CASE 7068: CONOGO INC. FOR A DUAL COM-PLETION AND AN UNORTHODOX WELL LOCATION, EDDY COUNTY, NEW MEXICO

CASE NO.

7068

APPIICATION,
Transcripts,
Small Exhibits,

EJC.

STATE OF NEW MEXICO



ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA EL NOW MEXICO 27501

LARRY KEHOE

November 10, 1980

Re:	CASE NO.	7068					
	ORDER NO.	R-6515					

Mr. Thomas Kellahin Kellahin & Kellahin Attorneys at Law Post Office Box 1769 Santa Fe, New Nexico

Applicant:

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	-,-						

Dear Sir:

Enclosed herewith are two copies of the above-referenced Division order recently entered in the subject case.

JOE D. RAMEY
Director

· JDR/fd

Copy of order also sent to:

Hobbs OCD x
Artesia OCD x
Aztec OCD

Other

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. 7068 Order No. R-6515

APPLICATION OF CONOCO INC. FOR A DUAL COMPLETION AND AN UNORTHODOX WELL LOCATION, EDDY COUNTY, NEW MEXICO.

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 9 a,m. on Optober 29, 1980, at Santa Fa, New Maximo, before Exeminer Daniel S. Nutter.

NOW, on this 6th day of November, 1980, the Division Director, having assidered 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 Division has jurisdiction of this cause and the subject matter thereof.
- (2) That the applicant, Conoco Inc., seeks authority to complete its Penny Federal Com. Well No. 2 at an unorthodox location 1450 feet from the North line and 1980 feet from the East line of Section 23, Tawnship 27 South, Range 24 East, NMPM. Eddy County, New Mexico, as a dual completion (conventional) to produce gas from the South Dagger Draw-Upper Pennsylvanian Associated Pool and gas from an undesignated Merrow pool through parallel strings of tubing with separation of the zones to be achieved by means of a packer set at approximately 8900 feet.
- (3) That the aforesaid unorthodox location is necessitated by rough terrain and archeological considerations at a standard location.
- (4) That no offeet operator objected to the non-standard location.

Case No. 7068 Order No. R-6515

- (5) That the mechanics of the proposed dual completion are fessible and in accord with good conservation practices.
- (6) That approval of the subject application will prevent waste and protect correlative rights.

IT IS THEREFORE ORDERED:

(1) That the applicant, Conoco Inc., is hereby authorized to complete its Penny Federal Com. Well No. 2 at an unorthodox location 1650 feet from the North line and 1980 feet from the East line of Section 23, Township 20 South, Range 24 East, NHPH, Eddy County, New Mexico, as a dual completion (conventional) to produce gas from the South Dagger Draw-Upper Pennsylvanian Associated Poel and gas from an undesignated Morrow poel.

PROVIDED HOWEVER, that the applicant shall complete, operate and produce said well in accordance with the provisions of Rule lizes of the Division Rules and Regulations insofer as said rule lie not inconsistent with this order;

PROVIDED FURTHER, that the applicant shall take packer leakage tests upon completion and annually thereafter during the Annual Gas Well Shut-In Pressure Yest Period for the Morrey gas zone.

(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 the day and year hereinabove designated.

> STATE OF NEW MEXICO OIL CONSERVATION DIVISION

JOE D. RAMEY

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		The same of the sa	D MINERALS DEPARTMENT SERVATION DIVISION
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on the Contract State of the Contract of the C			FE, NEW MEXICO October 1980
		23	Octobel 1960
	6	EXA	MINER HEARING
		, and a substitute of the control of	
	8		<u> </u>
	9	IN THE MATTER OF:	
		Application of Co	noco, Inc.,) CASE
	1010	for a dual comple unorthodox gas we	
	11	Eddy County, New	
	12		<u>)</u>
	13		
		BEFORE: Daniel S. Nutter	
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	20	For the Oil Conservation	W. Perry Pearce, Esq.
	21	Division:	Aegal Counsel to the Division
	22		State Land Office Bldg. Santa Fe, New Mexico 87501
		: 물리하게 함께 있는 것이라는 그렇게 다른 것이다. 물로 보고 있는 것이다.	용하면 하시는 하시는데 말이 되는 것이 되지 않는 생각을 하게 됐다면 되었다. 그는 물이 가장 말이다. 중에 가지 않는데 이 하는 무슨데 없었습니다. 소설하다
	23	'' 생물 내가 가는 네트라지 않는 그렇다.	는 사람들이 되었습니다. 그런 사람들은 사용하여 다른 사용이다.
	24	For the Applicant:	W, Thomas Kellahin, Esq.
n.	25		KELLAHIN & KELLAHIN 500 Don Gaspar
	26		Santa Fe, New Mexico 87501
	27	현실적 수가 이 소설 가능 가는 것 같아. 수 일본 4년 시간 기계	
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RANDALL DARR	
Direct Examination by Mr. Kellah	nin 3
7 Cross Examination by Mr. Nutter	10
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EXHIBITS	
Applicant Exhibit One, Plat	3
Applicant Exhibit Two, Plat	4
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17 Applicant Exhibit Three, Topographic Map	5
18 Applicant Exhibit Four, Application	5
Applicant Exhibit Five, Schematic	6
Applicant Exhibit Six, Structure Map	8
[일본 - 12] [12] [12] [13] [13] [14] [15] [15] [15] [15] [15] [15] [15] [15	
Applicant Exhibit Seven, Structure Map 22	
Applicant Exhibit Eight, Isopach	
Applicant Exhibit Nine, Isopach	
중요하고 있는 [다시아] 경우 마음 사람들이 아니는 그들은 사람들이 되었다.	
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MR. NUTTER: Call Case Number 7068. 2 3 MR. PEARCE: Application of Conoco, Inc. <u>.</u> for a dual completion and unorthodox well location, Eddy 5 County, New Mexico. 6 MR. KELLAHIN: Tom Kellahin of Santa Fe, 7 New Mexico, appearing on behalf of the applicant. Mr. Nutter, I'd like the record to re-9 flect that Mr. Darr continues under oath and that he has been 10 qualified and accepted as an expert petroleum engineer. 11 12 MR. NUTTER: The record will so show. 13 14 RANDALL DARR 15 being called as a witness and being previously sworn upon his 16 oath, testified as follows, to-wit: 417 18 DIRECT EXAMINATION 19 20 BY MR. KELLAHIN: 21 Mr. Darr, would you please refer to what 22 we've marked as Exhibit Number One and identify that for us? 23 Exhibit Number One is a well location 24 and acreage dedication plat for this application. 25 Conoco wishes to drill and dually com-26 plete a well in the South Dagger Draw Upper Penn and undesig-27 nated Morrow Pools at an unorthodox location 1650 feet from 28

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	2	the weath line and 1000 feet from the engt line of Cogtion 22
• • • • • • • • • • • • • • • • • • • •	3	the north line and 1980 feet from the east line of Section 23,
		Township 20 South, Range 24 East, in Eddy County, and dedicate
		the east half of Section 23, containing approximately 320
	•	acres to each of these zones.
	6	Ω Is a dedication of 320 acres to each of
	7	
	8	these zones a standard dedication of acreage?
	9	A Yes, it is. Special pool rules for the
	10	South Dagger Draw provide for 320-acre dedication.
	11	Q In what way is the subject location win-
	12	orthodox?
	13	
	14	A. A standard location would be 1980 feet
	15	from the north line and 1980 from the east. He had we feel
	16	that we were asked to move the well 330 feet north due to
	17	a draw that runs east to west through this area, and it will
	18	be brought up later on in the exhibits.
	19	Q. Let's look at Exhibit Number Two, then,
	20	(1) 발생하는 이 경우는 경기가 있는데 이번 사람이 되었다. 그 사람들은 사람들이 되는데 하는데 함께 되었다. 그 사람들이 없는데 다른데 함께 되었다. [2] [2] [4] [4] [4] [4] [4] [4] [4] [4] [4] [4
	21	and have you identify that for me.
	22	A Exhibit Two is a location plat showing
	23	the area and surrounding wells.
	24	Q This is a Federal lease you're drilling
		on?
	25	A. Yes, yes, it is.
##	26	
	27	Q. And who operates the acreage to the
	28	north that you would be encroaching on?

