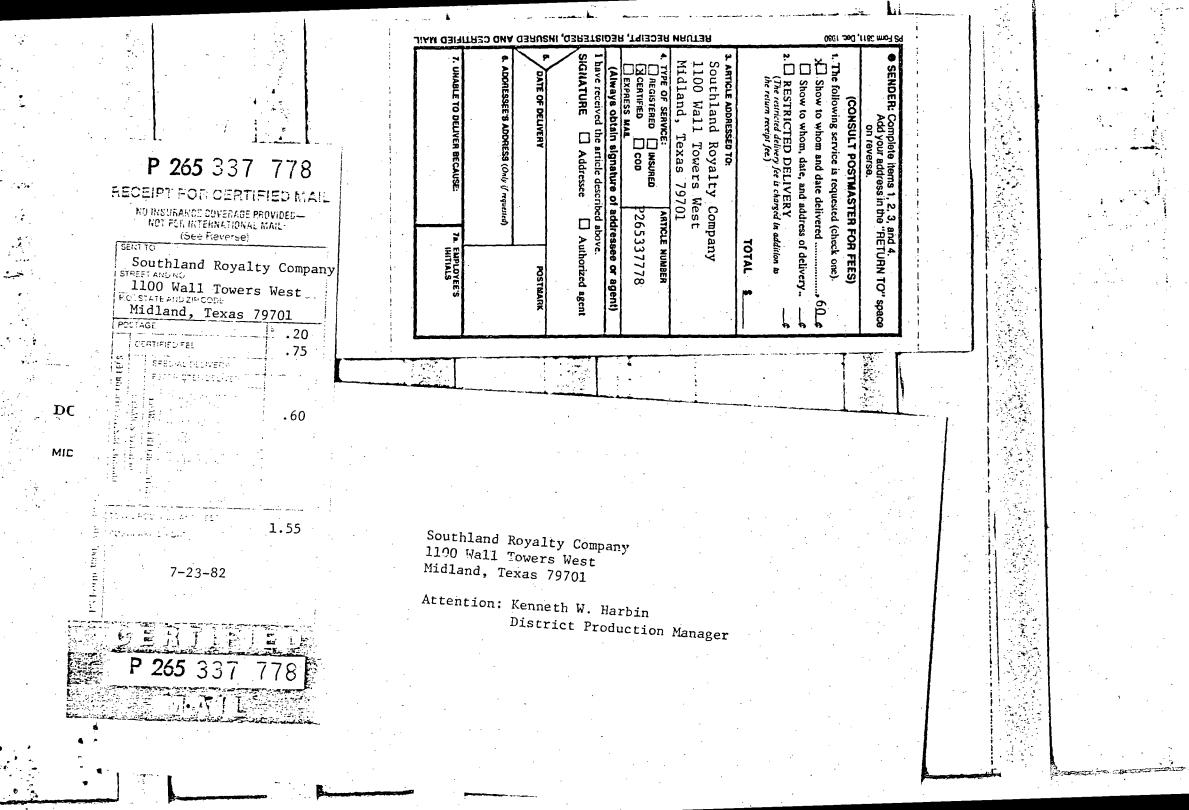
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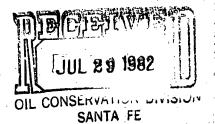
DOYLE HARTMAN Oll Operator 500 N. MAIN P. O. BOX 10426 MIDLAND, TEXAS 79702

(915) 684-4011

July 22, 1982

State of New Mexico Energy and Minerals Department Oil Conservation Division Post Office Box 2088 Santa Fe, New Mexico 87501

Attention: Mr. R. L. Stamets



Re: Administrative Procedure Infill Finding Byrom-Williams No. 1 Section 33, T-19-S, R-37-E at 1650' FNL & 2310' FEL Lea County, New Mexico

Gentlemen:

Pursuant to Section 271.305 of the Final Rules and Regulations of the Federal Energy Regulatory Commission relating to Section 103 of the Natural Gas Policy Act of 1978, and to Order R-6013-A of the New Mexico Oil Conservation Division, we hereby request an infill finding (NFL) for the above captioned Byrom-Williams No. 1 located 1650' FNL and 2310' FEL Section 33, T-19-S, R-37-E, Lea County, New Mexico.

With regard to our request, and in accordance with Order R-6013-A, we submit the following:

Rule 5 A copy of approved Form C-101 for the infill well and Form C-102 showing the proration unit dedicated to the well are enclosed.

<u>Rule 6</u> The name of the pool in which the infill well has been drilled is Eumont Pool, and the standard spacing unit therefor is 640 acres.

Rule 7 The number of the Administrative Order approving the non-standard proration unit and unorthordox location dedicated to the well is NSP-1310 (L).

Rule 8 Table 1 attached to William P. Aycock's letter dated July 19, 1982 shows the following:

a. Lease name and well location;b. Spud date;

Page 2 July 22, 1982

- c. completion date;
- d. a description of any mechanical problems experienced along with a summary of remedial action(s) taken and the results obtained;
- e. the current rate of production, and;
- f. date of plug and abandonment, if any, and;
- g. a clear and concise statement indicating why the existing well(s) on the proration unit cannot effectively and efficiently drain the portion of the reservoir covered by the proration unit.

<u>Rule 9</u> Letter dated July 19, 1982 from William P. Aycock submits geological and engineering information sufficient to support a finding as to the necessity for an infill including:

- a. formation structure map;
- the volume of increased ultimate recovery expected to be obtained and a narrative describing how the increase was determined;
- c. any other supporting data which the applicant deems to be relevant which may include:
 - 1. porosity and permeability factors
 - 2. production/pressure decline curve
 - 3. effects of secondary recovery or pressure maintenance operations
 - 4. C-104 and C-105 (including Inclination Report)
 - 5. Scout Ticket and Well Log Summary for Doyle
 - Hartman's Byrom-Williams No. 1 (Infill Eumont Well)
 - Scout Ticket and Well Log Summary for J. H. Williams "B" No. 4 (previous producer on proration unit).
 - 7. N.M.O.C.D. Forms for the J. H. Williams "B" No. 4 (previous Eumont producer on proration unit).
- Rule 10 This application for infill finding is being filed in duplicate with the Santa Fe office of the Division.
- Rule 11

All operators of proration or spacing units offsetting the unit for which an infill finding is sought have been notified of this application by certified or registered mail. Page 3 July 22, 1982

We respectfully request that the Commission grant our request for an infill finding pursuant to Order R-6013-A.

Very truly yours,

DOYLE HARTMAN 9 A

Becky Etchinger, Administrative Assistant

/be

Enclosures as above

WILLIAM P. AYCOCK & ASSOCIATES, INC.

144 (A. 1471)

Petroleum Engineering Consultants 308 WALL TOWERS WEST MIDLAND, TEXAS 79701 PHONE 915/683-5721

July 19, 1982

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

Attention Mr. R. L. Stamets, Technical Support Chief

Subject: Administrative Application for Infill Well Finding: Doyle Hartman's Byrom-Williams No. 1, Section 33, Township 19 South, Range 37 East @ 1650' FNL & 2310' FEL, Eumont (Queen) Pool, Lea County, New Mexico

Gentlemen:

Application is hereby made for an administrative infill well finding effective with initial gas deliveries for the described well in accordance with Exhibit "A", Order R-6013-A. The following constitute the requirements of said Order R-6013-A:

- Rule 5: Attached are copies of the C-101 and C-102 for the application well.
- Rule 6: The name of the pool in which the infill well has been drilled is the Eumont Pool, and the standard spacing therefor is 640 acres.
- Rule 7: The 120-acre non-standard proration unit and the unorthodox well location were approved administratively by Order NSP-1310(L), a copy of which is attached hereto.
- Rule 8: See attached Table No. 1, "Summary of Required Information, Rule 8, Exhibit "A", Order No. R-6013-A" for sections "a." through "f.". Section "g." requires "a clear and concise statement indicating why the existing well(s) on the proration unit cannot effectively and efficiently drain the portion of the reservoir covered by the proration unit." The 120-acre, non-standard proration unit assigned to the application well was previously assigned to the Southern Union Gas Co. (Later W. K. Byrom) Williams No. 1 well, which was located 990' FNL and 1650' FEL of Section 33, Township 19

New Mexico Department of Energy and Minerals July 19, 1982 Page 2

> South, Range 37 East in Unit B. Drilling was commenced in July 14, 1952, and this well was completed from Eumont Pool open hole between depths of 3498 and 3647 feet on August 17, 1952. Gas deliveries from the well (at that time owned by Aztec Oil & Gas Co.) began on December 1, 1966, and ceased in February 1974. The well was worked over from the Eumont Pool to the Eunice-Monument Pool on July 19, 1980, and the well designation was concurrently changed to W. K. Byrom "B"-4. Accordingly, the new application well (Doyle Hartman Byrom-Williams No. 1) is a "new, onshore production well" by virtue of the definition contained in Sec. 3313(c) of the Natural Gas Policy Act of 1978. In any case, since there has been no gas production from a Eumont Pool well on the proration unit since July 30, 1974, the gas reserves remaining in the Eumont Pool beneath the proration unit could not have been recovered at all prior to the drilling of the application well.

