

Sec : 13 Twp : 17S Rng : 38E Section Type : NORMAL

D 40.00 Fee owned	C 40.00 Fee owned	B 40.00 Fee owned	A 40.00 Federal owned
Fee owned	A Fee owned	A Fee owned	A Federal owned
E 40.00 Fee owned	F 40.00 Fee owned	G 40.00 Fee owned	H 40.00 Federal owned
Fee owned	A Fee owned	A Fee owned	Federal owned
L 40.00 Fee owned	K 40.00 Fee owned	J 40.00 Fee owned	I 40.00 Federal owned
Fee owned	A Fee owned	A Fee owned	A Federal owned
M 40.00 Fee owned	N 40.00 Fee owned	O 40.00 Fee owned	P 40.00 Federal owned
Fee owned	Fee owned	Fee owned	Federal owned
		A	A

*Triumph Exploration
Druid Fed. #1
30-025-07304
66074152
11/11/2002*

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

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

CASE NO. 750
Order No. R-512

THE APPLICATION OF THE COMMISSION UPON
ITS OWN MOTION FOR AN ORDER CALLING FOR
THE CREATION OF NEW POOLS AND EXTENSION
OF EXISTING POOLS IN LEA COUNTY, NEW
MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a. m., on July 15, 1954, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission".

NOW, on this 21st., day of July, 1954, the Commission, a quorum being present, having considered the testimony presented and exhibits received at said hearing

FINDS:

- (1) That due public notice having been given as required by law, the Commission has jurisdiction of this case and the subject matter thereof.
- (2) That a new pool should be created in Lea County, New Mexico, to be designated the South Knowles-Devonian Oil Pool.
- (3) That extensions should be approved as advertised for the following oil pools: North Echol-Devonian, Townsend Wolfcamp, Dollarhide-Queen.

IT IS THEREFORE ORDERED:

That the application of the Oil Conservation Commission be, and the same hereby is approved, as follows:

- (a) That a new pool should be created in Lea County, New Mexico, classified as an oil pool for Devonian production, designated as the South Knowles-Devonian Oil Pool, and described as:

TOWNSHIP 17 SOUTH, RANGE 38 EAST, NMPM
All of Sections 12 and 13

TOWNSHIP 17 SOUTH, RANGE 39 EAST, NMPM
All of Sections 7 and 18

(b) That the North Echol-Devonian Pool boundary as heretofore classified, defined and described, should be extended to include therein:

TOWNSHIP 10 SOUTH, RANGE 37 EAST, NMPM
SW/4 Section 22, NW/4 Section 27, NE/4 Section 28

(c) That the Townsend-Wolfcamp Pool boundary as heretofore classified, defined and described, should be extended to include therein:

TOWNSHIP 16 SOUTH, RANGE 35 EAST, NMPM
All of Section 5

(e) That the Dollarhide-Queen Pool boundary as heretofore classified, defined and described should be extended to include therein:

TOWNSHIP 24 SOUTH, RANGE 38 EAST, NMPM
N/2 of Section 29

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

EDWIN L. MECHEM, Chairman

E. S. WALKER, Member

W. B. MACEY, Member and Secretary

S E A L

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

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

CASE NO. 819
Order No. R-638

THE MATTER OF THE APPLICATION OF
JAKE L. HAMON AND WARREN PETROLEUM
CORPORATION FOR AN ORDER ESTABLISHING
80-ACRE WELL SPACING AND AN ALLOCA-
TION FACTOR, DETERMINED AS THE PRODUCT
OF A STANDARD 40-ACRE ALLOWABLE AND THE
APPROPRIATE DEPTH FACTOR FOR THE COMMON
SOURCE OF SUPPLY DESIGNATED AS THE SOUTH
KNOWLES-DEVONIAN POOL OF LEA COUNTY,
NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a. m. on February 16, 1955, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission".

NOW, on this 27th. day of May, 1955, the Commission, a quorum being present, having considered the testimony adduced and the exhibits received at said hearing and being fully advised in the premises,

FINDS:

- (1) That due notice of the time and place of hearing having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.
- (2) That operations to date in the South Knowles-Devonian Pool have been conducted on the basis of 40-acre drilling and proration units.
- (3) That development in the South Knowles-Devonian Pool has progressed to a point where it is not practical to initiate a change in drilling and proration practices in said pool.
- (4) That the establishment of 80-acre drilling and proration units in the South Knowles-Devonian Pool at this late date would not be in the best interests of conservation and would not protect correlative rights.

IT IS THEREFORE ORDERED:

That the application of Jake L. Hamon and Warren Petroleum Corporation for approval of 80-acre well spacing and an allocation factor determined as the product of a standard 40-acre allowable and the appropriate depth factor for the common source of supply designated as the South Knowles-Devonian Pool of Lea County, New Mexico, be, and the same hereby is denied.

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

JOHN F. SIMMS, Chairman

E. S. WALKER, Member

W. B. MACEY, Member and Secretary

S E A L

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BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

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

CASE NO. 819
Order No. R-638-A

THE MATTER OF THE APPLICATION
OF JAKE L. HAMON AND WARREN
PETROLEUM CORPORATION FOR AN
ORDER ESTABLISHING 80-ACRE WELL
SPACING AND AN ALLOCATION FACTOR,
DETERMINED AS THE PRODUCT OF A
STANDARD 40-ACRE ALLOWABLE AND THE
APPROPRIATE DEPTH FACTOR FOR THE
COMMON SOURCE OF SUPPLY DESIGNATED
AS THE SOUTH KNOWLES-DEVONIAN POOL
OF LEA COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION FOR REHEARING

BY THE COMMISSION:

This matter came on for consideration upon petition of Jake L. Hamon and Warren Petroleum Corporation, through their attorney, Clarence E. Hinkle, for rehearing on Order No. R-638, heretofore entered by the Commission.

NOW, on this 22nd day of June, 1955, the Commission, a quorum being present, having fully considered said application for rehearing;

IT IS HEREBY ORDERED:

That the above-entitled matter be reopened and a rehearing in said cause be held July 14, 1955 at 9 o'clock a. m. on said day at Mabry Hall, Santa Fe, New Mexico.

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

JOHN F. SIMMS, Chairman

E. S. WALKER, Member

W. B. MACEY, Member and Secretary

S E A L

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

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

CASE NO. 819
Order No. R-638-B

IN THE MATTER OF THE APPLICATION
OF JAKE L. HAMON AND WARREN
PETROLEUM CORPORATION FOR AN
ORDER ESTABLISHING 80 ACRE WELL
SPACING AND AN ALLOCATION FACTOR
DETERMINED AS THE PRODUCT OF A
STANDARD 40 ACRE ALLOWABLE AND
THE APPROPRIATE DEPTH FACTOR FOR
THE COMMON SOURCE OF SUPPLY,
DESIGNATED AS THE SOUTH KNOWLES-
DEVONIAN POOL IN LEA COUNTY, NEW
MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for rehearing at 9 o'clock a. m. on July 14, 1955, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission".

NOW, on this 15th. day of September 1955, the Commission, a quorum being present, having considered the testimony adduced and the exhibits received at said hearing being fully advised in the premises,

FINDS:

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

(2) That geological and engineering data now available to the Commission indicate that one well apparently will drain 80 acres and that the South Knowles-Devonian Oil Pool should be developed on the basis of 80 acre proration units, said proration units to consist of the E/2 and W/2 of each quarter section.

(3) That in order to prevent waste, the maximum per well allowable for the pool shall be set at 150 barrels for each proration unit.

IT IS THEREFORE ORDERED:

1. That 80 acre proration units are hereby established for the South Knowles-Devonian Pool, said proration units to consist of the E/2 and W/2 of each governmental quarter section.
2. That all wells drilled in the South Knowles-Devonian Oil Pool may be located on either 40 acre portion of the 80 acre proration unit, provided however that the well shall be located in the center of the 40 acre tract with a tolerance of 150 feet in any direction to avoid surface obstructions.
3. That no well shall be drilled and produced except in conformity with the spacing pattern set for the above without special order of the Commission after due notice and hearing.
4. That the maximum allowable assigned any well on an 80 acre proration unit within the South Knowles-Devonian Oil Pool shall be 150 barrels per day subject to gas-oil ratio limitations and adjustment.
5. That this order shall cover all of the South Knowles-Devonian Oil Pool as heretofore delineated and any extension thereof as may be determined by further development and shall continue in force for a period of one year from the first day of October, 1955.
6. That applicants shall appear before the Commission during the regularly scheduled hearing in July, 1956, to show cause why said 80 acre drilling and proration units in the South Knowles-Devonian Pool, as herein ordered, should be continued.
7. That all operators in the South Knowles-Devonian Pool shall submit complete data on all future wells; said data to consist of drill stem test records, core records and core analyses, bottom hole pressure surveys, electrical logs and any other pertinent data.

