CASE 5536: PETROLEUM DEVELOPMENT CORP.
FOR A DUAL COMPLETION, LEA COUNTY,
NEW MEXICO

CASE NO.

5536

APPlication,
Transcripts,
Small Exhibits,

ETC.

OIL CONSERVATION COMMISSION

STATE OF NEW MEXICO P. O. BOX 2088 - SANTA FE

87501

September 9, 1975

Walter R. Kegel 1321 Paseo De Peralta	ORDER NO. R-5084
Santa Fe, New Mexico	Applicant:
	Petroleum Development C
Dear Sir:	
	copies of the above-referenced entered in the subject case.
Yours very truly,	
JOE D. RAMEY Secretary-Director	
JDR/fd	
Copy of order also sent to:	
Hobbs OCC X Artesia OCC	
Aztec OCC Other	

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. 5536 Order No. R-5084

APPLICATION OF PETROLEUM DEVELOPMENT CORPORATION FOR A DUAL COMPLETION, LEA COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on August 27, 1975, at Santa Fe, New Mexico, before Examiner Richard L. Stamets.

NOW, on this 9th day of September, 1975, 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 the applicant, Petroleum Development Corporation, seeks authority to complete its McKay-West Federal Well No. 1, located in Unit F of Section 34, Township 18 South, Range 32 East, NMPM, Lea County, New Mexico, as a dual completion (conventional) to produce oil from the Bone Spring formation and gas from the Morrow formation through parallel strings of tubing with separation of the zones by means of a packer set at approximately 12,636 feet.
- (3) That the mechanics of the proposed dual completion are feasible and in accord with good conservation practices.
- (4) That approval of the subject application will prevent waste and protect correlative rights.

IT IS THEREFORE ORDERED:

(1) That the applicant, Petroleum Development Corporation, is hereby authorized to complete its McKay-West Federal Well No. 1, located in Unit F of Section 34, Township 18 South, Range 32 East, NMPM, Lea County, New Mexico, as a dual completion (conventional) to produce oil from the Bone Spring formation and gas from the Morrow formation through parallel strings

-2-Case No. 5536 Order No. R-5084

of tubing with separation of the zones achieved by a packer set at approximately 12,636 feet.

PROVIDED HOWEVER, that the applicant shall complete, operate, and produce said well in accordance with the provisions of Rule 112-A of the Commission Rules and Regulations insofar as said rule is not inconsistent with this order;

PROVIDED FURTHER, that the applicant shall take packerleakage tests upon completion and annually thereafter during the Annual Shut-In Pressure Test Period for gas pools in Southeastern New Mexico.

(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 hereinabove designated.

> STATE OF NEW MEXICO OIL CONSERVATION COMMISSION

PHIL R. LUCERO, Chairpan

EMERY C. ARNOLD. Member

JOE D. RAMEY, Member & Secretary

SBAL

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:

Order No. R-5084

APPLICATION OF PETROLEUM DEVELOPMENT CORRORATION FOR A DUAL COMPLETION, LEA COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on August 27, , 1975, at Santa Fe, New Mexico, before Examiner Richard L. Stamets

NOW, on this day of September , 1975, 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 the applicant, Petroleum Development Corporation, seeks authority to complete its McKay-West Federal

 Well No. 1 , located in Unit F of Section 34 , Township

 South East
 18 MCXACCH' Range 32 WAXXX' NMPM, Lea County, New

 (conventional) oil

 Mexico, as a dual completion (conventional) to produce mass (stabingless)

 from the Bone Spring formation and gas from the Morrow formation through parallel strings of tubing. 2: 16 separation of the second second
- (3) That the mechanics of the proposed <u>dual</u> completion are feasible and in accord with good conservation practices.

All

(4) That approval of the subject application will prevent waste and protect correlative rights.

TT IS THEREFORE ORDERED:

(1) That the applicant,	Petroleum Development Corporation
is hereby authorized to complete	its McKay-West Federal
Well No. 1 , located in Unit	F of Section 34, Township
South East 18 North Range 32 Wask'	NMPM, Lea County, New
Mexico, as a <u>dual</u> completion	(conventional) oil (conventional) oil (conventional) oil (conventional)
from the Bone Spring formation	
through parallel strings of tub	ingwith separation of
	by a packer set
at approximately 1	2,636 Feet

PROVIDED HOWEVER, that the applicant shall complete, operate, and produce said well in accordance with the provisions of Rule 112-A of the Commission Rules and Regulations insofar as said rule is not inconsistent with this order;

PROVIDED FURTHER, that the applicant shall take packer-leakage tests upon completion and annually thereafter during the Annual Shart-In Pressure Vest this oil Ratio Test Period for the gas pools in Southern Pool.

(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 hereinabove designated.