Rule 9:

Sec. a. A Penrose formation structure map is attached hereto, as required.

Sec. b. The volume of increased recovery expected to be obtained is at least 258 MMCF, as this is the estimated ultimate recovery of gas for the application well; and, as was discussed in Rule 8, all of this is increased ultimate recovery. This estimate was accomplished as follows:

(1) Well logs for the Hartman Byrom-Williams No. 1 were analyzed for the completion inverval of 3579 to 3700 feet, with results as follows:

Mean Porosity, Fcn. of Bulk Vol. 0.120

Mean Connate Water Saturation, Fcn of Net Effective Pore Vol. 0.225

Net Effective Pay Thickness, Feet 41.

The gross pay thickness is 154 feet, so the net effective pay represents 27 percent of the gross pay.

(2) The Form C-105 Test of July 15, 1982, was analyzed, with results as follows:

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New Mexico Department of Energy and Minerals July 19, 1982 Page 3

> Stabilized Deliverability Coefficient, MCF/day per psia² 5.532x10⁻³ Initial Stabilized Wellhead Shutin Pressure (Pc), psia 218.0 Initial Gas Formation Volume Factor, scf/rcf 15.03 (3) The results of steps (1) and (2) were combined, resulting in the following:

Original Gas-In-Place

MMCF/Acre

2.49

0.864

258.5

MMCF/120 Acres

299.2

Estimated Gas Recovery Factor, Fcn of Original Gas-In-Place at an Economic Limit of 500 MCF/month Delivered at 25.0 psia

Estimated Ultimate Recovery, MMCF per 120 Acres

Sec. c. Other supporting data submitted include the following:

Gas Production History Tabulation and Graph For the W. K. Byrom Williams No. 1 (later renamed "B"-4).

Complete N.M.O.C.D. Forms for Both the Application Well and the Pre-existing Well.

New Mexico Oil Conservation Division Administrative Order No. NSP-1310(L).

We believe that the above adequately documents this application, and we should be pleased to furnish you anything else you might require in this connection if it is available to us.

Very truly yours, Wm. P. Aycock,

WPA/bw

Enclosures

TABLE NO. 1

SUMMARY OF REQUIRED INFORMATION, RULE 8, EXHIBIT "A", ORDER R-6013-A, (sections "a," through "f,")

NATURAL GAS POLICY ACT INFILL FINDINGS, ADMINISTRATIVE PROCEDURE

SECTION OF RULE 8	RULE 8 REQUIREMENT	PRE-EXISTING WELL W. K. BYROM, OPERATOR	INFILL APPLICATION WELL DOYLE HARTMAN, OPERATOR
·a.	Lease Name and Well Location	Williams No. 1 990' FNL & 1650' FEL	Byrom-Williams No. 1 1650' FNL & 2310' FEL
b.	Spud Date	July 14, 1952	June 14, 1982
с.	Completion Date	August 17, 1952	June 29, 1982
d.	Mechanical Problems	None; Workoever to Eunice- Monument June 19, 1980	None
e.	Current Rate of Production	None: Last Produced @ 5 MCF/Mo. in February 1974	C-105: 192 MCF/day
f.	Date of Plug and Abandonment	Not Plugged; Well com- pleted in Eunice-Monument Pool July 22, 1980, for 25 BOPD, 30 BWPD & GOR of 30,000.	Not Plugged

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WELL LOCATION AND ACREAGE DEDICATION LAT

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- Firm C-4 -, Supersedes L+128 Effective 1-1-65

All duste	nces must be from the	outer boundaries of t	he Section	
Hovle Hartman	. 1.0000		Eyrom- Willi	i ams 1
Init Letter Section Township			County	- <u> </u>
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Arts it Fredrike Longtion of Well:	······································		<u> </u>	
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3570.9 Dieen-Penrose	Pont	E.		Dedicated Accenties
^v		Eumont (Gas)	······	120
1. Outline the acreage dedicated to the	- subject well by	colored pencil or	nachure marks on th	ne plat below,
2. If more than one lease is dedicated interest and royalty).	to the well, outli	ine each and iden	tify the ownership th	percol (both us to working
3. If more than one lease of different ow			ave the interests of	all owners been consuli-
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If answer is "no?" list the owners an	· · · ·		ually been -	uted (fine entry)
If answer is "no!" list the owners an this form if necessary.)				an un verse side af
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forced-pooling, or otherwise) or until a	non-etandard unit.	eliminating such	interests, has been	approved by the Commis-
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Williams "B" No. 4	0.0			y knowledge and belief.
(formerly Williams No. 1) \rightarrow				
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STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION

BRUCE KING

June 2, 1982

POST OFFICE BOX 2088 STATE LAND OFFICE BUILDIN' SANTA FE, NEW MEXICO 8750 (505) 827-2434

1 7 1982

LARRY KEHOE

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

Attention: Larry A. Nermyr

Administrative Order NSP-1310(L)

Gentlemen:

Reference is made to your application for a 120-acre non-standard proration unit consisting of the following acreage in the Eumont Gas Pool:

LEA COUNTY, NEW MEXICO TOWNSHIP 19 SOUTH, RANGE 37 EAST, NMPM Section 33: S/2 NE/4 and NW/4 NE/4 -

It is my understanding that this unit is to be dedicated to your Byrom - Williams Well No. 1 to be located at an unorthodox location 1650 feet from the North line and 2310 feet from the East line of said Section 33 hereby approved under the provisions of Rule 3 of Order No. R-1670.

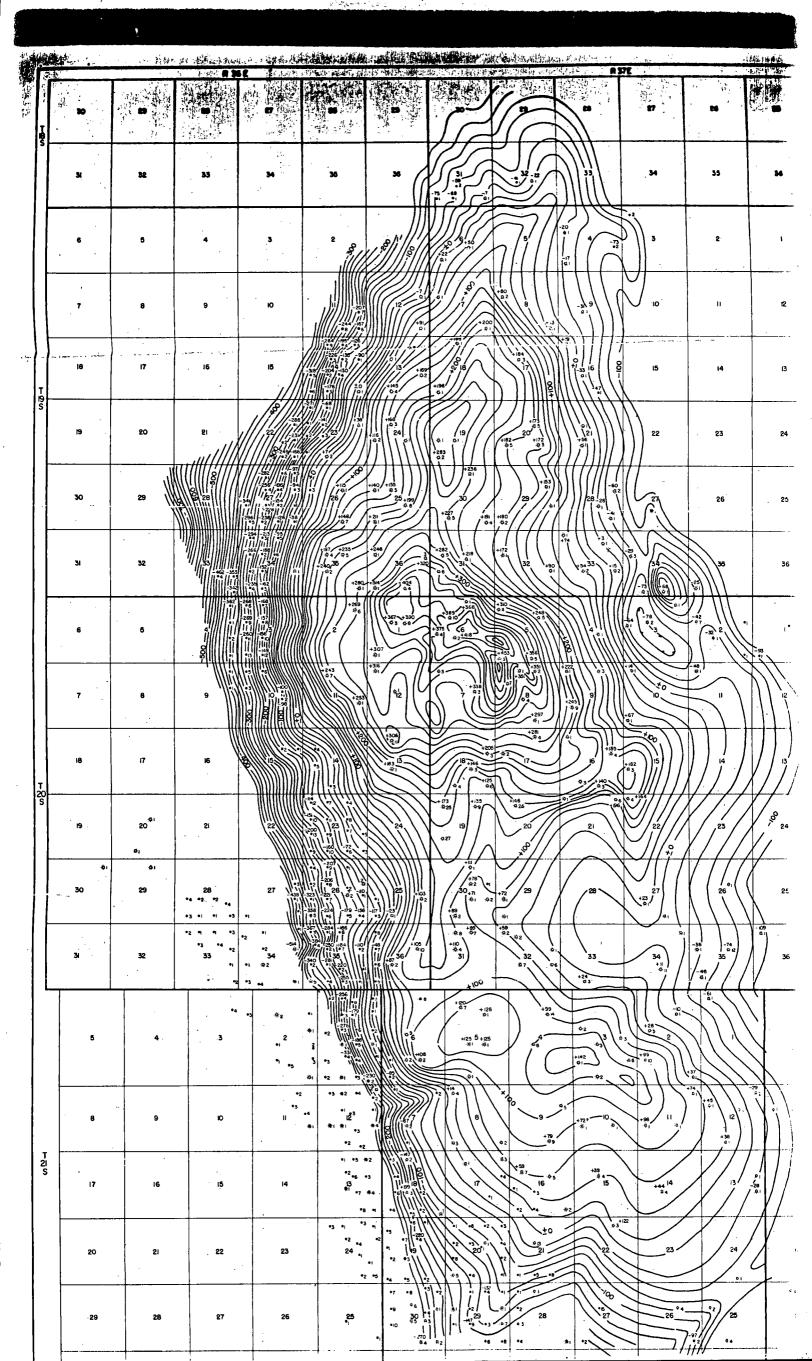
By authority granted me under the provisions of Rule 5(c)(3) of Order No. R-1670, the above non-standard proration unit is hereby approved.