1 2 It is owned by Conoco. Is that also a Federal lease? Yes, it is. Would you refer to Exhibit Three now 6 and identify that for us? 7 : Exhibit Three is a topographic map of 8 the area. The arroyo I mentioned previously is shown running 9 10 east and west at a standard location. A USGS representative and archaeologist 12 inspected the site and chose the proposed location as being 13 the nearest spot to the standard location that they would 14 approve. So the location was moved to the unorthodox site 15 for topographical reasons. 16 In your opinion, Mr. Darr, is the pro-17 posed unorthodox location still an adequate location from 18 which to effectively and efficiently drain both anticipated 19 20 pools for this proration unit? 21 Yes, it is. 22 Would you turn to Exhibit Number Four, 23 then, and identify that? Exhibit Number Four is a State applica-25 tion for multiple completion form showing the estimated 26÷ depths of the Cisco and Morrow, as well as other data. These 27 28 estimates are based on offset wells, structure, and Isopach

2 maps that will be introduced later. Let's look at Exhibit Number Five and have you tell us about that. Exhibit Number Five is a schematic of 6 the downhole equipment planned for this well. It shows all casing strings sizes, setting depths, cementing data, packers, and proposed perforations, et cetera: 9 10 This procedure complies with the standards 11 set by the NMOCD and we feel that it is sufficient to provide 12 separation between the two zones. 13 Now you indicated in the previous case ાંત્ર that the Cisco gas has a high H2S content. Is that a similar 15 problem for this well? 16 Yes, it is, and we are also, in this 17 area, we will run the Monel-coated blast joint across the 18 19 Cisco perforations. 20 I note that your packer is set at ap-21 proximately -- or will be set at approximately 7500 feet and 22 that your topmost perforation of the Cisco will be at 7800 23 feet. 24 My question is, in compliance with Com-25 mission Rule 107, will the bottom of the tubing for the Cisco 26 27. be within 250 feet of the uppermost perforations? 28 Yes, it will. These are estimated

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Would you identify for us what, if any, pressure you anticipate in the Cisco formation at this depth? We anticipate pressure in the range of 23 to 2500 psi, based upon pressure build-up data obtained in our Penny Federal Com -- our Penny Federal No. 1, located in the southwest quarter of Section 23.

Directing your attention to the potential Morrow production, you estimate those perforations to be at about 9000 feet?

Yes, we do.

Do you have an indication for the Examiner of the anticipated pressure to be encountered in that formation?

Again, we are going on other wells completed in the area, and anticipate virtually the same pressure as in the previous case, between 4000 and 4500 psi.

What then, in your opinion, will be the pressure differential between the Cisco and the Morrow formations?

It will be in the range of 1700 to 2200 psi.

Is the well equipment and the Model D packer designed to handle that type of pressure differential?

Yes, it is.

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January Carlotte	
2	Q In your opinion is the method of com-
3	pletion for this well consistent with sound engineering prac-
التبارية المحاجبينية بالاستان	tices for completion of dual Cisco-Morrow wells?
5	A. Yes, I feel that it is.
6	Q. Would you turn to Exhibit Number Six
7 	and identify that?
9	A. Exhibit Number Six is a structure map
10	
	on the top of the Cisco carbonate marker.
11	Q And Exhibit Number Seven?
12	A Exhibit Seven is a structure map for the
13	Morrow formation and it is a map on the top of the Pennsyl-
	vanian-Mississippian unconformity.
15 16	Q. Do either Exhibits Six and Seven, the
17	respective structure maps, play an important significance for
18	you in determining well locations?
19	
20	[사용도로 기계 : - 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
21	Eight and Nine are show more clearly the reason we picked
22	the location.
23	Q. All right, let's turn to those Exhibits
24	and identify for us Exhibit Number Eight.
25	A. Exhibit Number Eight is an Isopach map
26	of the Cisco "B" Zone in the area and Exhibit Nine is a Middle
27	Morrow gross sand Isopach of the same area.
28	ρ It would appear from looking at both
	[독일이 [18] [18] 조금 이 등 시간 이 나는 이 아들 때문에 다 하는 것이 되었다. 그렇게 살아 나는 사람들이 되었다.

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MR. KELLAHIN: We move the introduction of Exhibits One through Nine. MR. NUTTER: Exhibits One through Nine 5 will be admitted in evidence. CROSS EXAMINATION 8 BY MR. NUTTER: 9 10 Mr. Darr, again we're talking about sour gas here in the Cisco. Do you have Cisco wells already on 12 production in this area? 13 Yes, we have four Cisco wells, one of which is the Penny Federal No. 1, located in the southwest 15 quarter, and the remaining wells are farther to the south. 16 The Robin and the Vicky, are they Cisco 17 wells? 18 19 Yes, they are. 20 And do you have gas treatment facilities 21 here to make pipeline quality gas? 22 Yes. 23 MR. NUTTER: Are there any further ques-24 tions of Mr. Darr? He may be excused. 25 Do you have anything further, Mr. Kella-26 hin? 27 28 MR. KELLAHIN: No, sir.

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C-E-P-T-F-T-C-A-M-E

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I, SALLY W. BOYD, C.S.R., DO HEREBY CERTIFY that the foregoing Transcript of Hearing before the Oil Conservation Division was reported by me; that the said transcript is a full, true, and correct record of the hearing, prepared by me to the best of my ability.

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Snow W. Boyd C.S.P.

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I do hereby certify that the foregoing is a complete record of the proceedings in the Examiner hearing of Case No. 2068. heard by me on

Oil Conservation Division , Examiner

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		ID MINERALS DEPARTMENT	
		SERVATION DIVISION	for an analysis of the second
4		LAND OFFICE BLDG.	
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6	EX	AMINER HEARING	
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12	Eddy County, New	mexico.	
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14	BEFORE: Daniel S. Nutter		
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18	APPI	BARANCES	
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20	For the Oil Conservation	W. Perry Pearce, Esq.	
21	Division:	Legal Counsel to the I	Division
		State Land Office Bld	
22		Santa Fe, New Mexico 8	8/501
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24	물림으로 있는데 그 등등의 그리스 기를		
	For the Applicant:	W. Thomas Kellahin, Es	sq.
25		KELLAHIN & KELLAHIN	
26		500 Don Gaspar Santa Fe, New Mexico's	87501
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V.			