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

S/ JOHN F. SIMMS, Chairman

S/ E. S. WALKER, Member

S/ W. B. MACEY, Member & Secretary

S E A L

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BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

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

CASE NO. 819
Order No. R-638-C

IN THE MATTER OF THE APPLICATION
OF JAKE L. HAMON AND WARREN PETRO-
LEUM CORPORATION FOR AN ORDER
ESTABLISHING 80-ACRE WELL SPACING
AND AN ALLOCATION FACTOR DETERMINED
AS THE PRODUCT OF A STANDARD 40-ACRE
ALLOWABLE AND THE APPROPRIATE DEPTH
FACTOR FOR THE COMMON SOURCE OF
SUPPLY, DESIGNATED AS THE SOUTH KNOWLES-
DEVONIAN POOL IN LEA COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a. m. on July 18, 1956, before the Oil Conservation Commission of New Mexico hereinafter referred to as the "Commission", in compliance with Paragraph 6 of Order R-638-B issued by the Commission on the 15th day of September, 1955.

NOW, on this 13th. day of September, 1956, the Commission, a quorum being present, having considered the testimony adduced and the exhibits received at said hearing and being fully advised in the premises,

FINDS:

1. That due notice of the time and place of the initial re-hearing on July 14, 1955, having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.
2. That geological and engineering data now available to the Commission indicate that one well will drain 80 acres and that the South Knowles-Devonian Pool should be developed on the basis of 80-acre proration units, said proration units to consist of the E/2 or the W/2 of each quarter section.

3. That in order to prevent waste, the maximum per-well allowable for the pool should be set at 150 barrels for each proration unit.

4. That the provisions of Paragraphs 1, 2, 3 and 4 in full and Paragraph 5 in part as set forth in Order R-638-B should be ordered to be permanently in full force and effect.

IT IS THEREFORE ORDERED:

1. That 80-acre proration units be and the same are hereby established for the South Knowles-Devonian Pool, said proration units to consist of the E/2 or the W/2 of each governmental quarter section.

2. That all wells drilled in the South Knowles-Devonian Pool may be located on either 40-acre portion of the 80-acre proration unit, provided however that the well shall be located in the center of the 40-acre tract with a tolerance of 150 feet in any direction to avoid surface obstructions.

3. That no well shall be drilled and produced except in conformity with the spacing pattern set for the above without special order of the Commission after due notice and hearing.

4. That the maximum allowable assigned any well on an 80-acre proration unit within the South Knowles-Devonian Pool shall be 150 barrels per day subject to gas-oil ratio limitations and adjustment.

5. That this order shall cover all of the South Knowles-Devonian Pool as heretofore delineated and any extension thereof as may be determined by further development and shall continue in full force and effect until further order of the Commission.

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

S/John F. Simms, Chairman

S/E. S. Walker, Member

S/A. L. Porter, Jr. Member & Secretary

S E A L

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

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

CASE NO. 4880
Order No. R-638-D

APPLICATION OF JAKE L. HAMON
FOR THE AMENDMENT OF ORDER
NO. R-638-C, LEA COUNTY,
NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on December 19, 1972 at Santa Fe, New Mexico, before Examiner Elvis A. Utz.

NOW, on this 5th day of January, 1973, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

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

(2) That Commission Order No. R-638-C, dated September 13, 1956, provided for the drilling of wells in the South Knowles-Devonian Pool, Lea County, New Mexico, on 80-acre spacing and proration units and fixed the maximum allowable to be assigned to any well on an 80-acre proration unit in said pool at 150 barrels per day subject to gas-oil ratio limitations and adjustment

(3) That the applicant, Jake L. Hamon, as owner and operator of certain wells in said South Knowles-Devonian Pool, seeks the amendment of Order No. R-638-C to establish for the South Knowles-Devonian Pool the regular 80-acre depth bracket allowable as set forth in Rule 505 of the Commission Rules and Regulations.

(4) That the evidence presented indicates that the establishment of said 80-acre depth bracket allowable as the basic allowable for the South Knowles-Devonian Pool, subject to the Commission's market demand percentage factor, will not cause waste nor violate correlative rights.

(5) That the application should be approved.

IT IS THEREFORE ORDERED:

(1) That Order No. (4) of the South Knowles-Devonian Special Pool Rules as set forth in Commission Order No. R-638-C is hereby amended to read in its entirety as follows:

"(4) That the maximum allowable assigned to any well on an 80-acre proration unit in the South Knowles-Devonian Pool shall be determined in accordance with the 80-acre depth bracket allowable set forth in Rule 505 of the Commission Rules and Regulations for pools in the 12,000-12,999 foot depth range, subject to the Commission's market demand percentage factor."

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

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

BRUCE KING, Chairman

ALEX J. ARMIJO, Member

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

S E A L

dr/

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

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

CASE NO. 8520
Order No. R-638-E

APPLICATION OF ARCO OIL AND
GAS COMPANY FOR AMENDMENT OF
SPECIAL POOL RULES, LEA COUNTY,
NEW MEXICO.

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 8 a.m. on March 13, 1985, at Santa Fe, New Mexico, before Examiner Gilbert P. Quintana.

NOW, on this 13th day of May, 1985, the Division Director, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS THAT:

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

(2) Division Order No. R-638-B, entered July 14, 1955, provided for the drilling of wells in the South Knowles-Devonian Pool, Lea County, New Mexico, on 80-acre proration units consisting of the E/2 or W/2 of each governmental quarter section.

(3) The special rules for the South Knowles-Devonian Pool were made permanent by Division Order No. R-638-C entered September 13, 1956.

(4) The applicant, ARCO Oil and Gas Company, as owner and operator of certain wells in said South Knowles-Devonian Pool, seeks the amendment of the special rules to delete the requirement that proration units consist of either the E/2 or W/2 of each governmental quarter section.

Case No. 8520
Order No. R-638-E

(5) No party appeared and objected to the proposed amendment.

(6) The evidence presented indicates that deletion of the E/2 or W/2 governmental quarter section requirement from said special rules will enable the applicant to more efficiently explore and develop the southern extension of the South Knowles-Devonian Pool.

(7) The proposed amendment will not affect the acreage position of the working interest owners in the South Knowles-Devonian Pool.

(8) Approval of the proposed amendment will prevent waste and will not violate correlative rights within the South Knowles-Devonian Pool area.

IT IS THEREFORE ORDERED THAT:

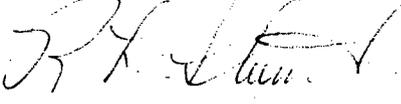
(1) Order No. (1) of Division Order No. R-638-C is hereby amended to read in its entirety as follows:

"(1) That 80-acre proration units are hereby established for the South Knowles-Devonian Pool, said proration units to consist of the N/2, S/2, E/2 or W/2 of a governmental quarter section."

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

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

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION


R. L. STAMETS
Director

S E A L
fd/

CMD :
OG6IWCM

ONCARD
INQUIRE WELL COMPLETIONS

10/28/04 12:42:17
OGOMES -TPIJ

API Well No : 30 25 7304 Eff Date : 04-16-2002 WC Status : P
Pool Idn : 36480 KNOWLES;DEVONIAN, SOUTH
OGRID Idn : 178787 TRIUMPH EXPLORATION INC
Prop Idn : 24495 DAVIS FEDERAL

*Pr A'ed
April 2002*

Well No : 001
GL Elevation: 3682

	D/L	Sec	Township	Range	North/South	East/West	Prop/Act(P/A)
B.H. Locn	: A	13	17S	38E	FTG 660 F N FTG	660 F E	P

Lot Identifier:

Dedicated Acre:

Lease Type : F

Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :

M0025: Enter PF keys to scroll

PF01 HELP	PF02	PF03 EXIT	PF04 GoTo	PF05	PF06
PF07	PF08	PF09	PF10 NEXT-WC	PF11 HISTORY	PF12 NXTREC

District I
 1825 N. Francis Dr., Hobbs, NM 88240
 District II
 1301 W. Grand Avenue, Artesia, NM 88210
 District III
 1000 Rio Brazos Road, Aztec, NM 87410
 District IV
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
 Energy Minerals and Natural Resources

Oil Conservation Division
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

Form C-104A
 Revised June 10, 2003

Submit 1 copy of the final affected wells
 list along with 1 copy of this form per
 number of wells on that list to appropriate
 District Office

Change of Operator

Previous Operator Information:

OGRID: 153888
 Name: FAGADAU ENERGY CORPORATION
 Address: 4849 GREENVILLE
 Address: SUITE 1600
 City, State, Zip: DALLAS, TEXAS 75206

New Operator Information:

Effective Date: []
 New Ogrid: 227103
 New Name: PLATINUM EXPLORATION INC.
 Address: 550 W. TEXAS AVENUE
 Address: SUITE 200
 City, State, Zip: MIDLAND, TEXAS 79701

I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information on this form and the attached list of wells is true and complete to the best of my knowledge and belief.