Sincerely, JOE D. RAMEY Director

JDR/RLS/dr

ćc:

Oil Conservation Division - Hobbs Oil & Gas Engineering Committee - Hobbs



GAS PRODUCTION HISTORY

		н Н			· ·		•
Date <u>4-</u>	6-82					P	age <u>1</u> of
perator: "	W.	. K. Byrom	·	· · ·	·		· · · ·
Vell:	Wi	illiams "B" No	.4 (J.H.W	illiams No.	1)		
ocation: _	В-	-33-19S-37E	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·		·	
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	No.	Annual Gas	Avg. Gas	Cum. Gas	Annual		· ·
Year	of Mos.	Production (MCF)	Rate (MCF/mo.)	Production (MMCF)	SIP (psia)	P/Z	
1963	4	10002	2501	702.6	590.2	660	
1964	12	39050	3254	741.7	550.2	605	
1965	12	42395	3533	784.1	446.2	. 483	•
1966	4	9773	2443	793.9	339.2	360	
1967	12	37372	3114	831.2	417.2	450	<u> </u>
1968	12	9553	796	840.8	193.2	200	
1969	12	9814	818	850.6	148.2	150	
1970	12	8888	741	859.5	223.2	230	· · · · · · · · · · · · · · · · · · ·
1971	10	3653	365	863.1	100.2	102	
1972	11	1052	96	864.2	151.2	150	
1973	6.	534	89	864.7	119.2	120	
1974	1	5	5	864.7	N/A	N/A	·
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	197	<u>3</u> Detail Summary		• •	19 <u>74</u>	_ Detail Sumn	iary
an	149	July	0	Jan	0	July	0
eb	230	Aug	5	Feb	5	Aug	0
Aarch	79	Sept	0	March _	0	Sept	0
April	16	Oct	0	April	0	Oct	0
May	0	Nov		May	0	Nov	0
June	55	Dec	0	June	0	Dec	0

Production (Y-T-D)

Days or Months (Y-T-D)

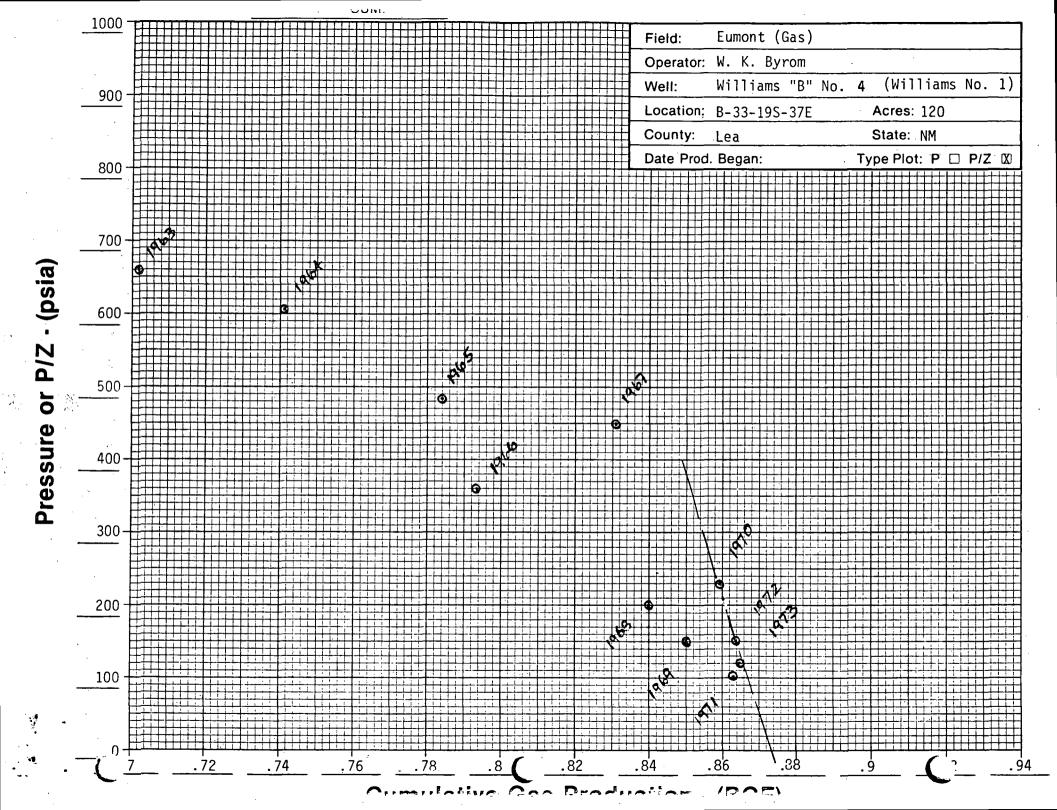
B-33-19S-37E

Avg. Rate (Y-T-D)

		• آ• آ	Gas	Produ	ction -	MCF/month	ана 1919 — Дана Алана 1919 — Дана Алана Алан
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19 6/	DEC. MAR. JUN. SEP.						
<u>89 61</u>	DEC. MAR. JUN. SEP.						
<u>69</u> 61	DEC. MAR. JUN. SEP.						
19,70	DEC. MAR. JUN. SEP.						
19 <u>71</u>	DEC. MAR. JUN. SEP.						
19_72	DEC MAR JUN. SEP.						
19 <u>73</u>	DEC MAR JUN. SEP.						
19 74	DEC MAR. JUN. SEP.						
197	DEC. MAR. JUN. (SEP.						
19 76	DEC. MAR. JUN. SEP.						Field: Operator: Well: Location: Date Prod. Beg
19_77	DEC. MAR.						Eumont (Gas) W. K. Byrom William "B" B-33-19S-37E Lea Began:
<u>1978</u>	DEC.) No. 4 (W E State: Acres:
1979	DEC. MAR. JUN. 8EP.						I i ams No. 1) I i ams No. 1) I 20 I I
L	DEC.		u	undit 4 ri mahi ma			

