STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

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

ADMII	NISTE	CATIVE	ORDER	
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INFILL DRILLING FINDINGS PURSUANT TO SECTION 271.305(b) OF THE FEDERAL ENERGY REGULATORY COMMISSION REGULATIONS, NATURAL GAS POLICY ACT OF 1978 AND OIL CONSERVATION DIVISION ORDER NO. R-6013-A

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Operator .	E.L. L	atham,	Jr. & R	oy G.Bar	rton,	Well Nam	ne and No	Cas	sh Well No.	<u> 2</u>
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(6) That well(s) o			on unit :	is not b	eing e	ffective	ely and e	efficiently	y drained by t	he existing
(7) That	the dr	illing	and comp	pletion o	of the	well fo	r which	a finding	is sought sho	uld result in
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for which	a find	ing is	sought :	is neces:	sary t	o effect	ively an	d efficie		hat the well ortion of the well within the
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P. O. BOX 763 HOBBS, NEW MEXICO 88240

> PHONE NUMBERS 393-2727 - 393-2017



Oil Conservation Division P. O. Box 2088 Santa Fe, New Mexico 87501

Gentlemen:

Application is hereby made under the provision of Order R-6013-A for an infill well as follows:

Applicant: E. L. Latham, Jr. & Roy G. Barton, Jr.

Well: Cash No. 2

Location: 1839' FNL & 519' FEL Section 30, T9S, R33E

Pool: Flying "M" San Andres

Proration Unit: E/2 NE/4 Section 30, T9S, R33E

Existing well on Proration Unit:

Well Name: Cash No. I

Location: 660' FNL & 460' FEL Section 30, T9S, R33E

Spud Date: 2/7/78

Completion Date: 2/27/78 Mechanical Problems: None

Current Rate of Production: May 1980, 18 bbls oil & 38 MCF gas per day

Reason Well Is Necessary to Drain Proration Unit:

Experience gained from offset operators indicate that one well cannot adequately drain 80 acres. The subject proration unit is offset to the east by Gas Producing Enterprises, Inc. (formerly Coastal States Gas Producing Co.) McGuffin wells No. 2 and No. 4. The number 2 well was completed in June 1974 with the W/2 NW/4 of Section 29 being dedicated as a proration unit. The Number 4 was completed as an infill well in May 1976. Total cumulative production from the Number 2 well in May 1976 was 8,019 barrels and at the end of April 1980 was 21,181 barrels. The Number 4 well has produced a total of 124,532 barrels as of May 1, 1980. The Number 2 well produced an average of 11 barrels oil per day prior to the completion of the Number 4 well and an average of 9 barrels oil per day from June 1976 thru April 1980. The Number 4 well has produced an average of 85 barrels oil per day from completion thru April 1980 and produced 57 barrels per day during April 1980. It is thus obvious that an additional 124,532 barrels of oil has been produced to date that would not otherwise have been recovered. Attached is a graphic presentation of the production from the Number 2 well and the total unit production after completion of the Number 4 well.

The North offsetting 80+ acre proration unit is the E/2 56/4 of Section 19, T95, R33E with production from the Southern Union Exploration Company, Susco State No. 1 and No. 5. The Number 1 well was completed in July 1977 and the Number 5 well was completed as an infill well in October 1978. Cumulative production from the Number 1 well from July 1977 thru September 1978 was 35,522 barrels for a daily average of 78 barrels per day; total production from October 1978 thru April 1980 was 29,090 barrels for a daily average of 50 barrels per day. The Susco State No. 5 has produced a total of 26,015 barrels per day. The Susco State No. 5 has produced a total of 26,015 barrels thru April 1980 for a daily average of 45 barrels per day. Again it is evident that an infill well was necessary to drain the proration unit.

Estimated Increased Recovery:

Total cumulative production of the Cash No. 1 thru June 1980 is 23,552 barrels, with an estimated additional recovery of 20,300 barrels. It is believed that an infill well will produce an equal amount of old that would not otherwise be recovered. This assumption is based on the additional recovery of the infill wells to the north and east and its structural location which would indicate an equal productivity to the Cash No. 1.

Yours very truly,

OIL REPORTS AND CAS SERVICES. INC.