New Operator
 Signature: Michael P. Jobe
 Printed name: MICHAEL P. JOBE
 Title: VICE PRESIDENT
 E-mail Address: mpjobe@t3wireless.com
 Date: 4/30/04 Phone: (432) 687-1664

Previous operator complete below:

Previous Operator: FAGADAU ENERGY CORPORATION
 Previous OGRID: 153888
 Signature: Carolyn McKee
 Printed Name: Carolyn McKee
 E-mail Address: carolyn@fagadau.com

NMOCD Approval	
Signature:	<u>Paul F. Kautz</u>
Printed Name:	<u>PAUL F. KAUTZ</u>
District:	<u>PETROLEUM ENGINEER.</u>
Date:	<u>APR 30 2004</u>

District I
 1625 N. French Dr., Hobbs, NM 88240
 District II
 1301 W. Grand Avenue, Artesia, NM 88210
 District III
 1000 Rio Brazos Road, Aztec, NM 87410
 District IV
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
 Energy Minerals and Natural Resources

Form C-104A
 Revised June 10, 2003

Oil Conservation Division
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

Submit 1 copy of the final affected wells
 list along with 1 copy of this form per
 number of wells on that list to appropriate
 District Office

Change of Operator

Previous Operator Information:

New Operator Information:

OGRID: 178787
 Name: Triumph Exploration, Inc.
 Address: P. O. Box 10280
 Address: Midland, Texas 79702
 City, State, Zip: _____

Effective Date: 01/01/2004
 New Ogrid: 153888
 New Name: Fagadau Energy Corp.
 Address: 4849 Greenville
 Address: Suite 1600
 City, State, Zip: Dallas, Texas 75206

I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information on this form and the attached list of wells is true and complete to the best of my knowledge and belief.

New Operator
 Signature: *Thomas H. Fagadau*

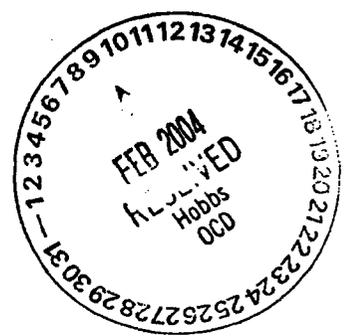
Printed name: Thomas H. Fagadau

Title: Vice-President

E-mail _____

Address: _____

Date: 2-4-04 Phone: 214 369 5909



Previous operator complete below:

Previous
 Operator: Triumph Exploration, Inc.
 Previous
 OGRID: 178787
 Signature: *Randall Foster*
 Printed Name: Randall Foster
 E-mail _____
 Address: _____

NMOCD Approval	
Signature: <u><i>Paul F. Kautz</i></u>	
Printed Name: <u>Paul F. Kautz</u>	
District: _____	PETROLEUM ENGINEER
Date: <u>FEB 27 2004</u>	

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division
1625 N. French Dr.
Hobbs, NM 88240

FORM APPROVED
Budget Bureau No. 1004-0135
Expires November 30, 2000
Lease Serial No. 00-0775

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name
2. Name of Operator TRIUMPH EXPLORATION		7. If Unit or CA / Agreement, Name and / or No
3a. Address P. O. BOX 10280, MIDLAND, TEXAS 79702	3b. Phone No. (include area code) 915/687-4220	8. Well Name and No. DAVIS FEDERAL # 1
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 660 FNL AND 660 FEL SEC 13 T17-S R-38E		9. API Well No. 30-025-07304
		10. Field and Pool, or Exploratory Area KNOWLES DEVONIAN SOUTH
		11. County or Parish, State LEA COUNTY, NEW MEXICO

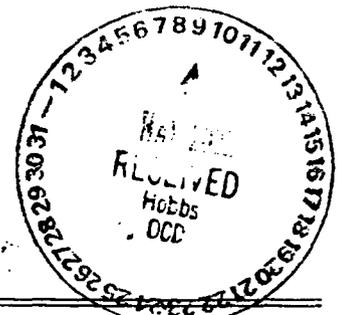
12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

4-1-02 SEY C.I.B.P. @ 11,950 W/ 20' CEMENT ON TOP
CUT PIPE @ 8025' PULL 5 1/2 CASING
4-12-02 SPOT 75 SKS @ 8000' W.O.C. & TAG @ 7619
PERF @ 4850 SQUEEZE 75 SKS W.O.C. & TAG @ 4610
4-16-02
SPOT 75 SKS @ 2300 - 2100
SPOT 150 SKS @ 375 W.O.C. & TAG @ 34'
SPOT CEMENT 10-34'
INSTALL P&A MARKER
CIRC. 9.5 MUD

Approved as to plugging of the well face.
Liability under bond is retained until
surface restoration is completed.



14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed) *[Signature]* Title _____ Date **MAY 2, 2002**

APPROVED
(ORIG. SGB.) DAVID H. GLASS

Approved by _____ Title _____ Date _____

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001 makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or reports, or to furnish any information to any officer or employee of any such department or agency which is known to be false, fictitious or fraudulent.

District I
PO Box 1960, Hobbs, NM 88241-1960
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brava Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-104
Revised February 10, 1994
Instructions on back
Submit to Appropriate District Office
5 Copies

AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

Operator name and Address TRIUMPH EXPLORATION, INC. P. O. BOX 10280 MIDLAND, TEXAS 79702-7280		OGRID Number 178787
		Reason for Filing Code CH EFFECTIVE DATE: 04/01/99
API Number 30 - 025-07304	Pool Name KNOWLES DEVONIAN SOUTH	Pool Code 36480
Property Code 24495	Property Name DAVIS FEDERAL	Well Number 1

II. Surface Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South Line	Feet from the	East/West line	County
A	13	17S	38E		660	NORTH	660	EAST	LEA

Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South Line	Feet from the	East/West line	County
A	13	17S	38E		660	NORTH	660	EAST	LEA

Lea Code	Producing Method Code	Gas Connection Date	C-129 Permit Number	C-129 Effective Date	C-129 Expiration Date
F	P				

III. Oil and Gas Transporters

Transporter OGRID	Transporter Name and Address	FOD	O/G	POD ULSTR Location and Description
15694	NAVAJO REFINING CO. P. O. BOX 159 ARTESIA, NM 88211	956410	O	
009171	GPM GAS CORP 4001 PENBROOK ODESSA, TX 79762	956430	G	

IV. Produced Water

FOD	POD ULSTR Location and Description
956450	

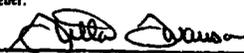
V. Well Completion Data

Spud Date	Ready Date	TD	PBTD	Perforations
Hole Size	Casing & Tubing Size	Depth Set	Sacks Cement	

VI. Well Test Data

Date New Oil	Gas Delivery Date	Test Date	Test Length	Tbg. Pressure	Csg. Pressure
Choke Size	Oil	Water	Gas	AOP	Test Method

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

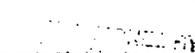
Signature: 

Printed name: STELLA SWANSON, CPL

Title: GENERAL MANAGER

Date: 4-8-99 Phone: 915/687-4220

OIL CONSERVATION DIVISION

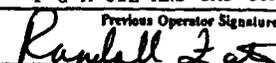
Approved by: 

Title: VICE PRESIDENT

Approval Date: 4-8-99

If this is a change of operator fill in the OGRID number and name of the previous operator

F & M OIL AND GAS COMPANY #007688

Previous Operator Signature: 

Printed Name: RANDALL R. FOSTER

Title: VICE PRESIDENT

Date: 4-8-99

MP

District I
 Box 1960, Hobbs, NM 88241-1960
 District II
 1 South First, Artesia, NM 88210
 District III
 2040 South Pacheco Rd., Aztec, NM 87410
 District IV
 12 South Pacheco, Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
 2040 South Pacheco
 Santa Fe, NM 87505

Form O-107
 Revised October 18, 1994
 Instructions on back
 Submit to Appropriate District Office
 5 Copies

AMENDED REPORT

REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

Operator name and Address F&M Oil and Gas Company P. O. Box 891 Midland, Texas 79702		OGRID Number 007688
		Reason for Filing Code CO Effective 1/1/98
API Number 30-025-07304	Pool Name Knowles Devonian South	Pool Code 36480
Property Code 004218	Property Name Federal Davis	Well Number 1

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
A	13	17S	38E		660	N	660	E	Lea

11 Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	13	17S	38E		660	N	660	E	Lea

Lease Code F	Producing Method Code P	Gas Connection Data	C-129 Permit Number	C-129 Effective Date	C-129 Expiration Date
------------------------	-----------------------------------	---------------------	---------------------	----------------------	-----------------------

II. Oil and Gas Transporters

Transporter OGRID	Transporter Name and Address	POD	O/G	POD ULSTR Location and Description
15694 33479	Refining Navajo Crude Oil Marketing P. O. Box 159 Artesia, NM 88211	956410	8	
		956430	6	

IV. Produced Water

POD 956450	POD ULSTR Location and Description
----------------------	------------------------------------

V. Well Completion Data

Spud Date	Ready Date	TD	PBTD	Perforations	DHC, DC, MC
Hole Size		Casing & Tubing Size		Depth Set	Sacks Cement

VI. Well Test Data

Date New Oil	Gas Delivery Date	Test Date	Test Length	Tbg. Pressure	Csg. Pressure
Choke Size	Oil	Water	Gas	AQF	Test Method

I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature:	OIL CONSERVATION DIVISION CAROL W. SPAIN, DISTRICT SUPERVISOR
Printed name: Leah D. Spears	Title:
Title: Office Manager	Approval Date:
Date: 1/22/98	Phone: (915)682-7714
If this is a change of operator fill in the OGRID number and name of the previous operator	
Previous Operator Signature	Printed Name Title Date

Handwritten initials/signature

UNITED STATES **N.M. OIL CONS. COMMISSION**
 DEPARTMENT OF THE INTERIOR **P.O. BOX 1980**
 BUREAU OF LAND MANAGEMENT **HOBBS, NEW MEXICO 88240**

FORM APPROVED
 Budget Bureau No. 1004-0135
 Expires: March 31, 1993
 Lease Designation and Serial No.

