

OIL CONSERVATION DIVISION
P. O. Box 2088
SANTA FE, NEW MEXICO
87501

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

Application Received 7/29/82
Process - today -
ADMINISTRATIVE ORDER
NFL 60

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

I.

Operator Doyle Hartman Well Name and No. Byrom-Williams Well No. 1
Location: Unit G Sec. 33 Twp. 19S Rng. 37E Cty. Lea

II.

THE DIVISION FINDS:

- (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 the standard spacing unit in said pool is 640 acres.
- (4) That a 120-acre proration unit comprising the NW1/4 NE1/4 and S1/2 NE1/4 of Sec. 33, Twp. 19S, Rng. 37E, ~~is currently~~ dedicated to the W.K. Byrom, J.H. Williams "B" Well No. 4 located in Unit B of said section.
- (5) That this proration unit is () standard (X) nonstandard; if nonstandard, said unit was previously approved by Order No. NSP-1310(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 258,500 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 _____, 19 _____.

DIVISION DIRECTOR _____ EXAMINER _____

DOYLE HARTMAN

Oil Operator

500 N. MAIN

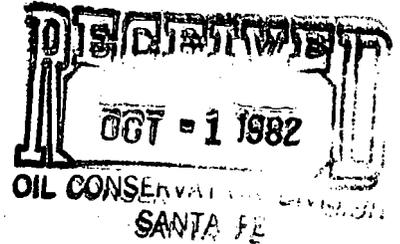
P. O. BOX 10426

MIDLAND, TEXAS 79702

(915) 684-4011

Mike

September 29, 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
Lea County, New Mexico

Gentlemen:

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,

DOYLE HARTMAN

Becky Eichinger
Becky Eichinger,
Administrative Assistant

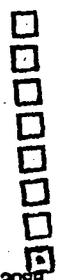
/be



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
 OIL CONSERVATION DIVISION

JJR
 JIII
 GSB
 RMG
 ENG
 GEO
 L&L
 ACCT.

MAY 17 1982



POST OFFICE BOX 2088
 STATE LAND OFFICE BUILDING
 SANTA FE, NEW MEXICO 87501
 (505) 827-2434

BRUCE KING
 GOVERNOR
 LARRY KEHOE
 SECRETARY

FLAG-REDFERN OIL COMPANY
 P O BOX 2280
 MIDLAND TEXAS 79702

JPL

Re: Wellhead price ceiling
 determination, NGPA of
 1978

Gentlemen:

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 18-20S-36E

SECTION(S) APPLIED FOR 103

DATE APPLICATION RECEIVED April 27, 1982

APPLICATION INCOMPLETE Please file for dryfill Well Finding (NFL).

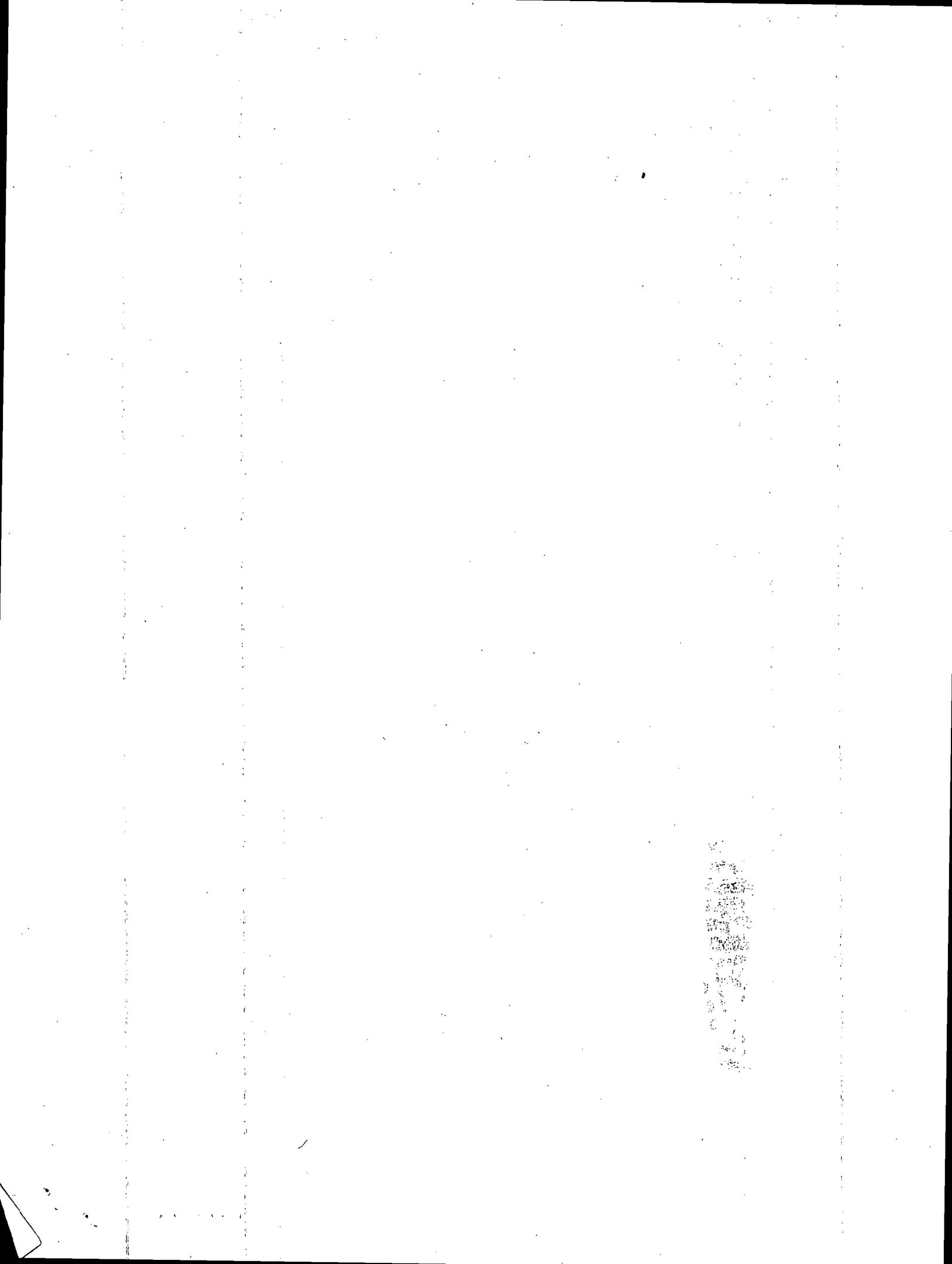
Sincerely,

Michael E. Stogner

DATE: May 13, 1982

NOTE:

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



DOYLE HARTMAN

Oil Operator

500 N. MAIN

P. O. BOX 10426

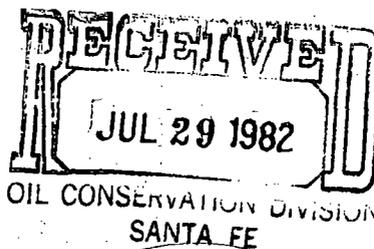
MIDLAND, TEXAS 79702

(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



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.
- 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.
- Rule 7 The number of the Administrative Order approving the non-standard proration unit and unorthodox 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;

- 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;
- b. 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)
 6. 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

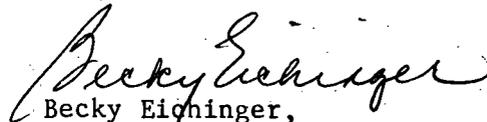
All operators of proration or spacing units offsetting the unit for which an infill finding is sought have been notified of this application by certified or registered mail.

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


Becky Eichinger,
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

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 interval 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:

Stabilized Deliverability Coefficient, 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) were combined, resulting in the following:

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 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:

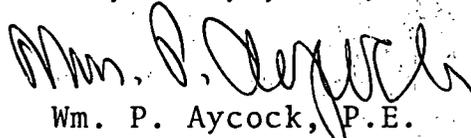
Gas Production History Tabulation and Graph For the W. K. Byrom Williams No. 1 (later renamed "B"-4).

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, P.E.

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

<u>SECTION OF RULE 8</u>	<u>RULE 8 REQUIREMENT</u>	<u>PRE-EXISTING WELL W. K. BYROM, OPERATOR</u>	<u>INFILL APPLICATION WELL DOYLE HARTMAN, OPERATOR</u>
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
c.	Completion Date	August 17, 1952	June 29, 1982
d.	Mechanical Problems	None; Workover 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 completed in Eunice-Monument Pool July 22, 1980, for 25 BOPD, 30 BWPD & GOR of 30,000.	Not Plugged

30-025-27808

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FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. In locate Type of Lease
 STATE FEE
 5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work
 b. Type of Well DRILL DEEPEN PLUG BACK
 OIL WELL GAS WELL OTHER
 SINGLE ZONE MULTIPLE ZONE

7. Well Agreement Name
 8. Firm or Lease Name
 Byrom - Williams

2. Name of Operator
 Doyle Hartman

9. Well No.
 1

3. Address of Operator
 P. O. Box 10426, Midland, Texas 79702

10. Field and Loc. of Well
 Eumont (Gas)

4. Location of Well
 UNIT LETTER G LOCATED 1650 FEET FROM THE North LINE
 2310 FEET FROM THE East LINE OF SEC. 33 TWP. 19S RGE. 37E

11. County
 Lea

18. Proposed Depth 3850	19A. Formation Queen - Penrose	20. Rotary or C.B. Rotary
21A. Kind & Status Plug. Head Multi-Well Approved	21B. Drilling Contractor Kenai	22. Approx. Date Work will start May, 1982
17. Elevations (show whether DE, KI, etc.) 3570.9		

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/4	9 5/8	40.5	400	300	Surface
8 3/4	7	23.0	3850	700	Surface

The proposed well will be drilled to a total depth of 3850 feet and will be completed as a Eumont (Queen-Penrose) Gas Producer. From the base of the surface pipe through the running of the production casing, the well will be equipped with a 3000-psi double ram BOP system.

NOTE: Presently negotiating contract with El Paso Natural Gas for Eumont Gas.

APPROVAL VALID FOR 180 DAYS
 PERMIT EXPIRES 12/14/82
 UNLESS DRILLING UNDERWAY

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

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

Signed Larry A. Penrose Title Engineer Date April 23, 1982

(This space for Signer)
 ORIGINAL SIGNED BY
 JERRY SEXTON

JUN 14 1982

APPROVED BY DISTRICT 1 SUPR. TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form O-1
Supersedes O-128
Effective 1-1-85

All distances must be from the outer boundaries of the Section

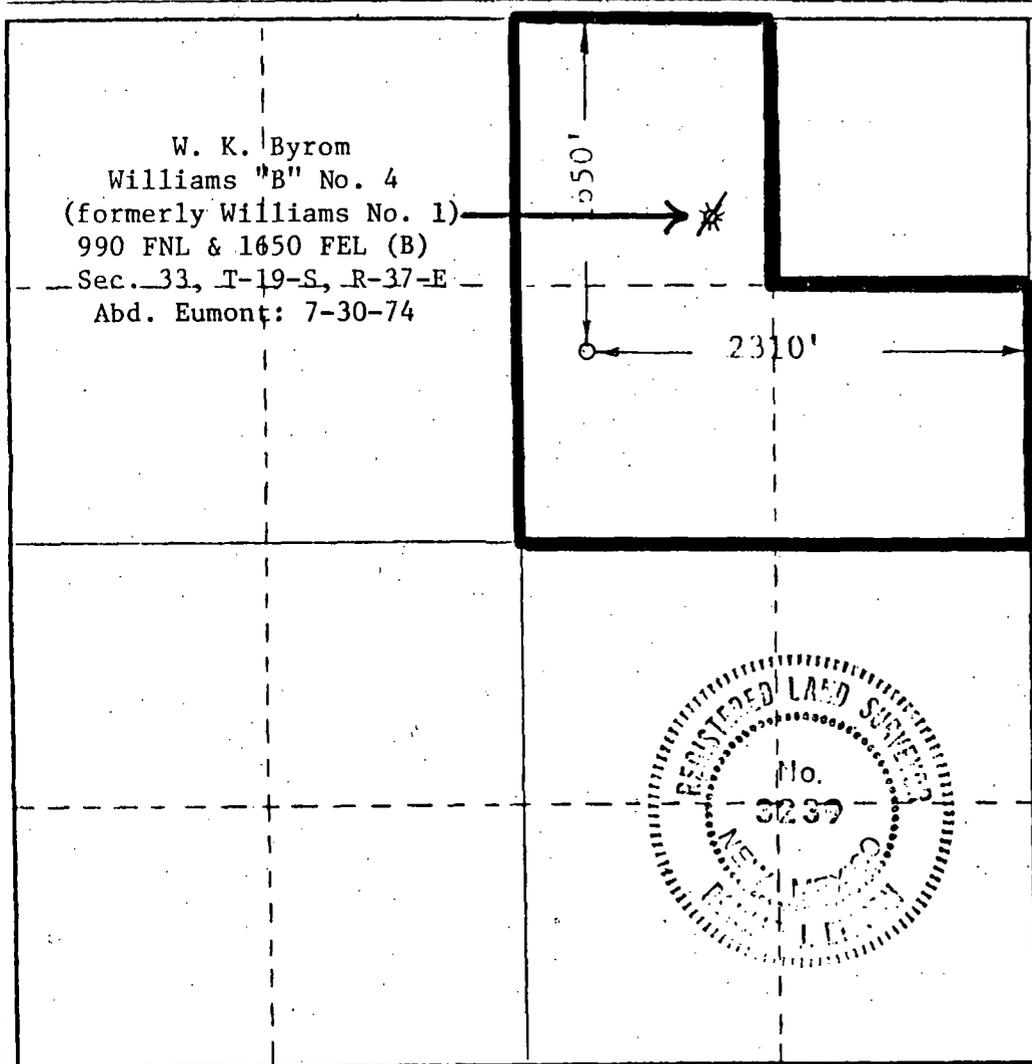
Operator Doyle Hartman		Lease Byrom- Williams		Well No. 1
Unit Letter G	Section 33	Township 19 South	Range 37 East	County Lea
Actual Well Location of Well: 1650 feet from the North line and 2310 feet from the East line				
Ground Level Elev. 3570.9	Producing Formation Queen-Penrose	Pool Eumont (Gas)	Dedicated Acreage: 120	

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

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

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

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



CERTIFICATION

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

Name: Larry A. Perry
Position: Engineer

Company: Doyle Hartman

Date: April 26, 1982

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

Date Surveyed: April 23, 1982

Registered Professional Engineer and/or Land Surveyor

Ronald J. Eidson

Certificate No. JOHN W. WEST 678
PATRICK A. ROMERO 6868
Ronald J. Eidson 3239





STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

BRUCE KING
GOVERNOR
LARRY KEHOE
SECRETARY

June 2, 1982

POST OFFICE BOX 2088
STATE LAND OFFICE BUILD
SANTA FE, NEW MEXICO 87
15051 827-2434

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

Attention: Larry A. Nermyr

Administrative Order NSP-1310(L)

Gentlemen:

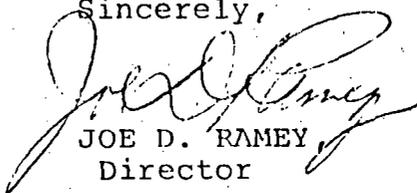
Reference is made to your application for a 120-acre non-standard proration unit consisting of the following acreage in the Eumont Gas Pool:

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

17 1982

R 36 E

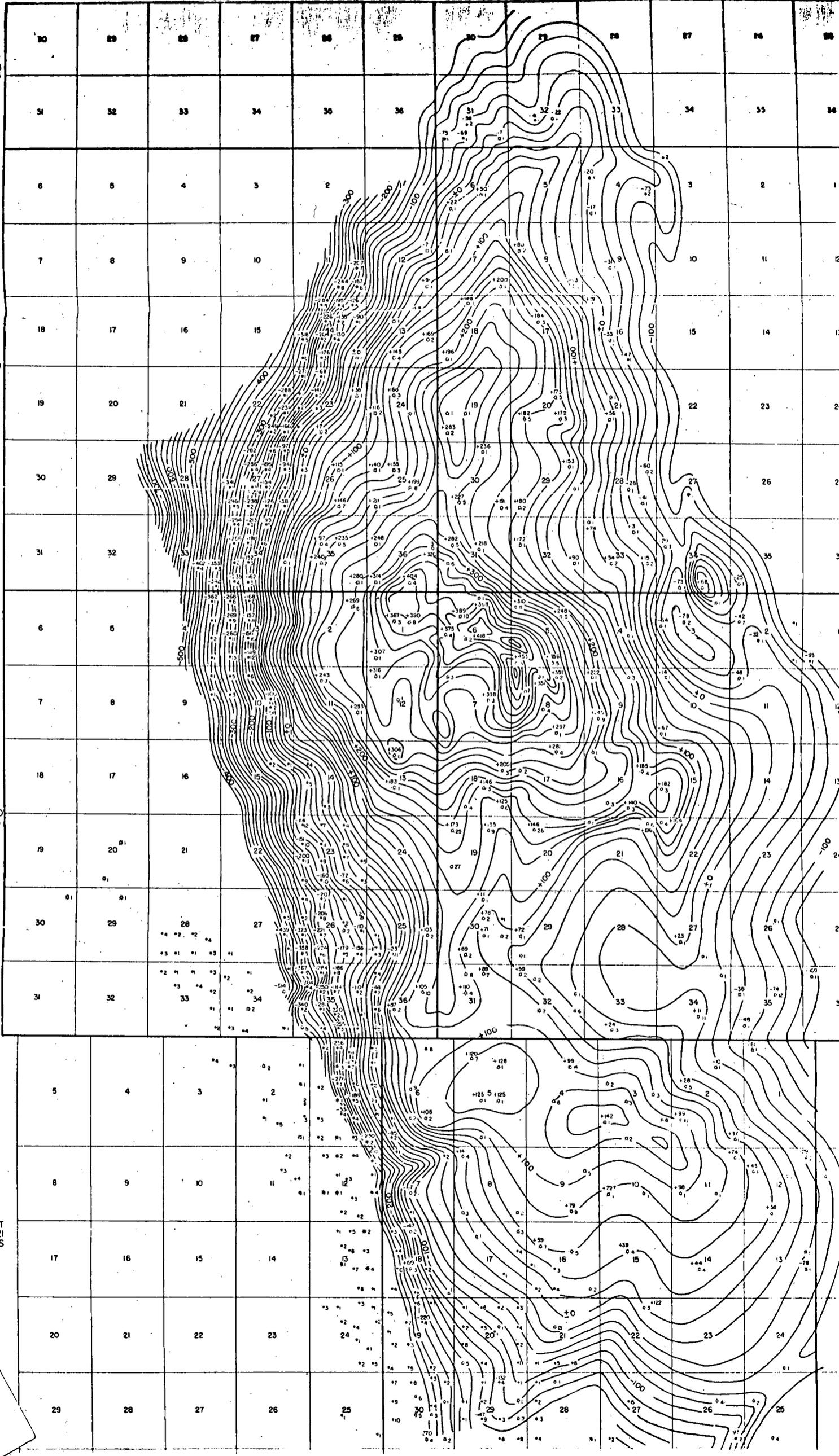
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T 19 S

T 20 S

T 21 S

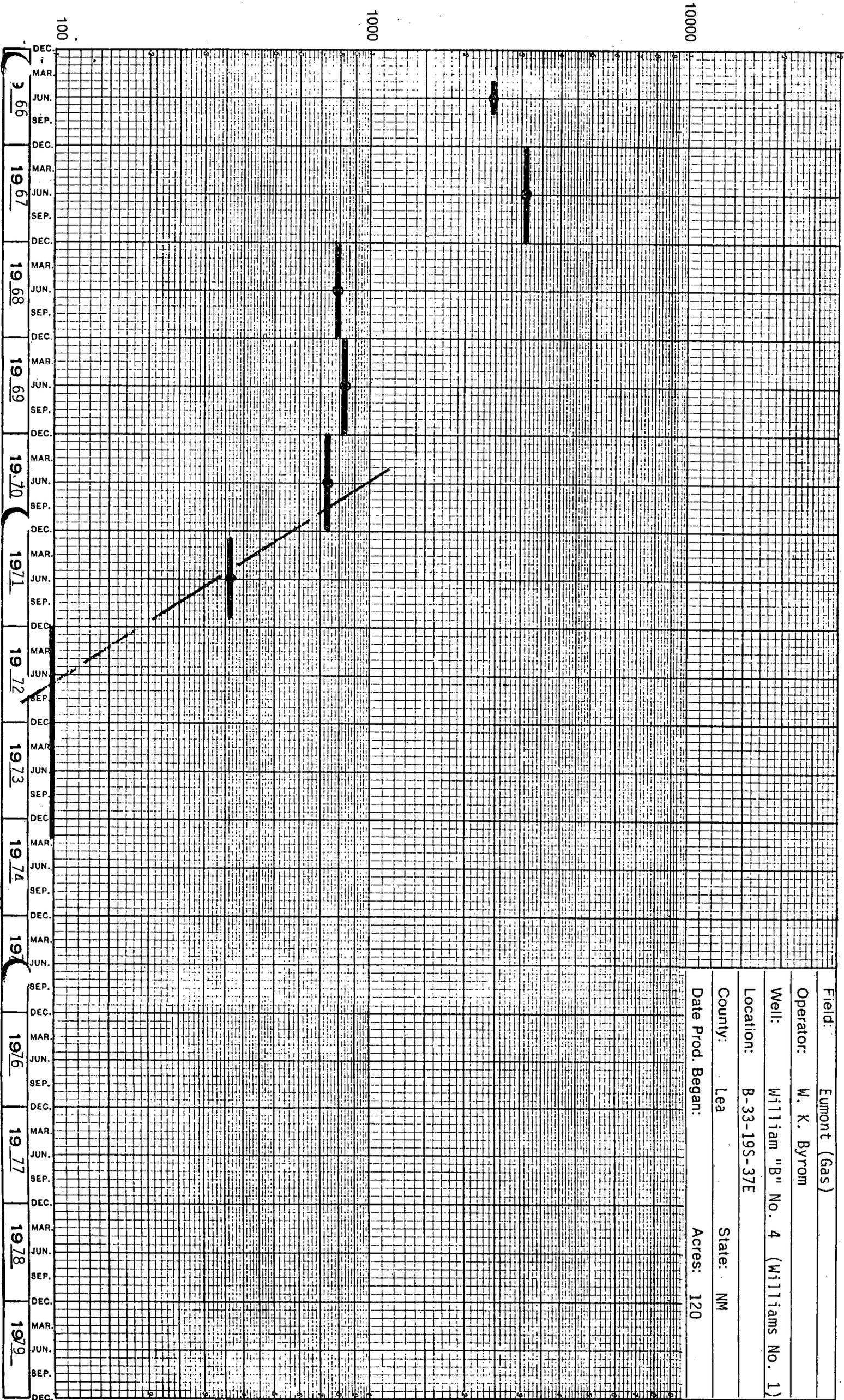
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31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61

5	4	3	2	1	0	-1	-2	-3	-4	-5	-6	-7	-8	-9	-10	-11	-12	-13	-14	-15	-16	-17	-18	-19	-20	-21	-22	-23	-24	-25
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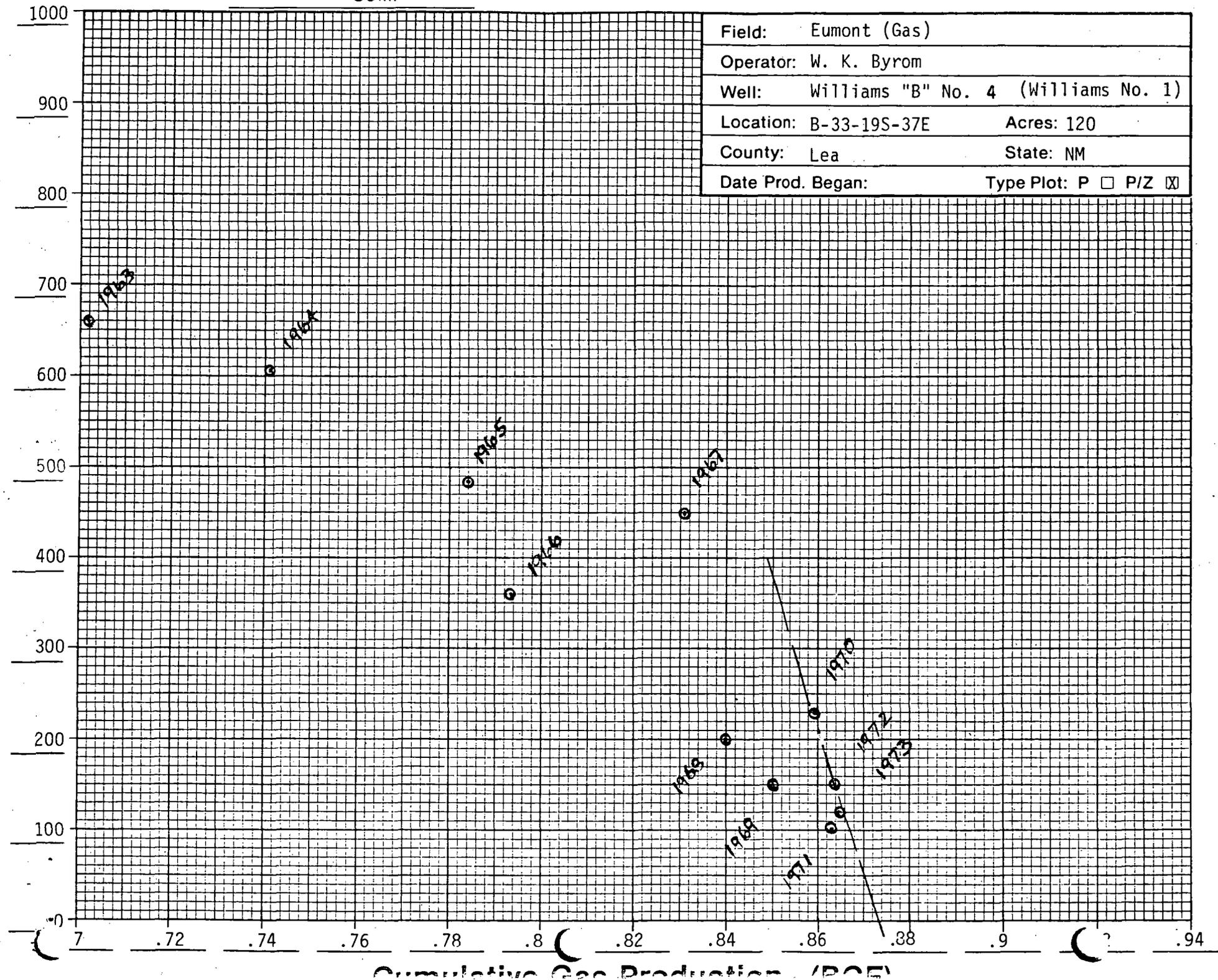
Gas Production - MCF/month



Field: Eumont (Gas)
 Operator: W. K. Byrom
 Well: William "B" No. 4 (Williams No. 1)
 Location: B-33-19S-37E
 County: Lea State: NM
 Date Prod. Began: Acres: 120

Pressure or P/Z - (psia)

Field:	Eumont (Gas)		
Operator:	W. K. Byrom		
Well:	Williams "B" No. 4 (Williams No. 1)		
Location:	B-33-19S-37E	Acres:	120
County:	Lea	State:	NM
Date Prod. Began:		Type Plot:	P <input type="checkbox"/> P/Z <input checked="" type="checkbox"/>



DISTRIBUTION
 SANTA FE
 FIELD
 OFFICE
 LAND OFFICE
 OPERATOR

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

Form O-100
 Revised 1-1982
 State Fee
 Title of Lease

1. NAME OF WELL

2. TYPE OF COMPLETION
 OIL WELL GAS WELL DRY OTHER

NEW WORK OVER DEEPEN PLUG BACK REILL OTHER

3. NAME OF OPERATOR
 Doyle Hartman

4. ADDRESS OF OPERATOR
 P. O. Box 10426 Midland, Texas 79702

5. UNIT AND LEASE NAME
 Unit A and Lease

6. Name of Lease Owner
 Byrom-Williams

7. Well No.
 1

10. Field and Pool, or Without
 Eumont (Gas)

UNIT LETTER **G** LOCATED **1650** FEET FROM THE **North** LINE AND **2310** FEET FROM

THE **East** LINE OF SEC. **33** TWP. **19S** RGE. **37E** NEEDLE LEA

15. Date Completed
 6-14-82 16. Date First Production 6-22-82 17. Date Ready to Produce 6-29-82 18. Production (Oil, Gas, RT, GR, etc.) 3570.9 GL 19. Other Production 3570.9

20. Total Depth 3900 21. Depth to Pack TDV 3896 22. Depth to Completion 0-3900 23. Other Data

24. Log Interval(s) of this completion Top Bottom Time
 3579-3700 w/18 holes (Queen)

26. Type of Completion Code
 CDN-DSN-GR and Guard-Forxo

27. Well Status
 No

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

CASING SIZE	WEIGHT L.B. FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9 5/8	36.0	426	12 1/4	225 sx (circ)	None
7	23.0	3900	8 3/4	1100 sx (circ)	None

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN
2 3/8				

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 3/8	3741	--

31. Particulars (Log or other log, size and number)
 18 Holes with one hole each at: 3579; 3584; 3588; 3597; 3600; 3604; 3609; 3617; 3624; 3642; 3646; 3652; 3657; 3668; 3679; 3694; 3697; 3700

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
 DEPTH INTERVAL: 3579-3700
 AMOUNT AND KIND OF MATERIAL USED: A/5600 15% MCA SWF 72,300 + 174,000

33. PRODUCTION
 Date Entered in Production: 6-29-82
 Production Method (Flowing, gas lift, pumping - size and type pump): Pumping - Flowing (8 1/2 X 64 X 1 1/4)
 Well Status (Producing, Shut-in): Shut-In

Date	Hours	Production	Water	Gas	Oil	Other
7-5-82	24 Hours	17/64	192	--	--	--
--	100	--	192	--	--	--

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

Test Stationed By
 Harold Swain

35. List of Attachments

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

SIGNED Henry A. News TITLE Engineer DATE July 6, 1982

This form is to be filed with the appropriate District Office of the Commission not later than 10 days after the completion of any newly-drilled deepened well. It shall be accompanied by a copy of all electrical and resistivity logs run in the well and a summary of all special tests conducted, including full stem tests. All depths reported shall be measured by dip in the case of uncorrected drilled wells; true vertical depths also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in duplicate except where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy <u>1321</u>	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt <u>1410</u>	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt <u>2495</u>	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates <u>2642</u>	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers <u>2910</u>	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen <u>3450</u>	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg <u>3732</u>	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Hinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from 3565 to 3732 No. 4, from _____ to _____

No. 2, from _____ to _____ No. 5, from _____ to _____

No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

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

No. 1, from _____ to _____ feet.

No. 2, from _____ to _____ feet.

No. 3, from _____ to _____ feet.

No. 4, from _____ to _____ feet.

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
1321	1410	89	Anhydrite				
1410	2495	1085	Salt and Anhydrite				
2495	2642	147	Dolomite and Anhydrite				
2642	2910	268	Dolomite and Sand				
2910	3450	540	Dolomite and Sand				
3450	3565	115	Dolomite and Sand				
3565	3732	167	Dolomite and Sand				
3732	3900	168	Dolomite and Sand				

INCLINATION REPORT

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

LEASE NAME BYROM WILLIAMS WELL NO. #1 FIELD _____

LOCATION _____

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	57.7509

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

Denise Leake

TITLE OFFICE MANAGER

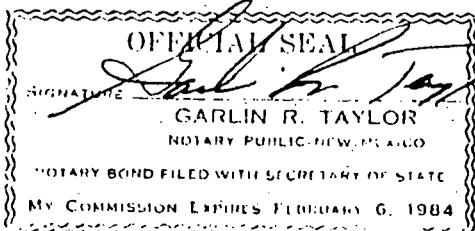
AFFIDAVIT:

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.

Denise Leake

AFFIANT'S SIGNATURE

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



SEAL

30 1982

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

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

LEASE NAME BYROM WILLIAMS WELL NO. #1 FIELD

LOCATION

DEPTH	ANGLE INCLINATION DEGREES	DISPLACEMENT	DISPLACEMENT ACCUMULATED
426	1/2	3.7062	3.7062
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2121	1	10.2025	28.4759
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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

Denise Leake
TITLE OFFICE MANAGER

AFFIDAVIT:

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.