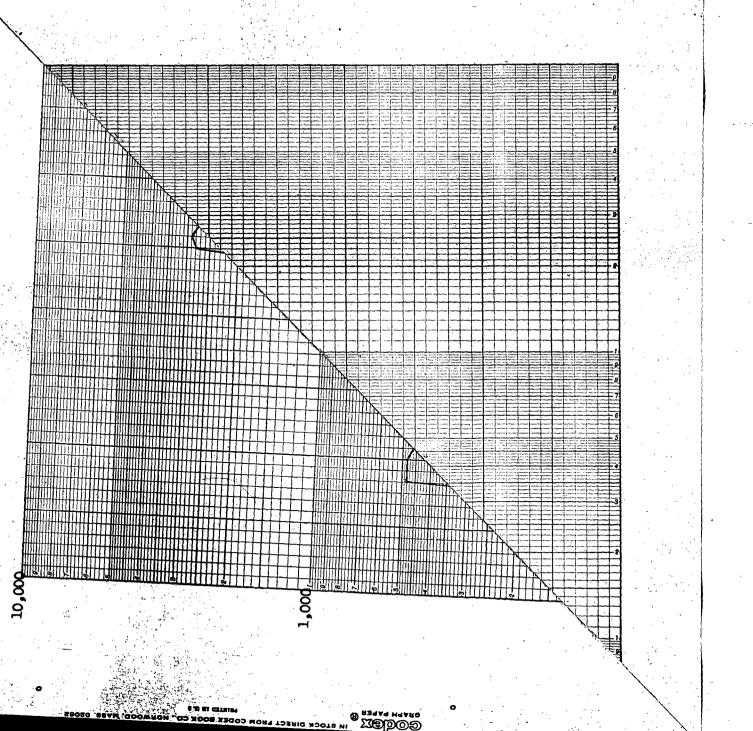
(Mrs.) Donna Holler

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b. Type of Well		is a Time so		TIPLE [8. Form or 1 Cas	ease Name
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P.O. Box 139	2, Hobbs, New	Mexico 88240				ng "M" (SA)
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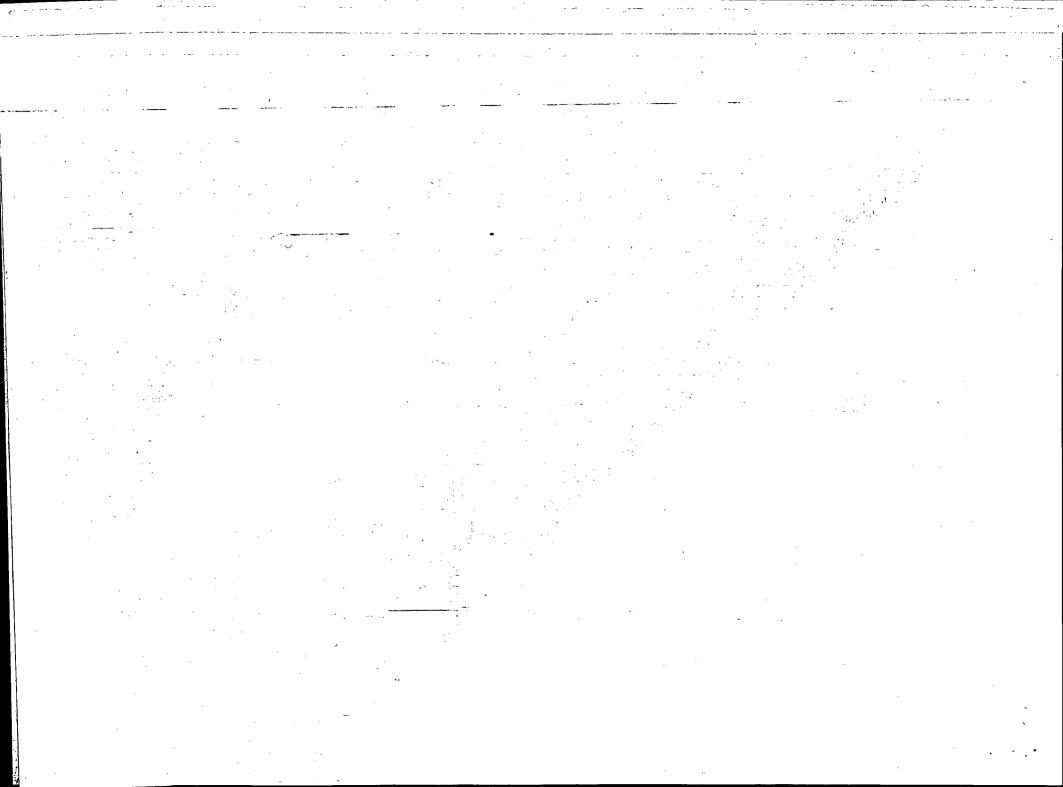
WELL LOCATION AND ACREAGE DEDICATION PLAT

Effective 1-1-62

Well No. E.L. Latham, Jr., & Roy G. Barton, Jr. Cash Section County 9 South 33 East Actual Footage Location of Well: feet from the line and East Ground Level Elev. Producing Formation Dedicated Acreage: San Andres Flying "M" (SA) 4363.5 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? If answer is "yes," type of consolidation If answer is "no," list the owners and tract descriptions which have actually been consolidated. (I se reverse side of this form if necessary.). No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission. CERTIFICATION I hereby certify that the information con-E. L. Latham, Jr. Operator Latham & Barton March 4, 1980 own on this plat was platted from field notes of actual surveys made by me ar knowledge and belief <u> March 4, 1980</u> 6668 1 500 330 660 1320 1680 1980 2310 2000 Ronald J. Eidson



SHITING CLEER HELIO MOLING.



LEA CO.