NEW MEXICO OIL CONSERVATION COMMISSION

<u> </u>	EXAMINER	HEARING		
, 1	SANTA	FE	, NEW	MEXICO

AUGUST 27, 1975 TIME: 9:00 A.M. Hearing Date LOCATION Mea Setreleumo. Mudlan Mesa Petroleum Co. Midland Robert H. Northington Amprillo MZSA PETRO DOUD DENT L.M. CARNES Lolabo Wayne Kim Terrasiolar. Roser Mua + Exxan Jours & Swill Santa 7e Pet. Dev. Co gratter 12 Kent Albuquerque Pet Dev Corp le Johnson Sata Fe Kellah & For Joson Kellahi Sarke Fi. White Kol Kellys the Carty Ken Bateune Molas CITIES SERVICE DIC midlato Citiz Sorvice Oillo. Esperton Hobbi agnow If Showpeson V.T. Lyon MIDLAND HARLEY READIS FXXX John M Baird Norman Reynolds Rosewell

Clarence Hinkle

4			Page	1
	2	NEW MEXICO OIL CO Santa Fe	ORE THE ONSERVATION COMMI ON New Mexico St 27, 1975	SSION
	4	EXAMIN	NER HEARING	
	5	ي بين بين جيد هند هند هند هند هند مند سند مند سند مند هند هند مند مند مند مند مند مند مند مند مند م		
en e	6	IN THE MATTER OF:		
	7 8	Application of Petroleu Corporation for a dual Lea County, New Mexico.	completion,) CASE) 5536)
, 1201	9			-
ng service s service New Mexico 87501 212	10 11	BEFORE: Richard L. Stamets,	Examiner.	
1. repo 22, Smtr (505) 94	12 13 14		PT OF HEARING	
	15	수 있는 사람들이 되었다. 그 사무를 하는 것이 되었다. 그 사람들이 되었다. 사용하는 사람들이 되었다. 그 사무를 하는 것이 되었다.	ARANCES	
825 (16 17	For the New Mexico Oil Conservation Commission:	William F. Car Legal Counsel State Land Off Santa Fe, New	for the Commission ice Building
	18 19	For the Applicant:	Walter R. Kege KEGEL & McCULL 1321 Paseo de Santa Fe, New	OH, P.A. Peralta
	20			
4	22			

1.,

INDEX

	2			•	Page
	3	J. C. JOHNSON			
	4	Direct Examination by M	Mr. Kegel		3
	5	Cross Examination by Mi	r. Stamets	# 1	5
	6			· · · · · · · · · · · · · · · · · · ·	
	7				
	8		EXHIBIT INDEX		
105/4 105/4	9			Page	
Service Wexico 87'	10			Offered Admitte	ed
	11	Exhibit A, Schematic Dr	cawing	3 1	
Teporing	12	Exhibit B, Plat		3 6	
아니까? 아들은다면 아름이 그들은 그는 사람이 나는데 그렇지만 그래?	13	Exhibit C, Letter		3 6	
i L. 4 Sid morrish General Co- Alle-Mejfig, No. 12 Phone	14	Exhibit D, Log		3	
Sid mor	15	Exhibit E, Receipt		3	
\$25	16				
	17				
	18				
	19				
	20				
	21				
	22				
	23				
	24				
	25				hayer or got
					. •
				••	

7

9

10

11

12

13

14

15

16

17

18

19

20

22

23

24

25

MR. STAMETS: We will call the next case, 5536.

MR. CARR: Case 5536, application of Petroleum Development Corporation for a dual completion, Lea County, New Mexico.

MR. KEGEL: 1, . Examiner, I'm Walter Kegel.

MR. STAMETS: You may proceed.

MR. KEGEL: All right, sir. This is the application of Petroleum Development Corporation for a dual completion.

We would offer the exhibits attached to the application and submit to the Commission as Exhibit E copies of our registered return receipts from all of the offset operators and ask that Mr. Johnson be sworn to testify.

(THEREUPON, the witness was duly sworn.)

J. C. JOHNSON

called as a witness, having been first duly sworn, was examined and testified as follows:

DIRECT EXAMINATION

BY MR. KEGEL:

- Q Will you state your name, address and occupation, please?
- A. J. C. Johnson, Albuquerque, New Mexico, Vice President of Petroleum Development Corporation.
 - Q Have you previously testified before the Commission?
 - A. I have.

10

12

13

14

15

16

17

18

19

20

21

22

23

24

25

Explain briefly your application, will you please, Mr. Johnson?

We submitted an application in strict compliance with Rule 1112-A for multiple completion. The cover letter of the application, we've completed the Form C-107, we have submitted an Exhibit A, a schematic drawing of the well showing all of the casing strings, the cement, the top of the cement, centralizers, the packer settings and the strings of tubing that will be used. This dual completion will be used with two strings of two and three-eighths inch EUE tubing with a Baker-Lock set packer set twelve thousand six hundred and thirty-six feet to separate production from the Bone Springs oil zone and the Morrow gas zone.

Also as Exhibit B we have put in a plat which shows the location of the well, and the closest production of the two zones that will be produced. Bone Springs is three miles to the south and the Morrow approximately two and a half miles northeast.