NMNM0775

SUNDRY NOTICES AND REPORTS ON WELLS
 Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
 Use "APPLICATION FOR PERMIT—" for such proposals.

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
F&M Oil and Gas Company

3. Address and Telephone No.
P. O. Box 891, Midland, Texas 79702

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
660' FNL, 660' FEL, Sec. 13, T17S, R38E

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.
Davis Federal #1

9. API Well No.
30025073040081

10. Field and Pool, or Exploratory Area
Knowles Devonian, South

11. County or Parish, State
Lea County, NM

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input checked="" type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

10-30-94 Moved in, Rigged Up, Pulling unit. Pulled 216 jts 2 7/8" tubing SD SIFN.

10-31-94 PU 1 jt opened ended mud anchor, 5 1/2" Baker TAC W/ 35K shear, 2 1/2" mechanical SN and 9605.96' 2 7/8" N80 tubing. Seat TAC @ 9608' W/15 pts. Flange up wellhead Pick up rebuilt 2 1/2"X 1 1/4"X 28' pump, 1-1" D Steel Rod, 1-35K shear tool, 154-1" D steel rods, 151-1.25" fiberglass rods. Land pump SD SIFN.

11-01-94 Move in and erect 640 American Pumping Unit, space pump, RD PU, electrify Pumping Unit. Well would not pump SD SIFN.

11-02-94 Kill Truck on location. Load tubing W/ 10BW, pressure tubing to 500#, Pump stroke looks good. Will leave pumping on hand. Returned to production.

ACCEPTED FOR RECORD
J. Lora
 11-14-1994
 CARLSBAD, NEW MEXICO

14. I hereby certify that the foregoing is true and correct
 Signed *John W. Spence* Title Secretary Date 11-02-94
 (This space for Federal or State office use)

Approved by _____ Title _____ Date _____
 Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

F&M Oil and Gas Company

3. Address and Telephone No.

P. O. Box 891

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Midland, Texas 79702

*660' FNK + FEL
Sec. 13-17S -38E*

5. Lease Designation and Serial No.

NMNM0775

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Davis Federal #1

9. API Well No.

300250730400S1

10. Field and Pool, or Exploratory Area

Knowles Devonian, South

11. County or Parish, State

Lea Co. New Mexico

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>request for extension</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Still intend to recomplete well. Asking for extension due to the acquisition of eleven new federal properties that need more immediate attention, we request an extension of two months to proceed with the previous request of recompletion. We anticipate being able to proceed at the first available opportunity.

Extension APPROVED FOR 2 MONTH PERIOD
ENDING 12/1/94

14. I hereby certify that the foregoing is true and correct

Signed

Randall

Title

Vice President

Date

9/8/94

(This space for Federal or State office use)

Approved by

(ORIG. SGD.) JOE G. LARA

Title

PETROLEUM ENGINEER

Date

10/2/94

Conditions of approval, if any:

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. OIL CONS. COMMISSION
F BOX 1980
HUBBS, NEW MEXICO 88240

FORM APPROVED

Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.

NMNM0775

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Davis Federal 01

9. API Well No.

30025073040081

10. Field and Pool, or Exploratory Area

Knowles Devonian, South

11. County or Parish, State

Lea Co., New Mexico

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

F&M Oil and Gas Company

3. Address and Telephone No.

P. O. Box 2201, Midland, Texas (915)682-7714

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NENE 13-17S-38E

660' FNL & FEL

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input checked="" type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Trip in hole with Lyons Inflatable 7" packer-set packer in open hole @ 12,135'-Treat open hole section from 12,135' to 12,147' with 3,000 gallons of 15% NEFE Acid, Trip out of hole with packer-Hang well back on production. Anticipated date of first production is 10-01-94.

RECEIVED
JUN 21 11 03 AM '94
BUREAU OF LAND MANAGEMENT
HUBBS, NM.
RECEIVED
JUN 21 2 10 PM '94
DATE 8/15/94

14. I hereby certify that the foregoing is true and correct

Signed

Russell J. ...

Title Vice-President

(This space for Federal or State office use)

(ORIG. SGD.) JOE G. LARA

Title

PETROLEUM ENGINEER

Approved by

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

Submit 5 Copies
 Appropriate District Office
DISTRICT I
 P.O. Box 1980, Hobbs, NM 88240

State of New Mexico
 Energy, Minerals and Natural Resources Department

Form C-104
 Revised 1-1-89
 See Instructions
 at Bottom of Page

OIL CONSERVATION DIVISION

P.O. Box 2088
 Santa Fe, New Mexico 87504-2088

DISTRICT II
 P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
 1000 Rio Brazos Rd., Aztec, NM 87410

**REQUEST FOR ALLOWABLE AND AUTHORIZATION
 TO TRANSPORT OIL AND NATURAL GAS**

I.

Operator F & M OIL AND GAS COMPANY	Well API No. 30-025-07304
Address P.O. BOX 891, Midland, Texas 79702-0891	
Reason(s) for Filing (Check proper box) <input type="checkbox"/> Other (Please explain)	
New Well <input type="checkbox"/>	Change in Transporter of: <input type="checkbox"/>
Recompletion <input type="checkbox"/>	Oil <input checked="" type="checkbox"/> Dry Gas <input type="checkbox"/>
Change in Operator <input type="checkbox"/>	Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>
Effective December 1, 1991	
If change of operator give name and address of previous operator	

II. DESCRIPTION OF WELL AND LEASE

Lease Name Federal Davis	Well No. 1	Pool Name, including Formation South Knowles Devonian	Kind of Lease State, Federal or Federal Federal	Lease No. NM0775
Location Unit Letter A : 660 Feet From The North Line and 660 Feet From The East Line Section 13 Township 17S Range 38E , NMPM , LEA County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)			
Scurlock Permian Corporation	P.O. Box 4648, Houston, Texas 77210-4648			
Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)			
Phillips Petroleum Company	4001 Penbrook, Odessa, Texas 79762			
If well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp.	Rge.
Is gas actually connected?	When ?			
YES	UNKNOWN			

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	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v
Date Spudded	Date Compl. Ready to Prod.		Total Depth			P.B.T.D.		
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation		Top Oil/Gas Pay			Tubing Depth		
Perforations						Depth Casing Shoe		
TUBING, CASING AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET			SACKS CEMENT		

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 allowable for this depth or be for full 24 hours.)

Date First New Oil Run To Tank	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	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (prior, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

VI. OPERATOR CERTIFICATE OF COMPLIANCE

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

Signature *Greg Matzky*
 Printed Name **Greg Matzky** President
 Date **12/19/91** Telephone No. **(915) 682-7714**

OIL CONSERVATION DIVISION

Date Approved **JAN 06 '92**
 Orig. Signed by **Paul Kautz**
 By Paul Kautz Geologist
 Title _____

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 2) All sections of this form must be filled out for allowable on new and recompleted wells.
- 3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
- 4) Separate Form C-104 must be filed for each pool in multiply completed wells.

District I Copies
 Appropriate District Office
 DISTRICT I
 P.O. Box 1960, Hobbs, NM 88240

State of New Mexico
 Energy, Minerals and Natural Resources Department

Form C-104
 Revised 1-1-89
 See Instructions
 at Bottom of Page

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT II
 P.O. Drawer DD, Aztec, NM 88210

DISTRICT III
 1000 Elie Brazos Rd., Aztec, NM 87410

**REQUEST FOR ALLOWABLE AND AUTHORIZATION
 TO TRANSPORT OIL AND NATURAL GAS**

Operator F & M Oil & Gas Co.		Well API No. 30-025-07304
Address P. O. Box 891, Midland, TX 79702-0891		
Reason(s) for Filing (Check proper box) <input type="checkbox"/> Other (Please explain)		
New Well <input type="checkbox"/>	Change in Transporter of: Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/>	EFFECTIVE OCTOBER 1, 1991
Recompletion <input type="checkbox"/>	Condensate <input type="checkbox"/>	
Change in Operator <input checked="" type="checkbox"/>	Casinghead Gas <input type="checkbox"/>	
If change of operator give name and address of previous operator Chevron U.S.A., Inc., P. O. Box 1150, Midland, TX 79702		

II. DESCRIPTION OF WELL AND LEASE

Lease Name Davis Federal	Well No. 1	Pool Name, including Formation S. Knowles Devonian	Kind of Lease State, Federal or Fee Federal	Lease No. NMO775
Location Unit Letter <u>A</u> : <u>660</u> Feet From The <u>North</u> Line and <u>660</u> Feet From The <u>East</u> Line Section <u>13</u> Township <u>17S</u> Range <u>38E</u> NMPM LEA County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/> Amoco Production Company	Address (Give address to which approved copy of this form is to be sent) P. O. Box 3092, Houston, TX 77253			
Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> Phillips Petroleum Company	Address (Give address to which approved copy of this form is to be sent) 4001 Penbrook, Odessa, TX 79762			
If well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp.	Rge.
Is gas actually connected?	When?			
Yes	Unknown			

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	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v
Date Spudded	Date Compl. Ready to Prod.		Total Depth			P.B.T.D.		
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation		Top Oil/Gas Psy			Tubing Depth		
Perforations						Depth Casing Shoe		

TUBING, CASING AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT

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 allowable for this depth or be for full 24 hours.)