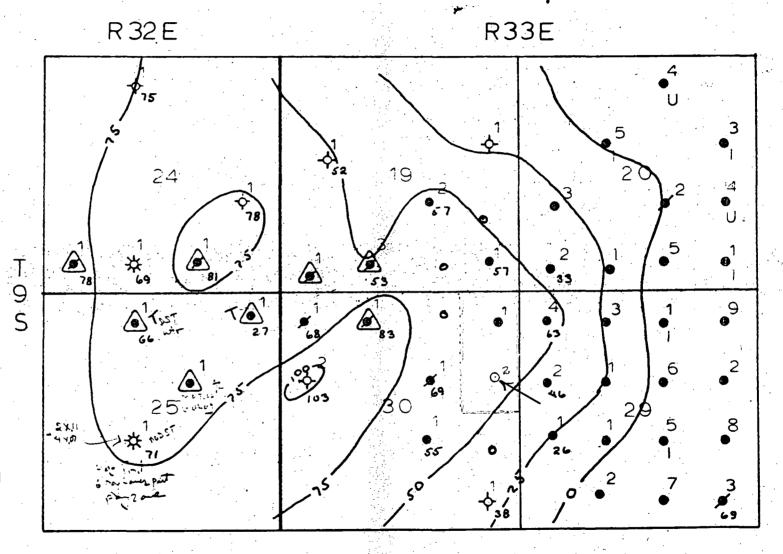
FLYING M

STRUCTURE

TOP 7% POROSITY

- · LOCATION
- INJECTION WELL
- SAN ANDRES PAY
- ABD, WOLFCAMP

DEC 77 JACK AHLEN



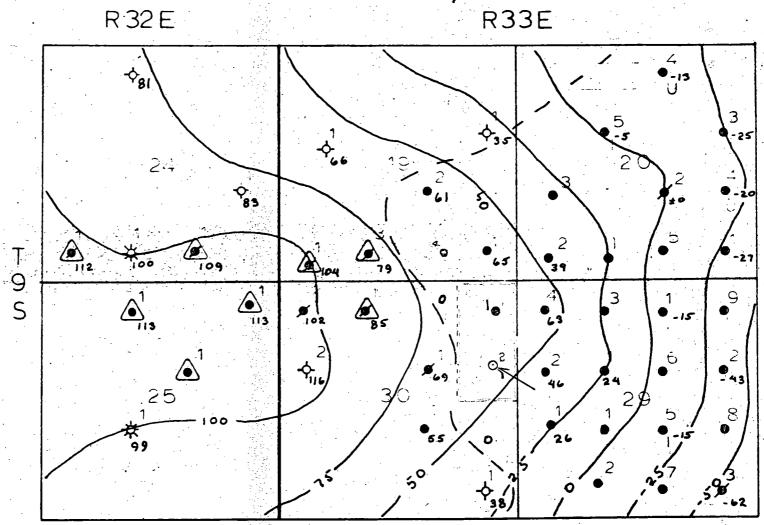
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FLYING M STRUCTURE

TOP POROSITY

- LOCATION
- INJECTION WELL
- SAN ANDRES PAY
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P. O. BOX 763 HOBBS, NEW MEXICO 88240

> PHONE NUMBERS 393-2727 - 393-2017

July 15, 1980

Hulen H. Lemon P. O. Box 485 Midland, Texas 79701

Gentlemen:

This is to advise that an application has been filed with the Oil Conservation Division on behalf of E. L. Latham, Jr. & Roy G. Barton, Jr. for an infill well under the provisions of Order R-6013-A.

The well will be known as the Cash No. 2, located 1839 FNL & 519 FEL of Section 30, T9S, R33E, Lea County, New Mexico, Flying "M" San Andres Pool.

Yours very truly,

OIL REPORTS AND GAS SERVICES, INC.

(Mrs.) Donna Holler

Oil Reports and Gas Services, Inc. P. O. BOX 763 HOBBS, NEW MEXICO 88240 PHONE NUMBERS 393-2727 393-2017 July 15, 1980 Arco Oil and Gas Company P. O. Box 1710 Hobbs, New Mexico 88240 Gentlemen: This is to advise that an application has been filed with the Oil Conservation Division on behalf of E. L. Latham, Jr. & Roy G. Barton, Jr. for an infill well under the provisions of Order R-6013-A. The well will be known as the Cash No. 2, located 1839' FNL &~519 ' FEL of Section 30, T9S, R33E, Lea County, New Mexico, Flying "M" San Andres Pool. Yours very truly, OIL REPORTS AND GAS SERVICES, INC. DH/cj

Oil Reports and Gas Services, Inc. P. O. BOX 763 HOBBS, NEW MEXICO 88240 PHONE NUMBERS 393-2727 393-2017 July 15, 1980 Adams Exploration Company 410 West Ohio, Suite 202 Midland, Texas 79701 Gentlemen: This is to advise that an application has been filed with the Oil Conservation Division on behalf of E. L. Latham, Jr. & Roy G. Barton, Jr. for an infi 1 well under the provisions of Order R-6013-A. The well will be known as the Cash No. 2, located 1839' FNL & 519' FEL of Section 30, T9S, R33E, Lea County, New Mexico, Flying "M" San Andres Pool. Yours very truly, OIL REPORTS AND GAS SERVICES, INC. DH/cj

Oil Reports and Gas Services, Inc. P. O. BOX 763 HOBBS, NEW MEXICO 88240 PHONE NUMBERS 393 2727 - 393 2017 July 15, 1980 Southern Union Exploration Company 1800 First International Building Dallas, Texas 75270 Gentlemen: This is to advise that an application has been filed with the Oil Conservation Division on behalf of E. L. Latham, Jr. & Roy G. Barton, Jr. for an infill well under the provisions of Order R-6013-A. The well will be known as the Cash No. 2, located 1839' FNL & 519' FEL of Section 30, T9S, R33E, Lea County, New Mexico, Flying "M" San Andres Pool. Yours very truly, OIL REPORTS AND GAS SERVICES, INC. (Mrs.) Donna Holler DH/cj

Oil Reports and Gas Services, Inc. P. O. BOX 763 HOBBS. NEW MEXICO 88240 July 15, 1980

PHONE NUMBERS , 393-2727 393-2017

Gas Producing Enterprises, Inc. P. O. Box 235 Midland, Texas 79702

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Yours very truly,

OIL REPORTS AND GAS SERVICES, INC.