Gas Production - MCF/month

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				Form C+1 Revused	
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LAND OFFICE OPERATOR					
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Doyle Hartman	- · · · · · · · · · · · · · · · · · · ·	ي . جماعيا مريدهه	· · · · · · · · · · · · · · · · · · ·	and the strength	1 Food, or Wildom
P. O. Box 10426 Midlan 4. Lucation of Well	nd, Texas 79702	·····	1	Eumont	(Gas)
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Vented			· · · · · · · · · · · · · · · · · · ·	Harold Swa	in
35. List of Attachments		· ·	•	JUL	
30. I hereby certify that the informatic	on shown on both sides of	this form is true and o	omplete to the best of n	ny knowledge and Wieff	632
SIGNED Starry Cl.	11. mm	· ·	ngineer		<u>11y 6, 1982</u>
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This som is to be filed with the appropriate District Office of the Commission not later if (a) days after the completion of any newly-diffied of deepened well. It shall be accompanied (b) are copy of all electrical and real-solutivity loss (b) if the well and a summary of all special tests conducted, including drift atom tests. All depths reported shall be newsared depths. In the case of a controlly drifted wells, true vertical depths shall be reported for each sone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Bule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GLOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anby	132	21	T. Canyon	T Oio Al	10.0	*	T. Penn. "B"
T. Salt_		10.	T. Strawn	T. Kirtlar	nd-Fruit	land	
B. Salt_	010)5	T. Atoka	T. Pictur	ed Cliff	s	T. Penn. "D"
T. Yates	<u> </u>						T. Leadville
T. 7 Riv						•	T. Madison
			T. Silurian	T. Point	Lookout		T. Elbert
T. Grayl	mirg _ 373	32	T. Montoya	T. Manco	s		T. McCrackeň
							T. Ignacio Qtzte
T. Glorie	eta <u> </u>		Т. МсКее	Base Gree	nhorn		
T. Paddo	ock		T. Ellenburger	T. Dakota	a	<u> </u>	T
T. Bline	bry	· .	T. Gr. Wash	T. Morris	on	·····	Т
T. Tubb	•		T. Granite	T. `Todilt	o	· ·	Т
T. Drink	ard		T. Delaware Sand	T. Entrad	lij		T
Τ. Αυο -		·	T. Bone Springs	T. Wingst	e		T
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T Cisco	(Bough C	C)	T	T. Penn.	۰٬۸ ^{۰۰}		тт. т
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No. 2, from	n		to		••••••••••	feet.	•••••••••••••••••••••••••••••••••••••••
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2642	2910	268	Dolomite and Sand				
2910	3450	540	Dolomite and Sand				
3450	3565	115	Dolomite and Sand	1	Į		
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INCLINATION REPORT

OPERATOP DOYLE HARTMAN ADDRESS 500 N. MAIN, MIDLAND, TX 79702

LEASE NAME BYROM WILLIAMS _____ WELL NO._____FIELD___

LOCATION

DEPT	н	ANGLE INCLINATION DEGREES	DISPLACEMENT	DISPLACEMENT ACCUMULATED
26	0	1/2	3.7062	3.7062
16		3/4	6.4190	10.1252
538		3/4	8.1482	18.2734
121		1	10.2025	28.4759
583		1/2	4.0194	32.4953
232	•	3/4	8.5019	40.9972
7.30		1 1/2	13.0476	54.0448
900	•	1 1/4	3.7060	57.7508

I hereby certify that the above data as set forth is true and correct to the best of my knowledge and belief.

CACTUS DRILLING COMPANY TITLE OFFICE MANAGER

AFF IDAVIT:

Before me, the undersigned authority, appeared <u>DENISE LEAKE</u> known to me to be the person whose name is subscribed herebelow, who, on making deposition, under oath states that he is acting for and in behalf of the operator of the well identified above, and that to the best of his knowledge and belief such well was not intentionally deviated from the true vertical whatsoever.

AFFIANT'S SIGNATURE

Sworn and subscribed to in my presence on this the 24 day of JUNE , 19 82

OFFICIAL SEAL SIGNATURE: GARLIN R. TAYLOR NOTARY PUBLIC NEW MG ALCO "OTARY BOND FILED WITH SECRETARY OF STATE MY COMMISSION EXPIRES FLORUARY 6, 1984

3 0 1982

Notary Public in and for the County of Lea, State of New Mexico

SEAL

INCLINATION REPORT

OPELATOP DOYLE HARTMAN	ADDRESS 500 N	MATN.	MIDLAND	TY 79702
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LEASE NAME BYROM WILLIAMS	WELL NO. #1	FIELD		

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LOCAT ION

DEPTH	ANGLE INCLINATION DEGREES	DISPLACEMENT	DISPLACEMENT ACCUMULATED
26	1/2	3.7062	3.7062
16	3/4	6.4190	10.1252
538	3/4	8.1482	18.2734
121	1	10.2025	28.4759
583	1/2	4.0194	32.4953
232	3/4	8.5019	40.9972
7 3 0	1 1/2	13.0476	54.0448
900	1 1/4	3.7060	57.7508

I hereby certify that the above data as set forth is true and correct to the best of my knowledge and belief.

CACTUS DRILLING COMPANY

TITLE MANAGER

AFF IDAVIT:

Before me, the undersigned authority, appeared_ DENISE LEAKE known to me to be the person whose name is subscribed herebelow, who, on making deposition, under oath states that he is acting for and in behalf of the operator of the well identified above, and that to the best of his knowledge and belief such well was not intentionally deviated from the true vertical whatsoever.

AFFIANT'S SIGNATURE

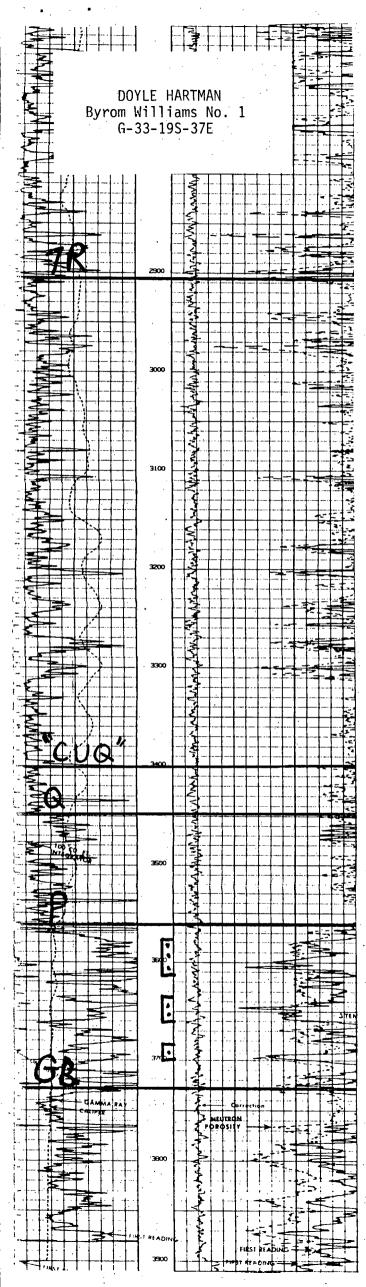
Sworn and subscribed to in my presence on this the 24 JUNE **19** 82 day of