MR. NUTTER: Call Case Number 7068. 3 un. PERROD. Application of Conoco, inc. for a dual completion and unorthodox well location, Eddy 5 County, New Mexico. MR. KELLAHIN: Tom Kellahin of Santa Fe, New Mexico, appearing on behalf of the applicant. 8 Mr. Nutter, I'd like the record to re-9 flect that Mr. Darr continues under oath and that he has been 10 11 qualified and accepted as an expert petroleum engineer. 12 MR. NummER: The record will so show. 13 14 DANDALL DARR. 15 being called as a witness and being previously sworn upon his 16 oath, testified as follows, to-wit: 17 18 DIRECT EXAMINATION 19 20 BY MR. KELLAHIN: 21 Mr. Darr, would you please refer to what 22 we've marked as Exhibit Number One and identify that for us? 23 Exhibit Number One is a well location 24 and acreage dedication plat for this application. 25 Conoco wishes to drill and dually com-26 plete a well in the South Dagger Draw Upper Penn and undesig-27 1 nated Morrow Pools at an unorthodox location 1650 feet from 28

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3	depths.
	Would you identify for us what, if any,
A	pressure you anticipate in the Cisco formation at this depth?
5	
6	A. We anticipate pressure in the range of
7	23 to 2500 psi, based upon pressure build-up data obtained
8	in our Penny Federal Com our Penny Federal No. 1, located
9	in the southwest quarter of Section 23.
10	
	Q Directing your attention to the potential
11	Morrow production, you estimate those perforations to be at
12	about 9000 feet?
13	
14	A. Yes, we do.
15	0. Do you have an indication for the Examiner.
16	of the anticipated pressure to be encountered in that formation?
17	A Again, we are going on other wells com-
18	pleted in the area, and anticipate virtually the same pres-
19	그래마다 그렇게 되고 있는 그들은데 하는 생활되었다. 아들 없었다는 그들은 것을 보는 것 같아.
	sure as in the previous case, between 4000 and 4500 psi.
20	Q. What then, in your opinion, will be the
21	pressure differential between the Cisco and the Morrow forma-
22	이 회문은 이 중요한 하는 이 사이 열리는 이 하는 사람들이 되었다. 이 사람은 살은 이 사람들은 생활하였다.
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24	A. It will be in the range of 1700 to 2200
25	psi.
26	Q Is the well equipment and the Model D
27	packer designed to handle that type of pressure differential?
28	[마이네 : - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -
	Yes, it is.

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2	exhibits Numbers Eight and Nine that at least for the Morrow
	well, the fartner south you move the greater your risk is
5	of you increase your risk for a dry hole in the Morrow.
6	A Yes, that's true.
7	0. May we conclude from that exhibit that
8	it's necessary for you to move farther north in that provation
9	unit?
." 10	A. There is also another reason for moving
124 (* 1 16)	to the north. There is a hill located directly south of the
12	standard location which would require the well to be moved
13	quite a distance to the south in order to obtain a location
15	out of that draw.
16	Q In your opinion, then, Mr. Darr, based
17	upon not only the topographical reasons but geology and sound
18	engineering practices, is the proposed location the optimum
19	location from which to develop this proration unit?
20	A. Yes, I feel that it is.
21	O In your opinion will approval of this
	application be in the best interests of conservation, prevention
23	of waste, and protection of correlative rights?
24	The state of the s
25	
26	있는 그는 그는 그는 말을 들어오면 그렇게 되었습니다. 그런 말은 경이 없는 말이 말했습니다.
27	by you or prepared under your direction and supervision?
28	A. Yes, they were.

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hin?

MR. KELLAHIN: No, sir.

Do you have anything further, Mr. Kella-

Examiner

CERTIFICATE

I, SALLY W. BOYD, C.S.R., DO HEREPY CERTIFY that the foregoing Transcript of Hearing before the Oil Conservation Division was reported by me; that the said transcript is a full, true, and correct record of the hearing, prepared by me to the best of my ability.

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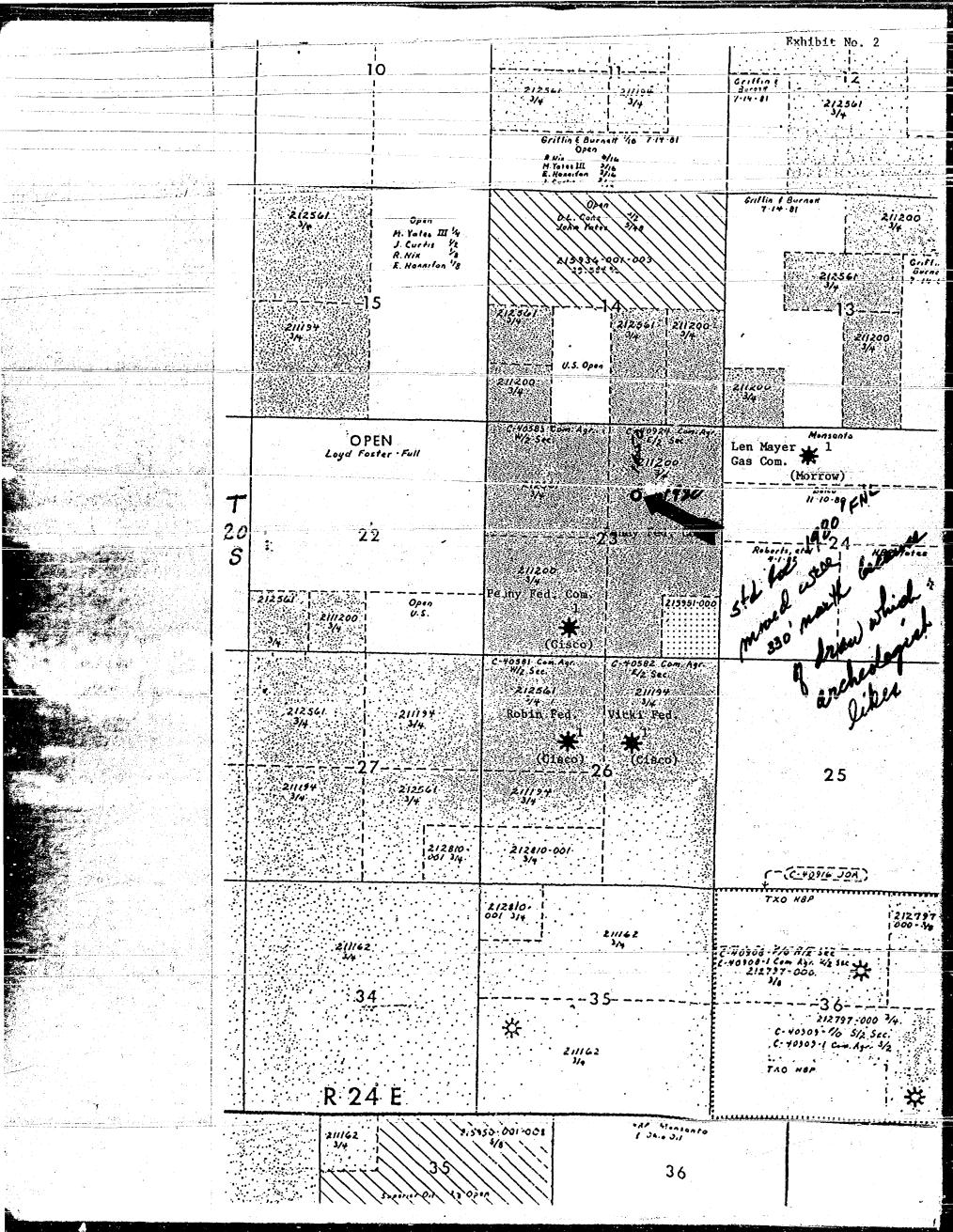
I do hereby certify that the foregoing is a complete record of the proceedings in the Examiner hearing of Case No. 7068, heard by me on

Oll Conservation Division

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NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

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c l	22	20	south	24	east	Ed		and the second s
ival Footage Loca	lion of Wells					A	×/	
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SANTA FE, NEW MEXICO