Also as Exhibit C, a letter to the offset operators, furnishing them copies of the application.

And Exhibit D, a density neutron gamma ray log showing the tops of the formations and the zones that are perforated.

MR. KEGEL: We have nothing further, Mr. Framiner.

Sid morrish reporting service General Court Reporting Service 25 Calle Mejla, No. 122, Senta Fe, New Mexico 87501 Phone (404) 987-0717

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

CROSS EXAMINATION

BY MR. STAMETS:

in the Bone Springs and/or Morrow, or is it in a pool?

- A. It's a wild cat.
- Q. In both zones?
- A. Both zones.
- Q I notice on the diagrammatic sketch there is about a five hundred foot interval behind the long string of casing above eleven thousand feet that may not have cement behind it, do you anticipate this being any problem, or any potential there for leakage or has that been adequately tested?

A No, the casing has been tested to fifty-five hundred psi pressure. It's down at the bottom on the sketch, it's tested.

- Q. And is the Bone Springs oil sweet or sour?
- A. It is sweet oil.
- Q Has the packer leakage test been conducted yet?
- A. No, it has not.

MR. STAMETS: Are there other questions of this witness?

Mr. Kegel, I believe you need to submit your exhibits, introduce your exhibits.

MR. KEGEL: All right, sir, I offered the exhibits

attached to the application and Exhibit E.

MR. STAMETS: These exhibits will be admitted.

Anything further?

MR. KEGEL: I don't believe so on this one.

ment.

MR. STAMETS: We will take the case under advise-

_		7	
Page			

State of New Mexico County of Santa Fe

I, SIDNEY F. MORRISH, a court reporter, do hereby certify that the foregoing and attached Transcript of Hearing before the New Mexico Oil Conservation Commission was reported by me, and the same is a true and correct record of the said proceedings to the best of my knowledge, skill and ability.

> Morrish, Court Reporter

by certify that the foregoing 10 complete record of the proceedings

Mexico Oil Conservation Commission

age	 1	

BEFORE THE
NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
August 13, 1975

EXAMINER HEARING

IN THE MATTER OF:

6

8

10

11

12

13

15

16

Application of Petroleum Development Corporation for a dual completion, Lea County, New Mexico. **CASE** 5536

BEFORE: Daniel S. Nutter, Examiner.

TRANSCRIPT OF HEARING

APPEARANCES

For the New Mexico Oil Conservation Commission:

Thomas Derryberry, Esq.
Legal Counsel for the Commission
State Land Office Building
Santa Fe, New Mexico

sid morrish reporting service
General Court Reporting Service
825 Calle Mejia, No. 122. Sat'a He, New Mexico 87501
Phone (505) 982:9212

17 18

20

19

21 22

23

25

		4.4
Page	2	
raue	64	

5536.

MR. DERRYBERRY: Case 5536, application of

3

6

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

Lea County, New Mexico.

Mr. Examiner, the Applicant has requested that this Case be continued until August 27th.

Petroleum Development Corporation for a dual completion,

MR. NUTTER: We will call the next Case, Number

MR. NUTTER: Case Number 5536 will be continued to the Examiner Hearing scheduled to be held at this same place at nine o'clock A.M., August 27, 1975.

sivise guificogor dairiom his

sid morrish reporting service

General Court Reporting Service
Calle Mejia, No. 122. Santa Fe. New Mexico 87501
Phone (505) 982-9212

For the New Conservation Ω

BEFORE:

NEW

IN THE MATTER

Applicat Corporat

Lea Coun

20 21

- 18

19

10

61

22 23

24

25

Page	}

sid morrish reporting service	825 Calle Mejia, No. 122, Santa Te, New Mexico 87501	717/C/06 (COC) 2010III
	•	
200		

935 Calle Melic, No. 133, Santa Feb. 2007 Service 87501 Control State Feb. 2007 Service 87501 Phone (50) 983-9313 Phone (50) 983-9313

8;

MR. N

MR. D

Mr. E

MR. W

5536.

A Petroleum Devel

Lea County, New

Case be continu

the Examiner Re

at nine o'siock

State of New Mexico)
) ss.
County of Santa Fe)

I, SIDNEY F. MORRISH, a court reporter, do hereby certify that the foregoing and attached Transcript of Hearing before the New Mexico Oil Conservation Commission was reported by me, and the same is a true and correct record of the said proceedings to the best of my knowledge, skill and ability.

Sidney F. Morrish, Court Reporter

Hew Mexico Oil Conservation Commission

CASE 5536:

Application of Petroleum Development Corporation for a dual completion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval of the dual completion (conventional) of its McKay-West Federal Well No. 1 located in Unit F of Section 34.

Township 18 South, Range 32 East, Lea County, New Mexico, to produce oil from the Bone Spring formation and gas from the Morrow formation through parallel strings of tubing.