Denise Leake
AFFIANT'S SIGNATURE

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



SEAL

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

NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

REGISTRATION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL
	GAS
OPERATOR	
PRODUCTION OFFICE	

Operator: Doyle Hartman

Address: P. O. Box 10426, Midland, Texas 79702

Reason(s) for Filing (Check proper box):
 New Well Change in Transporter of:
 Recompletion Oil Dry Gas
 Change in Ownership Casinghead Gas Condensate

If change of ownership give name and address of previous owner

I. DESCRIPTION OF WELL AND LEASE

Lease Name: Byrom-Williams	Well No.: 1	Pool Name, Including Formation: Eumont (Queen)	Kind of Lease: State, Federal or Fee	Fee
Location: Unit Letter: G : 1650 Feet From The North Line and 2310 Feet From The East Line of Section: 33 Township: 19S Range: 37E, NMPL, Lea				

II. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
El Paso Natural Gas	P. O. Box 1384 Jal, New Mexico 88252
If well produces oil or fluids, give location of tanks.	Is gas actually connected? When
	No July 1982

If this production is commingled with that from any other lease or pool, give commingling order number:

III. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well <input type="checkbox"/>	Gas Well <input checked="" type="checkbox"/>	New Well <input checked="" type="checkbox"/>	Workover <input type="checkbox"/>	Deepen <input type="checkbox"/>	Plug Back <input type="checkbox"/>	Same Reservoir <input type="checkbox"/>	Diff. <input type="checkbox"/>
Date Finished: 6-14-82	Date Compl. Ready to Prod.: 6-29-82	Total Depth: 3900	P.B.T.D.: 3896					
Elevation (DI, RAB, RT, GR, etc.): 3570.9 GL	Name of Producing Formation: Queen	Top Oil/Gas Pay: 3579	Tubing Depth: 3741					
Perforations: 3579-3700 w/18 Shots (Queen)			Depth Casing Shoe: 3900					

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
12 1/4	9 5/8" 36.0 lb/ft	426'	225 (circ)
8 3/4	7" 23.0 lb/ft	3900'	1100 (circ)

IV. TEST DATA AND REQUEST FOR ALLOWABLE (Test must be after recovery of total volume of load oil and must be equal to or exceed total allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF

GAS WELL

Actual Prod. Test - MCF/D: 192	Length of Test: 24 Hours	Bbls. Condensate/MCF: --	Gravity of Condensate: --
Testing Pressure (psia, back pr.): Office Tester	Tubing Pressure (shut-in): --	Casing Pressure (shut-in): FCP = 100 psi	Choke Size: 17/64

V. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Larry P. Murray
(Signature)

Engineer
(Title)

July 6, 1982
(Date)

OIL CONSERVATION COMMISSION

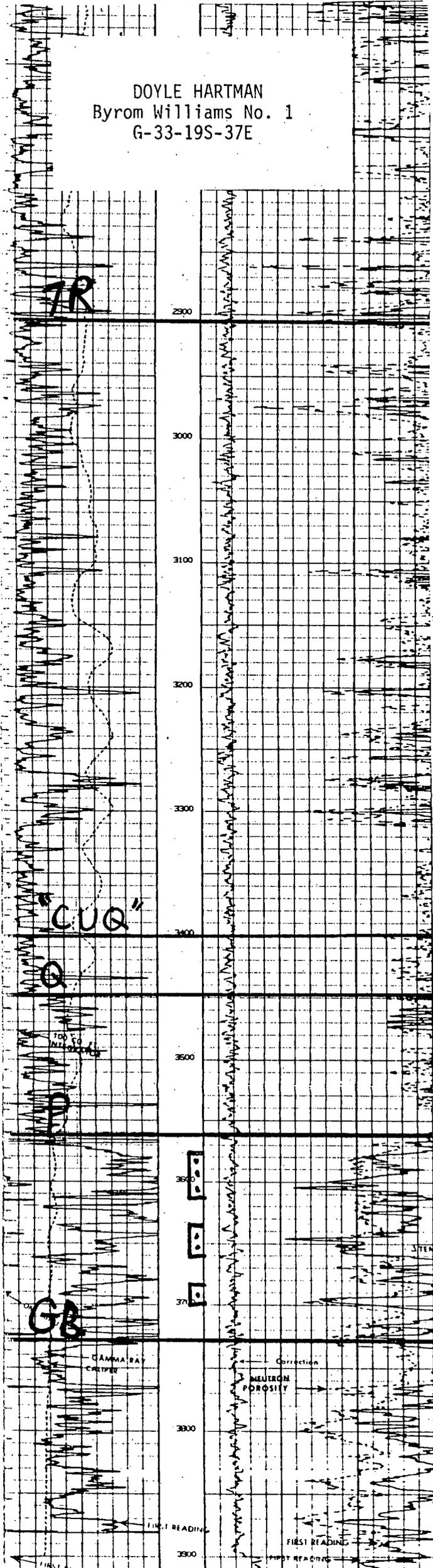
APPROVED _____, 19

BY _____

TITLE _____

This form is to be filed in compliance with RULE 1104.
 If this is a request for allowable for a newly drilled or de-well, this form must be accompanied by a tabulation of the data tests taken on the well in accordance with RULE 111.
 All sections of this form must be filled out completely for wells on new and recompleted wells.
 Fill out only Sections I, II, III, and VI for changes of well name or number, or transporter, or other such change of completion.
 Separate Forms C-104 must be filed for each pool in recompleted wells.

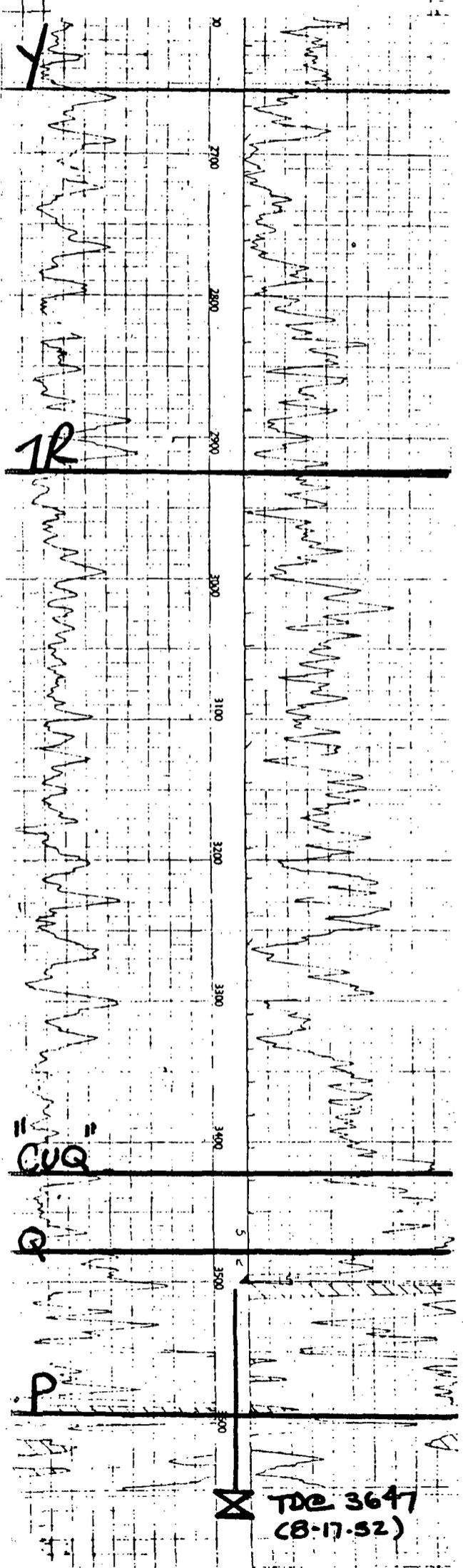
DOYLE HARTMAN
Byrom Williams No. 1
G-33-19S-37E



COMPANY	Doyle Hartman
WELL	Byrom-Williams No. 1
FIELD	Eumont (Gas)
LOCATION	1650 FNL and 2310 FEL (G) Section 33, T-19-S, R-37-E
COUNTY	Lea
STATE	New Mexico
ELEVATIONS:	KB _____ DF _____ GL 3570.9

COMPLETION RECORD			
SPUD DATE	6-14-82	COMP. DATE	6-29-82
TD	3900	PBTD	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		
IP	IPF = 192 MCFPD		
GOR	GR		
TP	CP 100		
CHOKE	17/64 TUBING 2 3/8 @ 3741		
DST RECORD	(8-1/2 x 64 x 1-1/4)		
REMARKS			

W. K. BYROM
 J. H. Williams "B" No. 4
 B-33-19S-37E



COMPANY	W. K. Byrom (Aztec)
WELL	J. H. Williams "B" No. 4 (J. H. Williams No. 1)
FIELD	Eunice-Monument
LOCATION	990 FNL & 1650 FEL (B) Section 33 T-19-S, R-37-E
COUNTY	Lea
STATE	New Mexico
ELEVATIONS:	KB 3584 DF GL 3578

COMPLETION RECORD			
SPUD DATE	7-28-52	COMP. DATE	8-17-52
TD	3647	PBTD	3647
CASING RECORD	13-3/8 @ 215 w/150 5-1/2 @ 3498 w/1200		
PERFORATING RECORD	OH: 3498-3647 (T/P @ 3611)		
STIMULATION			
IP	IPF= 1280 MCFPD		
GOR	GR		
TP	1032	CP	
CHOKE	TUBING 2-3/8 @ 3642		
DST RECORD	1-8-68 : SOF/47,000 + 20,000. 2-74 : Last Eumont prod. 7-30-74: Well disconnected from EPNGC. 6-18-80: Well deepened and		
REMARKS	recompleted as Eunice-Monument producer 3692-3796 w/10.		

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FILE

U.S.G.S.

LAND OFFICE

OPERATOR

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

Form O-105
Revised 1-1-65

Recompletion of well to Eunice Monument
 7-24-80

5a. Indicate Type of Lease
 State Fee

5. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Farm or Lease Name
 J.H. Williams B

9. Well No.
 4

10. Field and Pool, or Wildcat
 Eunice Monument GSA

12. County

1. TYPE OF WELL

2. TYPE OF COMPLETION
 OIL WELL GAS WELL DRY OTHER
 NEW WELL WORK OVER DEEPEN PLUG BACK DIFF. RESVR. OTHER

Name of Operator
 W. K. Byrom

Address of Operator
 Box 147 - Hobbs, N. M. 88240

Location of Well
 Section 33 Twp. 19S Rge. 37E NMPM

3. LOCATION
 LETTER B LOCATED 990 FEET FROM THE North LINE AND 1650 FEET FROM East LINE OF SEC. 33 TWP. 19S RGE. 37E NMPM I. ca

15. Date T.D. Reached 5-11-80

17. Date Compl. (Ready to Prod.) 6-18-80

18. Elevations (DF, RKB, RT, GR, etc.) 7-19-80 3578GR

19. Elev. Casinghead

20. Total Depth 3880

21. Plug Back T.D. 3800

22. If Multiple Compl., How Many

23. Intervals Drilled By Rotary Tools Cable Tools
 → 3640-3880

24. Producing Interval(s), of this completion - Top, Bottom, Name
 3692 to 3796 Grayburg

25. Was Directional Survey Made no

26. Type Electric and Other Logs Run
 Gr. Neutron

27. Was Well Cored no

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

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8	24	215	12-1/4	150	none
5-1/2	17	3498	7-7/8	1200	none

5. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN
4-1/2	3375	3880	75	

6. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-3/8	3792	none

7. Perforation Record (Interval, size and number)
 3692, 3707, 26, 38, 52, 56, 70, 82, 88 & 3796

10 holes 35"

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3692-3796	3500gal 15% NF Acid
3692-3796	20,000gal 2% KCL Water & 20,000#s

9. PRODUCTION

Date First Production 7-19-80

Production Method (Flowing, gas lift, pumping - Size and type pump) pumping 1 1/2 x 12' x 2" T.H.D.

Well Status (Prod. or Shut-in) producing

Date of Test 7-22-80

Hours Tested 24

Choke Size 2"

Prod'n. For Test Period →

Oil - Bbl. 25

Gas - MCF 30,000

Water - Bbl. 30

Gas - Oil Ratio 12

Flow Tubing Press. 50

Casing Pressure 50

Calculated 24-Hour Rate →

Oil - Bbl. 25

Gas - MCF 30,000

Water - Bbl. 30

Oil Gravity - API (Corr.) 36

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

Test Witnessed By C.W. Byrom

35. List of Attachments

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

SIGNED W.K. Byrom TITLE Geologist DATE 7-24-80

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DISTRIBUTION		
STATE		
LE		
S.G.S.		
FIELD OFFICE		
CREATOR		

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-85

50. Indicate Type of Lease
State Fee

51. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO REOPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE APPLICATION FOR PERMIT (FORM C-101) FOR SUCH PROPOSALS.)

OIL WELL GAS WELL OTHER

Name of Operator

W. K. Byrom

Address of Operator

Box 147 - Hobbs, N. M. 88240

Location of Well

UNIT LETTER B 990 FEET FROM THE North LINE AND 1650 FEET FROM

THE East LINE, SECTION 33 TOWNSHIP 19S RANGE 37E N.M.P.M.

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

3578' Gr.

12. County

Lea

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

FORM REMEDIAL WORK

PLUG AND ABANDON

REMEDIAL WORK

ALTERING CASING

TEMPORARILY ABANDON

COMMENCE DRILLING OPNS.

PLUG AND ABANDONMENT

REOPEN OR ALTER CASING

CHANGE PLANS

CASING TEST AND CEMENT JOB

OTHER

OTHER

Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1603.

5-2-80:
I intend to deepen this well to 3795 with a pulling unit. We will run a 4" liner to TD and tie back to the 5 1/2" csg. The well will be perforated in the Grayburg Zone from 3790 to 3675, acid treated.

The work will start when a unit becomes available in about 10 days.

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

Signed by W. K. Byrom

TITLE Geologist

DATE 5-2-80

COPIED BY Jerry Sutton

TITLE Director

DATE MAY 9 1980

CONDITIONS OF APPROVAL Not by Dept.

El Paso Natural Gas Company

El Paso, Texas 79978

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

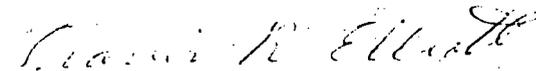
Gentlemen:

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



Travis R. Elliott
Gas Production Status Analyst

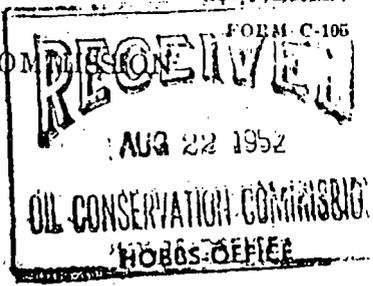
TRE:bl

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

TRIPPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico



WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPPLICATE.

AREA 640 ACRES
LOCATE WELL CORRECTLY

Southern Union Gas Company
Williams Well No. 1 in NW NE of Sec. 33, T. 19S
 R. 37E, N. M. P. M., Monument Field, Lea County.
 Well is 990 feet south of the North line and 1650 feet west of the East line of Sec 33-19S-37E
 If State land the oil and gas lease is No. - Assignment No. -
 If patented land the owner is Williams Estate, Address -
 If Government land the permittee is -, Address -
 The Lessee is Southern Union Gas Co., Address Dallas, Texas
 Drilling commenced 7-14-52 19 52 Drilling was completed 8-9-52 19 52
 Name of drilling contractor Makin Drilling Co. Address Hobbs, N.M.
Western Drilling Co. Address Lubbock, Tex.
 Elevation above sea level at top of casing RDB 3584 feet. Elev. top 5 1/2" cog. 3578
 The information given is to be kept confidential until - 19 -

OIL SANDS OR ZONES

No. 1, from Gas 3611- to 3647 No. 4, from - to -
 No. 2, from - to - No. 5, from - to -
 No. 3, from - to - No. 6, from - to -

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.
 No. 1, from - to - feet.
 No. 2, from - to - feet.
 No. 3, from - to - feet.
 No. 4, from - to - feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED FROM TO	PURPOSE
<u>5 1/2</u>	<u>17 1/2</u>	<u>8</u>	<u>New</u>	<u>3527</u>	<u>Float</u>			<u>Product</u>
<u>8-5/8</u>	<u>28.55 1/2</u>	<u>8</u>	<u>New</u>	<u>207</u>	<u>Guide</u>		<u>Surface</u>	<u>Indicator</u>
<u>2" EUE</u>	<u>4.70</u>	<u>8</u>	<u>New</u>	<u>3648</u>	<u>Tubing</u>			<u>Tubing</u>

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
<u>12 1/2</u>	<u>8-5/8</u>	<u>215</u>	<u>150</u>	<u>Halliburton</u>		<u>Circulated to surface</u>
<u>7-7/8</u>	<u>5 1/2</u>	<u>3498</u>	<u>1200</u>	<u>"</u>		<u>" " "</u>

PLUGS AND ADAPTERS

Heaving plug--Material - Length - Depth Set -
 Adapters--Material - Size -

RECORD OF SHOOTING OR CHEMICAL TREATMENT

Heaving plug--Material-----Length-----Depth Set-----

Adapters--Material-----Size-----

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
None						

Results of shooting or chemical treatment-----

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

TOOLS USED

Rotary tools were used from 0 feet to 3510 feet, and from feet to feet.