5-1-61

APPLICATION FOR MULTIPLE COMPLETION

Operator		County		Date
CONOCO INC.	LEddy		Well No.	
P.O. Box 460, Hobbs,	New Mexico	Panny Fa	deral Com.	well no.
		ownship	derar com.	Range
or Well O	23	20	S	6415
1. Has the New Mexico Oil Conservation	on Commission heretolore aut	horized the multiple	completion of s	weil in these same pools or in the
same zones within one mile of the s				
2. If answer is yes, identify one such in	stance: Order No.	; Operate	or, Lease, and W	ell No.:
3. The following facts are submitted:	Upper Zone	In	terniediate Zone	Lower Zone
a. Name of Pool and Formation	Cisco			Morrow
b. Top and Bottom of Pay Section (Perforations)	(Est.) 7550' - 82	35'		(Est.) 9000' - 9365
e. Type of production (Oil or Gas)	i gas			208
d. Method of Production				
(Flowing or Artificial Lift)	artificial lift			- floring
4. The following are attached. (Please	mark YES of NO)	* 1	4	
and /or turbolizers and lo	ne Multiple Completion, show cation thereof, quantities used in and type of packers and ele	and top of cement	perforated inter	meters and setting depths, centralizers rvals, tubing strings, including diameters
have been furnished copie NO d. Electrical log of the well	ch multiple completion from e es of the application. * or other acceptable log with t available at the time applic	ops and bottoms of tion is filed, it sha	producing zones	
Monsanto Company	Belc	o Petroleum	enger eren er gelongste. Geografie	Roberts, et al
1330 Midland Nat'l Bank	Tower 411	Petroleum Bld	g.	Unknown
500 West Texas	204	W. Texas		
Midland, Texas 79701	M1d1	and, Texas	79701	
			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
6. Were all operators listed in Item 5 ab	ove notified and furnished a	opy of this applica	tion? YES	NO If answer is yes, give date
of such notification				
CERTIFICATE: I, the undersigned,				
under my supervision and direction and t	sany), and that I am authorized	by said company t	o make this repo	ort; and that this report was prepared
under my supervision and direction and t	nat the facts stated therein a	e true, correct and	complete to the	best of my knowledge.
			strative approval	gnature I, the New Mexico Oil Conservation Commission's Santa Fe office. If,
				, the application will then be processed.
	ion will result in an unorthod	x well location an	d/or a non-stand	ard proration unit in either or both of
The state of the s			energia e e quene presenta e entrete de la cer-	a series and the series of the

1980' FNL & 1980' FEL Section 23, T-208, R-24E EDDY COUNTY, NM

13-3/8" 54# STC K-55 set at 500' w/430 sx. cement circulated 5 Centralizers spaced 100' apart.

9-5/8" 36# STC K-55 set at 1200' w/593 sx. cement circulated 12 Centralizers spaced 100' apart.

C-75. Inter

2-3/8" CSCB Hyaril 4.6# C-75. Internally plastic coat

Baker Model 'A-5' Dual Hydrostatic Retrievable packer @ 7500'

Cisco perforation at approximately 7800'. To be produced by gas lift.

100' of 2-3/8" Monel coated blast joint.

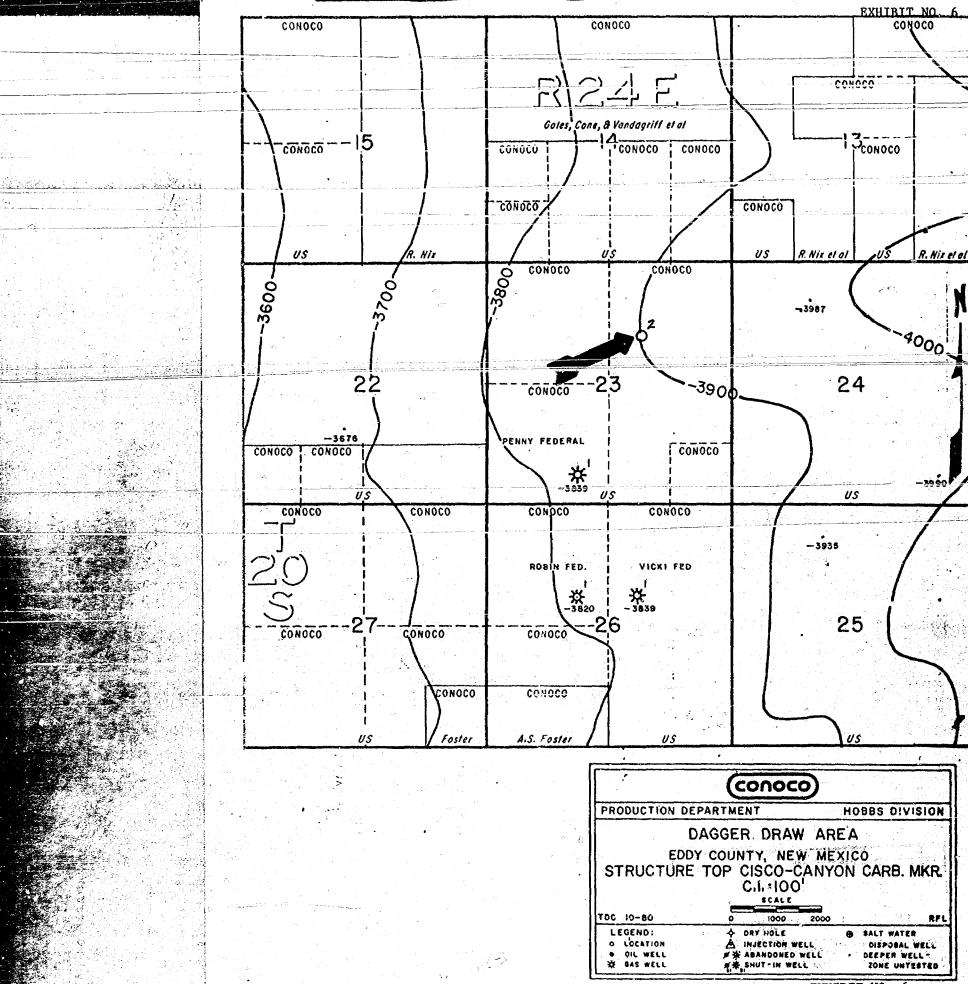
2-3/8" CSCB Hydrill 4.6# C-75 internally plastic coated.

Baker Model "DB" packer @ 8900' w/mill out extension, Model "F" SN. 1 joint 2-3/8" tubing, Model 'F' SN and a Muleshoe production tube. While with the 1700 40 2300 periodic Proposed Morrow perforations at approximately 9000'.

7" 26# K-55 BTRC & N-80 LTC set @ 9702' w/788 sx. 10C est. @ 5400'. 36 centralizers spaced 40' apart. 30 scratchers spaced 15'apart.