CASE 5537:

Application of Cotton Petroleum Corporation for compulsory pooling, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Pennsylvanian formation underlying the F/2 of Section 10, Township 21 South, Range 25 East, adjacent to the Catclaw Draw-Morrow Cas Pool, Eddy County, New Mexico, to be dedicated to a well to be drilled at an orthodox location in Unit I of said Section 10. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof, as well as actual operating costs and charges for supervision. Also to be considered will be the designation of the applicant as the operator of the well and a charge for the risk involved in drilling said well.

CASE 5538:

Application of Phillips Petroleum Company for a dual completion and salt water disposal, Chaves County, New Mexico. Applicant, in the above-styled cause, seeks approval for the dual completion of its Luther-A Well No. 1, located in Unit N of Section 18, Township 8 South, Range 32 East, to produce oil from the Lonesome-San Andres Pool and to dispose of produced water into the Glorieta formation in the open-hole interval from 4584 feet to 4720 feet through parallel strings of tubing.

CASE 5152:

(Reopened & Readvertised)

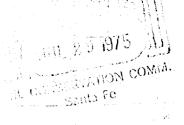
In the matter of Case No. 5152 being reopened pursuant to the provisions of Order No. R-4713, as amended by Order No. R-4713-A, which order established a special depth bracket allowable for the Media-Entrada Oil Pool, Sandoval County, New Mexico. All interested parties may appear and show cause why said special depth bracket allowable should remain in effect.

CASE 5262:

(Reopened & Readvertised)

In the matter of Case No. 5262 being reopened pursuant to the provisions of Order No. R-4822-A, which order promulgated special pool rules for the Southwest Media-Entrada Oil Pool, Sandoval County, New Mexico, including a provision for 160-acre proration units. All interested parties may appear and show cause why said pool should not be developed on 40-acre spacing.

OIL CONSERVATION COMMISSION Hobbs DISTRICT



OIL CONSERVATION	ON COMMISSIO	N	**	DATE	July 24,	1975
BOX 2088 SANTA FE, NEW	MEXICO		2 3 7. — 👟 3	RE:	Proposed	MC X DHC
* *					Proposed	NSL SWD WFX
	en e					PMX
Gentlemen:			•		•	
		pplication da				
for the Petr	oleum Develo erator	pment Corp.	McKay Wes	t Fede	eral #1-F	34-18-32 nit, S-T-R
for the <u>Petr</u> Ope and my recomme	oleum Develo erator	pment Corp. Loas as follows:	McKay Wes	t Fede 1 No.	eral #1-F	34-18-32 nit, S-T-R
for the <u>Petr</u> One and my recomme	oleum Develo erator ndations are	pment Corp. Loas as follows:	McKay Wes	t Fede	eral #1-F	34-18-32 nit, S-I-R
for the <u>Petr</u> One and my recomme	oleum Develo erator ndations are	pment Corp. Loas as follows:	McKay Wes	t Pede	eral #1-F	34-18-32 nit, S-T-R
for the <u>Petr</u> One and my recomme	oleum Develo erator ndations are	pment Corp. Loas as follows:	McKay Wes	t Pede 1 No.	eral #1-F	34-18-32 nit, S-T-R

Yours very truly,



DRILLING OPERATIONS FARMINGTON, NM 87401 TELEPHONE: (505) 325-5675 **ENGINEERING OPERATIONS** 9720-B CANDELARIA, NE ALBUQUERQUE, NM 87112 TELEPHONE: (505) 293-4044

REPLY TO: ALBUQUERQUE

July 23, 1975

Set for heaven

Mr. Joe D. Ramey, Secretary-Director New Mexico Oil Conservation Commission P. O. Box 2088 State Land Office Building Santa Fe, New Mexico 87501

OIL CONSERVATION COMM. Santa Fo

Re: Dual Completion Petroleum Development Corporation McKay-West Federal #1 (Bone Spring & Morrow) Section 34, T-18S, R-32E Lea County, New Mexico

Dear Sir:

Petroleum Development Corporation hereby applies for public hearing to authorize dual completion of our McKay-West Federal #1 in the Bone Spring (oil) and Morrow (gas) zones. The two zones were potentialed on June 17, 1975, and July 11, 1975, respectively.

The captioned well will be completed through two strings of 2-3/8" OD EUE tubing, using packers to separate the Bone Spring and Morrow somes as shown in the diagrammatic sketch. The well is currently shut-in pending pipeline connection and installation of the proposed dual completion equipment. The nearest Morrow completion is approximately 2-1/4 miles east-northeast in Section 25 and the nearest Bone Spring oil well is approximately 3 miles due south. There are no similar dual completions in the area.

Attached are three copies of an Application for Multiple Completion (Form C-107) and exhibits called for by Form C-107 setting forth all material facts pertinent to this application.

Yours very truly,

Charles W. Sanders Vice President

CWS: cm

Date 8/4/72

U.S. POSTAL SERVICE
OFFICIAL BUSINESS
FULLY Dil Boys.
1 P.O. Bof 1150
US
Midlande: Idas 79701 1972 Postmark of Delivering Office SENDER INSTRUCTIONS Print in the space below your name, address, including ZIP Code.