OFFICIAL SEAL	Z
GARLIN R. TAYLOR	} .
NOTARY BOND FILED WITH STORETARY OF STUTE MY COMMISSION EXPIRES FEBRUARY 6, 1984	

Notary Public in and for the County of Lea, State of New Mexico

SEAL

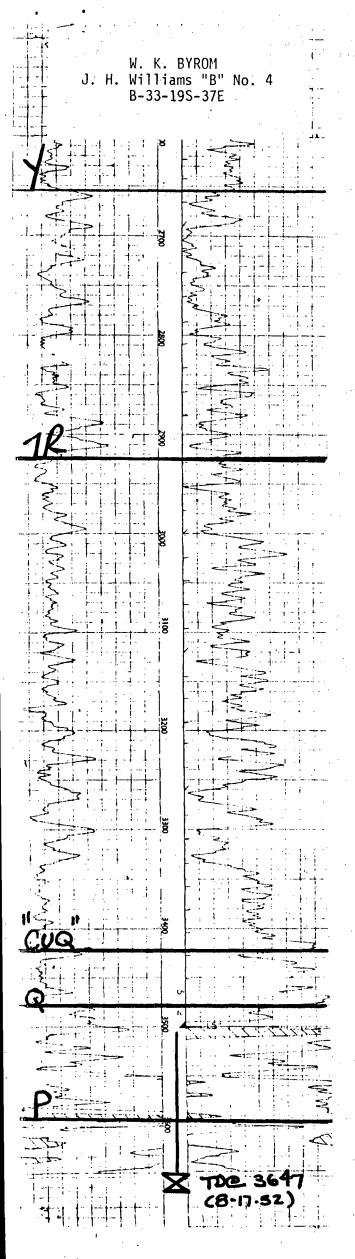
DISTRIBUTION SANTA FE FILE U.S.G.S. LAND OFFICE TRANSPORTER OIL GAS OPET:/TON PROPATION OFFICE Coperator Doyle Hartman Address P. O. Box 104	REQUES	CONSERVATION CO 3SION T FOR ALLOWABLE' AND RANSPORT OIL AND NATURAL	Pitm C+104 Supersedes Old C+104 and Etlective 1+1+65 GAS
U.S.G.S. LAND OFFICE TRANSPORTER OPET:/TOR PROFATION OFFICE Operator Doyle Hartman Address	AUTHORIZATION TO TH		
Doyle Hartman			
Doyle Hartman		the second s	
PROPATION OFFICE Operator Doyle Hartman Address			•
Doyle Hartman	_	14,118,112,112,112,112,112,112,112,112,112	
•			
Kanada and a second sec	26, Midland, Texas 79702		
Reason(s) for filing (Check proper b New Woll X	Change in Transporter of:	Other (Please explain)	50
Recompletion		Gas	
If change of ownership give name and address of previous owner			· · · · · · · · · · · · · · · · · · ·
DESCRIPTION OF WELL ANI			
Byrom-Williams	1 Eumont (Queer		Consider 1
Location]
	650 Feet From The North L	Ine and Feet From	n TheEast
Line of Section 33 1	Fownship 195 Range	37Е , ММРМ, Lea	Cour
DESIGNATION OF TRANSPO Neuro of Authorized Transporter of C	RTER OF OIL AND NATURAL G		roved copy of this form is to be sent)
Name of Authorized Transporter of C	Casinghead Gas [_] or Dry Gas 🗙	Address (Give address to which app	roved copy of this form is to be sent)
El Paso Natural Gas	Unit Sec. Twp. Bge.	P. O. Box 1384 Jal, N	
give location of tanks.		No	July 1982
If this production is commingled a COMPLETION DATA	Oll Well Gas Well		
Designate Type of Comple	tion $-(X)$ X	New Well Workover Deepen X	Plug Back Same Resty, Dill, Ru
Date Spudded	Date Compl. Ready to Fred.	Total Depth	P.B.T.D.
6-14-82 Elevations (DF, KKB, RT, GR, etc.	6-29-82 ; Name of Freducing Formation	3900 Top Oll/Gas Pay	3896 Tubing Depth
3570.9 GL	Queen	3579	3741 Depth Casing Shoe
3579-3700 w/18 Shot		· · · · · · · · · · · · · · · · · · ·	3900
HOLE SIZE	TUBING, CASING, A	ND CEMENTING RECORD	SACKS CEMENT
12 1/4		426	225 (circ)
8 3/4	9 5/8" 36.0 1b/ft 7" 23.0 1b/ft	3900'	1100 (circ)
TEST DATA AND REQUEST OU, WELL	FOR ALLOWABLE (Test must be able for this	depth or be for full 24 hours)	
Date First New OIL Bun To Tanks	Date of Test	Producing Method (Flow, pump, gas	lift, etc.)
Longth of Teat	Tuting Pressure	Casing Preseure	Choke Size
Actual Fred. During Test	CII - Bhin.	Water - Bbls.	Gas - MCF
GAS WELL		····	
Actual Prod. Test-MCF/D	Longth of Test	Bble. Cendenante/MMCF	Gravity of Condeneate
192	24 Hours Tubing Procedure (Rivet-in)	Caeing Freeeure (Shut-in)	Cloke Size
(Tewar 1 - annot throw for a line		FCP = 100 psi	17/64
Orfice Tester	ANCE	OIL CONSER	VATION COMMISSION
			10
Orfice Tester CERINICATE OF COMPLIA I hereby certify that the rules of Computation have been consider	nd regulations of the Oil Connervation d with rad, that the Information give	·n]] · · ·	
Orfice Tester CERINICATE OF COMPLIA I hereby certify that the rules of Computation have been consider	nd regulations of the Oil Connervatio	п Г. ВҮ	
Orfice Tester CERINICATE OF COMPLIA I hereby certify that the rules of Computation have been consider	nd regulations of the Oil Connervation d with rad, that the Information give	ВҮ	
Orfice Tester CERINICATE OF COMPLIA I hereby certify that the rules of Computation have been consider	nd regulations of the Oil Connervation d with rad, that the Information give	TITLE	in compliance with RULE 1104.
Orfice Tester CERTIFICATE OF COMPLIA I hereby certify that the rules of Commutation have been complete above in true and complete to Occurry O. Mar	nd regulations of the Oil Connervation d with rad, that the Information give	TITLE	In compliance with RULE 1104. Iswebin for a newly drilled or deer spanied by a tabulation of the devi cordance with RULE 111.
Orfice Tester CERTIFICATE OF COMPLIA I hereby certify that the rules of Commutation have been complete above in true and complete to Accurg A. Mar Engineer	id regulations of the Oil Connervatio d with and that the information give the heat of my knowledge and belie my	TITLE	In compliance with RULE 1104. toweble for a newly drilled or deer openind by a tabulation of the devi cordance with RULE 111. must be filled out completely for a
Orfice Tester CERTIFICATE OF COMPLIA I hereby certify that the rules of Commutation have been complete above in true and complete to Accurg A. Mar Engineer	id regulations of the Oil Connervatio d with end that the Information give the best of my knowledge and belle	TITLE THE form is to be filed if If this is a request for el- well, this form must be accou- tests taken on the woll in ac All sections of this form able on new and recompleted Util out only Sections 1	In compliance with RULE 1104. toweble for a newly drilled or deep openind by a tabulation of the devi- cordance with RULE 111. must be filled out completely for a



	Doyle Hartman
WELL	Byrom-Williams No. 1
<u> </u>	
	Eumont (Gas)
LOCATION	1650 FNL and 2310 FEL (G)
	Section 33, T-19-S, R-37-E
· · · · · · · · · · · · · · · · · · ·	
STATE	New Mexico
ELEVATIONS:	КВ
•	DF
	GL3570.9
	COMPLETION RECORD
SPUD DATE	6-14-82 COMP. DATE 6-29-82
TD	3900 рвтр 3896
CASING RECORD	9-5/8 @ 426 w/225
	7 @ 3900 w/1100
PERFORATING RECORD	3579 - 3700 w/18
· · · · · · · · · · · · · · · · · · ·	
·	
STIMULATION	A/5600
	SWF 72,300 + 174,000
	<u> </u>
IP	IPF = 192 MCFPD
GOR	GR
ТР	ср 100
_CHOKE	17/64 TUBING 2 3/8 @ 3741
DST RECORD	$(8-1/2 \times 64 \times 1-1/4)$
	·
	<u> </u>
	· · · · · · · · · · · · · · · · · · ·
	· · · · · · · · · · · · · · · · · · ·

REMARKS

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W. K. Byrom
(Aztec)
J. H. Williams "B" No. 4
(J. H. Williams No. 1)
Eunice-Monument
990 FNL & 1650 FEL (B)
Section 33 T-19-S, R-37-E
Lea
New Mexico
КВ3584
DF
GL 3578

28-52	COMP. DATE PBTD 215 w/150	8-17-52 3647
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-3/8 @ 2	215 w/150	3647
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	· · ·	
3498-	-3647	
(T/P	@ 3611)	
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^r = 1280	MCFPD	· .
	GR	
32	СР	
TUBING	;2-3/8	@ 3642
8-68 :	SOF/47,000) + 20,000.
4 :	Last Eumor	
· · · · · ·		
30-74:	Well disco	onnected
8-80:	Well deepe	ened and
	recomplete	ed as Eunice-
	Monument p	oroducer
	3692-3796	w/10.
	32 TUBING 3-68 :	32 CP TUBING2-3/8 3-68 : SOF/47,000 74 : Last Eumor 30-74: Well disco from EPNGC .8-80: Well deepe recomplete Monument p