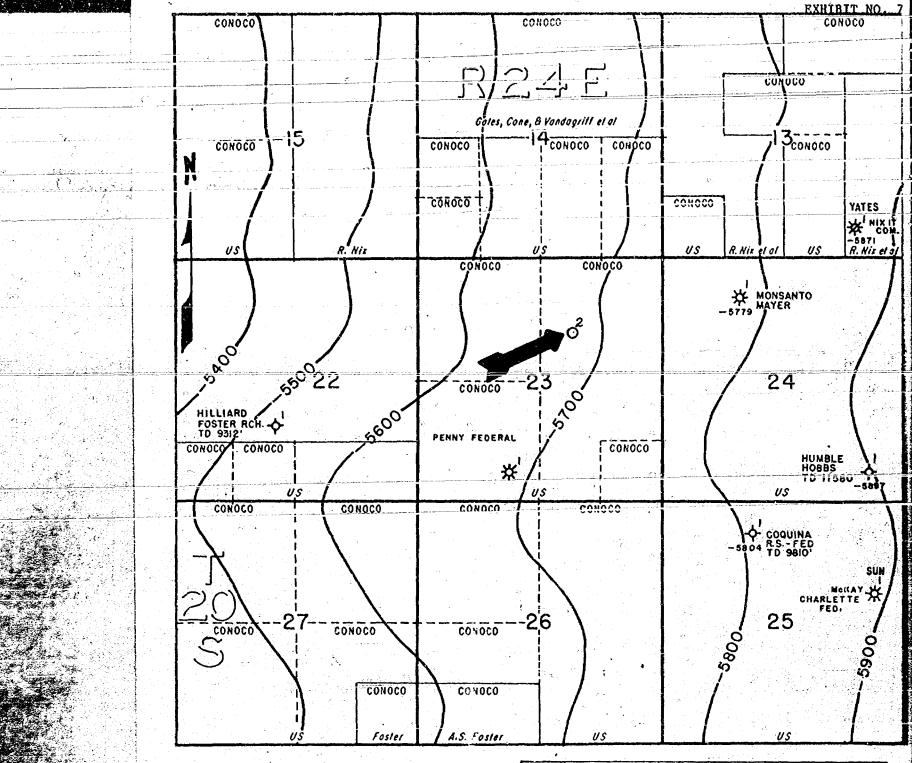
PROPOSED WELLBORE

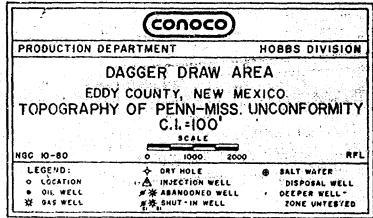
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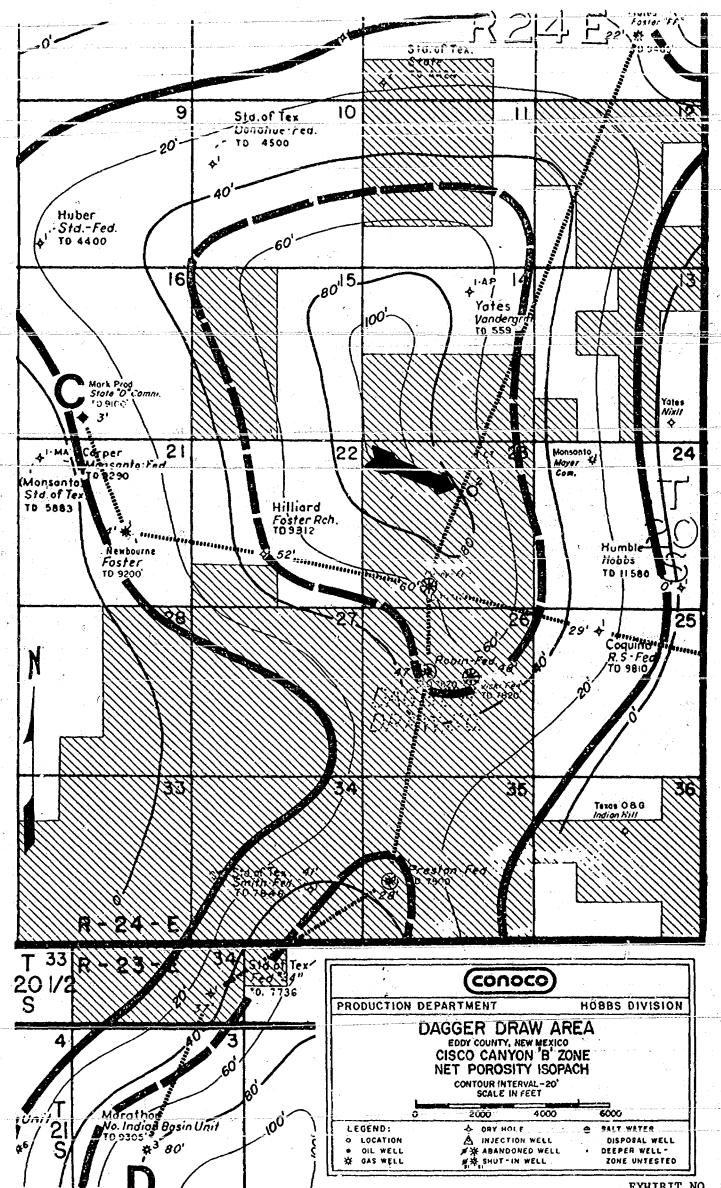