• If special services are desired, check block(s) on other side.

• Moisten gummed ends and attach to back of article. RETURN 3811 TO PETROLLIPS CLASSIFING CORP. 18 9704 17 Garden Cont. April process, 10 00 00 00 00 112 U.S. POSTAL SERVICE OFFICIAL BUSINESS PENALTY FOR PRIVATE USE TO AVOID PAYMENT OF POSTAGE, \$300 Anadarko Production Co. P. O. Box 1330 Houston, Texas 77001 Postmark of Delivering Office SENDER INSTRUCTIONS Print in the space below your name, address; including ZIP Code.

If special services are desired, check block(s) on other side.

Moisten summed and and attach to back of article. RETURN 3.6 3811 TO PETROLEUM E TELOPMENT CORP. Form 2 1000年 U.S. POSTAL SERVICE OFFICIAL BUSINESS Burleson & Huff PENALTY FOR PRIVATE USE TO AVOID PAYMENT OF POSTAGE, \$300 P. O. Box 935 Midland, Texas 79701 74 Postmark of Delivering Office S. Contraction 1972 SENDER INSTRUCTIONS Print in the space below your name, address, including ZIP Code.

• if special services are desired, check block(s) on other side.

• Moisten gummed ends and attach to hard a service. は其意 RETURN TO 3811 1 Form PETROLEUM DEVELOPMENT CORP. ,5 9720-3 Operation 1 - E. ĸ Albuquarento, etc. Editation (871.12) U.S. POSTAL SERVICE OFFICIAL BUSINESS PENALTY FOR PRIVATE USE TO AVOID PAYMENT OF POSTAGE, \$300 Superior Oil Co. P. O. Box 1900 Midland, TX 79701 The same 1972 Postmark of Delivering Office Š SENDER INSTRUCTIONS Sep. RETURN Print In the space below your name, address, including ZIP Code.

• If special services are desired, check block(s) on other side.

• P TO 3811 * PETROLEUM DEVITLOPMENT CORP. Form 97.000 Afficiant Agencia 112

NEW MEXICO OIL CONSERVATION COMMISSION SANTA FE, NEW MEXICO APPLICATION FOR MULTIPLE COMPLETION

Operator		County			Date
Petroleum Development Cor	poration	i	Lea		7/23/75
Address		Lease			Well No.
9720-B Candelaria, N.E. A			/-West	Federal	1
Location Unit Sect	The same and the same at the same of	Township			Range
of Well	34	<u> </u>	South		32 East
the control of the co				iple completion of	of a well in these same pools or in the same
zones within one mile of the subject		NOx			
. If answer is yes, identify one such in	stance: Order No	<u> </u>	;0	Operator Lease, an	nd Well No.:
<u> </u>		1			
. The following facts are submitted:	Upper			Intermediate	Lower
	Zone	Clares.	·	Zone	Zone
a. Name of Pool and Formation	Bone Spring	77246-8.	,		Morroy
b. Top and Bottom of	8788-9902				12,719-12,824
Pay Section		6	<u>.</u>	zĒ ≃	
(Perforations)		1,000	<u> </u>		
c. Type of production (Oil or Gas)	oil		<u>-</u> -		gas
d. Method of Production		A Section 1	ž.		
(Flowing or Artificial Lift) The following are attached. (Please of	flowing	13	1	 	flowing
	heck tes of not		ż		
Yes No	44. July 7. 16		1		
izers and/or turbolize	rs and location thereof.	í, quantities u	used and	top of cement, pe	iding diameters and setting depths, central- erforated intervals, tubing strings, including
diameters and setting	depth, location and typ	pe of packers	and side	door chokes, and s	such other information as may be pertinent.
	tion of all wells on appoint and setting applicant		se, all o	ffset wells on of	ffset leases, and the names and addresses
			h offset	operator, or in li	eu thereof, evidence that said offset opera-
tors have been furnis	hed copies of the appli	lication.*	1		
d. Electrical log of the dicated thereon. (If su	well or other acceptablech log is not available	te log with to at the time a	ps and pplicati	bottoms of produc on is filed it sha!	icing zones and intervals of perforation in lill be submitted as provided by Rule 112-1.)
List all offset operators to the lease	on which this well is le	ocated togeth	ier with t	their correct maili	ing address.
Anadarko Production Co.	- P. O. Box 13	330, Hous	ton, 7	rexas 77001	
				en e	
Burleson & Huff	- P. O. Box 93	35, Midla	nd, Te	exas 79701	
Gulf Oil Corporation	- P. O. Box 11	150, Midl	and,	rexas 79701	
			√ Valou		
The Superior Oil Compan	y - P. O. Box 15)00, Midl	and, 7	Cexas 79701	
			<u>ĝ</u>		
en e			Add Disease		
			1	· · · · · · · · · · · · · · · · · · ·	
6. Were all operators listed in Item 5 ab		hed a copy of	ithis ap	plication: 1E0	NO If answer is yes, give
date of such notification 7/23/7		 • · · ·	A L		
CERTIFICATE: I, the undersigned,	that I am the Vic	ce Presid	ent	of	the Petroleum Development
Corporation (co	mnany) and that I am	anthorized b	vsaid cc		his report; and that this report was prepared
under my supervision and direction and the	nat the facts stated the	rein are true,	correct	and complete to t	he best of my knowledge.
	÷	· ;		1	
			0//	1-11	1000
		7	tras	lo 11	funder
		Ch	arles	W. Sanders	Signature
Should waivers from all offset operators	not accompany an appl	lication for a	dministr	ative approval, the	the New Mexico Oil Conservation Commis-