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FILE		WELL	COMPLE	TION O	R RECO	OMPLETIO	N REP	ORT AND		tate		Fee X
U.S.G.S.			· · · ·						L 5. 50	nte Oil &	Gas Leas	e No.
LAND OFFICE				• •.					J	*****		
OPERATOR	<u>l · _ l </u>				•.			×٥`		<u> </u>	//////	
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W. K.	Byrom	<u> </u>	· · · · · · · · · · · · · · · · · · ·			X ¥	00	/		4	D	
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5-11-80	6-18-8	30 lug Back 7		7-19-8		Carel III		78GR				
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4. Froadstild Intervalia	, of this compl	enon 1	op, Bottom	, Name					×		Made	ctional Survey
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Gr. Neutron			<u> </u>								no	
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Late of Test	Hours Tested		oke Šize	Prod'n		Oil - Bbl.	Ga	s MCF	Water - B		Gas - Oil	Ratio
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36. I hereby certify that	the information	shown or	n both side	s of this	form is tru	e and comple	ete to the	best of my	knowledge and	d belief.		·
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1181	Th.	en	1		[.]				-	_		
SIGNED AND	- m	1/1/	<u> </u>	TI	TLE Ge	ologist			DAT	<u> </u>	24-80-	
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10. 0* COPILS ASCITIVED	
DISTICUTION	Form C-103 Superseder Uld
NEW MEXICO OIL CONSERVATION COMMISSION	C-102 and C-103 Effectivo 1-1-65
<u>LE</u>	Su. Indicuto Type of Leuse
NU OFFICE	State State
ERATOR	S. Stule Oll 6 Gus Leaso No.
SUNDRY NOTICES AND REPORTS ON WELLS WE NOT USE THIS FORM IN POWARS TO STILL OF TO LLEFT WER HELDE BACK TO A DIFFERENT RESERVOIR.	$\chi(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)($
01L [V] " 6A3 []	7. Unit Agreement Bunke
OIL X " CA3 OTHER.	8. Form of Lease liame
W. K. Byrom	Williams
diress of Operator	9. Woll No.
Box 147 - Hobbs, N. M. 88240	# 1
ocution of Well	10. Field and Pool, or Wildcat Eumont
UNIT LETTER B 990 FEET FROM THE NOT THE AND 1650 FEET FROM	
THEEASTLINE, SECTION 33 TOWNSHIP 195 RANGE 37E HMPM.	
11111111111111111111111111111111111111	12. County
Check Appropriate Box To Indicate Nature of Notice, Report or Ot	Lea (\\\\\\\
NOTICE OF INTENTION TO:	
PORM RELIEDIAL WORK	ALTENING CASING
PORARILY ABANDON	PLUG AND ABANDONMENT
L OR ALTER CASING	r
OTHER	i i i i i i i i i i i i i i i i i i i
Азите	L
Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including work) SEE RULE 1903.	estimated date of starting any propos
work) SEE RULE 1103.	estimated date of starting any propos
2-80:	
2-80: intend to deephen this well to 3795 with a pulling unit. We will run	a 4" linver
2-80: intend to deephen this well to 3795 with a pulling unit. We will run TD and tie back to the 5½ csg. The well will be perforated in the Gra	a 4" linver
2-80: intend to deephen this well to 3795 with a pulling unit. We will run TD and tie back to the 5½ csg. The well will be perforated in the Gra om 3790 to 3675 , acid treated.	a 4" linver
2-80: intend to deephen this well to 3795 with a pulling unit. We will run TD and tie back to the 5½ csg. The well will be perforated in the Gra om 3790 to 3675 , acid treated.	a 4" linver
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2-80: intend to deephen this well to 3795 with a pulling unit. We will run TD and tie back to the 5½ csg. The well will be perforated in the Gra om 3790 to 3675 , acid treated. e work will star when a unit becomes available in about 10 days.	a 4" linver

El Paso Natural Gas Company

El Paso, Jexas 79974

July 30, 1974

ADDRESS REPLY TO POST OFFICE BOX 1384 JAL NEW MEXICO 88252

Oil Conservation Commission State of New Mexico P. O. Box 1980 Hobbs, New Mexico 88240

2.a .

Gentlemen:

This is to advise that on July 30, 1974 the Aztec Oil & Gas Co.'s Williams #1, Eumont gas well located in Unit B, of Section 22, Township 19, Range 37, Lea County, New Mexico was disconnected from El Paso Natural Gas Co.'s gathering system.

This disconnection was due to well being temporarily abandoned.

Yours truly,

PERMIAN DIVISION DISPATCHING DEPARTMENT

R. Ellerte Leavie Travis R. Elliott

Gas Production Status Analyst

127

TRE: b1

cc:	Mr. James Kapteina, Proration Dept.	0.C.C., S	anta Fe, NM
	H. O. Whitt		
	Gas Purchases		
	Sam Smith		-
	H. P. Logan		•
	T. J. Crutchfield		
•	Operator	• •	
	Measurement		
	R. H. Barnett	· .	•
• •	Earl Smith	• •	· ·
	A. L. Fuller	. r	:
	R. T. Speer		
	B. D. Ballard	N	•
	File		

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7-7/8	52	349			1200						<u> </u>
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PLUGS	AND	ADAPTERS

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Depth Set_ Heaving plug-Material . Length.

N. _Size. Adapters---Material

RECORD OF SHOOTING OR CHEMICAL TREATMENT

. · · ·· ... - -----

·	-Material				· ·	Depth Se		· · · · · · · · · · · · · · · · · · ·
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• •				•	Representing	PO Box 864	Company or Oper	ator.
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OIL CONSERVATION COMMISSION Santa Fe, New Mexico

CE

AUG 22 1952

OIL CONSERVATION COMMANSION

REQUEST FOR (OIL)-(GAS) ALLOWABLE

It is necessary that this form be submitted by the operator before an interval allowable will be assigned to any completed oil or gas well. Form C-110 (Certificate of Compliance and Authorization to Transport Oil) will not be approved until Form C-104 is filed with the Commission. Form C-104 is to be submitted in triplicate to the office to which Form C-101 was sent. Two copies will be retained there and the other submitted to the Proration Office, Hobbs, New Mexico. The allowable will be assigned effective 7:00 a.m. on date of completion, provided completion report is filed during month of completion. The completion date shall be that date in the case of an oil well when oil is delivered into the stock tanks. Gas must be reported on 15.025 P.B. at 60° Fahrenheit.

	bbs, N.	H	August 1	9, 1952
	•.	P1 <i>e</i>	lice	Date Date
E ARE HE	REBY RE	QUESTING	AN ALLOWABLE FOR A WELL KNOWN	45.
				£11-1 •
Southe	m Unic	n-Gas-Co.	• Williams Well N or Lesse	0 in <u>NW</u> 1/4 1/4
C	ompany	or Operat	or Lease	
ection 3	3 .	т. 193	R. 375 N.M.P.M. Momment	Pool Les Count
1.	,	· · · · · · · · · · · · · · · · · · ·		
lease inc	dicate	location:	Elevation 3584, RDB Spudded	7-14-52 Completed 3-17-52
			- / / /	P.B. 💻
· . [Top sur/Gas Pay 3611	Top Water Dav
· · · · · · · · · · · · · · · · · · ·	9		Initial Production_Test: Pum	D HOPD OR CU.
· .			Based on 🙍 Bbls, Oil in	Hrs Mins
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(Please supply required information on reverse side of form)

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T. Penn

DOYLE HARTMAN

Oll Operator 500 N. MAIN P. O. BOX 10426 MIDLAND, TEXAS 79702

(915) 684-4011

July 23, 1982

To All Off-Setting Eumont Dry Gas Owners Byrom-Williams No. 1 S/2 NE/4 and NW/4 NE/4 Section 33, T-19-S, R-37-E Lea County, New Mexico

Re: Notification of Section 103 Infill Filing

Gentlemen:

Please be informed that within the next few days we will be filing with the Commission a request to classify the subject well as an infill Eumont Gas well located on a previously existing 120 acre Eumont Gas location consisting of the S/2 NE/4 and NW/4 NE/4 of Section 33, T-19-S, R-37-E, Lea County, New Mexico.