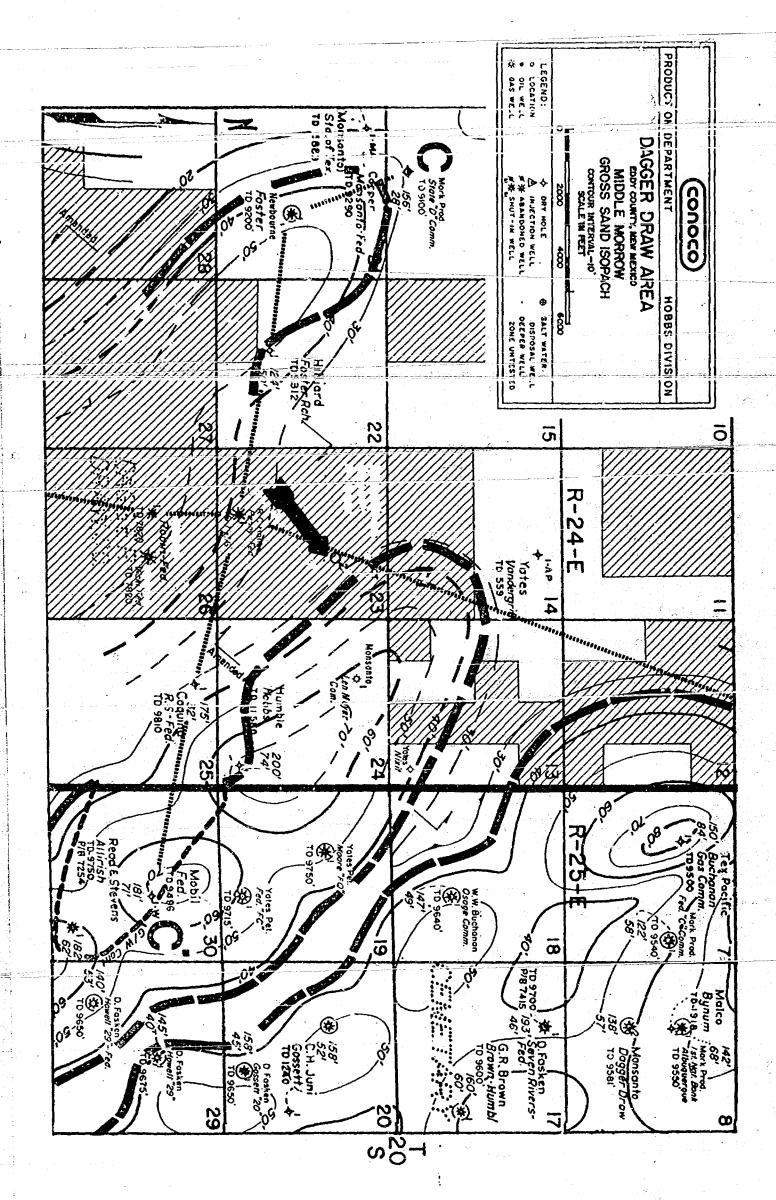
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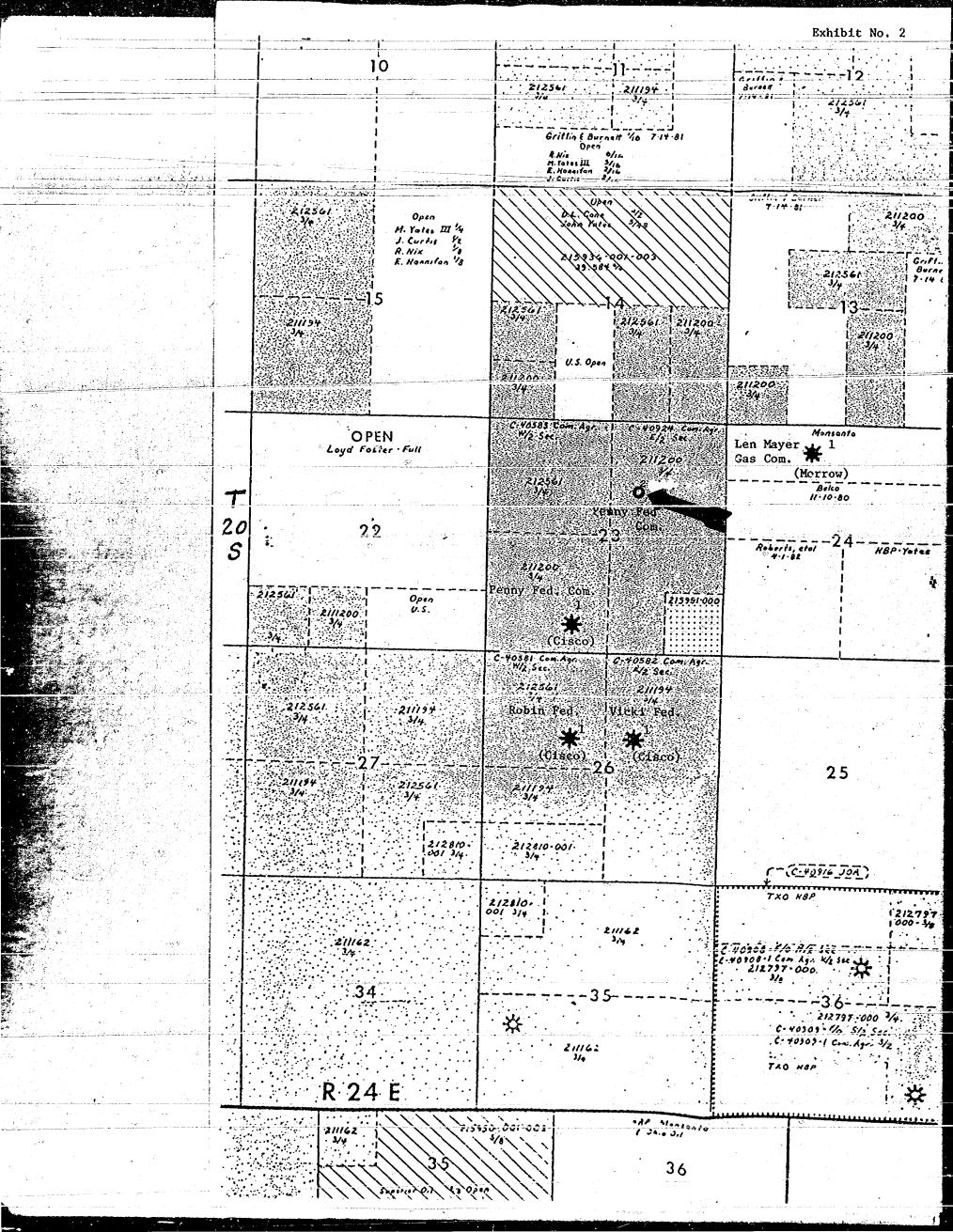




WELL LOCATION AND ACREAGE DEDICATION PLAT

8.34.4.12

All distances must be free and autor bemiented in the section Conoco Panny Unit Letter 24 20 **south** Eddy Actual Footage Location of Welli east 1650 narth Ground Level Elev Producing Formation 3627.Ū ~3<u>2</u>0 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 No 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 and laterosts, has been approved by the Commis-CERTIFICATION I hereby certify that the information con Proposed Proration Unit for both Cisc and Morrow Hugh A. Ingram Position Conservation Coordin CONOCO Date October 3, 1980 and correct to the best of my wiedoe and belief. Date Surveyed 9-15-80 Registered Professional Engineer and/or Land Surveyor PATRICK A. ROMERO 1920 1490 3860 231C Eidson Ronald





ζ,γ

NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

5-1-61

APPLICATION FOR MULTIPLE COMPLETION

	1.12	County		Date	
CONOCO INC.	,	Edd;	<u> </u>	Well No.	ctober 1, 1980
Address	None Manufact	Lease		l l	
P.O. Box 460, Hobbs,		Township	nv Federal Co		2
	ection	Lyowingurb	000	Range	
or Well G 1. Has the New Mexico Oil Conservatio	23	l	205	<u> </u>	24E
			muttiple completion	or a went in t	nese same poors or in the
same zones within one mile of the su					
. If answer is yes, identify one such in	stance: Order No.		Operator, Lease, ar	id Well No.;	
. The following facts are submitted:	Upper Zone		Intermediate Zone		Lower Zone
a. Name of Pool and Formation	Cisco		······································		Morrow
b. Top and Bottom of					TOTAL TOTAL
Pay Section	(Est.) 7550' - 8	82351		1	(Est.) 9000' - 93
(Perforations)	(2021) 7550	-	* .		(ESE.) 9000 - 93
c. Type of production (Oil or Gas)	905				oadii ili ka
d. Method of Production			The second second second		XX
(Flowing or Artificial Lift)	artificial lif	.			floridae
. The following are attached. (Please			7		flowing
have been furnished copie No d. Electrical log of the well of thereon. (If such log is not List all offset operators to the lease of the Monsanto Company	or other acceptable log wit available at the time appl on which this well is locat	ication is file	d, it shall be submit ith their correct mail	ed as provide	and the second of the second o
1330 Midland Nat'l Bank	Tower 41	l Petrole	ım Bldg.		Unknown
500 West Texas	204	4 W. Texas			
Midland, Texas 79701	Mi;	dland, Te	as 79701		
Midland, Texas 79701	Mi.	dland, Te	(as 79701		
				NO	. If answer is ves, rive date
. Were all operators listed in Item 5 abo				NO	. If answer is yes, give date
				NO	. If answer is yes, give date
. Were all operators listed in Item 5 abo of such notification	ve notified and furnished	copy of this	application? YES_		
. Were all operators listed in Item 5 abo of such notification	ove notified and furnished on the notified and furnished on the notified and furnished and fu	copy of this	application? YES_	the Hob	he Division
Were all operators listed in Item 5 about of such notification CERTIFICATE: I, the undersigned, a Conoco Inc. (compa	ove notified and furnished on the Diversity of the last I am the Diversity, and that I am authorically in the last I am author	a copy of this vision Man zed by said co	application? YES	theHob	he Division at this report was prepared
. Were all operators listed in Item 5 about of such notification	ove notified and furnished on the Diversity of the last I am the Diversity, and that I am authorically in the last I am author	a copy of this vision Man zed by said co	application? YES	theHob	he Division at this report was prepared
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. Were all operators listed in Item 5 abo of such notification	ove notified and furnished of the control of the co	a copy of this vision Man zed by said con are true, con	application? YES_nager of of ompany to make this ect and complete to administrative appr	the Hob report; and th the best of m Signature oval, the New	at this report was prepared knowledge. Mexico Oil Conservation

13-3/8" 54# STC K-55 set at 500' w/430 sx. cement circulated 5 Centralizers spaced 100' apart.

EDDY COUNTY, NM

9-5/8" 36# STC K-55 set at 1200' w/593 sx. cement circulated 12 Centralizers spaced 100' apart.