Cable tools were used from 3510 feet to 3647 feet, and from feet to feet.

PRODUCTION

Put to producing-----19----- Shut-in awaiting pipeline connection

The production of the first 24 hours was-----barrels of fluid of which-----% was oil;-----%

emulsion:-----% water; and-----% sediment. Gravity, Be-----

If gas well, cu. ft. per 24 hours 1280 MCF/D AOF-----Gallons gasoline per 1,000 cu. ft. of gas-----

Rock pressure, lbs. per sq. in. 1032 psi Well head shut-in 72 hrs.

EMPLOYEES

Contractor-----

Driller----- Driller-----

Driller----- Driller-----

FORMATION RECORD ON OTHER SIDE

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Hobbs, N.M. 8-19-52

Name *Donald R. White* Position Engineer

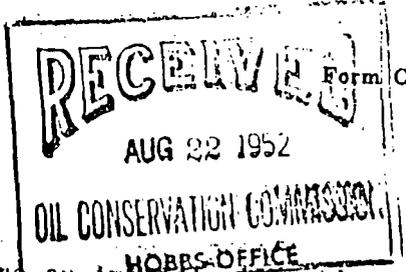
Representing Southern Union Gas Co. Company or Operator.

Address PO Box 864 Hobbs, N.M.

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
<u>DRILLER'S LOG</u>			
0	225	225	Red beds and surface sands
225	747	522	Red beds
747	1330	583	Red beds and anhydrite
1330	1450	120	Anhydrite
1450	2640	1190	Salt
2640	3510	870	Lime and anhydrite
3510	3526	16	Brown lime
3526	3611	85	Gray lime
3611	3647	36	Lime and sand
<u>GEOLOGICAL TOPS</u>			
Top Anhydrite	-	1330	
Base Salt	-	2535	
Top Yates	-	2691	
Top Queen	-	3526	
Top Penrose	-	3611	

**OIL CONSERVATION COMMISSION
Santa Fe, New Mexico**



REQUEST FOR (OIL)-(GAS) ALLOWABLE

It is necessary that this form be submitted by the operator before an 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-101 is filed with the Commission. Form C-101 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.

Hobbs, N.M.

August 19, 1952

Place

Date

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:

Southern Union Gas Co.
Company or Operator

Williams
Lease

Well No. 1 in NW 1/4 NE 1/4

section 33, T. 19S, R. 37E, N.M.P.M. Monument Pool La County

Please indicate location:

Elevation 3584 RDB Spudded 7-14-52 Completed 3-17-52

Total Depth 3617 P.B. -

Top ~~oil~~ Gas Pay 3611 Top Water 14
Initial Production Test: Pump - Flow 1200 MCF/D (MOPD OR CU. FT. GAS PER DAY)

Based on - Bbls. Oil in - Hrs. - MINS.

Method of Test (Pitot, gauge, prover, meter run): Prover

Size of choke in inches * Absolute open flow

Tubing (Size) 2" EUE @ 3642 Feet

Pressures: Tubing Shut-in 1032 Casing -

Gas/Oil Ratio - Gravity -

Casing Perforations:

Open hoel

Unit letter: B

Acid Record:

Show of Oil, Gas and water

None Gals to S/
Gals to S/
Gals to S/

Shooting Record:

None Qts to S/
Qts to S/
Qts to S/

Natural Production Test: - Pumping - Flowing -

Test after acid or shot: - Pumping - Flowing -

Please indicate below formation Tops (in conformance with geographical section of state):

Southeastern New Mexico

Northwestern New Mexico

T. Anhy 1330
T. Salt
B. Salt 2534
T. Yates 2691
T. 7 Rivers
T. Queen 3526
T. Grayburg
T. San Andres
T. Glorieta
T. Drinkard
T. Tubbs
T. Abo
T. Penn
T. Miss

T. Devonian
T. Silurian
T. Montoya
T. Simpson
T. McKee
T. Ellenburger
T. Gr. Wash
T. Granite
T.
T.
T.
T.

T. Ojo Alamo
T. Kirtland-Fruitland
T. Farmington
T. Pictured Cliffs
T. Cliff House
T. Menefee
T. Point Lookout
T. Mancos
T. Dakota
T. Morrison
T. Penn
T.
T.



DOYLE HARTMAN

Oil 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/lr

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

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

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

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

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

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

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

P 265 337 773

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL
(See Reverse)

SENT TO
W. K. Byrom
STREET AND NO
103 West Lea
P.O. STATE AND ZIP CODE
Hobbs, New Mexico

POSTAGE \$.20

CERTIFIED FEE .75

SPECIAL DELIVERY FEE .60

TOTAL POSTAGE AND FEES 1.55

7-23-82

CERTIFIED MAIL
P 265 337 773

PS Form 3811, Dec. 1980

RETURN RECEIPT, REGISTERED, INSURED AND CERTIFIED MAIL

● SENDER: Complete items 1, 2, 3, and 4.
Add your address in the "RETURN TO" space
on reverse.

(CONSULT POSTMASTER FOR FEES)

1. The following service is requested (check one).
- Show to whom and date delivered 60¢
 - Show to whom, date, and address of delivery .. —¢
2. RESTRICTED DELIVERY —¢
(The restricted delivery fee is charged in addition to the return receipt fee.)
- TOTAL \$ _____

3. ARTICLE ADDRESSED TO:
W. K. Byrom
103 West Lea
Hobbs, New Mexico 88240

4. TYPE OF SERVICE:	ARTICLE NUMBER
<input type="checkbox"/> REGISTERED <input type="checkbox"/> INSURED	
<input type="checkbox"/> CERTIFIED <input type="checkbox"/> COD	
<input type="checkbox"/> EXPRESS MAIL	

(Always obtain signature of addressee or agent)
I have received the article described above.
SIGNATURE Addressee Authorized agent

5. DATE OF DELIVERY	POSTMARK
---------------------	----------

6. ADDRESSEE'S ADDRESS (Only if requested)

7. UNABLE TO DELIVER BECAUSE:	7a. EMPLOYEE'S INITIALS
-------------------------------	-------------------------

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

DC

MIL

● **SENDER:** Complete items 1, 2, 3, and 4. Add your address in the "RETURN TO" space on reverse.

(CONSULT POSTMASTER FOR FEES)

1. The following service is requested (check one):
 Show to whom and date delivered 60¢
 Show to whom, date, and address of delivery.. —¢
 RESTRICTED DELIVERY —¢
(The restricted delivery fee is charged in addition to the return receipt fee.)

TOTAL \$ _____

3. **ARTICLE ADDRESSED TO:**
 Amerada Hess Corporation
 P. O. Drawer D
 Monument, New Mexico 88265

4. **TYPE OF SERVICE:** **ARTICLE NUMBER**
 REGISTERED INSURED
 CERTIFIED COD P265337775
 EXPRESS MAIL

(Always obtain signature of addressee or agent)

I have received the article described above.
SIGNATURE Addressee Authorized agent

5. **DATE OF DELIVERY** _____ **POSTMARK** _____

6. **ADDRESSEE'S ADDRESS (Only if requested)** _____

7. **UNABLE TO DELIVER BECAUSE:** _____

7a. **EMPLOYEES' INITIALS** _____

P 265 337 775
RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
 NOT FOR INTERNATIONAL MAIL
 (See Reverse)

SENT TO
 Amerada Hess Corp.
 STREET AND NO.
 P. O. Drawer D
 POSTAL STATE AND ZIP CODE
 Monument, New Mexico

POSTAGE \$.20

CERTIFIED FEE .75

SPECIAL DELIVERY
 REGISTERED MAIL

REGISTERED MAIL SERVICE .60

TOTAL POSTAGE AND FEES 1.55

POSTMARK OF POST OFFICE

7-23-82

CERTIFIED

P 265 337 775

MAIL

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

D
 MI

● **SENDER:** Complete items 1, 2, 3, and 4.
Add your address in the "RETURN TO" space on reverse.

(CONSULT POSTMASTER FOR FEES)

1. The following service is requested (check one).
 Show to whom and date delivered **.60**
 Show to whom, date, and address of delivery.. **—c**

2. **RESTRICTED DELIVERY** **—c**
(The restricted delivery fee is charged in addition to the return receipt fee.)

TOTAL \$ _____

3. **ARTICLE ADDRESSED TO:**
 Marathon Oil Company
 P. O. Box 552
 Midland, Texas 79702

4. **TYPE OF SERVICE:** **ARTICLE NUMBER**
 REGISTERED INSURED
 CERTIFIED COD
 EXPRESS MAIL
P265337777

(Always obtain signature of addressee or agent)
 I have received the article described above.
SIGNATURE Addressee Authorized agent

5. **DATE OF DELIVERY** **POSTMARK**

6. **ADDRESSEE'S ADDRESS (Only if requested)**

7. **UNABLE TO DELIVER BECAUSE:** **7a. EMPLOYEE'S INITIALS**

Marathon Oil Company
 P. O. Box 552
 Midland, Texas 79702

P 265 337 777

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
 NOT FOR INTERNATIONAL MAIL
 (See Reverse)

SENT TO
 Marathon Oil Company
 STREET AND NO.
 P. O. Box 552
 P. O. STATE AND ZIP CODE
 Midland, Texas 79702

POSTAGE \$.20
 CERTIFIED FEE .75

.60

1.55

7-23-82

CERTIFIED MAIL
 P 265 337 777

DOY
 F
 MIDLA

P 265 337 779
 RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
 NOT FOR INTERNATIONAL MAIL
 (See Reverse)

SENT TO	
Gulf Oil Exploration	
P. O. Box 1150	
Midland, Texas 79702	
POSTAGE	.20
CERTIFIED FEE	.75
SPECIAL DELIVERY	
REGISTERED MAIL	
INSURANCE	.60
TOTAL	1.55

7-23-82

CERTIFIED

P 265 337 779

MAIL

RETURN RECEIPT, REGISTERED, INSURED AND CERTIFIED MAIL

PS Form 3811, Jan. 1979

SENDER: Complete Items 1, 2, and 3
 Add your address in the "RETURN TO" space on reverse.

1. The following service is requested (check one)
 Show to whom and date delivered.....60¢
 Show to whom, date and address of delivery.....¢
 RESTRICTED DELIVERY
 Show to whom and date delivered.....¢
 RESTRICTED DELIVERY
 Show to whom, date, and address of delivery, \$ _____

(CONSULT POSTMASTER FOR FEES)

2. ARTICLE ADDRESSED TO:
 Gulf Oil Exploration & Prod. Co.
 P. O. Box 1150
 Midland, Texas 79702

3. ARTICLE DESCRIPTION:
 REGISTERED NO. CERTIFIED NO. INSURED NO.
 P2653377779

Always obtain signature of addressee or agent!
 I have received the article described above.
 SIGNATURE Date _____ Authorized agent

4. DATE OF DELIVERY POSTMARK

5. ADDRESS (Complete only if requested)

6. UNABLE TO DELIVER BECAUSE: CLERK'S INITIALS

GPO : 1979-208 9-14

Gulf Oil Exploration & Production Company
 P. O. Box 1150
 Midland, Texas 79702

Attention: Steve Fly, Land Department

DO
 MID

PS Form 3811, Dec. 1980

RETURN RECEIPT, REGISTERED, INSURED AND CERTIFIED MAIL

● **SENDER:** Complete items 1, 2, 3, and 4.
Add your address in the "RETURN TO" space on reverse.

(CONSULT POSTMASTER FOR FEES)

1. The following service is requested (check one).
- Show to whom and date delivered 60¢
 - Show to whom, date, and address of delivery. 1¢
2. **RESTRICTED DELIVERY** 1¢
(The restricted delivery fee is charged in addition to the return receipt fee.)
- TOTAL \$** _____

3. **ARTICLE ADDRESSED TO:**
Arco Oil and Gas Company
P. O. Box 1610
Midland, Texas 79702

4. TYPE OF SERVICE: <input type="checkbox"/> REGISTERED <input type="checkbox"/> INSURED <input checked="" type="checkbox"/> CERTIFIED <input type="checkbox"/> COD <input type="checkbox"/> EXPRESS MAIL	ARTICLE NUMBER P265337774
---	------------------------------

(Always obtain signature of addressee or agent)

I have received the article described above.
SIGNATURE Addressee Authorized agent

5. DATE OF DELIVERY	POSTMARK
----------------------------	-----------------

6. **ADDRESSEE'S ADDRESS** (Only if requested)

7. UNABLE TO DELIVER BECAUSE:	7a. EMPLOYEE'S INITIALS
--------------------------------------	--------------------------------

Arco Oil and Gas Company
P. O. Box 1610
Midland, Texas 79702

Attention: Huan Pham, Area Engineer

P 265 337 774

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL
(See Reverse)

SENT TO
Arco Oil and Gas Co.
STREET AND NO.
P. O. Box 1610
PO, STATE AND ZIP CODE
Midland, Texas 79702

POSTAGE	.20	CERTIFIED FEE	.75	SPECIAL DELIVERY	.60
---------	-----	---------------	-----	------------------	-----

1.55

7-23-82

CERTIFIED

P 265 337 774

MAIL

DOY

MIDL

P 265 337 776

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED - NOT FOR INTERNATIONAL MAIL (See Reverse)

SENDER: Great Western Drilling, P. O. Box 1659, Midland, Texas 79702

POSTAGE .20, CERTIFIED FEE .75

.60

1.55

7-23-82

P 265 337 776

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

PS Form 3811, Dec. 1980

SENDER: Complete items 1, 2, 3, and 4. Add your address in the "RETURN TO" space on reverse.

(CONSULT POSTMASTER FOR FEES)

- 1. The following service is requested (check one). [X] Show to whom and date delivered .60c, [] Show to whom, date, and address of delivery.. c, 2. [] RESTRICTED DELIVERY (The restricted delivery fee is charged in addition to the return receipt fee.)

TOTAL \$

3. ARTICLE ADDRESSED TO: Great Western Drilling Company, P. O. Box 1659, Midland, Texas 79702

4. TYPE OF SERVICE: [] REGISTERED [] INSURED, [X] CERTIFIED [] COD, [] EXPRESS MAIL, ARTICLE NUMBER: P265337776

(Always obtain signature of addressee or agent)

I have received the article described above. SIGNATURE [] Addressee [] Authorized agent

5. DATE OF DELIVERY, POSTMARK

6. ADDRESSEE'S ADDRESS (Only if requested)

7. UNABLE TO DELIVER BECAUSE: 7a. EMPLOYEE'S INITIALS

RETURN RECEIPT, REGISTERED, INSURED AND CERTIFIED MAIL

● **SENDER:** Complete items 1, 2, 3, and 4. Add your address in the "RETURN TO" space on reverse.

(CONSULT POSTMASTER FOR FEES)

1. The following service is requested (check one):
 Show to whom and date delivered 60¢
 Show to whom, date, and address of delivery.. .. ¢
 2. **RESTRICTED DELIVERY**
 (The restricted delivery fee is charged in addition to the return receipt fee.)