sion will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.

NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard proration unit in one or more of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

	1 264707	14558	14785	14709	1049467 0129 63 0553004	h. G Pearint	
		Jehn S. Williams S	Yates Myna 19	Anderson Ouronn.	Accessoral etcl Of Barafeld	Per Amiley First P Pan-Amer Centingents	388402
	Then Brisen III me processing the service to the se	Constitution of the Service Se	2567 10 - 10 - 10 - 10 - 10 - 10 - 10 - 10	25 Sprinkeretol 1	Featherstone 12		Confinental - 8
•		113 172	l colt at the	Fig. 3. Strate Section 1	3443263	anu i	069450 H 6 0
	(1.5 to Trans	2.5. 1711	15 Williams (5)	1.1 J man 1.5 The Feather could be started to 1.5 The 1.5 The 1.74 1.5	0 25 0 15 U.S.	U.S.	110.14
	a O.1 Neamor	(1.03 Kedier Shenawhallianersel	J. Speinkle elal	Sprinkle, etal Sprinkle, office	Astec Perry Thrush	771	(Cantinental) H B P
;	The stand	TYOUNG C	QN.UNIT COPER 1 Boyd		Natheen Cose Superior		069170
				J.S.Millioms 5 4	7 (+ 92 6 - 1 - 73 (5:274 0.9286)		Pan Ant Que (A.)
	30.5		en de la cons	Wanta Salah	Hanagan LUC Barnes	18	The Establishment
		\$ * \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	rescut des la respectation de la rescutación de	-33 1.33 F 0.03 F 1	1621 Doge Burlessat_ Englished	A company	6325232
	Newnfort ero	State 15 april	SSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSS	Continues (C.S.	R. riesent E. Huff, graf Vg. 83000	2014	U.S.
		9022 013 015 Can	Vanest innerco be 1 1 76, Tring 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2	Continues (8) (8) (8) (8) (8) (8) (8) (8) (8) (8)	Qn Disc (her from L.) F65 1018 40 From L.) (Superior) 1 (eight every	Hudson's Hudson's San	Yidnest Küs
	و پر ۱۹۰۰		32 773 07401	4.700411		A FOR ATT HUDSON CHUCKS	3566
	27 437	Atlantier = - 21 (14) (6 c) (P) Deprojetal (1) (25) (25)	PETCCE.881 27-217 Mb. 4 TA. 0497.4 FETCO Austorko fesselist. Wall 14 14 1221	Andorka 23 JH IGH 1 179 Superior Of Foith Fed	10 Bosons 240/41 (6.4)	1111 4 90 4240 19 0 C D 200 00 00	20-
	24 25 2013 1 1	Fed. Byoldise.	Manue Ang-	Marshall Marshall ford	(L.R.French, Jr.) Azted a french to full	Hudson Hudson Fariamer etal Habitan George Met. Ceorge	
	U.S. "" 2C	27 Cinam Fegu F29	18 stos U.S. 18 15 15 15 15 15 15 15 15 15 15 15 15 15	Marshall Hall Marshall-fed E.W. nshall Fed 135. 135. 136.	SSSO ((L.R.French.Lr) A ricol & French.Ms Guil. *** 12 to 14.76 (17.70) *** 12 to 14.76 (17.70) *** 2. 2 to 14.76 (17.70)	R G Managanika	0 S
	(Human) of #	28 Shell Anazarko TB 4241 Anazarko Vermnoa At 4609	Anadorko 3 1 18				(midson et
en de la companya de La companya de la co		3370 5 2000 (\$1000)	4609	Der gount Holf	H. Yates (1) Anadarkolas Lei Disc (1) 1 tel Disc (1	Of treeson Hudson to Son Of treeson treeson to the treeson trees	R.N. Enfield Ste
	29 (1)	58 8 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	27	Burley ne 26 H Yoles	Sweeney Fest English oraces U.C. Barnes 25	Hudson EHudson	100
	Barran Das Sas		Anadarkos Burierun Kikuff	2316 0A5129	9390 78 Agranous	Hudson (Hudson (Hudson)	(Pennzoli) (3)3
	U.S.	Misson U.S.	an Disc (1) Anotoria	(s(Mercam)	II.R French Ur al Uncle Sout	Gesta & Nudson Find (Chudson Find	- Stetco 67 E. Union Areal F 4500" 1013675" 11 U.SP