Date First New Oil Run To Tank	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	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (plot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

VI. OPERATOR CERTIFICATE OF COMPLIANCE

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

J. K. Ripley
 Signature
 J. K. Ripley Technical Assistant
 Printed Name Title
 9/30/91 (915) 687-7148
 Date Telephone No.

OIL CONSERVATION DIVISION

Date Approved JAN 06 '92
 By _____
 Title _____

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 2) All sections of this form must be filled out for allowable on new and recompleted wells.
- 3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
- 4) Separate Form C-104 must be filed for each pool in multiply completed wells.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN THIS CATEGORY
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		3. LEASE DESIGNATION AND SERIAL NO. NM0775
2. NAME OF OPERATOR Chevron U.S.A. Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P.O. Box 670, Hobbs, New Mexico 88240		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface Unit A, 660 FNL and 660 FEL		8. FARM OR LEASE NAME Davis Federal
14. PERMIT NO.		9. WELL NO. #1
15. ELEVATIONS (Show whether DP, RT, CR, etc.) 3682		10. FIELD AND POOL, OR WILDCAT Knowles Devonian South
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 13, T17S, R38E
		12. COUNTY OR PARISH 13. STATE Lea NM

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input checked="" type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	(Other) <input type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Work performed: 7-19-88 thru 7-28-88

POH w/production equipment. RIH w/treating pkr, set at 12,050' and load backside. Pressure to 500psi, ok. Acidize perms at 12,094 - 12,138 and OH 12,141 - 12,171 w/5000 gallons 15% NEFE HCL, swab. RIH w/mud anchor perf sub, TAC, SN and 380 jts 2 7/8", rods and pump. Hook up flowline and well started pumping. Off report.

18. I hereby certify that the foregoing is true and correct
SIGNED M. E. Martin TITLE Staff Drilling Engr. DATE 10-13-88

(This space for Federal or State office use)

APPROVED BY FOR RECORD ONLY DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TR. STATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

NM0775

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Davis Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

L. Knowles Dev.

11. SEC. T., R., M. OR B.L.K. AND SURVEY OR AREA
Sec. 13, T17S, R38E

12. COUNTY OR PARISH 13. STATE

Lea

NM

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR

Chevron U.S.A. Inc.

3. ADDRESS OF OPERATOR

P.O. Box 670, Hobbs, New Mexico 88240

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface

Unit A, 660 FNL and 660 FEL

14. PERMIT NO.

15. ELEVATIONS (Show whether of, ft., or, etc.)

3682

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PCLL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

PB: 12,171

It is proposed to remove the existing unidraulic equipment from this well, acidize the Devonian interval (12094-12138) and open hole (12141-12171) with 5000 gallons 15% NEFE HCL + 900 GRS in 900 gallons 10#/gal gelled BW at 5000psi MSTP and 4-5 bpm. Swab back residue, TIH w/ production tbg and rod pumping equipment and turn over to production.

18. I hereby certify that the foregoing is true and correct

SIGNED

M. E. Abin

TITLE

Staff Drlg. Engr.

DATE

May 27, 1988

(This space for Federal or State office use)

APPROVED BY

SIC 300

TITLE

DATE

6-13-88

*See Instructions on Reverse Side

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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OPERATOR	
PROMOTION OFFICE	

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

Form C-104
Revised 10-01-78
Format 06-01-83
Page 1

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I. Operator
Chevron U.S.A. Inc.

Address
P. O. Box 670, Hobbs, New Mexico 88240

Reason(s) for filing (Check proper box):
 New Well
 Recompletion
 Change in Ownership
 Change in Transporter of:
 Oil
 Casinghead Gas
 Dry Gas
 Condensate
 Other (Please explain):
 Effective Dec 1, 1987
 No change in leasehold ownership

If change of ownership give name and address of previous owner: HARMON OPERATING Co. 325 N. ST. PAUL, SUITE 3900, DALLAS TX 75201-3900

II. DESCRIPTION OF WELL AND LEASE

Lease Name <u>DAVIS FEDERAL</u>	Well No. <u>1</u>	Pool Name, including Formation <u>KNOWLES & DEVONIAN</u>	Kind of Lease <u>State, Federal or Fee FED</u>	Lease No.
Location Unit Letter <u>A</u> ; <u>660</u> Feet From The <u>North</u> Line and <u>660</u> Feet From The <u>East</u> Line of Section <u>13</u> Township <u>17S</u> Range <u>38E</u> , NMPM, <u>LEA</u> County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/> <u>AMOCO PIPELINE Co.</u>	Address (Give address to which approved copy of this form is to be sent) <u>201 MAIN, SUITE 500, FT. WORTH, TX 76102</u>
Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> <u>PHILLIPS PETROLEUM Co. 66 Tall Gas</u>	Address (Give address to which approved copy of this form is to be sent) <u>4001 FENBROOK, Odessa, TX 79762</u>
If well produces oil or liquids, give location of tanks. Unit <u>A</u> Sec. <u>13</u> Twp. <u>17S</u> Rge. <u>38E</u>	Is gas actually connected? When <u>YES</u> <u>NOVEMBER, 1963</u>

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

NOTE: Complete Parts IV and V on reverse side if necessary.

VI. CERTIFICATE OF COMPLIANCE

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

L. L. Linn
(Signature)
New Mexico Area Supt.
(Title)
11-19-87
(Date)

OIL CONSERVATION DIVISION
APPROVED NOV 23 1987, 19____
BY ORIGINAL SIGNED BY JERRY GEXTON
TITLE DISTRICT I SUPERVISOR

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 deviation tests taken on the well in accordance with RULE 111.
All sections of this form must be filled out completely for allowable on new and recompleted wells.
Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.
Separate Forms C-104 must be filed for each pool in multiply completed wells.

IV. COMPLETION DATA

Designate Type of Completion - (X)		Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
Date Spudded	Date Compl. Ready to Prod.		Total Depth			P.B.T.D.			
Elevations (DF, RKB, RT, CR, etc.)	Name of Producing Formation		Top Oil/Gas Pay			Tubing Depth			
Perforations						Depth Casing Shoe			
TUBING, CASING, AND CEMENTING RECORD									
HOLE SIZE	CASING & TUBING SIZE			DEPTH SET			SACKS CEMENT		

V. TEST DATA AND REQUEST FOR ALLOWABLE (Test must be after recovery of total volume of load oil and must be equal to or exceed top 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	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

RECEIVED
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 HOBBS OFFICE

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-102
Revised 10-1

All distances must be from the outer boundaries of the Section.

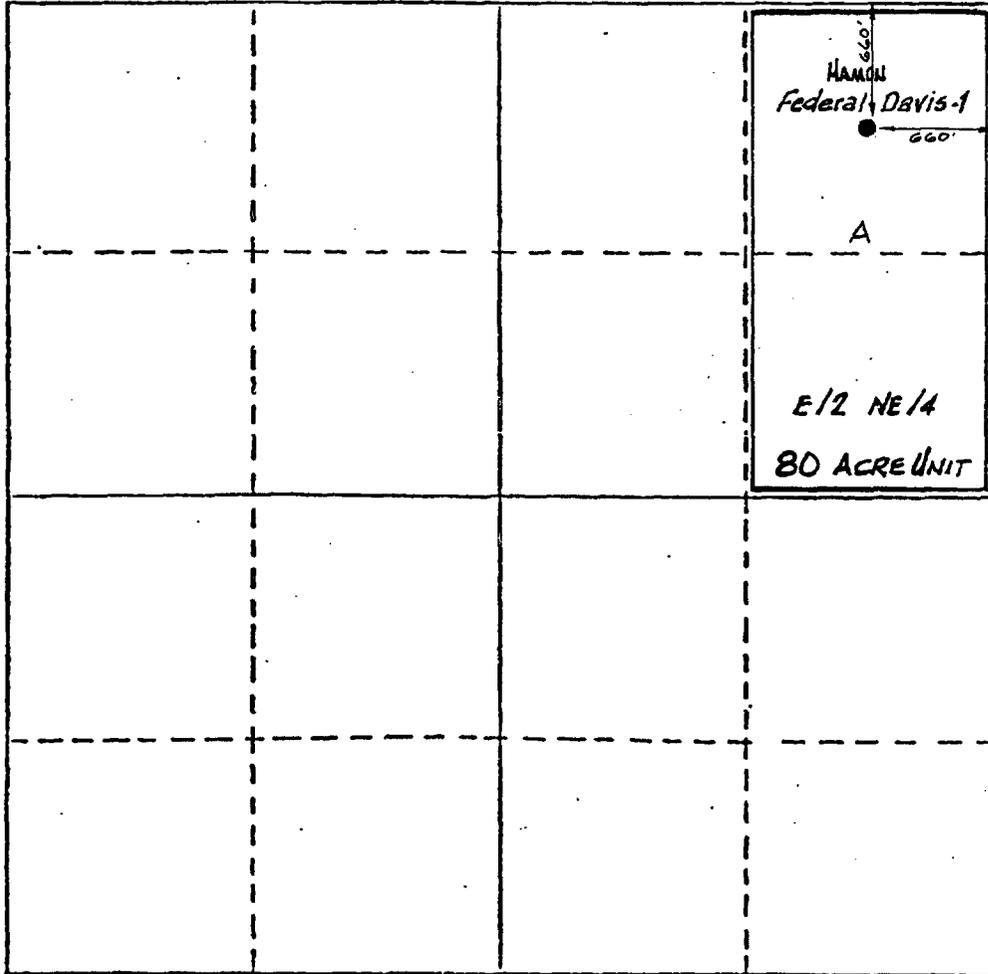
Operator HAMON OPERATING COMPANY		Lease Federal Davis		Well No. 1	
Unit Letter A	Section 13	Township 17S	Range 38E	County Lea	
Actual Postage Location of Well: 660 feet from the NORTH line and 660 feet from the EAST line SEC. 13					
Ground Level Elev. 3682'	Producing Formation DEVONIAN	Pool KNOWLES DEVONIAN S.	Dedicated Acreage: 80 Acres		

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.) NONE

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 Division.