TOTAL \$ _____

3. **ARTICLE ADDRESSED TO:**
 Southland Royalty Company
 1100 Wall Towers West
 Midland, Texas 79701

4. **TYPE OF SERVICE:** **ARTICLE NUMBER**
 REGISTERED INSURED
 CERTIFIED COD P265337778
 EXPRESS MAIL

I have received the article described above.
SIGNATURE Addressee Authorized agent

5. **DATE OF DELIVERY** **POSTMARK**

6. **ADDRESSEE'S ADDRESS (Only if requested)**

7. **UNABLE TO DELIVER BECAUSE:** **7A. EMPLOYEE'S INITIALS**

P 265 337 778
 RECEIPT FOR CERTIFIED MAIL
 NO INSURANCE COVERAGE PROVIDED—
 NOT FOR INTERNATIONAL MAIL—
 (See Reverse)

SENT TO
 Southland Royalty Company
 STREET AND NO.
 1100 Wall Towers West
 CITY, STATE AND ZIP CODE
 Midland, Texas 79701

POSTAGE	.20
CERTIFIED FEE	.75
SPECIAL DELIVERY	
REGISTERED MAIL	
INSURED MAIL	
EXPRESS MAIL	
RESTRICTED DELIVERY	
SALES TAX (Not for use in states that do not charge sales tax on postage)	
TOTAL POSTAGE AND FEES	1.55

DC
 MIC

7-23-82

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

CERTIFIED MAIL
 P 265 337 778

DOYLE HARTMAN

Oil Operator

500 N. MAIN

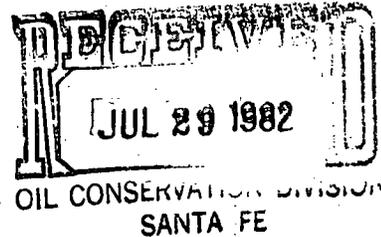
P. O. BOX 10426

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

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.
- 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.
- Rule 7 The number of the Administrative Order approving the non-standard proration unit and unorthodox 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;

- 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;
- b. 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)
 - 6. 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.

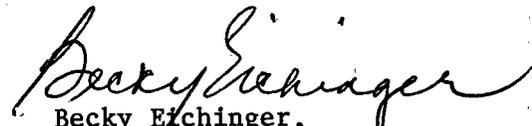
Rule 11

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.

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

Very truly yours,

DOYLE HARTMAN


Becky Eichinger,
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

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.

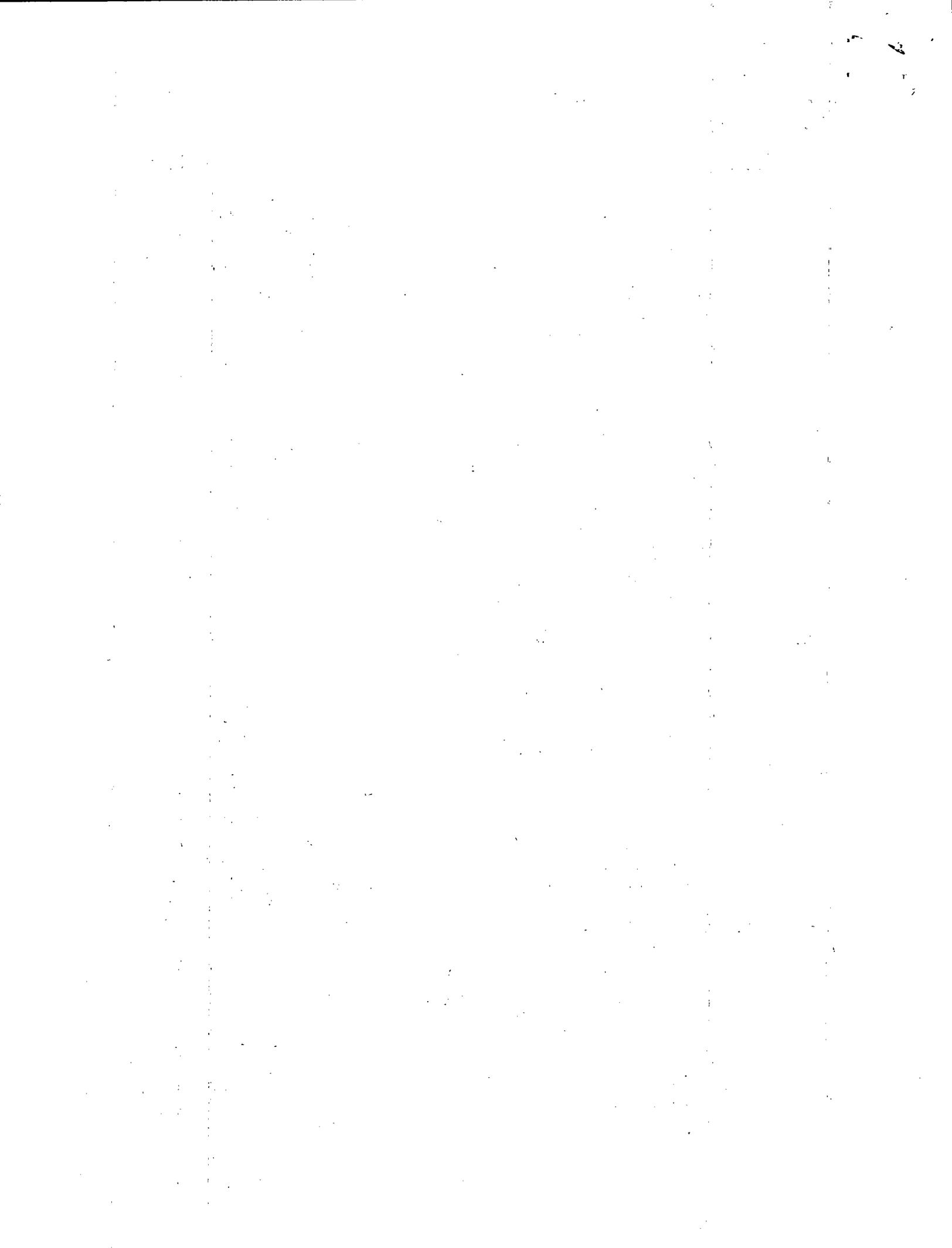
Sec. b. The volume of increased recovery expected to be obtained is at least 258 MMCF, as this is the estimated ultimate recovery of gas for the application well; and, as was discussed in Rule 8, all of this is increased ultimate recovery. This estimate was accomplished as follows:

(1) Well logs for the Hartman Byrom-Williams No. 1 were analyzed for the completion interval 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:



Stabilized Deliverability Coefficient, 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) were combined, resulting in the following:

Original Gas-In-Place	
MMCF/Acre	2.49
MMCF/120 Acres	299.2
Estimated Gas Recovery Factor, F _{cn} of Original Gas-In-Place at an Economic Limit of 500 MCF/month 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, P.E.

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

<u>SECTION OF RULE 8</u>	<u>RULE 8 REQUIREMENT</u>	<u>PRE-EXISTING WELL W. K. BYROM, OPERATOR</u>	<u>INFILL APPLICATION WELL DOYLE HARTMAN, OPERATOR</u>
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
c.	Completion Date	August 17, 1952	June 29, 1982
d.	Mechanical Problems	None; Workover 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 completed in Eunice-Monument Pool July 22, 1980, for 25 BOPD, 30 BWPD & GOR of 30,000.	Not Plugged

30-025-27808

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LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-85

5A. Location Type of Lease
 STATE FLL

5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work
 b. Type of Well DRILL DEEPEN PLUG BACK
 OIL WELL GAS WELL OTHER
 SINGLE ZONE MULTIPLE ZONE

7. Unit Agreement Name

8. Name of Leaseholder
 Byrom - Williams

4. Name of Operator
 Doyle Hartman

9. Well No.
 1

3. Address of Operator
 P. O. Box 10426, Midland, Texas 79702

10. Field and Pool, or Well Unit
 Eumont (Gas)

1. Location of Well UNIT LETTER G LOCATED 1650 FEET FROM THE North LINE
 AND 2310 FEET FROM THE East LINE OF SEC. 33 TWP. 19S RGE. 37E NADP.

11. County
 Lea

18. Proposed Depth 3850	19A. Formation Queen - Penrose	20. Rotary Type Rotary
17. Elevation (show whether DE, RL, etc.) 3570.9	21A. Kind & Status Plug. Bond Multi-Well Approved	21B. Drilling Contractor Kenai
		22. Approx. Date Work will start May, 1982

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/4	9 5/8	40.5	400	300	Surface
8 3/4	7	23.0	3850	700	Surface

The proposed well will be drilled to a total depth of 3850 feet and will be completed as a Eumont (Queen-Penrose) Gas Producer. From the base of the surface pipe through the running of the production casing, the well will be equipped with a 3000-psi double ram BOP system.

NOTE: Presently negotiating contract with El Paso Natural Gas for Eumont Gas.

APPROVAL VALID FOR 180 DAYS
 PERMIT EXPIRES 12/14/82
 UNLESS DRILLING UNDERWAY

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

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

Signed Larry G. Nenny Title Engineer Date April 23, 1982

(This space for signature)
 ORIGINAL SIGNED BY
 JERRY SEXTON

JUN 11 1982

APPROVED BY DISTRICT 1 SUPR. TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-1
Superseded L-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

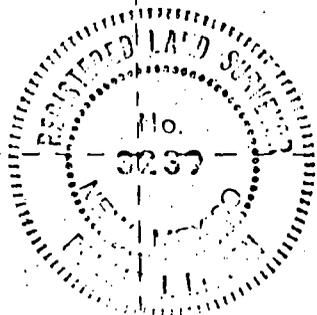
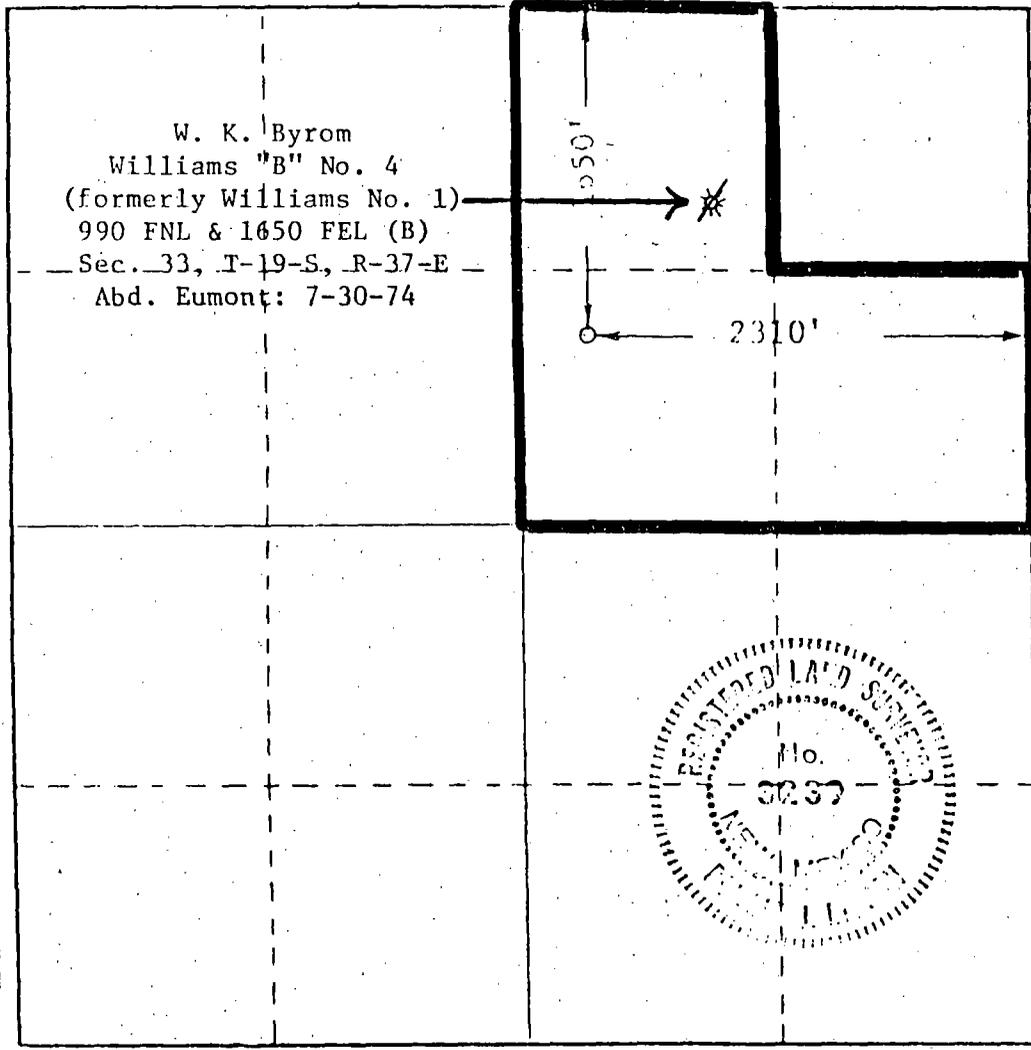
Owner Boyle Hartman		Lease Byrom-Williams		Well No. 1
Init. Letter B	Section 33	Township 19 South	Range 37 East	County Lea
Actual Footage Location of Well: 1650 feet from the North line and 2310 feet from the East line				
Ground Level Elev. 3570.9	Producing Formation Queen-Penrose	Pool Eumont (Gas)	Dedicated Acreage 120	

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

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

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

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



CERTIFICATION

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

Name: Larry A. Murray
 Position: Engineer
 Company: Boyle Hartman
 Date: April 26, 1982

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

Date Surveyed: April 23, 1982
 Registered Professional Engineer and/or Land Surveyor:
Ronald J. Eidson

Certificate No. JOHN V. WEST 676
PATRICK A. ROMERO 6868
Ronald J. Eidson 3239





STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

BRUCE KING
GOVERNOR

LARRY KEHOE
SECRETARY

June 2, 1982

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87500
(505) 827-2434

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

Attention: Larry A. Nermyr

Administrative Order NSP-1310(L)

Gentlemen:

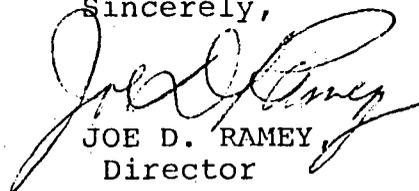
Reference is made to your application for a 120-acre non-standard proration unit consisting of the following acreage in the Eumont Gas Pool:

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.