(Mrs.) Donna Holler

P. O. BÓX 763 HOBBS, NEW MEXICO 88240

> PHONE NUMBERS 393-2727 - 393-2017

July, 15, 1980

Oil Conservation Division P. O. Box 2088
Santa Fe. New Mexico 87501

Gentlemen:

Application is hereby made under the provision of Order R-6013-A for an infill well as follows:

Applicant: E. L. Latham, Jr. & Roy G. Barton, Jr.

Well: Cash No. 2

Location: 1839' FNL & 519' FEL Section 30, T9S, R33E

Pool: Flying "M" San Andres

Proration Unit: E/2 NE/4 Section 30, T9S, R33E

Existing well on Proration Unit:

Well Name: Cash No. 1

Location: 660' FNL & 460' FEL Section 30, T9S, R33E

Spud Date: 2/7/78

Completion Date: 2/27/78 Mechanical Problems: None

Current Rate of Production: May 1980, 18 bbls oil & 38 MCF gas per day

Reason Well Is Necessary to Drain Proration Unit:

Experience gained from offset operators indicate that one well cannot adequately drain 80 acres. The subject proration unit is offset to the east by Gas Producing Enterprises, Inc. (formerly Coastal States Gas Producing Co.) McGuffin wells No. 2 and No. 4. The number 2 well was completed in June 1974 with the W/2 NW/4 of Section 29 being dedicated as a proration unit. The Number 4 was completed as an infill well in May 1976. Total cumulative production from the Number 2 well in May 1976 was 8,019 barrels and at the end of April 1980 was 21,181 barrels. The Number 4 well has produced a total of 124,532 barrels as of May I, 1980. The Number 2 well produced an average of 11 barrels oil per day prior to the completion of the Number 4 well and an average of 9 barrels oil per day from June 1976 thru April 1980. The Number 4 well has produced an average of 85 barrels oil per day from completion thru April 1980 and produced 57 barrels per day during April 1980. It is thus obvious that an additional 124,532 barrels of oil has been produced to date that would not otherwise have been recovered. Attached is a graphic presentation of the production from the Number 2 well and the total unit production after completion of the Number 4 well.

The North offsetting 80- acre proration unit is the E/2 SW/4 of Section 19, T9S, R33E with production from the Southern Union Exploration Company, Susco State No. 1 and No. 5. The Number 1 well was completed in July 1977 and the Number 5 well was completed as an infill well in October 1978. Cumulative production from the Number 1 well from July 1977 thru September 1978 was 35,522 barrels for a daily average of 78 barrels per day; total production from October 1978 thru April 1980 was 29,090 barrels for a daily average of 50 barrels per day. The Susco State No. 5 has produced a total of 26,015 barrels thru April 1980 for a daily average of 45 barrels per day. Again it is evident that an infill well was necessary to drain the proration unit.

Estimated Increased Recovery:

Total cumulative production of the Cash No. 1 thru June 1980 is 23,552 barrels, with an estimated additional recovery of 20,300 barrels. It is believed that an infill well will produce an equal amount of oil that would not otherwise be recovered. This assumption is based on the additional recovery of the infill wells to the north and east and its structural location which would indicate an equal productivity to the Cash No. 1.

Yours very truly,

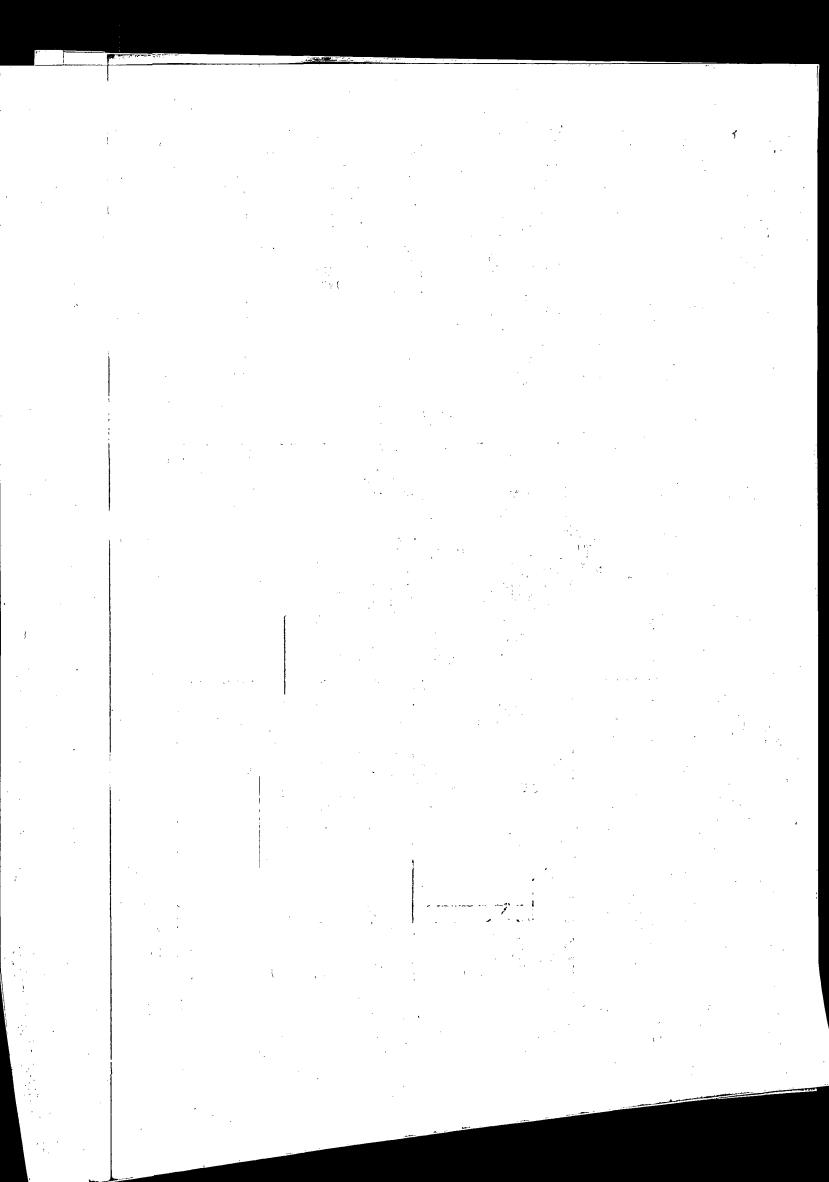
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Title Operator