CERTIFICATION

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

James F. Massey

Name
James F. Massey

Position
President

Company
Hamon Operating Company

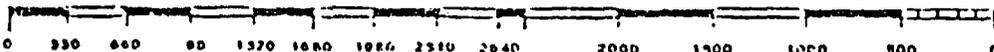
Date
March 24, 1986

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 _____

Registered Professional Engineer and/or Land Surveyor _____

Certificate No. _____



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

Form C-104
 Supersedes Old C-104 and C-110
 Effective 1-1-65

Operator
 Hamon Operating Company

Address
 611 Petroleum Building, Midland, Texas 79701

Reason(s) for filing (Check proper box)

New Well <input type="checkbox"/>	Change in Transporter of: Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/>	Other (Please explain) Change operator name from Hamon Oil Company and Gulf Oil Corporation to Hamon Operating Company
Recompletion <input type="checkbox"/>	Costinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>	
Change in Ownership <input type="checkbox"/>		

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

DESCRIPTION OF WELL AND LEASE

Lease Name <u>Federal Davis Federal</u>	Well No. <u>1</u>	Pool Name, including Formation <u>Knowles Devonian, South</u>	Kind of Lease State, Federal or Fee <u>Federal</u>	Lease No. <u>14-20</u> <u>600-775</u>
Location Unit Letter <u>A</u> ; <u>660</u> Feet From The <u>North</u> Line and <u>660</u> Feet From The <u>East</u>				
Line of Section <u>13</u> Township <u>17S</u> Range <u>38E</u> , NMPM, <u>Lea</u> County				

DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/> <u>Amoco Pipeline Company</u>	Address (Give address to which approved copy of this form is to be sent) <u>200 West 7th St., Suite 2300, Fort Worth, Texas 76102</u>			
Name of Authorized Transporter of Costinghead Gas <input type="checkbox"/> or DRY Gas <input checked="" type="checkbox"/> <u>Phillips Petroleum Company</u>	Address (Give address to which approved copy of this form is to be sent) <u>4001 Penbrook, Odessa, Texas 79762</u>			
If well produces oil or liquids, give location of tanks.	Unit <u>A</u>	Sec. <u>13</u>	Twp. <u>17S</u>	Range <u>38E</u>
	Is gas actually connected? <u>Yes</u>		When <u>November 1963</u>	

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

COMPLETION DATA

Designate Type of Completion - (X)	<input type="checkbox"/> Oil Well	<input type="checkbox"/> Gas Well	<input type="checkbox"/> New Well	<input type="checkbox"/> Workover	<input type="checkbox"/> Deepen	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Same Resrv.	<input type="checkbox"/> Diff. Resrv.
Date Spudded	Date Compl. Ready to Prod.		Total Depth		P.B.T.D.			
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation		Top Oil/Gas Pay		Tubing Depth			
Perforations						Depth Casing Shoe		

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT

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 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	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (shut-in)	Casing Pressure (shut-in)	Choke Size

I. 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.

Cecil H. Baston
 (Signature)
 Production Engineer
 (Title)
 August 14, 1985
 (Date)

OIL CONSERVATION COMMISSION

APPROVED OCT 2 1 1985, 19 _____

BY ORIGINAL SIGNED BY JERRY SEXTON

TITLE DISTRICT SUPERVISOR

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 deviation tests taken on the well in accordance with RULE 111.
 All sections of this form must be filled out completely for allowable on new and recompleted wells.
 Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.

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

Form C-104
 Supersedes Old C-104 and C-110
 Effective 1-1-65

Operator
Hamon Oil Company and Gulf Oil Corporation

Address
611 Petroleum Building, Midland, Texas 79701

Reason(s) for filing (Check proper box)

New Well <input type="checkbox"/>	Change in Transporter of:	Other (Please explain)
Recompletion <input type="checkbox"/>	Oil <input type="checkbox"/>	Dry Gas <input type="checkbox"/>
Change in Ownership <input checked="" type="checkbox"/>	Casinghead Gas <input type="checkbox"/>	Condensate <input type="checkbox"/>

If change of ownership give name and address of previous owner: **Change operator name from Jake L. Hamon and Gulf Oil Corporation to Hamon Oil Company and Gulf Oil Corporation.**

I. DESCRIPTION OF WELL AND LEASE

Lease Name Davis Federal	Well No. 1	Pool Name, including Formation Knowles Devonian, South Oil	Kind of Lease State, Federal or Fee Federal	Lease No. 14-20 600-775
Location Unit Letter A ; 660 Feet From The North Line and 660 Feet From The East Line of Section 13 Township 17S Range 38E , NMPM, Lea County				

I. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/> Amoco Pipe Line Company	Address (Give address to which approved copy of this form is to be sent) 2300 Continental Nat'l Bank Bldg., Fort Worth Texas 76102			
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/> Phillips Petroleum Company	Address (Give address to which approved copy of this form is to be sent) 4001 Penbrook, Odessa, Texas 79762			
If well produces oil or liquids, give location of tanks.	Unit A	Sec. 13	Twp. 17S	Rge. 38E
	Is gas actually connected? Yes		When November 1963	

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

I. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well <input type="checkbox"/>	Gas Well <input type="checkbox"/>	New Well <input type="checkbox"/>	Workover <input type="checkbox"/>	Deepen <input type="checkbox"/>	Plug Back <input type="checkbox"/>	Same Reservoir <input type="checkbox"/>	Diff. Reservoir <input type="checkbox"/>
Date Spudded	Date Compl. Ready to Prod.		Total Depth		P.B.T.D.			
Elevations (DF, RKB, RT, CR, etc.)	Name of Producing Formation		Top Oil/Gas Pay		Tubing Depth			
Perforations						Depth Casing Shoe		

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT

I. 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 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	Length of Test	Bbls. Condensate/MCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

I. 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.

Betty McKenney
 (Signature)
 Production Clerk
 (Title)
 January 4, 1984
 (Date)

OIL CONSERVATION COMMISSION

APPROVED MAR 15 1984, 19
 BY ORIGINAL SIGNED BY JERRY SEXTON
 DISTRICT I SUPERVISOR
 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 deviation tests taken on the well in accordance with RULE 111.
 All sections of this form must be filled out completely for allowable on new and recompleted wells.
 Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.

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OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

FORM C-110
(Rev. 7-60)

**CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS**

HUBBS OFFICE D. C. C.

FILE THE ORIGINAL AND 4 COPIES WITH THE APPROPRIATE OFFICE

Nov 28 2 28 PM '63

Company or Operator JAKE L. HAMON & GULF OIL CORPORATION				Lease Robert Davis	Well No. 1
Unit Letter A	Section 13	Township 17-S	Range 38-E	County Lea	

Pool South Knowles Devonian	Kind of Lease (State, Fed, Fee) Federal - S.N. 0775			
If well produces oil or condensate give location of tanks	Unit Letter A	Section 13	Township 17-S	Range 38-E

Authorized transporter of oil <input checked="" type="checkbox"/> or condensate <input type="checkbox"/>	Address (give address to which approved copy of this form is to be sent)
Service Pipe Line Company	Lovington, New Mexico

Is Gas Actually Connected? Yes _____ No _____

Authorized transporter of casing head gas <input checked="" type="checkbox"/> or dry gas <input type="checkbox"/>	Date Connected	Address (give address to which approved copy of this form is to be sent)
Phillips Pipe Line Company		Lovington, New Mexico

If gas is not being sold, give reasons and also explain its present disposition:

REASON(S) FOR FILING (please check proper box)

New Well <input type="checkbox"/>	Change in Ownership <input type="checkbox"/>
Change in Transporter (check one)	Other (explain below)
Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/>	
Casing head gas <input type="checkbox"/> Condensate <input type="checkbox"/>	

Memo: 3-63
November 1, 1963

Remarks

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the 18th day of November, 1963.

Approved by 	OIL CONSERVATION COMMISSION	By
	Title	Clerk
Title	Company	JAKE L. HAMON 500 Vaughn Building Dallas, Texas 75201
Date	Address	

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

It is necessary that Form C-104 be approved before this form can be approved and an initial allowance be assigned to any completed Oil or Gas well. Submit this form in QUADRUPPLICATE.