Very truly yours,

DOYLE, HARTMAN keky/ielunge Becky Eichinger

Administfative Assistant

BE/lr

W. K. Byrom 103 West Lea Hobbs, New Mexico 88240

Amerada Hess Corporation P. O. Drawer D Monument, New Mexico 88265

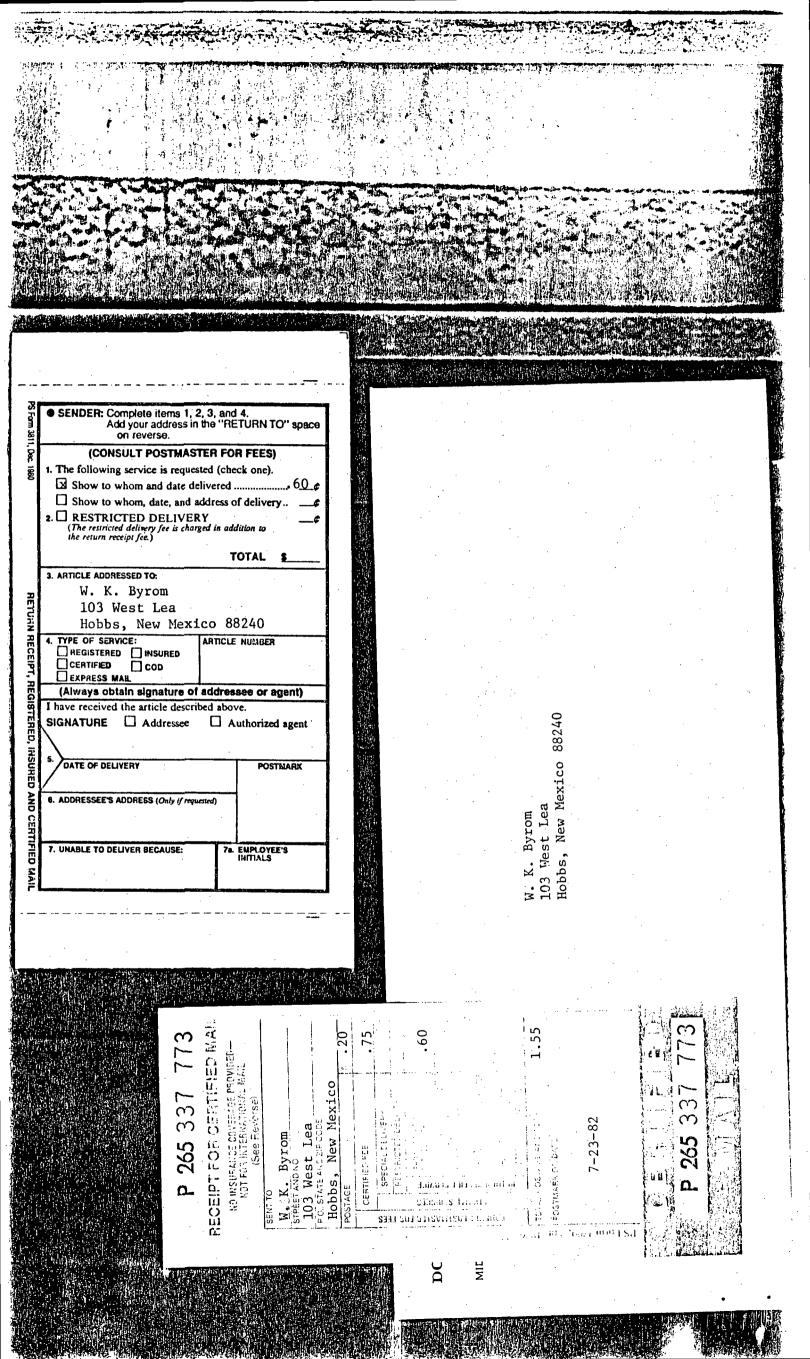
Marathon Oil Company P. O. Box 552 Midland, Texas 79702 Attention: Don Duddleston District Landman

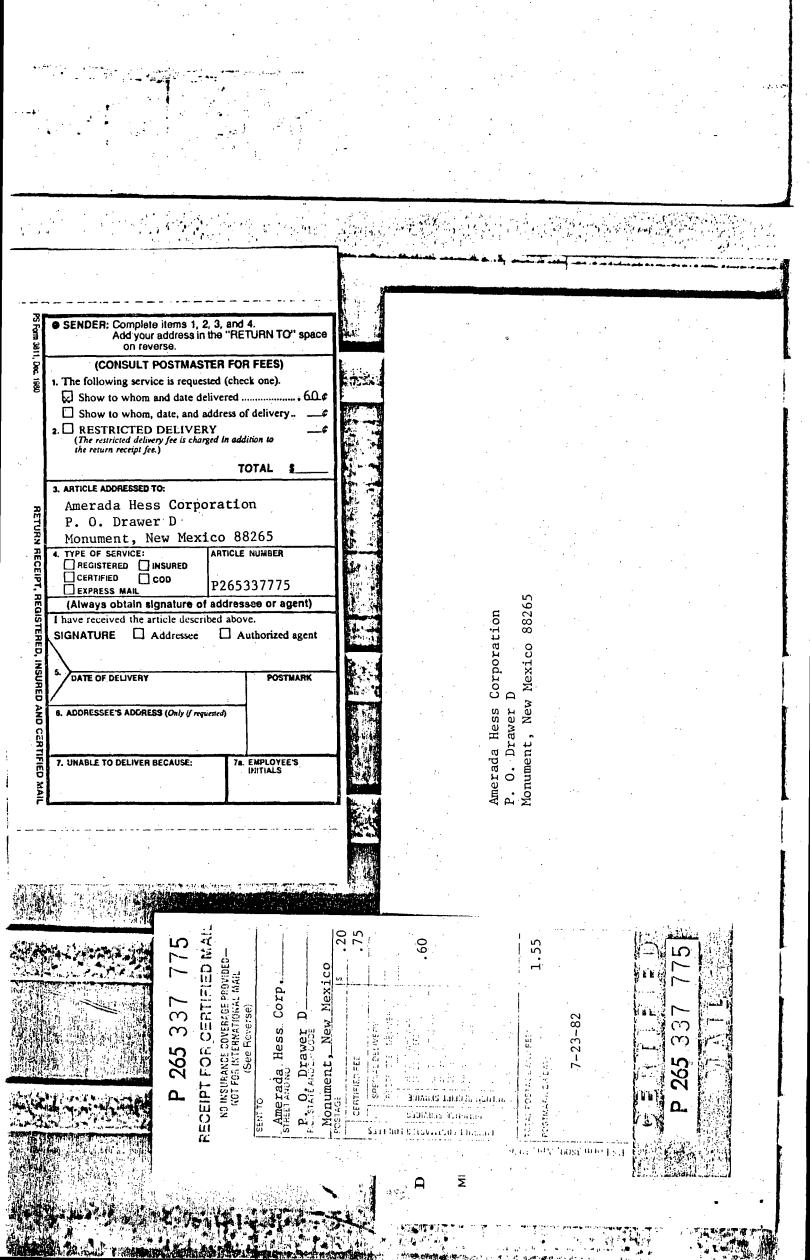
Gulf Oil Exploration and Production Company P. O. Box 1150 Midland, Texas 79702 Attention: Steve Fly, Land Department Attention: Don Duddleston, District Landman

Arco Oil and Gas Company P. O. Box 1610 Midland, Texas 79702 Attention: Huan Pham, Area Engineer

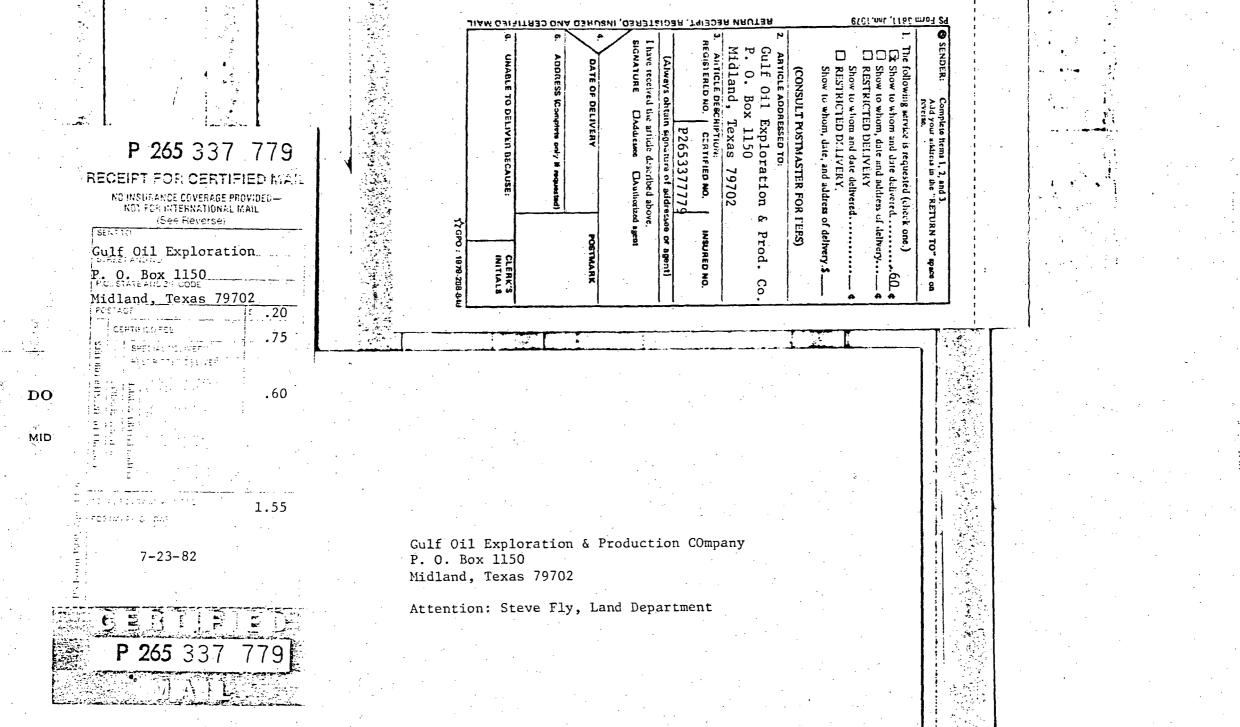
Great Western Drilling Company P. O. Box 1659 Midland, Texas 79702 Attention: R. J. Artley, Chief Engineer