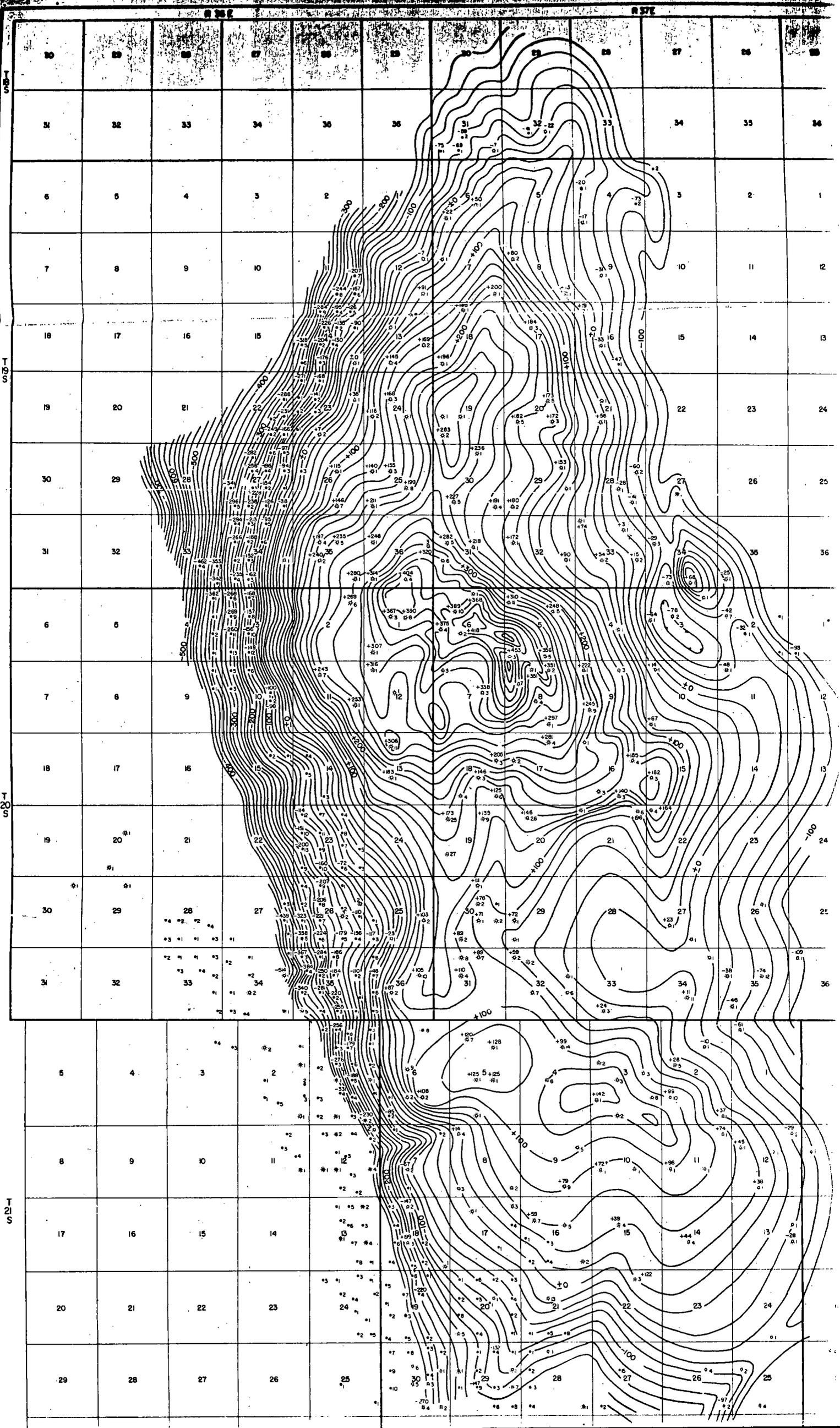
Sincerely,


JOE D. RAMEY
Director

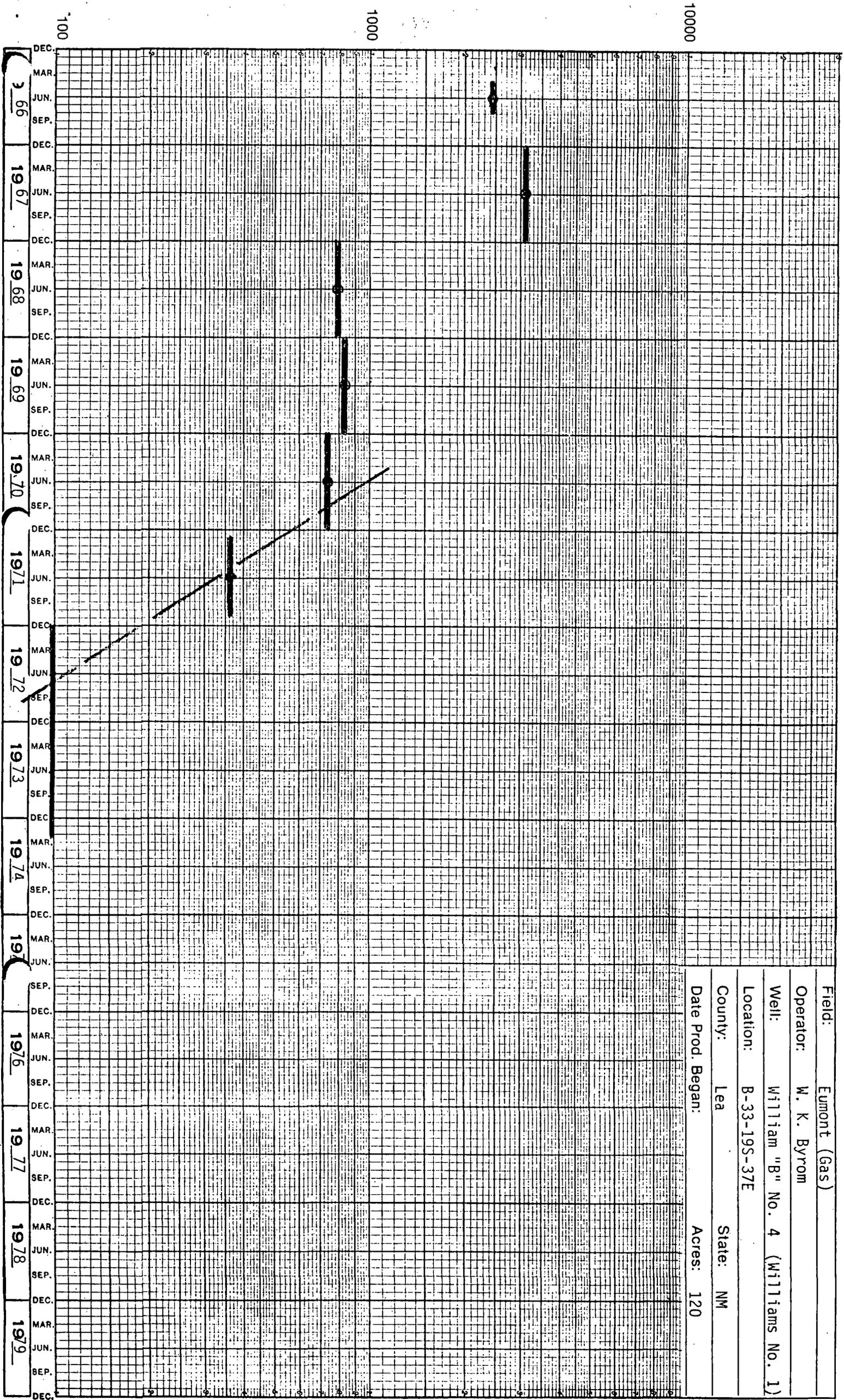
JDR/RLS/dr

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

17 1982



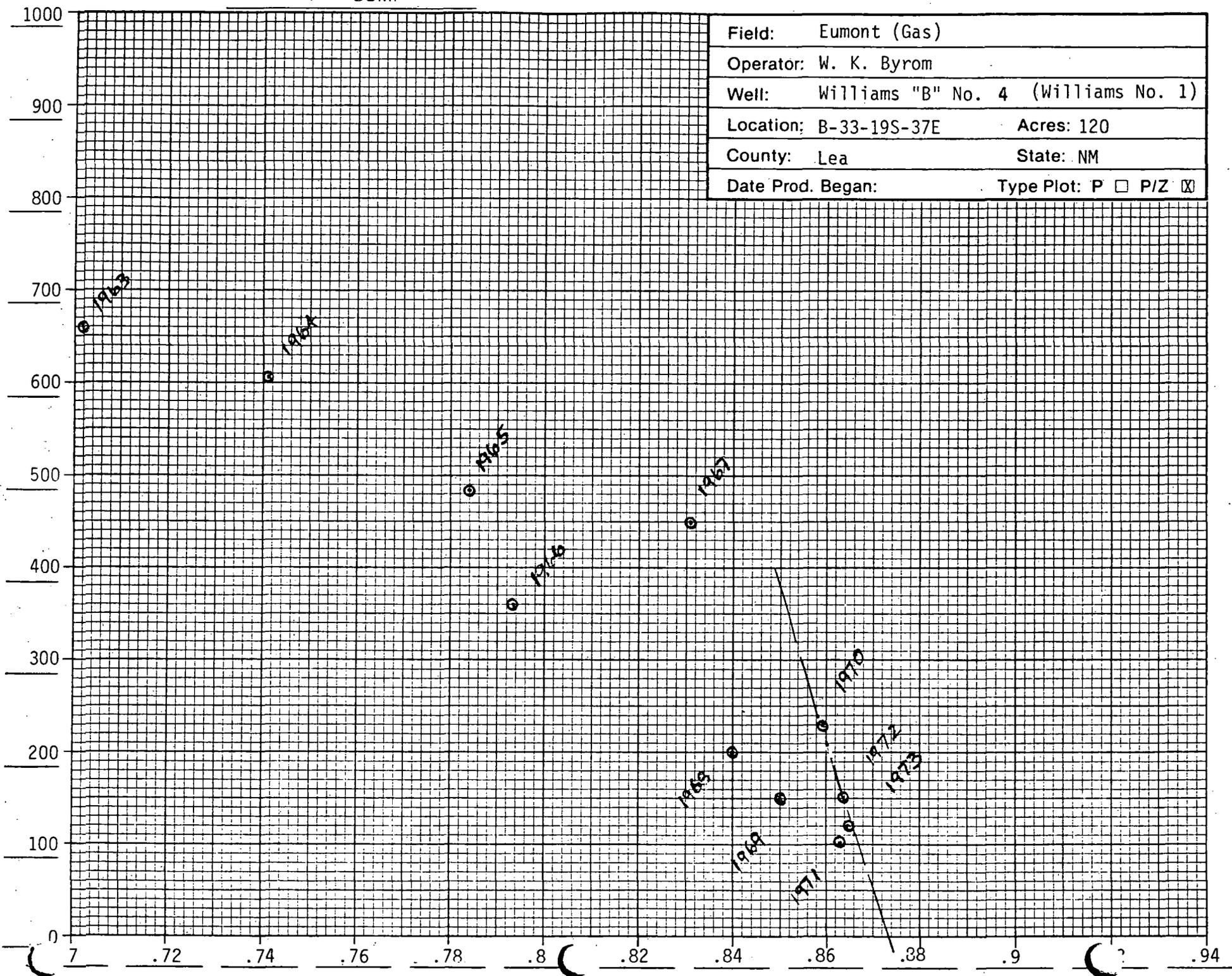
Gas Production - MCF/month



Field: Eumont (Gas)
Operator: W. K. Byrom
Well: William "B" No. 4 (Williams No. 1)
Location: B-33-19S-37E
County: Lea **State:** NM
Date Prod. Began: **Acres:** 120

Pressure or P/Z - (psia)

Field:	Eumont (Gas)		
Operator:	W. K. Byrom		
Well:	Williams "B" No. 4 (Williams No. 1)		
Location:	B-33-19S-37E	Acres:	120
County:	Lea	State:	NM
Date Prod. Began:		Type Plot:	P <input type="checkbox"/> P/Z <input checked="" type="checkbox"/>



Cumulative Gas Production (BOE)

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OPERATOR

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

Form O-105
Revised 10-64

Indicate Type of Lease
State Fee
State Oil & Gas Lease No.
Lease #
Lease Type
Lease Name
Lease No.
Lease Type
Lease Name
Lease No.

1. TYPE OF WELL
OIL WELL GAS WELL DRY OTHER
2. TYPE OF COMPLETION
NEW WELL WORK OVER DEEPEN PLUG BACK REFR. OTHER

3. Name of Operator
Doyle Hartman
4. Location of well
P. O. Box 10426 Midland, Texas 79702

Byrom-Williams
1
Eumont (Gas)

UNIT LETTER **G** LOCATED **1650** FEET FROM THE **North** LINE AND **2310** FEET FROM
THE **East** LINE OF SEC. **33** TWP. **19S** RGE. **37E** NEPM
15. Date Drilled
6-14-82 16. Date P.D. finished
6-22-82 17. Date ready to prod.
6-29-82 18. Elevation (D.F., RKB, RT, GR, etc.)
3570.9 GL 19. Elev. Casedhead
3570.9

20. Total length
3900 21. Total pack T.D.
3896 22. If Multiple Completion, How Many
-- 23. Intervals Isolated by
0-3900 24. Production Intervals, of this completion - Top, bottom, name
3579-3700 w/18 holes (Queen)

25. Was Directional Survey Made
Deviation Survey was made.

26. Type of Cement or Other Log Run
CDN-DSN-GR and Guard-Foxo 27. Was Well Cased
No

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

CASING SIZE	WEIGHT LB. FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9 5/8	36.0	426	12 1/4	225 sx (circ)	None
7	23.0	3900	8 3/4	1100 sx (circ)	None

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 3/8	3741	--

31. Production Interval, Location (Interval, size and number)
18 Holes with one hole each at: 3579; 3584; 3588; 3597; 3600; 3604; 3609; 3617; 3624; 3642; 3646; 3652; 3657; 3668; 3679; 3694; 3697; 3700

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3579-3700	A/5600 15% MCA SWF 72,300 + 174,000

33. PRODUCTION

Date First Production	Production Method (Flowline, gas lift, pumping - size and type pump)	Well Status (Prod. or Shut-in)
6-29-82	Pumping - Flowing (8 1/2 X 64 X 1 1/4)	Shut-In

Date of Test	Hours Tested	Pressure (psi)	Flow Rate (bbl/day)	Gas - MCF	Water - BBL	Oil - BBL	Oil Gravity - API (Corr.)
7-5-82	24 Hours	17/64	192	192	--	--	--

34. Disposition of Gas (Solid, used for fuel, vented, etc.)
Vented Test Witnessed By
Harold Swain

35. List of Attachments

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief
SIGNED Larry A. [Signature] TITLE Engineer DATE July 6, 1982

This form is to be filed with the appropriate District Office of the Commission not later than 10 days after the completion of any newly-drilled or deepened well. It shall be accompanied by a copy of all electrical and radioactivity logs of the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of conventionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anby <u>1321</u>	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt <u>1410</u>	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt <u>2495</u>	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates <u>2642</u>	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers <u>2910</u>	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen <u>3450</u>	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg <u>3732</u>	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Hlinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todillo _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from <u>3565</u> to <u>3732</u>	No. 4, from _____ to _____
No. 2, from _____ to _____	No. 5, from _____ to _____
No. 3, from _____ to _____	No. 6, from _____ to _____

IMPORTANT WATER SANDS

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

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

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
1321	1410	89	Anhydrite				
1410	2495	1085	Salt and Anhydrite				
2495	2642	147	Dolomite and Anhydrite				
2642	2910	268	Dolomite and Sand				
2910	3450	540	Dolomite and Sand				
3450	3565	115	Dolomite and Sand				
3565	3732	167	Dolomite and Sand				
3732	3900	168	Dolomite and Sand				

INCLINATION REPORT

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

LEASE NAME BYROM WILLIAMS WELL NO. #1 FIELD

LOCATION

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

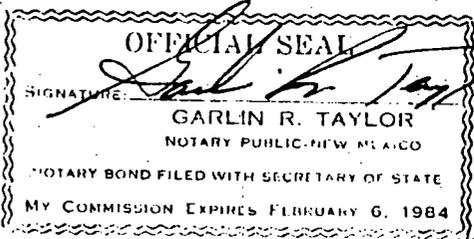
Denise Leake
TITLE OFFICE MANAGER

AFFIDAVIT:

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.

Denise Leake
AFFIANT'S SIGNATURE

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



SEAL

30 1982

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

INCLINATION REPORT

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

LEASE NAME BYROM WILLIAMS WELL NO. #1 FIELD

LOCATION

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CACTUS DRILLING COMPANY

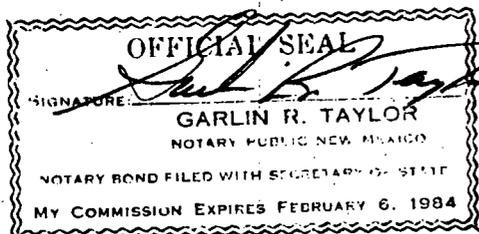
Denise Leake
TITLE OFFICE MANAGER

AFFIDAVIT:

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.