WELL LOCATION AND ACREAGE DEDICATION PLAT Effective 1-1-65 Well No. E.L. Latham, Jr., & Roy G. Barton, Jr. Cash 2. .. Section Unit Letter Ronge 9 South 33 East Actual Factage Location of Well: leet from the North line and feet Imm the Ground Lovel Elev. Producing Formation Dedicated Acreage: San Andres Flying "M" (SA) 4363.5 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? If answer is "yes," type of consolidation Yes If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.). No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission. CERTIFICATION I hereby certify that the information con-Ø. E. L. Latham, Jr. Operator 2 0-519-Latham & Barton March 4, 1980 I heraby certify that the well location shown on this plat was plotted from field March 4, 1980 1800 660 1320 1680 1980 2310 2640 2000 1000 Ronald J. Eidson



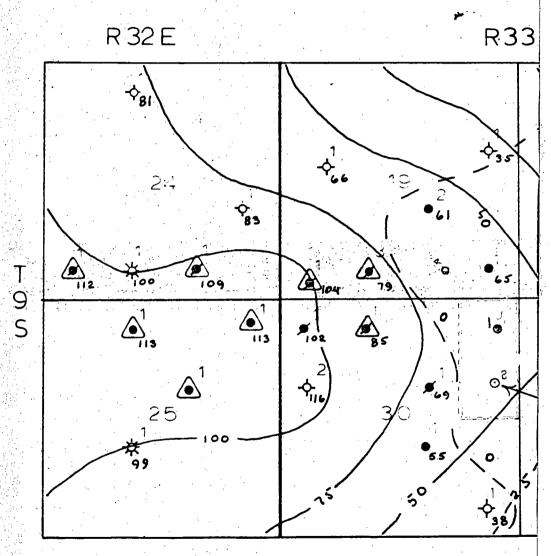
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- INVECTION WELL
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P. O. BOX 763 HOBBS, NEW MEXICO 88240

> PHONE NUMBERS 393-2727 393-2017

July 15, 1980

Hulen H. Lemon P. O. Box 485 Midland, Texas 79701

Gentlemen:

This is to advise that an application has been filed with the Oil Conservation Division on behalf of E. L. Latham, Jr. & Roy G. Barton, Jr. for an infill well under the provisions of Order R-6013-A.

The well will be known as the Cash No. 2, located 1839' FNL & 519' FEL of Section 30, T9S, R33E, Lea County, New Mexico, Flying "M" San Andres Pool.

Yours very truly,

OIL REPORTS AND GAS SERVICES, INC.

(Mrs.) Donna Holler

Oil Reports and Gas Services, Inc. P. O. BOX 763 HOBBS, NEW MEXICO 88240 PHONE NUMBERS 393-2727 - 393-2017 July 15, 1980 Arco Oil and Gas Company P. O. Box 1710 Hobbs, New Mexico 88240 Gentlemen: This is to advise that an application has been filed with the Oil Conservation Division on behalf of E. L. Latham, Jr. & Roy G. Barton, Jr. for an infill well under the provisions of Order R-6013-A. The well will be known as the Cash No. 2, located 1839 FNL & 519 FEL of Section 30, T9S, R33E, Lea County, New Mexico, Flying "M" San Andres Pool. Yours very truly, OIL REPORTS AND GAS SERVICES, INC. DH/cj

and the second Oil Reports and Gas Services, Inc. P. O. BOX 763 HOBBS, NEW MEXICO 88240 PHONE NUMBERS 393-2727 - 393-2017 July 15, 1980 Adams Exploration Company 410 West Ohio, Suite 202 Midland, Texas 79701 Gentlemen: This is to advise that an application has been filed with the Oil Conservation Division on behalf of E. L. Latham, Jr. & Roy G. Barton, Jr. for an infi 1 well under the provisions of Order R-6013-A. The well will be known as the Cash No. 2, located 1839' FNL & 519' FEL of Section 30, T9S, R33E, Lea County, New Mexico, Flying "M" San Andres Pool. Yours very truly, OIL REPORTS AND GAS SERVICES, INC. Mrs.) Donna Holler DH/cj

P. O. BOX 763 HOBBS: NEW MEXICO 88240

> PHONE NUMBERS 393-2727 - 393-2017

July 15, 1980

Southern Union Exploration Company 1800 First International Building Dallas, Texas 75270

Gentlemen:

This is to advise that an application has been filed with the Oil Conservation Division on behalf of E. L. Latham, Jr. & Roy G. Barton, Jr. for an infill well under the provisions of Order R-6013-A.