2-3/8" CSCB Hydril 4.6# C-75. Internally plastic coated.

Baker Model 'A-5' Dual Hydrostatic Retrievable packer @ 7500'

Cisco perforation at approximately 7800'. To be produced by gas lift.

100' of 2-3/8" Monel coated blast joint.

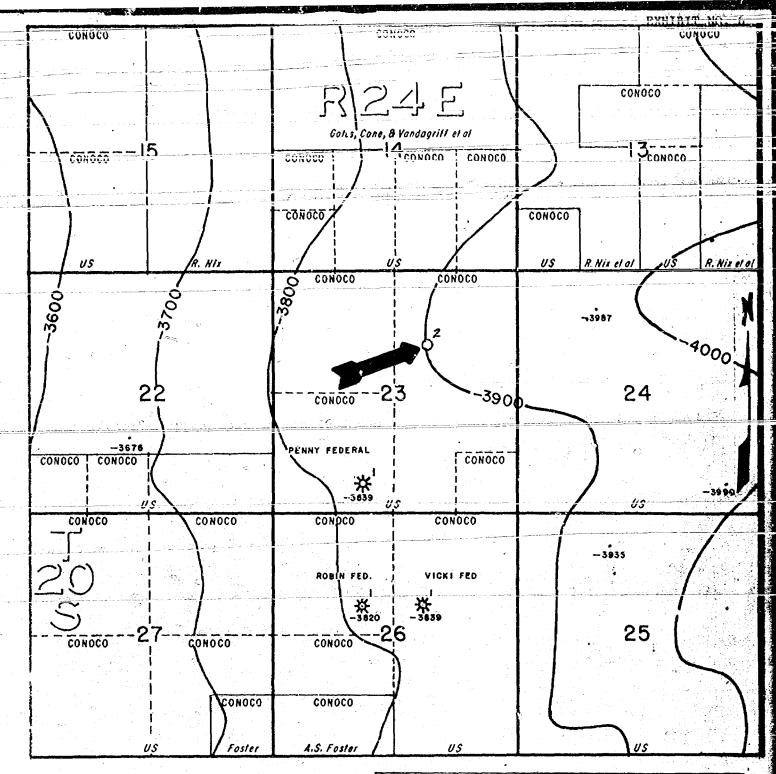
- 2-3/8" CSCB Hydrill 4.6# C-75 internally plastic coated.

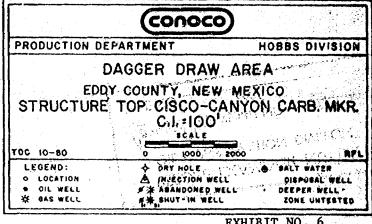
Baker Model "DB" packer @ 8900' w/mill out extension, Model "F" SN. 1 joint 2-3/8" tubing, Model 'F' SN and a Muleshoe production tube.

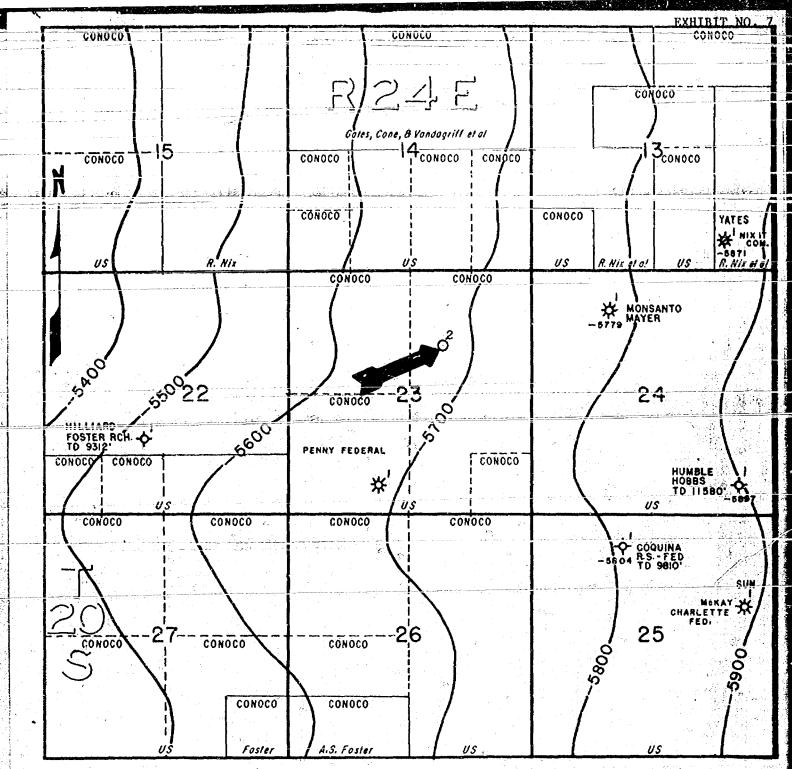
Proposed Morrow perforations at approximately 9000'.

7" 26# K-55 BTRC & N-80 LTC set @ 9702' w/788 sx. TOC est. @ 5400'. 36 centralizers spaced 40' apart. 30 scratchers spaced 15'apart.