Denise Leake
AFFIANT'S SIGNATURE

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



SEAL

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

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TRANSPORTER	OIL
	GAS
OPERATOR	
PROBATION OFFICE	

NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104
 Supersedes Old C-104 and
 Effective 1-1-65

I. OPERATOR
 Operator: Doyle Hartman
 Address: P. O. Box 10426, Midland, Texas 79702
 Reason(s) for filing (Check proper box):
 New Well Change in Transporter of:
 Recompletion Oil Dry Gas
 Change in Ownership Casinghead Gas Condensate

If change of ownership give name and address of previous owner _____

II. DESCRIPTION OF WELL AND LEASE

Lease Name <u>Byrom-Williams</u>	Well No. <u>1</u>	Pool Name, including Formation <u>Eumont (Queen)</u>	Kind of Lease State, Federal or Fee <u>Fee</u>	Lease No.
Location Unit Letter <u>G</u> ; <u>1650</u> Feet From The <u>North</u> Line and <u>2310</u> Feet From The <u>East</u> Line of Section <u>33</u> Township <u>19S</u> Range <u>37E</u> , NMPM, <u>Lea</u> County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
<u>El Paso Natural Gas</u>	<u>P. O. Box 1384 Jal, New Mexico 88252</u>
If well produces oil or liquids, give location of tanks.	Is gas actually connected? When
	<u>No</u> <u>July 1982</u>

If this production is commingled with that from any other lease or pool, give commingling order number: _____

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well <input type="checkbox"/>	Gas Well <input checked="" type="checkbox"/>	New Well <input checked="" type="checkbox"/>	Workover <input type="checkbox"/>	Deepen <input type="checkbox"/>	Plug Back <input type="checkbox"/>	Same Res'tv. <input type="checkbox"/>	Drill. Res'tv. <input type="checkbox"/>
Date Spudded <u>6-14-82</u>	Date Compl. Ready to Prod. <u>6-29-82</u>	Total Depth <u>3900</u>	P.B.T.D. <u>3896</u>					
Elevations (DT, KKB, RT, GR, etc.) <u>3570.9 GL</u>	Name of Producing Formation <u>Queen</u>	Top Oil/Gas Pay <u>3579</u>	Tubing Depth <u>3741</u>					
Perforations <u>3579-3700 w/18 Shots (Queen)</u>						Depth Casing Shoe <u>3900</u>		
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			
<u>12 1/4</u>	<u>9 5/8" 36.0 lb/ft</u>		<u>426'</u>		<u>225 (circ)</u>			
<u>8 3/4</u>	<u>7" 23.0 lb/ft</u>		<u>3900'</u>		<u>1100 (circ)</u>			

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top oil rate for this depth or be for full 24 hours)

Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil-Bbls.	Water-Bbls.	Gas-MCF

GAS WELL

Actual Prod. Test-MCF/D <u>192</u>	Length of Test <u>24 Hours</u>	Bbls. Condensate/MCF <u>--</u>	Gravity of Condensate <u>--</u>
Testing Method (pilot, back pr.) <u>Orifice Tester</u>	Tubing Pressure (shut-in) <u>--</u>	Casing Pressure (shut-in) <u>FCP = 100 psi</u>	Choke Size <u>17/64</u>

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Larry P. Manning
 (Signature)

Engineer
 (Title)

July 6, 1982
 (Date)

OIL CONSERVATION COMMISSION

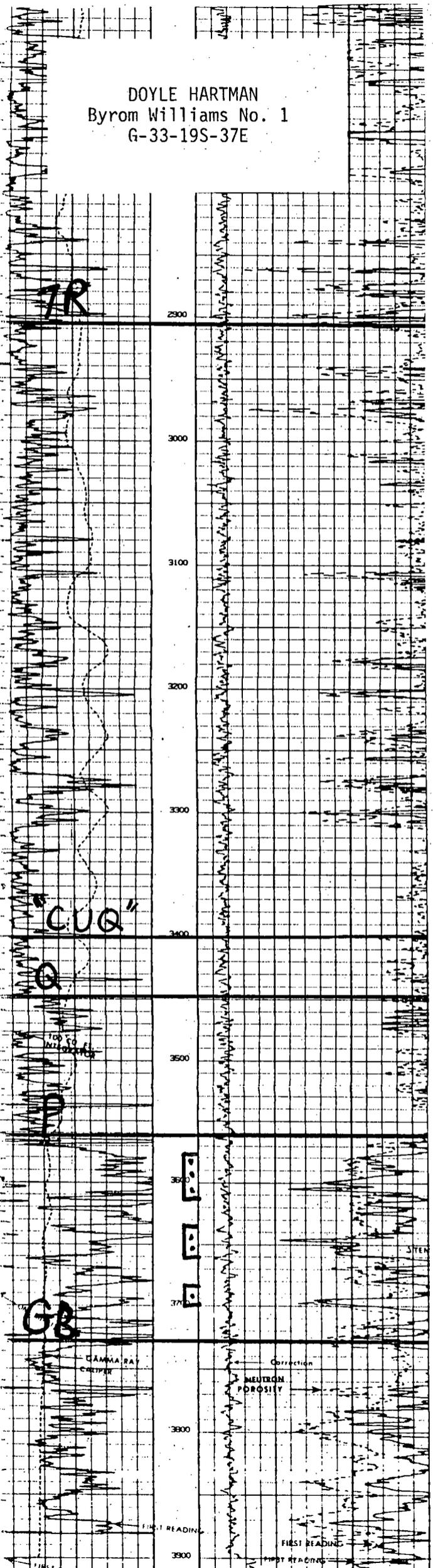
APPROVED _____, 19__

BY _____

TITLE _____

This form is to be filed in compliance with RULE 1104.
 If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviated tests taken on the well in accordance with RULE 111.
 All sections of this form must be filled out completely for all wells on new and recompleted wells.
 Fill out only Sections I, II, III, and VI for changes of own well name or number, or transporter, or other such change of condition.
 Separate forms C-104 must be filed for each pool in multi-completed wells.

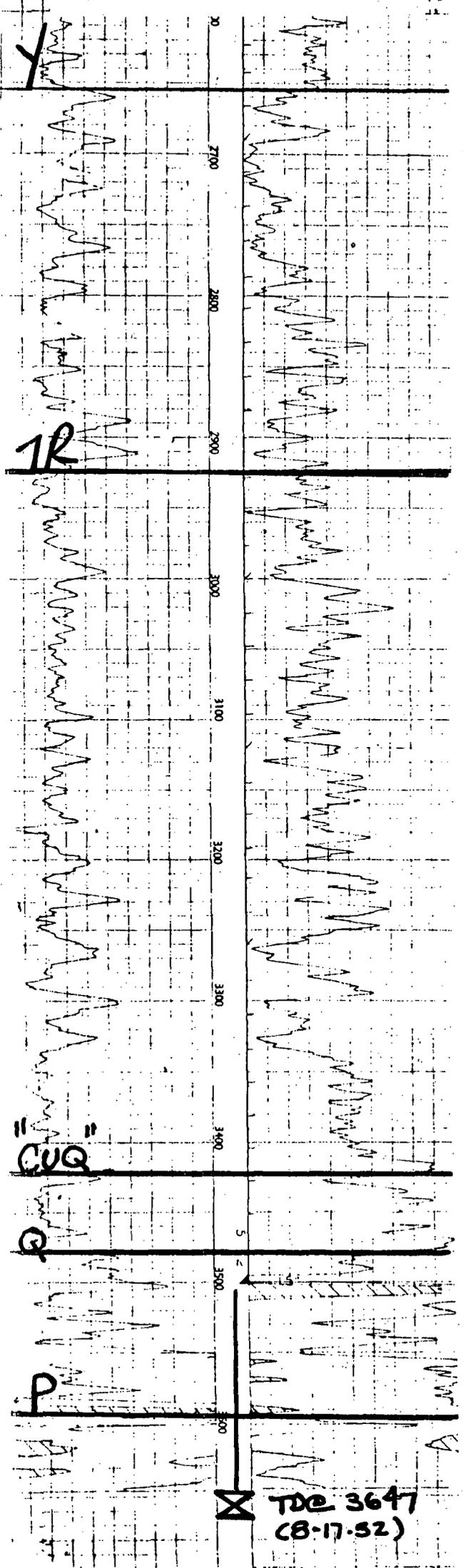
DOYLE HARTMAN
Byrom Williams No. 1
G-33-19S-37E



COMPANY	Doyle Hartman
WELL	Byrom-Williams No. 1
FIELD	Eumont (Gas)
LOCATION	1650 FNL and 2310 FEL (G) Section 33, T-19-S, R-37-E
COUNTY	Lea
STATE	New Mexico
ELEVATIONS:	KB _____ DF _____ GL 3570.9

COMPLETION RECORD			
SPUD DATE	6-14-82	COMP. DATE	6-29-82
TD	3900	PBTD	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		
IP	IPF = 192 MCFPD		
GOR	GR		
TP	CP 100		
CHOKE	17/64 TUBING 2 3/8 @ 3741		
DST RECORD	(8-1/2 x 64 x 1-1/4)		
REMARKS			

W. K. BYROM
 J. H. Williams "B" No. 4
 B-33-19S-37E



COMPANY	W. K. Byrom (Aztec)
WELL	J. H. Williams "B" No. 4 (J. H. Williams No. 1)
FIELD	Eunice-Monument
LOCATION	990 FNL & 1650 FEL (B) Section 33 T-19-S, R-37-E
COUNTY	Lea
STATE	New Mexico
ELEVATIONS:	KB 3584 DF GL 3578

COMPLETION RECORD			
SPUD DATE	7-28-52	COMP. DATE	8-17-52
TD	3647	PBTD	3647
CASING RECORD	13-3/8 @ 215 w/150 5-1/2 @ 3498 w/1200		
PERFORATING RECORD	OH: 3498-3647 (T/P @ 3611)		
STIMULATION			
IP	IPF= 1280 MCFPD		
GOR	GR		
TP	1032	CP	
CHOKE	TUBING 2-3/8 @ 3642		
DST RECORD	1-8-68 : SOF/47,000 + 20,000.		
	2-74 : Last Eumont prod.		
	7-30-74: Well disconnected from EPNGC.		
	6-18-80: Well deepened and		
REMARKS	recompleted as Eunice-Monument producer 3692-3796 w/10.		

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

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

Form C-105
Revised 1-1-65

3a. Indicate Type of Lease
State Fee

5. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Farm or Lease Name
J.H. Williams B

9. Well No.
4

10. Field and Pool, or Wildcat
Funice Monument GSA

12. County
Lea

Recompletion of well to Funice Monument
7-24-80

1. TYPE OF WELL
OIL WELL GAS WELL DRY OTHER

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

3. Name of Operator
W. K. Byrom

4. Address of Operator
Box 147 - Hobbs, N. M. 88240

6. NE CORNER LETTER B LOCATED 990 FEET FROM THE North LINE AND 1650 FEET FROM East LINE OF SEC. 33 TWP. 19S RGE. 37E NMPM

14. Date Spudded 5-11-80 15. Date T.D. Reached 6-18-80 17. Date Compl. (Ready to Prod.) 7-19-80 18. Elevations (DF, RKB, RT, GR, etc.) 3578GR 19. Elev. Casinghead

20. Total Depth 3880 21. Plug Back T.D. 3800 22. If Multiple Compl., How Many

23. Intervals Drilled By
Rotary Tools 3640-3880 Cable Tools

24. Producing Interval(s), of this completion - Top, Bottom, Name
3692 to 3796 Grayburg

25. Was Directional Survey Made no

26. Type Electric and Other Logs Run
Gr. Neutron

27. Was Well Cored no

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

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8	24	215	12-1/4	150	none
5-1/2	17	3498	7-7/8	1200	none

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN
4-1/2	3375	3880	75	

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-3/8	3792	none

31. Perforation Record (Interval, size and number)
3692, 3707, 26, 38, 52, 56, 70, 82, 88 & 3796

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
<u>3692-3796</u>	<u>3500gal 15% NEacid</u>
<u>3692-3796</u>	<u>20,000gal 2%KCLWater&20,000#sa</u>

10 holes 35"

33. PRODUCTION

Date First Production 7-19-80 Production Method (Flowing, gas lift, pumping - Size and type pump) pumping 1 1/2 x 12' x 2" T.H.D. Well Status (Prod. or Shut-in) producing

Date of Test <u>7-22-80</u>	Hours Tested <u>24</u>	Choke Size <u>2"</u>	Prod'n. For Test Period <u>25</u>	Oil - Bbl. <u>30,000</u>	Gas - MCF <u>30</u>	Water - Bbl. <u>12</u>	Gas - Oil Ratio <u>36</u>
Flow Tubing Press. <u>50</u>	Casing Pressure <u>50</u>	Calculated 24-Hour Rate <u>25</u>	Oil - Bbl. <u>30,000</u>	Gas - MCF <u>30</u>	Water - Bbl. <u>36</u>	Oil Gravity - API (Corr.) <u>36</u>	

34. Disposition of Gas (Sold, used for fuel, vented, etc.) sold Test Witnessed By C.W. Byrom

35. List of Attachments

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

SIGNED: W. K. Byrom TITLE Geologist DATE 7-24-80

NO. OF COPIES RECEIVED	
DISTRICT OFFICE	
NPA FE	
LE	
S.G.S.	
FIELD OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease
State Fee
5. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS
DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.
(SEE APPLICATION FOR PERMIT - 11 (FORM C-101) FOR SUCH PROPOSALS.)

OIL WELL GAS WELL OTHER
Name of Operator: W. K. Byrom
Address of Operator: Box 147 - Hobbs, N. M. 88240
Location of Well: UNIT LETTER B 990 FEET FROM THE North LINE AND 1650 FEET FROM THE East LINE, SECTION 33 TOWNSHIP 19S RANGE 37E N.M.P.M.

7. Unit Agreement Title
8. Form or Lease Name: Williams
9. Well No.: # 1
10. Field and Pool, or Wildcat: Eumont
12. County: Lea

15. Elevation (Show whether DF, RT, GR, etc.): 3578' Gr.

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

FORM REMEDIAL WORK <input checked="" type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
DRILL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <input type="checkbox"/>	

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

5-2-80:
I intend to deepen this well to 3795 with a pulling unit. We will run a 4" liner to TD and tie back to the 5 1/2" csg. The well will be perforated in the Grayburg Zone from 3790 to 3675, acid treated.

The work will start when a unit becomes available in about 10 days.

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

by W. K. Byrom TITLE Geologist DATE 5-2-80

APPROVED BY Jerry Sexton TITLE District Supv. DATE MAY 9 1980

El Paso Natural Gas Company

El Paso, Texas 79978

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

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

Travis R. Elliott
Travis R. Elliott
Gas Production Status Analyst

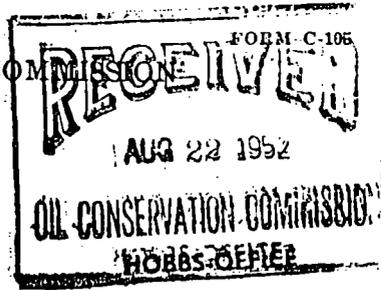
TRE:bl

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

TRIPPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico



WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPPLICATE.

AREA 640 ACRES
LOCATE WELL CORRECTLY

Southern Union Gas Company Company or Operator Lease
Williams Well No. 1 in NW NE of Sec. 33, T. 19S
 R. 37E, N. M. P. M., Monument Field, Lea County.
 Well is 990 feet south of the North line and 1650 feet west of the East line of Sec 33-19S-37E
 If State land the oil and gas lease is No. - Assignment No. -
 If patented land the owner is Williams Estate Address -
 If Government land the permittee is - Address -
 The Lessee is Southern Union Gas Co. Address Dallas, Texas
 Drilling commenced 7-14-52 1952 Drilling was completed 8-9-52 1952
 Name of drilling contractor Makin Drilling Co. Address Hobbs, N.M.
Western Drilling Co. Address Lubbock, Tex.
 Elevation above sea level at top of casing RDB 3584 feet. Elev. top 5 1/2" casg. 3578
 The information given is to be kept confidential until - 19-

OIL SANDS OR ZONES

No. 1, from Gas 3611- to 3647 No. 4, from - to -
 No. 2, from - to - No. 5, from - to -
 No. 3, from - to - No. 6, from - to -

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.
 No. 1, from - to - feet.
 No. 2, from - to - feet.
 No. 3, from - to - feet.
 No. 4, from - to - feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED FROM TO	PURPOSE
5 1/2	17#	8	New	3527	Float			Production
8-5/8	28.55#	8	New	207	Guide		Surface	Production
2" LUE	4.70	8	New	3648	Tubing			Tubing

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12 1/2	8-5/8	215	150	Halliburton		Circulated to surface
7-7/8	5 1/2	3498	1200	"		" " "

PLUGS AND ADAPTERS

Heaving plug—Material - Length - Depth Set -
 Adapters—Material - Size -

RECORD OF SHOOTING OR CHEMICAL TREATMENT

Heaving plug—Material _____ Length _____ Depth Set _____

Adapters—Material _____ Size _____

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
None						

Results of shooting or chemical treatment _____

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

TOOLS USED

Rotary tools were used from 0 feet to 3510 feet, and from _____ feet to _____ feet.

Cable tools were used from 3510 feet to 3647 feet, and from _____ feet to _____ feet.

PRODUCTION

Put to producing _____, 1952 **Shut-in awaiting pipeline connection**

The production of the first 24 hours was _____ barrels of fluid of which _____ % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, Be. _____

If gas well, cu. ft. per 24 hours 1280 MCF/D AOF Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 1032 psi Well head shut-in 72 hrs.