	4.00	S. C. S. perior 4	Petroleum Dev. Core.				U SP
	79.3	16232 0556034 A	4150 19 901	2946 8 Bur eson	tri 100 de de de la composición del composición de la composición	Fudson E Hudson Har DE9276	i At grafia Nestern
		leer van die state die	Surasi Banesh an to a	1 7-1 6)	TD11 E00 C 4 5		0.00
	Midness 2 + 61	Outr	Dev. 34	Honson JT Terrecot 35 Horsen Pig 16 (170	36 4tionic	F - 31	Cit es Servicio
	1569	8 1 75 0551298	0555200 Mr. West Essizal Gulf Gulf	Guie T	11 - 17 - 74	True t	4 9 76 5 5927 80 90 9
	Stere	055 75 70 U.S. 104 mg.	NIC 2 103 18 18 035604 0 114 124		State	0.5 v.s.	Years
	etal 1 Dorothy 17435	1 067211 B		J M Huber	Superior II-1-80	Sistemental Pan Amer	ostes Cont
A Commence of the Commence of	eta) 17435	Costes Dela Costus Dela re SCCC Shell-Fed	06/230 700000 445	Anostorka	12		Hilly 12 (and a g
	13	Corc 4 Challetol	Shell	Znodorko'		nau e 6	- 8P
		6 1 35 0557149 087230	Gerses Tenness	15 15 155 1 5 002 1		anu 3	
	U.S. Pres Fes	u to Socot Amoco	Coctis AA Seell Fed Shriffed Sty Rivolsc.	Coctus Superior St TO 1054 Colores	Superior 15-1-60.1 10780 U.S.	U.S.	Mory Vily
	eta) Robie C Colorban 159 7 - Bell Color 159 7 - Bell Colorban	الل ويونة (Boikus بالر عن الله عن الله عن الله بالله با	LUSKISHV RIV'S JUNITE	Sun Sun	Superior hest-feet	April	antine
	I W. J.	13422	FREKTSEN BIN. S. INNILI	11-3 80 HBP 17568 263530	PETROLEUM DEVE	ELOPMENT CORPORA	ATION HER
	14 07:0 12.16.	9) (10		McKay West Fed	ederal #1	U.S .
		L & Emmett 23	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Section 34-185 Lea County, No		3
	36,10 9, 8	V Ho'es ' € 4 - 1 - 6((3472	25.2		EXHIBIT "B"		(eq. ;
	U.S. 1/A11,887	U _I s	ο υ.s.	US	v.s.	U.S.	HUN STIE Snyder Neh Lid
	Corter 7 76 4310	Midwest 5 1 82 1 6 624 LG 624	Sun i Perry Bass	Sich Life, Celbusin Ferry H. Sun 15-1-7ass Sust Sun 275491 5-0 7ash, Happ	(Continental)		Hudsan L Hur Hudsan High
	Frallips, 134200" (Se Calif Pet)		063530 V025497	C2149] 161519 Boss Ent.	01235	a per a fill it more than i	767) 517094 Dan 19 64
To the second of	8 17 Olca: 13	5.60 F 16 C - 7.40 C - 7.11	we as 15 Provinsion	Sun, 3/4	13) 2 (13)		Snyder Ren
	I'r ebolle ei aw 4500° Lush Dorr Cart & P. Cauling Maair ko	10 605	32				J. 30%
	If Pet Philips Manage to Isan Erm n Valid	1.7	Stearne Fed (U.S	, W.J. Boi , , , , , , , , , , , , , , , , , , ,	10 3544	Rudsan C 10-1 65	v.s.
	Kerr-Mc(Lee)	Ewell 11 Muse Ir.	1 2 14	Sun	0.3	O67847	
9	Puso Prod.	Clinton Oli DIR	PLAINS UNIT;	it + 1 − 60 12412	8 - 1 - 78 R-1 - 77 12118 1 1934	72 10-1-65 07 & crai 2-1-61 06/847 7 064790	Culf





DRILLING OPERATIONS FARMINGTON, NM 87401 TELEPHONE: (505) 325-5675

ENGINEERING OPERATIONS 9720-B CANDELARIA, NE ALBUQUERQUE, NM 87112 TELEPHONE: (505) 293-4044

REPLY TO: ALBUQUERQUE July 23, 1975

TO: Offset Operators

Re: Dual Completion

Petroleum Development Corporation

McKay-West Federal #1 (Bone Spring & Morrow)

Section 34, T-18S, R-32E

Lea County, New Mexico

Gentlemen:

Attached is a copy of Petroleum Development Corporation's application for public hearing to authorize dual completion of the captioned well in the Bone Spring (oil) and Morrow (gas) zones.