The well will be known as the Cash No. 2, located 1839' FNL & 519' FEL of Section 30, T9S, R33E, Lea County, New Mexico, Flying "M" San Andres Pool.

Yours very truly,

OIL REPORTS AND GAS SERVICES, INC.

(Mrs.) Donna Holler

P. O. BOX 763 HOBBS. NEW MEXICO 88240

> PHONE NUMBERS 393-2727 - 393-2017

July 15, 1980

Gas Producing Enterprises, Inc. P. O. Box 235 Midland, Texas 79702

Gentlemen:

This is to advise that an application has been filed with the Oil Conservation Division on behalf of E. L. Latham, Jr. & Roy G. Barton, Jr. for an infill well under the provisions of Order R-6013-A.

The well will be known as the Cash No. 2, located 1839 FNL & 519 FEL of Section 30, T9S, R33E, Lea County, New Mexico, Flying "M" San Andres Pool.

Yours very truly,

OIL REPORTS AND GAS SERVICES, INC.

(Mrs.) Donna Holler

P 0 BOX 763 HOBBS. NEW MEXICO 88240

> PHONE NUMBERS 393 2727 - 393 2017

July 15, 1980

Oil Conservation Division P. O. Box 2088 Santa Fe, New Mexico 87501

Gentlemen:

Application is hereby made under the provision of Order R-6013-A for an infill well as follows:

Applicant: E. L. Latham, Jr. & Roy G. Barton, Jr.

Well: Cash No. 2

Location: 1839' FNL & 519' FEL Section 30, T9S, R33E

Pool: Flying "M" San Andres

Proration Unit: E/2 NE/4 Section 30, T9S, R33E

Existing well on Proration Unit:

Well Name: Cash No. 1

Location: 660' FNL & 460' FEL Section 30, T9S, R33E

Spud Date: 2/7/78

Completion Date: 2/27/78 Mechanical Problems: None

Current Rate of Production: May 1980, 18 bbls oil & 38 MCF gas per day

Reason Well Is Necessary to Drain Proration Unit:

Experience gained from offset operators indicate that one well cannot adequately drain 80 acres. The subject proration unit is offset to the east by Gas Producing Enterprises, Inc. (formerly Coastal States Gas Producing Co.) McGuffin wells No. 2 and No. 4. The number 2 well was completed in June 1974 with the W/2 NW/4 of Section 29 being dedicated as a proration unit. The Number 4 was completed as an infill well in May 1976. Total cumulative production from the Number 2 well in May 1976 was 8,019 barrels and at the end of April 1980 was 21,181 barrels. The Number 4 well has produced a total of 124,532 barrels as of May 1, 1980. The Number 2 well produced an average of 11 barrels oil per day prior to the completion of the Number 4 well and an average of 9 barrels oil per day from June 1976 thru April 1980. The Number 4 well has produced an average of 85 barrels oil per day from completion thru April 1980 and produced 57 barrels per day during April 1980. It is thus obvious that an additional 124,532 barrels of oil has been produced to date that would not otherwise have been recovered. Attached is a graphic presentation of the production from the Number 2 well and the total unit production after completion of the Number 4 well.

The North offsetting 80- acre proration unit is the E/2 Sa/4 of Section 19, T9S, R33E with production from the Southern Union Exploration Company, Susco State No. 1 and No. 5. The Number 1 well was completed in July 1977 and the Number 5 well was completed as an infill well in October 1978. Cumulative production from the Number 1 well from July 1977 thru September 1978 was 35,522 barrels for a daily average of 78 barrels per day; total production from October 1978 thru April 1980 was 29,090 barrels for a daily average of 50 barrels per day. The Susco State No. 5 has produced a total of 26,015 barrels thru April 1980 for a daily average of 45 barrels per day. Again it is evident that an infill well was necessary to drain the proration unit.

Estimated Increased Recovery:

Total cumulative production of the Cash No. 1 thru June 1980 is 23,552 barrels, with an estimated additional recovery of 20,300 barrels. It is believed that an infill well will produce an equal amount of oil that would not otherwise be recovered. This assumption is based on the additional recovery of the infill wells to the north and east and its structural location which would indicate an equal productivity to the Cash No. 1.

Yours very truly,

OIL REPORTS AND GAS SERVICES, INC.

(Mrs.) Donna Holler

DH/ci

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P.O. Box 139	2, Hobbs, New	Mexico 88240	•	• [Flyi	ng "M" (SA)
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WELL LOCATION AND ACREAGE DEDICATION PLAT