EMPLOYEES

Contractor _____ Driller _____ Driller _____
 _____ Driller _____ Driller _____

FORMATION RECORD ON OTHER SIDE

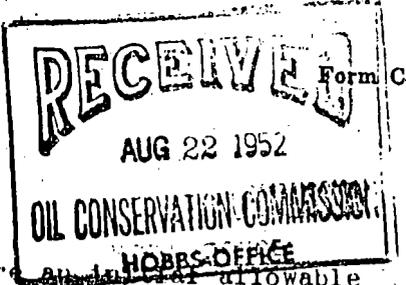
I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Hobbs, N.M. 8-19-52
 Name Robert R. White
 Position Engineer
 Representing Southern Union Gas Co.
 Address PO Box 864 Hobbs, N.M.

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
DRILLER'S LOG			
0	225	225	Red beds and surface sands
225	747	522	Red beds
747	1330	583	Red beds and anhydrite
1330	1450	120	Anhydrite
1450	2640	1190	Salt
2640	3510	870	Lime and anhydrite
3510	3526	16	Brown lime
3526	3611	85	Gray lime
3611	3647	36	Lime and sand
GEOLOGICAL TOPS			
Top Anhydrite	-	1330	
Base Salt	-	2535	
Top Yates	#	2691	
Top Queen	-	3526	
Top Penrose	-	3611	

OIL CONSERVATION COMMISSION
Santa Fe, New Mexico



REQUEST FOR (OIL)-(GAS) ALLOWABLE

It is necessary that this form be submitted by the operator before an 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.

Hobbs, N.M. Place

August 19, 1952 Date

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:

Southern Union Gas Co.
Company or Operator

Williams
Lease

Well No. 1 in NW 1/4 NE 1/4

section 33, T. 19S, R. 37E, N.M.P.M. Monument Pool Las County

Please indicate location:

Elevation 3584 RDB Spudded 7-14-52 Completed 3-17-52

Total Depth 3647 P.B. -

Top ~~xxx~~ Gas Pay 3611 Top Water lay

Initial Production Test: Pump - Flow 1280 MCF/D (HOPE OR CU. FT. GAS PER DAY)

Based on - Bbls. Oil in - Hrs. - Mins.

Method of Test (Pitot, gauge, prover, meter run): Prover

Size of choke in inches * Absolute open flow

Tubing (Size) 2" EUE @ 3642 feet

Pressures: Tubing Shut-in 1032 Casing -

Gas/Oil Ratio - Gravity -

Casing Perforations:

Open heel

Unit letter: B

Casing & Cementing Record

Size	Feet	Sax
<u>8-5/8</u>	<u>215</u>	<u>150</u>
<u>5 1/2</u>	<u>2498</u>	<u>1200</u>

Acid Record:

None Gals _____ to _____ S/ _____
Gals _____ to _____ S/ _____
Gals _____ to _____ S/ _____

Shooting Record.

None Qts _____ to _____ S/ _____
Qts _____ to _____ S/ _____
Qts _____ to _____ S/ _____

Natural Production Test: _____ Pumping _____ Flowing _____

Test after acid or shot: _____ Pumping _____ Flowing _____

Please indicate below formation Tops (in conformance with geographical section of state):

Southeastern New Mexico

Northwestern New Mexico

- T. Anhy 1330
- T. Salt _____
- B. Salt 2534
- T. Yates 2691
- T. 7 Rivers _____
- T. Queen 3526
- T. Grayburg _____
- T. San Andres _____
- T. Glorieta _____
- T. Drinkard _____
- T. Tubbs _____
- T. Abo _____
- T. Penn _____
- T. Miss _____

- T. Devonian _____
- T. Silurian _____
- T. Montoya _____
- T. Simpson _____
- T. McKee _____
- T. Ellenburger _____
- T. Gr. Wash _____
- T. Granite _____
- T. _____

- T. Ojo Alamo _____
- T. Kirtland-Fruitland _____
- T. Farmington _____
- T. Pictured Cliffs _____
- T. Cliff House _____
- T. Menefee _____
- T. Point Lookout _____
- T. Mancos _____
- T. Dakota _____
- T. Morrison _____
- T. Penn _____
- T. _____
- T. _____
- T. _____

DOYLE HARTMAN

Oil 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/lr

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

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

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

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

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

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

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

PS Form 3811, Dec. 1980

● **SENDER:** Complete items 1, 2, 3, and 4.
Add your address in the "RETURN TO" space on reverse.

(CONSULT POSTMASTER FOR FEES)

1. The following service is requested (check one).
- Show to whom and date delivered 60¢
 - Show to whom, date, and address of delivery.. —¢
2. **RESTRICTED DELIVERY** —¢
(The restricted delivery fee is charged in addition to the return receipt fee.)

TOTAL \$ _____

3. **ARTICLE ADDRESSED TO:**
W. K. Byrom
103 West Lea
Hobbs, New Mexico 88240

4. **TYPE OF SERVICE:** **ARTICLE NUMBER**

- REGISTERED INSURED
- CERTIFIED COD
- EXPRESS MAIL

(Always obtain signature of addressee or agent)

I have received the article described above.

SIGNATURE Addressee Authorized agent

5. **DATE OF DELIVERY** **POSTMARK**

6. **ADDRESSEE'S ADDRESS** *(Only if requested)*

7. **UNABLE TO DELIVER BECAUSE:** **7a. EMPLOYEE'S INITIALS**

RETURN RECEIPT, REGISTERED, INSURED AND CERTIFIED MAIL

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

P 265 337 773

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL
(See Reverse)

SENT TO
W. K. Byrom
STREET AND NO
103 West Lea
P.O. STATE AND ZIP CODE
Hobbs, New Mexico

POSTAGE \$.20

CERTIFIED FEE .75

SPECIAL DELIVERY FEE .60

1.55

7-23-82

CERTIFIED MAIL

P 265 337 773

MAIL

DC MIE

PS Form 3811, Dec. 1980

RETURN RECEIPT, REGISTERED, INSURED AND CERTIFIED MAIL

● **SENDER:** Complete items 1, 2, 3, and 4.
Add your address in the "RETURN TO" space on reverse.

(CONSULT POSTMASTER FOR FEES)

1. The following service is requested (check one).
- Show to whom and date delivered 60¢
 - Show to whom, date, and address of delivery.. —¢
2. **RESTRICTED DELIVERY**
(The restricted delivery fee is charged in addition to the return receipt fee.) —¢
- TOTAL \$** _____

3. **ARTICLE ADDRESSED TO:**
Amerada Hess Corporation
P. O. Drawer D
Monument, New Mexico 88265

4. TYPE OF SERVICE:	ARTICLE NUMBER
<input type="checkbox"/> REGISTERED <input type="checkbox"/> INSURED	P265337775
<input type="checkbox"/> CERTIFIED <input type="checkbox"/> COD	
<input type="checkbox"/> EXPRESS MAIL	

(Always obtain signature of addressee or agent)
I have received the article described above.
SIGNATURE Addressee Authorized agent

5. DATE OF DELIVERY	POSTMARK
6. ADDRESSEE'S ADDRESS (Only if requested)	

7. UNABLE TO DELIVER BECAUSE:	7a. EMPLOYEE'S INITIALS
--------------------------------------	--------------------------------

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

P 265 337 775

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL
(See Reverse)

SENT TO	Amerada Hess Corp.	
STREET ADDRESS	P. O. Drawer D	
CITY, STATE AND ZIP CODE	Monument, New Mexico	
POSTAGE	\$.20	
CERTIFIED-FEE	.75	
SPECIAL DELIVERY		
POSTAGE AND FEES		.60

TOTAL POSTAGE AND FEES	1.55
POSTMARK (DATE)	7-23-82

SEALED MAIL

P 265 337 775

D MI

PS Form 3811, Dec. 1980

RETURN RECEIPT, REGISTERED, INSURED AND CERTIFIED MAIL

● **SENDER:** Complete items 1, 2, 3, and 4.
Add your address in the "RETURN TO" space on reverse.

(CONSULT POSTMASTER FOR FEES)

1. The following service is requested (check one).
- Show to whom and date delivered **.60**
 - Show to whom, date, and address of delivery.. **—**
2. **RESTRICTED DELIVERY** **—**
- (The restricted delivery fee is charged in addition to the return receipt fee.)*

TOTAL \$

3. **ARTICLE ADDRESSED TO:**
Marathon Oil Company
P. O. Box 552
Midland, Texas 79702

4. TYPE OF SERVICE: <input type="checkbox"/> REGISTERED <input type="checkbox"/> INSURED <input checked="" type="checkbox"/> CERTIFIED <input type="checkbox"/> COD <input type="checkbox"/> EXPRESS MAIL	ARTICLE NUMBER P265337777
--	---

(Always obtain signature of addressee or agent)

I have received the article described above.
SIGNATURE Addressee Authorized agent

5. DATE OF DELIVERY	POSTMARK
----------------------------	-----------------

6. **ADDRESSEE'S ADDRESS** *(Only if requested)*

7. UNABLE TO DELIVER BECAUSE:	7a. EMPLOYEE'S INITIALS
--------------------------------------	--------------------------------

Marathon Oil Company
P. O. Box 552
Midland, Texas 79702

P 265 337 777

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL
(See Reverse)

SENT TO
Marathon Oil Company
STREET AND NO.
P. O. Box 552
P.O. STATE AND ZIP CODE
Midland, Texas 79702

POSTAGE	\$.20
CERTIFIED FEE	.75
SPECIAL DELIVERY POSTAGE AND FEE	.60
TOTAL POSTAGE AND FEES	1.55

DOY
F
MIDL

7-23-82

CERTIFIED MAIL
P 265 337 777

P 265 337 779
 RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
 NOT FOR INTERNATIONAL MAIL
 (See Reverse)

SENT TO	
Gulf Oil Exploration	
P. O. Box 1150	
Midland, Texas 79702	
POSTAGE	.20
CERTIFICATION FEE	.75
SPECIAL DELIVERY	
ADD. POSTAGE & FEE	.60
TOTAL POSTAGE & FEE	1.55

7-23-82

CERTIFIED
 P 265 337 779
 MAIL

PS Form 3811, Jan. 1979 RETURN RECEIPT, REGISTERED, INSURED AND CERTIFIED MAIL

SENDER: Complete items 1, 2, and 3. Add your address in the "RETURN TO" space on reverse.

1. The following service is requested (check one):
 Show to whom and date delivered..... 60¢
 Show to whom, date and address of delivery.....
 RESTRICTED DELIVERY
 Show to whom and date delivered.....
 RESTRICTED DELIVERY
 Show to whom, date, and address of delivery, \$____

(CONSULT POSTMASTER FOR FEES)

2. ARTICLE ADDRESSED TO:
 Gulf Oil Exploration & Prod. Co.
 P. O. Box 1150
 Midland, Texas 79702

3. ARTICLE DESCRIPTION: REGISTERED NO. CERTIFIED NO. INSURED NO.
 P2653377779

(Always obtain signature of addressee or agent)

I have received the article described above.
 SIGNATURE Addressee Authorized agent

4. DATE OF DELIVERY POSTMARK

5. ADDRESS (Complete only if requested)

6. UNABLE TO DELIVER BECAUSE: CLERK'S INITIALS

☆ GPO : 1979-208-94W

Gulf Oil Exploration & Production Company
 P. O. Box 1150
 Midland, Texas 79702

Attention: Steve Fly, Land Department

DO
 MID

PS Form 3811, Dec. 1980

RETURN RECEIPT, REGISTERED, INSURED AND CERTIFIED MAIL

● **SENDER:** Complete items 1, 2, 3, and 4.
Add your address in the "RETURN TO" space on reverse.

(CONSULT POSTMASTER FOR FEES)

1. The following service is requested (check one).
 Show to whom and date delivered 60¢
 Show to whom, date, and address of delivery.. —¢

2. **RESTRICTED DELIVERY** —¢
(The restricted delivery fee is charged in addition to the return receipt fee.)

TOTAL \$ _____

3. **ARTICLE ADDRESSED TO:**
 Arco Oil and Gas Company
 P. O. Box 1610
 Midland, Texas 79702

4. **TYPE OF SERVICE:** **ARTICLE NUMBER**
 REGISTERED INSURED
 CERTIFIED COD
 EXPRESS MAIL
 P265337774

(Always obtain signature of addressee or agent)

I have received the article described above.
SIGNATURE Addressee Authorized agent

5. **DATE OF DELIVERY** **POSTMARK**

6. **ADDRESSEE'S ADDRESS** *(Only if requested)*

7. **UNABLE TO DELIVER BECAUSE:** **7a. EMPLOYEE'S INITIALS**

Arco Oil and Gas Company
 P. O. Box 1610
 Midland, Texas 79702

Attention: Huan Pham, Area Engineer

P 265 337 774

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
 NOT FOR INTERNATIONAL MAIL

(See Reverse)

SENT TO
 Arco Oil and Gas Co.
 STREET AND NO.
 P. O. Box 1610
 P.O. STATE AND ZIP CODE
 Midland, Texas 79702

POSTAGE

.20

CERTIFIED FEE

.75

SPECIAL DELIVERY
 POSTAL SERVICE

.60

1.55

POSTMASTER'S OFFICE

7-23-82

CERTIFIED

P 265 337 774

MAIL

DOY

MIDL

P 265 337 776

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL
(See Reverse)

SENT TO:
Great Western Drilling
STREET AND NO.
P. O. Box 1659
P.O. STATE AND ZIP CODE
Midland, Texas 79702

POSTAGE \$.20

CERTIFIED FEE .75

PS Form 3811, Dec. 1980

7-23-82

1.55

7-23-82

7-23-82

7-23-82

7-23-82

7-23-82

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7-23-82

7-23-82

7-23-82

PS Form 3811, Dec. 1980

● SENDER: Complete items 1, 2, 3, and 4. Add your address in the "RETURN TO" space on reverse.

(CONSULT POSTMASTER FOR FEES)

1. The following service is requested (check one).
 Show to whom and date delivered 60¢
 Show to whom, date, and address of delivery .. —¢
 2. RESTRICTED DELIVERY
 (The restricted delivery fee is charged in addition to the return receipt fee.)

3. ARTICLE ADDRESSED TO:
Great Western Drilling Company
P. O. Box 1659
Midland, Texas 79702

4. TYPE OF SERVICE: REGISTERED INSURED
 CERTIFIED COD
 EXPRESS MAIL

ARTICLE NUMBER P265337776

(Always obtain signature of addressee or agent)
 I have received the article described above.
 SIGNATURE Addressee Authorized agent

5. DATE OF DELIVERY POSTMARK

6. ADDRESSEE'S ADDRESS (Only if required)

7. UNABLE TO DELIVER BECAUSE 7L EMPLOYEE'S INITIALS

RETURN RECEIPT, REGISTERED, INSURED AND CERTIFIED MAIL

DO:
MIDL

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

CERTIFIED
P 265 337 776

PS Form 3811, Dec. 1980

RETURN RECEIPT, REGISTERED, INSURED AND CERTIFIED MAIL

● **SENDER:** Complete items 1, 2, 3, and 4.
Add your address in the "RETURN TO" space on reverse.

(CONSULT POSTMASTER FOR FEES)

1. The following service is requested (check one).

- Show to whom and date delivered 60¢
- Show to whom, date, and address of delivery.. —¢

2. **RESTRICTED DELIVERY** —¢
(The restricted delivery fee is charged in addition to the return receipt fee.)

TOTAL \$

3. ARTICLE ADDRESSED TO:

Southland Royalty Company
1100 Wall Towers West
Midland, Texas 79701

4. TYPE OF SERVICE:

- REGISTERED INSURED
- CERTIFIED COD
- EXPRESS MAIL

ARTICLE NUMBER

P265337778

(Always obtain signature of addressee or agent)

I have received the article described above.

SIGNATURE Addressee Authorized agent

5. DATE OF DELIVERY

POSTMARK

6. ADDRESSEE'S ADDRESS *(Only if requested)*

7. UNABLE TO DELIVER BECAUSE:

7a. EMPLOYEE'S INITIALS

Southland Royalty Company
1100 Wall Towers West
Midland, Texas 79701

Attention: Kenneth W. Harbin
District Production Manager

P 265 337 778

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL
(See Reverse)

SENT TO:
Southland Royalty Company
STREET ADDRESS
1100 Wall Towers West
PO STATE AND ZIP CODE
Midland, Texas 79701

POSTAGE

.20

.75

.60

1.55

7-23-82

P 265 337 778

DC

MIC