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Company or Operator **Jake L. Hamon & Gulf Oil Corp.** Lease **Federal-Davis**

Address **102 Western Bldg. Midland, Texas** **Dallas, Texas**
(Local or Field Office) (Principal Place of Business)

Unit **A** Well(s) No. **1** Sec. **13** T-**17-S** R-**38-E** Pool **So. Knowles Dev.**

County **Lea** Kind of Lease: **Federal - Serial # 0775**

If Oil well Location of Tanks **NE/4 Sec. 13, T-17-S, R-38-E, Lea Co. New Mexico**

Authorized Transporter **Service Pipe Line Company** Address of Transporter
Lovington, New Mexico **Tulsa, Oklahoma**
(Local or Field Office) (Principal Place of Business)

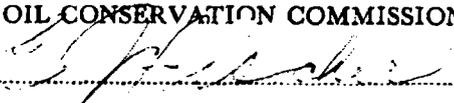
Per cent of Oil or Natural Gas to be Transported **100** Other Transporters authorized to transport Oil or Natural Gas from this unit are **None**

REASON FOR FILING: (Please check proper box)

- NEW WELL..... CHANGE IN OWNERSHIP.....
- CHANGE IN TRANSPORTER..... OTHER (Explain under Remarks).....

REMARKS: **Effective 1-1-58**

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.
Executed this the **3** day of **February**, 19 **58**

Approved....., 19.....
Jake L. Hamon & Gulf Oil Corp.
 OIL CONSERVATION COMMISSION
 By  Title **Chief Clerk**
 By  Title

DUPLICATE

(Form C-110)
(Revised 7/1/52)

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

FIELD OFFICE OCC

It is necessary that Form C-104 be approved before this form can be approved an an *initial* allowable be assigned to any completed Oil or Gas well. Submit this form in QUADRUPPLICATE.

JUN 10 PM 1:20

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Company or Operator Jake L. Hanson & Warren Pet. Corp. Lease Federal-Davis

Address Box 1162, Odessa, Texas Dallas, Texas
(Local or Field Office) (Principal Place of Business)

Unit A, Well(s) No. 1, Sec. 13, T. 17-S, R. 38-E, Pool New Field Undesignated

County Lea Kind of Lease: Federal

If Oil well Location of Tanks NE 1/4 Sec. 13, T-17-S, R-38-E

Authorized Transporter Service Pipe Line Co. Address of Transporter

Box 337, Midland, Texas Box 1979, Tulsa, Oklahoma
(Local or Field Office) (Principal Place of Business)

Per cent of Oil or Natural Gas to be Transported 100 Other Transporters authorized to transport Oil or Natural Gas from this unit are None

REASON FOR FILING: (Please check proper box)

NEW WELL CHANGE IN OWNERSHIP
CHANGE IN TRANSPORTER OTHER (Explain under Remarks)

REMARKS:

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the 9th day of June, 1954

Jake L. Hanson

Approved....., 19.....

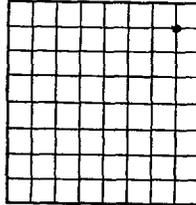
OIL CONSERVATION COMMISSION

By F. W. Shaw

By H. C. Hanson

Title Engineer

Title



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company JAKE L. HAMON Address Box 4162, Odessa, Texas
Lessor or Tract Federal Davis Field Wildcat State New Mexico
Well No. 1 Sec. 13 T. 17-S R. 38-E Meridian 103° County Lea
Location 660 ft. N. of S. 1/4 of E. 1/4 of Sec. 13 of 13 Line of 13 Line of 13 Elevation 2694.5
The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.
Signed W. H. Shaw
Date May 21, 1954 Title Engineer

The summary on this page is for the condition of the well at above date.
Commenced drilling November 12, 1953 Finished drilling May 19, 1954

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 12,068 to 12,171 No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

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

CASING RECORD

Size casing	Weight per foot	Threads per foot	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From-	To-	
13 3/8	18	8	Spang	350	Foot				Surface
5 1/2	17.820	8	Spang	12,171	Oil String				Oil String

MUDDING AND CEMENTING RECORD

Size casing	Wheeler set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13 3/8	274	300	Pump		
9 5/8	474	2170	Pump		
7 5/8	754	710	Pump		
5 1/2	12,111	300	Pump		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from 0 feet to 12,171 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Put to producing May 19, 1954
The production for the first 24 hours was 28.5 barrels of fluid of which 9.6 % was oil; _____ % emulsion; _____ % water; and 0.4 % sediment. Gravity, °Bé. 43.8
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. 4175 by DST.

EMPLOYEES

Clyde Pivville Driller W. S. Box Driller
J. D. Thompson Driller _____ Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
0	300	300	Surface sand
300	2380		Red Bed
2380	3520		Anhydrite & salt
3520	4970		Sand, Anhydrite & red shale
4970	5380		Dolomite, red shale & anhydrite
5380	6350		Dolomite
6350	6820		Lime & chert
6820	8350		Dolomite, chert, sand & shale
8350	9270		Sand & shale
9270	11,260		Dolomite, lime & chert
11,260	11,985		Lime & chert
11,985	12,068		shale & sand
12,068	12,171		Dolomite
			2380 — Top of anhydrite
			3520 — Top of Yates
			5380 — Top of San Andres
			6730 — Top of Ulorietta
			8350 — Top of Tubbs
			10,130 — Top of Wolfcamp
			11,260 — Top of Mississippian
			11,985 — Top of Woodford
			12,068 — Top of Devonian

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico **HOODS OFFICE 000**

It is necessary that Form C-104 be approved before this form can be approved an initial allowable be assigned to any completed Oil or Gas well. Submit this form in QUADRUPLATE **MAY 25 PM 1:20**

**CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS**

Company or Operator..... **JAKE L. HAMON** Lease..... **Federal - Davis**

Address..... **Box 1162, Odessa, Texas** **Dallas, Texas**
(Local or Field Office) (Principal Place of Business)

Unit..... **A**, Well(s) No..... **1**, Sec..... **13**, T..... **17-S**, R..... **38-E**, Pool..... **Wildcat**

County..... **Lee** Kind of Lease:..... **Federal**

If Oil well Location of Tanks..... **NE 1/4 Sec. 13, T-17-S, R-38-E**

Authorized Transporter..... **Stanolind Oil Purchasing Co. - Trucks** Address of Transporter
..... **Box 1725, Midland, Texas** **Box 591, Tulsa, Oklahoma**
(Local or Field Office) (Principal Place of Business)

Per cent of Oil or Natural Gas to be Transported..... **100** Other Transporters authorized to transport Oil or Natural Gas
from this unit are..... **Service Pipe Line Co.**
..... **100** %

REASON FOR FILING: (Please check proper box)

NEW WELL..... CHANGE IN OWNERSHIP.....
CHANGE IN TRANSPORTER..... OTHER (Explain under Remarks).....

REMARKS:

A form C-110 was filed on May 21, 1954 for Service Pipe Line Co. It is to go into effect as soon as a pipe line connection can be made. This should be sometime next week. Until that time Stanolind Oil Purchasing Co. will truck the oil from the lease.
The estimated amount of oil which Stanolind Oil Purchasing Co. trucks will move is 4000 bbl.

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the..... **24** day of..... **May** 19..... **54**

..... **JAKE L. HAMON**

Approved....., 19.....

OIL CONSERVATION COMMISSION

By..... *[Signature]*

By..... *[Signature]*

Title..... **Engineer**

Title.....

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

INDEX OFFICE OCC

It is necessary that Form C-104 be approved before this form can be approved an an initial allowable be assigned to any completed Oil or Gas well. Submit this form in QUADRUPPLICATE

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Company or Operator..... **JAKE L. HAMON** Lease..... **Federal - Davis**

Address..... **Box 4162, Odessa, Texas** **Dallas, Texas**
(Local or Field Office) (Principal Place of Business)

Unit....., Well(s) No..... **1**....., Sec..... **13**....., T..... **17-S**....., R..... **38-E**....., Pool..... **Wildcat**

County..... **Lee** Kind of Lease:..... **Federal**

If Oil well Location of Tanks..... **NE/4 Sec. 13, T-17-S, R-38-E**

Authorized Transporter..... **Service Pipe Line Co.** Address of Transporter

..... **Box 337, Midland, Texas** **Box 1979, Tulsa, Oklahoma**
(Local or Field Office) (Principal Place of Business)

Per cent of Oil or Natural Gas to be Transported..... **100**..... Other Transporters authorized to transport Oil or Natural Gas

from this unit are..... **None**

REASON FOR FILING: (Please check proper box)

NEW WELL..... CHANGE IN OWNERSHIP.....

CHANGE IN TRANSPORTER..... OTHER (Explain under Remarks).....

REMARKS:

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the **21** day of **May** 19 **54**.

Approved....., 19.....

OIL CONSERVATION COMMISSION

By..... *S. G. Stanley*

Title.....

..... **JAKE L. HAMON**

By..... *J. M. Shaw*

Title..... **Engineer**

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

REQUEST FOR (OIL) - (GAS) ALLOWABLE

New Well
~~XXXXXXXXXX~~

This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in **QUADRUPPLICATE** to the same District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. 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 psia at 60° Fahrenheit.

Midland, Texas

May 24, 1954

(Place)

(Date)

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

JAKE L. HANON

(Company or Operator)

Well No. 1

in NE $\frac{1}{4}$ NE $\frac{1}{4}$

(Lease)

A
(Unit)

Sec. 13, T. 17-S, R. 38-E, NMPM, Wildcat

Pool

Los

County. Date Spudded November 12, 1953 Date Completed May 19, 1954

Please indicate location:

Elevation 3694.5 Total Depth 12,171 P.B.