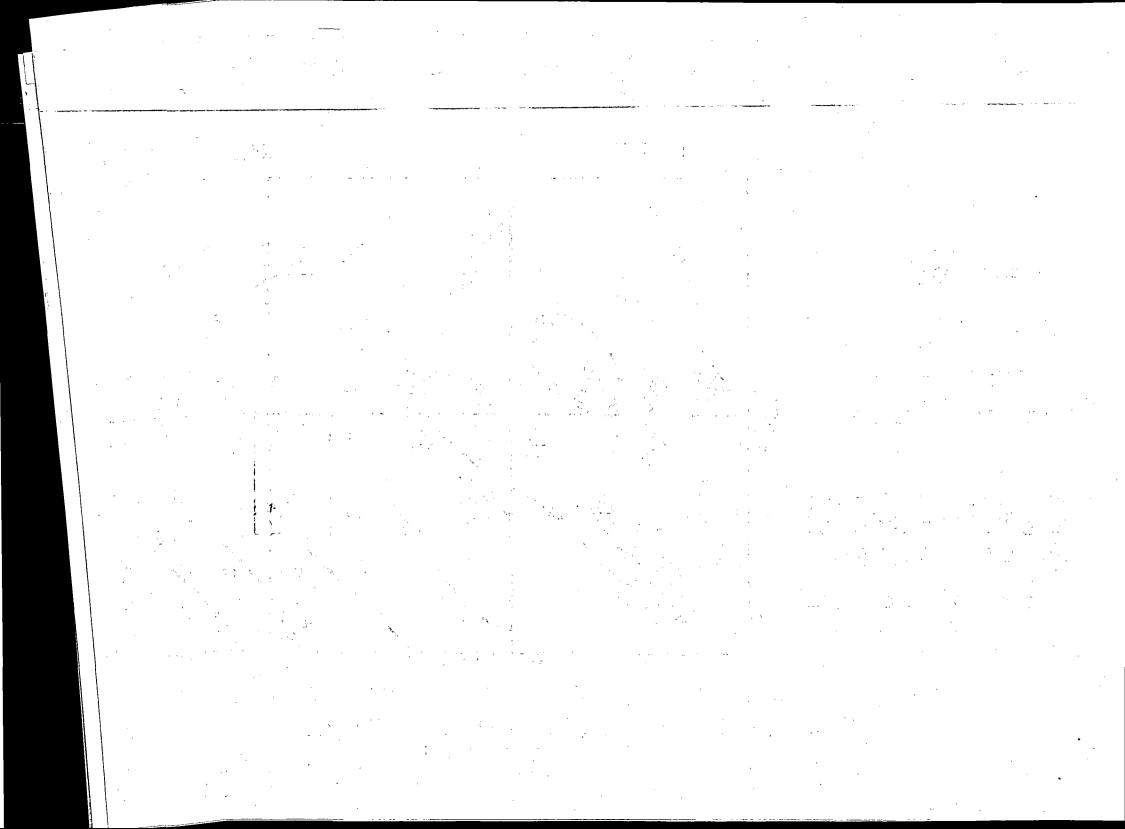
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March 4,1980

JOHN W. WEST PATRICK A ROMERO Rongld J. Eidson

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MB X 9 9-INCH CYCLES RATIO RULING



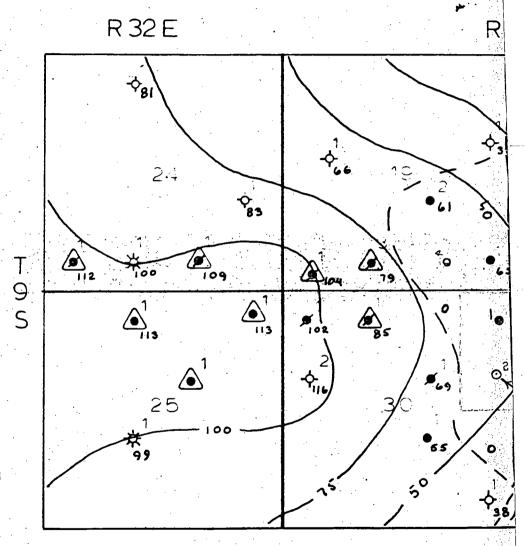
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Oil Reports and Gas Services, Inc.
P. 0. BOX 763
HOBBS. NEW MEXICO 88240

PHONE NUMBERS 393-2727 393-2017

July 15, 1980

Hulen H. Lemon P. O. Box 485 Midland, Texas 79701

Gentlemen:

This is to advise that an application has been filed with the Oil Conservation Division on behalf of E. L. Latham, Jr. & Roy G. Barton, Jr. for an infill well under the provisions of Order R-6013-A.

The well will be known as the Cash No. 2, located 1839' FNL & 519' FEL of Section 30, T9S, R33E, Lea County, New Mexico, Flying "M" San Andres Pool.

Yours very truly,

OIL REPORTS AND GAS SERVICES, INC.

Mrs.) Donna Holler

Oil Reports and Gas Services, Inc. P. O. BOX 763 HOBBS. NEW MEXICO 88240 PHONE NUMBERS 393-2727 - 393-2017 July 15, 1980 Arco Oil and Gas Company P. O. Box 1710 Hobbs, New Mexico 88240 Gentlemen: This is to advise that an application has been filed with the Oil Conservation Division on behalf of E. L. Latham, Jr. & Roy G. Barton, Jr. for an infill well under the provisions of Order R-6013-A. The well will be known as the Cash No. 2, located 1839' FNL & 519' FEL of Section 30, T9S, R33E, Lea County, New Mexico, Flying "M" San Andres Pool. Yours very truly, OIL REPORTS AND GAS SERVICES, INC. DH/c]

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Adams Exploration Company 410 West Ohio, Suite 202 Midland, Texas 79701

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Oil Reports and Gas Services, Inc. P. O. BOX 763 HOBBS. NEW MEXICO 88240 PHONE NUMBERS 393-2727 393-2017 July 15, 1980 Southern Union Exploration Company 1800 First International Building Dallas, Texas 75270 Gentlemen: This is to advise that an application has been filed with the Oil Conservation Division on behalf of E. L. Latham, Jr. & Roy G. Barton, Jr. for an infill well under the provisions of Order R-6013-A. The well will be known as the Cash No. 2, located 1839' FNL & 519' FEL of Section 30, T9S, R33E, Lea County, New Mexico, Flying "M" San Andres Pool. Yours very truly, OIL REPORTS AND GAS SERVICES, INC. (Mrs.) Donna Holler DH/cj