Southland Royalty Company 1100 Wall Towers West Midland, Texas 79701 Attention: Kenneth W. Harbin District Production Manager





. SENDER: Complete items 1, 2, 3, and 4. Add your address in the "RETURN TO" space on reverse. e de la \mathcal{M}_{i}^{i} g 3811, (CONSULT POSTMASTER FOR FEES) 8 1. The following service is requested (check one). Ē .60 Show to whom and date delivered Show to whom, date, and address of delivery .. 2. RESTRICTED DELIVERY (The restricted delivery fee is charged in the return receipt fee.) ddition to TOTAL \$ 3. ARTICLE ADDRESSED TO: Marathon Oil Company RETURN P. O. Box 552 Midland, Texas 79702 4. TYPE OF SERVICE: REGISTERED INSURED CERTIFIED COD ARTICLE NUMBER RECEIPT. P265337777 EXPRESS MAIL REGISTERED. (Always obtain signature of addresses or agont) I have received the article described above. SIGNATURE Addressee Authorized agent INSURED POSTMARK DATE OF DELIVERY 6. ADDRESSEE'S ADDRESS (Only (I requested) NUC 79702 Marathon Oil Company CERTIFIED 7. UNABLE TO DELIVER BECAUSE A. EMPLOYEE'S Texas P. 0. Box 552 MAIL Midland, .55 .75 60 RECEIPT FOR CERTIFIED MAI NO INSURANCE COVERAGE PROVIDED NOT FOR INTERNATIONAL MAIL 79702 Marathon Oil Company ന (See Reverse) P 265 337 11/1 Texas -23-82 ന Ë P. 0. Box 552 MENT 10 THO HAS ŝ 265 CERTIFICO FEE Diriting 000004 STREET AND NO Midland alited is a later is a featibility 101111000 POSTAGE ï. ;: 1.1.1. SEL \$331 BOT data iso. I history MID DOY



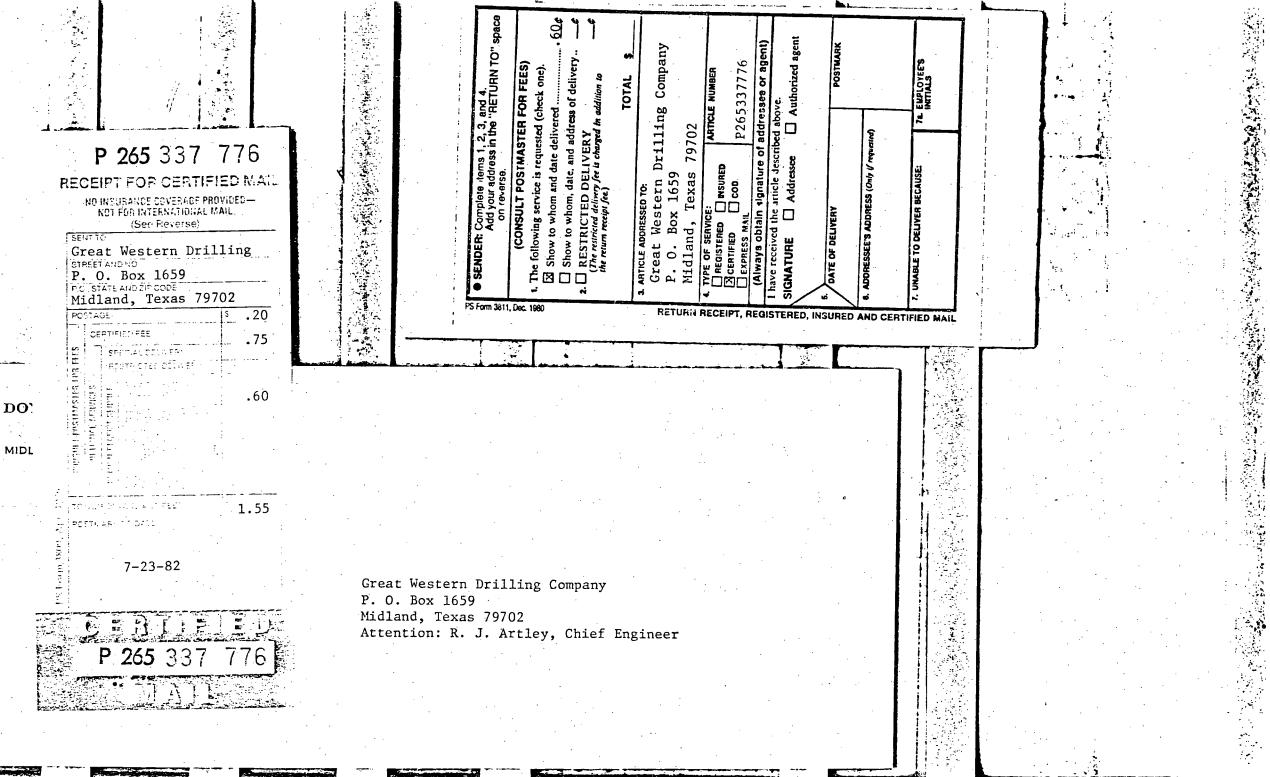
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SENDER: Complete items 1, 2, 3, Add your address in the on reverse. and Form 3811, Doc "RETURN TO" space (CONSULT POSTMASTER FOR FEES) 1. The following service is requested (check one). ī A Show to whom and date delivered 60.¢ Show to whom, date, and address of delivery... 2. C RESTRICTED DELIVERY (The restricted delivery fee is charged in addition the return receipt fee.) TOTAL 3. ARTICLE ADDRESSED TO: Arco Oil and Gas Company RETUHN P. O. Box 1610 Midland, Texas 79702 TYPE OF SERVICE: ARTICLE NUMBER RECEIPT CERTIFIED COD P265337774 Attention: Huan Pham, Area Engineer REGISTERED, INSURED (Always obtain signature of addressee or agent) I have received the article described above. SIGNATURE DAddressee Authorized agent DATE OF DELIVERY POSTMARK Arco Oil and Gas Company 6. ADDRESSEE'S ADDRESS (Only (f requested) AND CENTIFIED MAIL P. O. Box 1610 Midland, Texas 79702 7. UNABLE TO DELIVER BECAUSE: 7a. EMPLOYEE'S INITIALS RECEIPT FOR CERTIFIED MAI P 265 337 774 .20 .60 no insurance coverjof frouided. Not for international mail ŝ 79702 ပိ Arco 0il and Gas (See Reverse) Texas • 0. Box 1610 /-23-82 CERTIFIED FEE SPEC:41 POSTRASH CLUCT STREET AND NO Midland 11.034 Ó 55 a dhuaid si s 1803 - HOV STORVERS \$110 d_V 0032 0000 1 5.1 DOY MIDL

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PS Form 3011, Dec. 1990 RETURN RECEIPT, REGISTERED, INSURED AND CZHIIFIED MAIL	On reverse. (CONSULT POSTMASTER FOR FEES) 1. The following service is requested (check one). > Show to whom and date delivered				District Production Manager	
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