Top oil/gas pay 12,068 Prod. Form Devonian

Casing Perforations: None or

Depth to Casing shoe of Prod. String 12,141

Natural Prod. Test 132.48 BOPD

based on 66.24 bbls. Oil in 12 Hrs. 0 Mins.

Test after acid or shot 728.64 BOPD

Based on 273.24 bbls. Oil in 9 Hrs. 0 Mins.

Gas Well Potential

Size choke in inches 1"

Date first oil run to tanks or gas to Transmission system: May 19, 1954

Transporter taking Oil or Gas: Service Pipe Line Co.

Casing and Cementing Record

Size Feet Sax

<u>13 3/8</u>	<u>258</u>	<u>300</u>
<u>9 5/8</u>	<u>4755</u>	<u>2170</u>
<u>7 5/8</u>	<u>3500</u>	<u>770</u>
<u>5 1/2</u>	<u>12,141</u>	<u>300</u>

Remarks: The 7 5/8" casing is a liner which was swung on the 9 5/8" casing at 4468' and extended to 7968'.

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

Approved MAY 24 1954, 19

JAKE L. HANON

(Company or Operator)

OIL CONSERVATION COMMISSION

By: [Signature]
(Signature)

By: [Signature]

Title: Engineer

Send Communications regarding well to:

Title Engineer District

Name: JAKE L. HANON

Address: Box 4162, Odessa, Texas

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

REQUEST FOR (OIL) - (~~Gas~~) ALLOWABLE
HOBBS OFFICE OCC

New Well
~~REPLACEMENT~~

This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPPLICATE to the same District Office to which Form C-104 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. 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 psia at 60° Fahrenheit.

Midland, Texas May 21, 1954
(Place) (Date)

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

JAKE L. HANON Federal - Davis, Well No. 1, in NE 1/4 NE 1/4,
(Company or Operator) (Lease)
Sec. 13, T. 17-S, R. 30-E, NMPM, Willcox Pool
(Unit)
Leon County. Date Spudded November 12, 1953, Date Completed May 19, 1954

Please indicate location:

			.

Elevation 3694.5 Total Depth 12,171, P.B.

Top oil/gas pay 12,068 Prod. Form Devonian

Casing Perforations: None or

Depth to Casing shoe of Prod. String 12,161

Natural Prod. Test 132.48 BOPD

based on 66.24 bbls. Oil in 12 Hrs. 0 Mins.

Test after acid or shot 728.64 BOPD

Based on 273.24 bbls. Oil in 9 Hrs. 0 Mins.

Gas Well Potential

Size choke in inches 1"

Date first oil run to tanks or gas to Transmission system: May 19, 1954

Transporter taking Oil or Gas: Service Pipe Line Co.

660' from N & E

Casing and Cementing Record
Size Feet Sax

13 3/8	258	300
9 5/8	4755	2170
7 5/8	3500	770
5 1/2	12,161	300

Remarks:

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

Approved: _____, 19

Jake L. Hannon
(Company or Operator)

By: *J. M. Stanley*
(Signature)

Title: Engineer

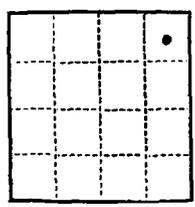
Send Communications regarding well to:

Name: Jake L. Hannon

Address: Box 4162, Odessa, Texas

By: *J. G. Stanley*
Title: _____

Form 9-331a (Feb. 1951)



(SUBMIT IN TRIPLICATE)
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office N. M.
Lease No. 0775
Unit _____

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

W. T. J. _____ October 23, 1953

Well No. 1 is located 660 ft. from N line and 660 ft. from E line of sec. 13
NE/4 Section 13 17-3 38-3 103° +
 (1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat Lee New Mexico
 (Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is Not yet determined. ft. Ground level = 3682.0'

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

This well to be drilled to 13,000' or the Devonian formation at a lesser depth. The proposed casing & cementing program is as follows:

- 17" hole 13-1/8" 40# csg. 260', circulate cement
- 12 1/2" hole 9-5/8" 36 # 40# csg 4750', 500 sx + 42 gal
- 7-7/8" hole 5 1/2" 17 # 20# csg total depth, 600 sx + 34 gal

Well to be drilled by National 100 Motor Rotary Rig or equivalent.

(See attached sheet)

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Jako L. Hansen
 Address Box 4162
Odessa, Texas
 By [Signature]
 Title engineer

Anticipated Formation Tops:

Anhydrite	2100'	Pennsylvanian	10,515'
Clearfork	7175'	Mississippian	11,040'
Wolfcamp	10,140'	Devonian	12,357'

Anticipated possibilities for formations containing oil and gas:

Blairsville	6400'	Mississippian (Upper)	11,040'
Wichita-Albany	9200'	Mississippian (Lower)	11,590'
Wolfcamp	10,140'	Devonian	12,357'
Pennsylvanian	10,515'		

Possible drillstem tests:

6400'	11,040'
9200'	11,590'
10,140'	12,357'
10,515'	

Provided commercial production is found, the probable method of completion will be to set casing into or through the producing horizon and perforate the casing for production.

An electrical log will be run before the production string is set from the bottom of the intermediate string to total depth.

Data prepared by: H.N. Sweeney
 Affiliation: Independent Geologist
 Date: 5-1-56

Field Name: Knowles, South (Devonian)
 Location: Tps. 17 S., Rs. 38, 39 E.
 County & State: Lea County, New Mexico

DISCOVERY WELL: Hamon and Warren #1 Federal Davis COMPLETION DATE: 5-19-54
 PAY ZONE: Devonian. At approximate depth of 12,140 feet, production is from fractured and vuggy, medium crystalline white dolomite. Pay thickness ranges from 25 to 90 feet.

TYPICAL CORE ANALYSIS OF A PAY INTERVAL IN THIS FIELD:

Perm. in millidarcys		% Porosity	Liquid Saturation (% of pore space)	
Horizontal	Vertical		Water	Oil
26	7.4	4	45.9	9

OTHER SHOWS ENCOUNTERED IN THIS FIELD: None

TRAP TYPE: Asymmetrical anticlinal fold
 NATURE OF OIL: Gravity 43.8° A.P.I.
 NATURE OF GAS: 5.5 gallons gasoline per 1000 cu. ft. Semi-sour.
 NATURE OF PRODUCING ZONE WATER: Resistivity: ohm-meters @ °F.

ppm	Total Solids	Na/K	Ca	Mg	Fe	SO ₄	Cl	CO ₂	HCO ₃	OH	H ₂ S
	90,150	4,200	2,454			1,950	27,600	540			

INITIAL FIELD PRESSURE: 4,860 psi. at a depth of 8,309 feet below sea level.
 TYPE OF DRIVE: Water drive.
 NORMAL COMPLETION PRACTICES: Set casing above porosity and complete from open hole.

PRODUCTION DATA:

No. of wells @ yr. end				Production		No. of wells @ yr. end				Production	
Year	Type	Prod.	Shut in or Abnd.	Oil in barrels Gas in MMCF		Year	Type	Prod.	Shut in or Abnd.	Oil in barrels Gas in MMCF	
				Annual	Cumulative					Annual	Cumulative
1941	oil					1949	oil				
	gas						gas				
1942	oil					1950	oil				
	gas						gas				
1943	oil					1951	oil				
	gas						gas				
1944	oil					1952	oil				
	gas						gas				
1945	oil					1953	oil				
	gas						gas				
1946	oil					1954	oil	6	0	129,545	129,545
	gas						gas				
1947	oil					1955	oil	10	0	444,066	573,611
	gas						gas				
1948	oil					1956*	oil	14	0	192,761	866,372
	gas						gas				

* 1956 Figure is production to 5-1-56.

R 38 E

R 39 E

SINCLAIR

GULF

SHELL

SHELL

ROSE EAVES

ROBERTS

R. HALMES

C. J. ANTRON

P. CARTER

H. E. BARRON

H. E. BARRON

GULF

HAMON

GULF

STANOLIND

NEW MEXICO
TEXAS

-8600

-8500

1-A -8492
12263'

2 -8437
12261'

-8416
12150'

-8465
12239'

HAMON

HAMON

HAMON

HAMON

B. A. COGIE

U. S. A.

-8472
12246'

-8404
12212'

DISCOVERY WELL
8381
12171'

-8439
12557'

-8600

-8400

TYPE LOG

T
17
S

GULF

18 11800'

1st. NAT'L BK.
INDEPENDENCE, MO.

11900'

GARDNER

H. V. BLACK

HOLLOWAY

DAVIS

WILHOIT

MRS. C. E. WITT

HAMON

WILLIAMSON

HAMON

HAMON

-8463
12241'

-8408
12125'

-8418
12195'

12000'

-8500

WARREN

19

12100'

TOP DEVONIAN

PAY

W. C. LAWRENCE

W. C. LAWRENCE

J. N. HOBBS

25

30

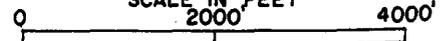
R 38 E



SOUTH KNOWLES FIELD
LEA COUNTY, NEW MEXICO

**STRUCTURAL CONTOURS ON
TOP OF DEVONIAN**

SCALE IN FEET



H. N. SWEENEY

JULY, 1956