Oil Reports and Gas Services, Inc. P. O. BOX 763 HOBBS. NEW MEXICO 88240 PHONE NUMBERS 393-2727 393-2017 July 15, 1980 Gas Producing Enterprises, Inc. P. O. Box 235

Midland, Texas 79702

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P. O. BOX 763 HOBBS, NEW MEXICO 88240

> PHONE NUMBERS 393-2727 - 393-2017

June 18, 198 ECEIVED
JUL 2 1 1980

Oil Conservation Division P. O. Box 2088 Santa Fe, New Mexico 87501 OIL CONSERVATION DIVISION SANTA FE

Gentlemen:

Reference is made our application dated July 15, 1980 on behalf of E. L. Latham, Jr. & Roy G. Barton, Jr. for an infill well to be known as the Cash No. 2. This application failed to include an estimate of increased gas recovery.

Please accept this as a supplement to this application.

The Cash No. 1 has shown an increase in gas-oil-ratio from 1106 cubic feet per barrel in 1978 to 1769 cubic feet per barrel for the first five months of 1980, an average operating gas-oil-ratio of 1929. Cubic feet per barrel since completion. The gas-oil-ratio of the McGuffin No. 2, an east offset to the proposed location, has increased from 384 in 1974 to 912 in 1980 and the McGuffin No. 4 gas-oil-ratio has increased from 598 in 1976 to 911 in 1980. From this we can conclude that the Cash No. 1 gas-oil-ratio will continue to increase over the remaining life of the well and give us an estimated additional recovery of 50,750 MFG gas.

If we assume that the gas-oil-ratio of the proposed Cash No. 2 is more on the order of the McGuffin wells, then we can estimate the probable lower limits of the total gas to be produced at 30,400 MCF to a high of 80,500 MCF during the life of the well.

We thus conclude that the proposed Cash No. 2 will recover a minimum of 43,800 barrels of oil and between 30,400 and 80,500 MCF gas that would not otherwise be recovered.

Yours very truly,

OIL REPORTS & GAS SERVICES, INC.

Donna Holler

P.O. BOX 763

HOBBS, NEW MEXICO 88240

PHONE NUMBERS 393-2727 - 393-2017

June 18, 1980

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Worse Jales Donna Holler

DH/gh

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

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

ADM 1	INISTRATIVE	ORDER
NFL	20	

INFILL DRILLING FINDINGS PURSUANT TO SECTION 271.305(b) OF THE FEDERAL ENERGY REGULATORY COMMISSION REGULATIONS, NATURAL GAS POLICY ACT OF 1978 AND OIL CONSERVATION DIVISION ORDER NO. R-6013-A

1. 000000 EL 18 1 e 2 C B de Turn ou C e / 712//1/2
Operator E. L. Lutham Jr. & Roy Gr. Borron Jr. Well Name and No. Cash Well No Z. Location: Unit H Sec. 30 Twp. 95 Rng. 33 E Cty. Leas
Location: Unit H Sec. 30 Twp. 95 Rng. 33 E Cty. Leas
II.
THE DIVISION FINDS:
(1) That Section 271.305(b) of the Federal Energy Regulatory Commission Regulations promulgated pursuant to the Natural Gas Policy Act of 1978 provides that, in order for an infill well to qualify as a new onshore production well under Section 103 of said Act, the Division must find that the infill well is necessary to effectively and efficiently drain a portion of the reservoir covered by the proration unit which cannot be so drained by any existing well within that unit.
(2) That by Order No. R-6013-A, dated February 8, 1980, the Division established an administrative procedure whereby the Division Director and the Division Examiners are empowered to act for the Division and find that an infill well is necessary.
(3) That the well for which a finding is sought is to be completed in the Flying M-San Andres
Pool, and the standard spacing unit in said pool is 80 acres.
(4) That a 80 -acre proration unit comprising the $\frac{\mathcal{E}/2}{2} \frac{N\mathcal{E}/4}{2}$
of Sec. 30, Twp. 95, Rng. 33 &, is currently dedicated to the Cash Well
$\frac{N \sigma /}{}$ located in Unit $\frac{17}{}$ of said section.
(5) That this proration unit is (X) standard () nonstandard; if nonstandard, said unit was previously approved by Order No.
(6) That said proration unit is not being effectively and efficiently drained by the existing well(s) on the unit.
(7) That the drilling and completion of the well for which a finding is sought should result in
the production of an additional 30,400 MCF of gas from the proration unit which would not otherwise be recovered.
(8) That all the requirements of Order No. R-6013-A have been complied with, and that the well for which a finding is sought is necessary to effectively and efficiently drain a portion of the reservoir covered by said proration unit which cannot be so drained by any existing well within the unit.
(9) That in order to permit effective and efficient drainage of said proration unit, the subject application should be approved.
IT IS THEREFORE ORDERED:
(1) That the applicant is hereby authorized to drill the well described in Section I above as an infill well on the existing proration unit described in Section II(4) above. The authorization for infill drilling granted by this order is necessary to permit the drainage of a portion of the reservoir covered by said proration unit which cannot be effectively and efficiently drained by any existing well thereon.
(2) That jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.
DONE at Santa Fe, New Mexico, on this 3 day of 14g, 1980.
,
DIVISION DIRECTOR EXAMINER