You will be notified by the New Mexico Oil Conseravation Commission of the date of the hearing through means of their public advertising.

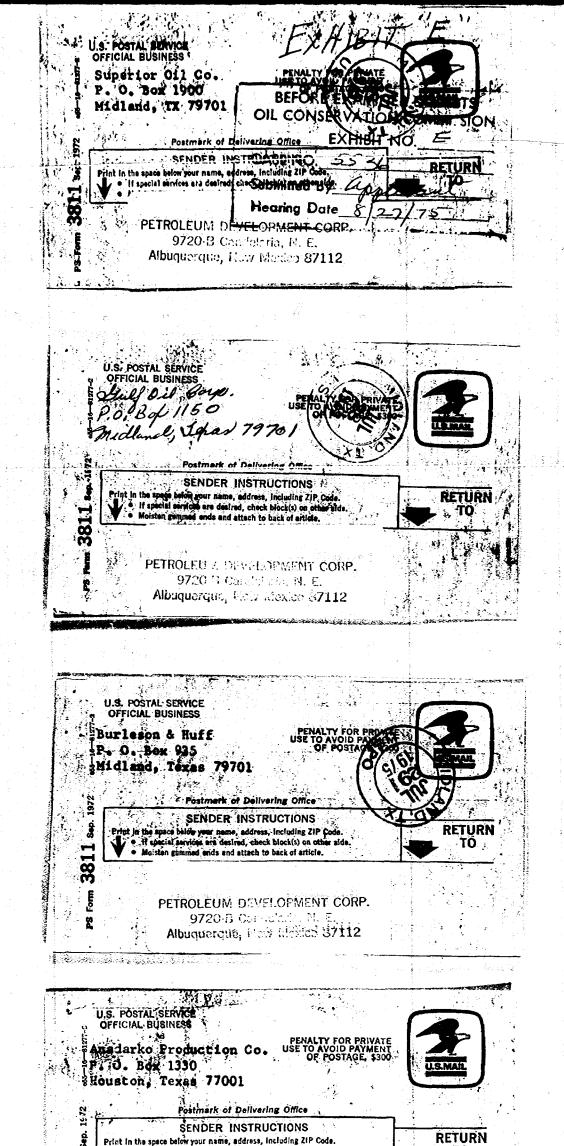
Yours very truly,

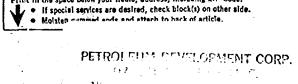
Charles W. Sanders

Vice President

CWS: cm

EXHIBIT "C"





SENDER: Be sure fo follow lastructions on ether side
CASE (FIRMING SERVICE(S) INDICATED BY CHECKED BLOCK(S)
Deliver ONLY
where delivered RECEIPT
Received the numbered erficie described below Received the numbered erficie described below Received the numbered erficie described below
REGISTERED NO.
Superior Oil Co.
SIGNATURE OF ADDITION OF THE OFFA
SHOW WHERE DELIVERED (Only if requised, and include 21P Code)
7-23-76
to the later later and the state of the stat
PLEASE PLOUBLE SHARPS TENERAL FOR CHECKED BLOCK(S) PLEASE PLOUBLE SHARPS TENERAL FOR these services (Additional sharps residered for these services) Deliver ONLY Additional sharps residered for these services)
PLEASE Addition thanges resulted for these to beliver ONLY to addressee
The delivered to the second se
Received the membered affects of ADDRESSEE (Must always be filled in)
MIGISTERED NO.
CEPTIFIED, NO. 1701
563 188
INSURED MG.
DATE DELIVERED SHOW
7.2507
SENDER: By Live to follow Instructions of aborgaine
PLEASE FURNISH SERVICE(S) INDICATED BY CHECKED BLOCK(S) (Additional charges required for these services) (Additional charges required for these services)
Chow address:
where delivered. RECEIPT Vilcle described below
Received to the best of AME OF ADDRESSEE (Most always be filled in)
CERTIFIED NO.
INSURED HO.
DATE DELIVERED SHOW WHERE DELIVERED (Only if requestes and include ZIP Cody)
7-24-2
가능하는 경기 살을 하고 있다. 이 그렇게 되었는 때로 있는데 그 이 이 이 글로 보는 이 한 경기 하는데 되었다. 그 전 그를 받는데 한 편에 된다고 그렇게 하는 것들이 하는 그리고 있는데 그리고 있는데 그리고 있는데 그리고 있다.
SENDER: Se saje to tollow instructions on other side
PLEASE FURNISH SERVICE(S) INDICATED BY CHECKED BLOCK(S) (Additional charges required for these services)
Show address Deliver ONLY to addressee
RECEIPT Received the numbered article described below
REGISTERED NO. SIGNATURE OR NAME OF ADDRESSEE (Must always be filled in)
CERTIFIED NO.
SIGNATURE OF ADDRESSEE'S AGENT, IF ART
INSURED NO.
DATE DELIVERED SHOW WHERE DELIVERED (ONL & Year and Suppose EIP Code)
All 22 top 2