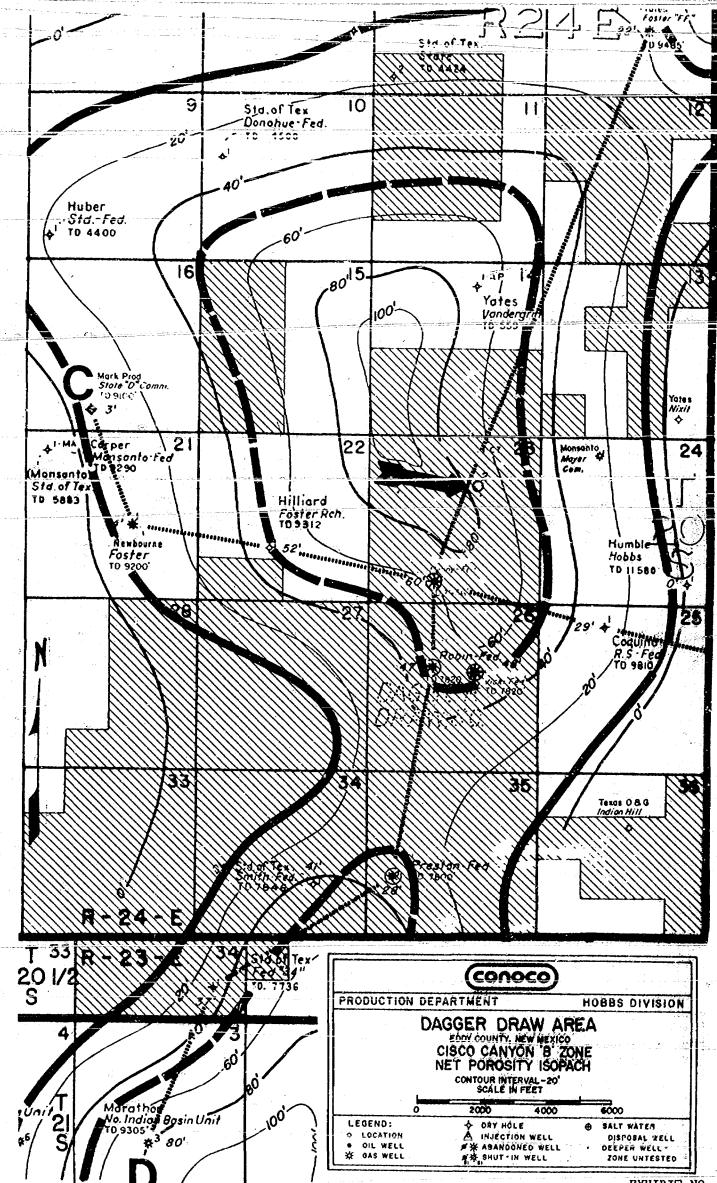
PROPOSED WELLBORE

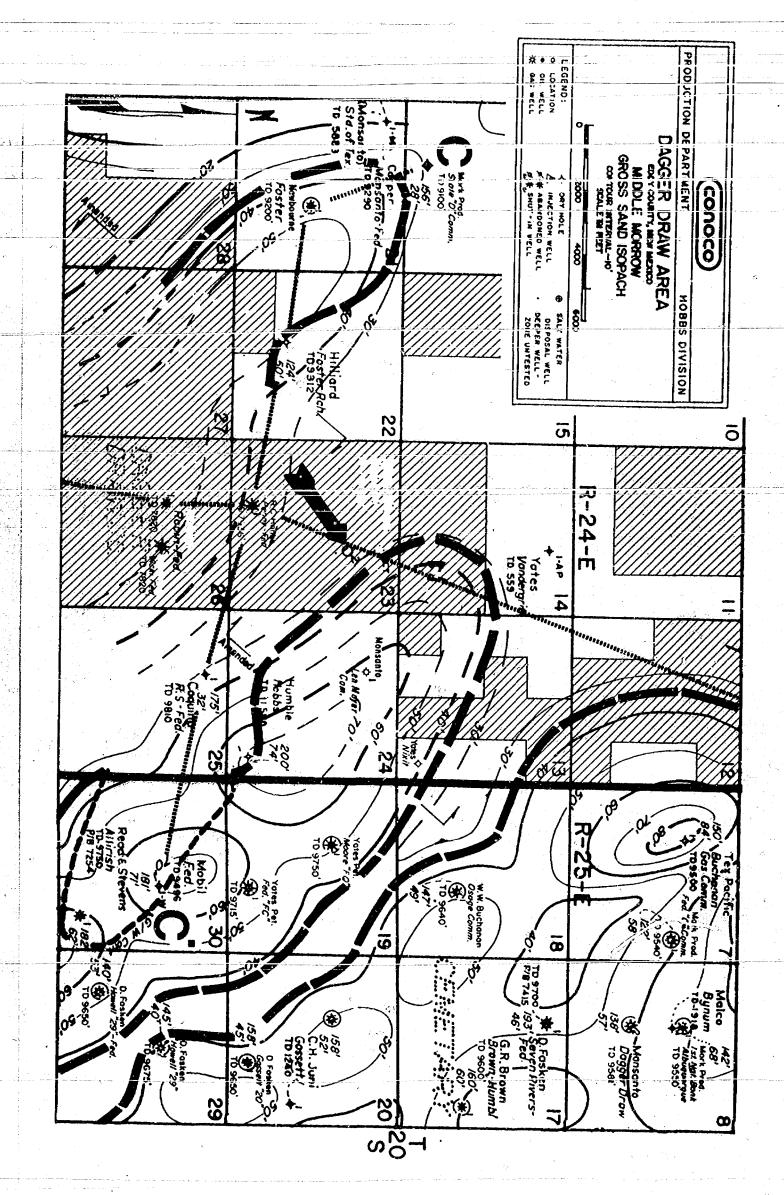






1.	Conoco	
PRODUCTION DE	PARTMENT	HOBBS DIVISION
C	AGGER DRAW AF	REA
EDD' TOPOGRAPH'	Y COUNTY, NEW ME Y OF PENN-MISS. C.I. = 100	XICO UNCONFORMITY
NGC 10-80	0 1000 2000	THOSE STATES RPL
LEGEND:	ORY HOLE	A SALT WATER
O LOCATION OIL WELL OR GAS WELL	A INJECTION WELL *** ** ** ** ** ** ** ** **	DISPOSAL WELL DEEPER WELL ZONE UNTESTED



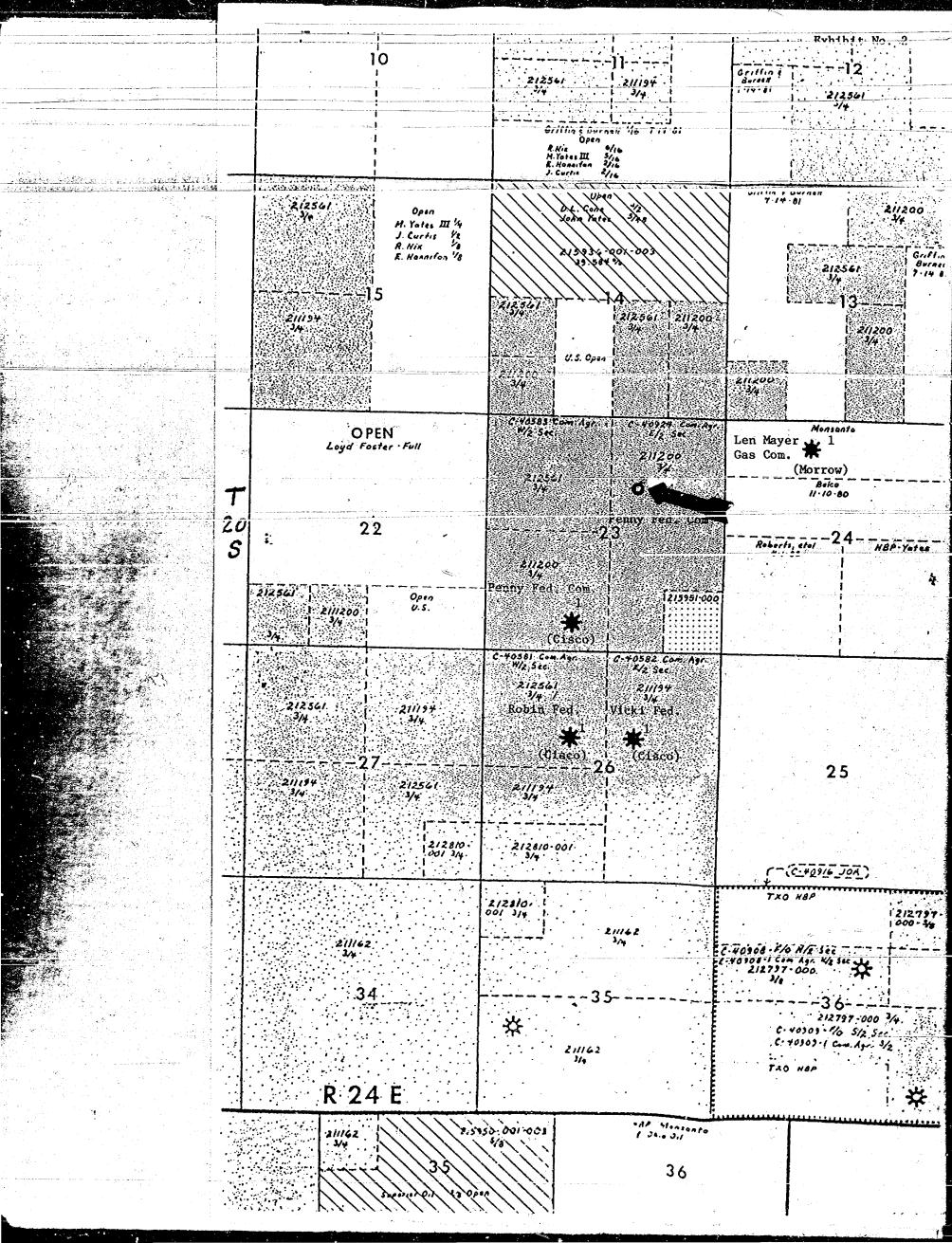


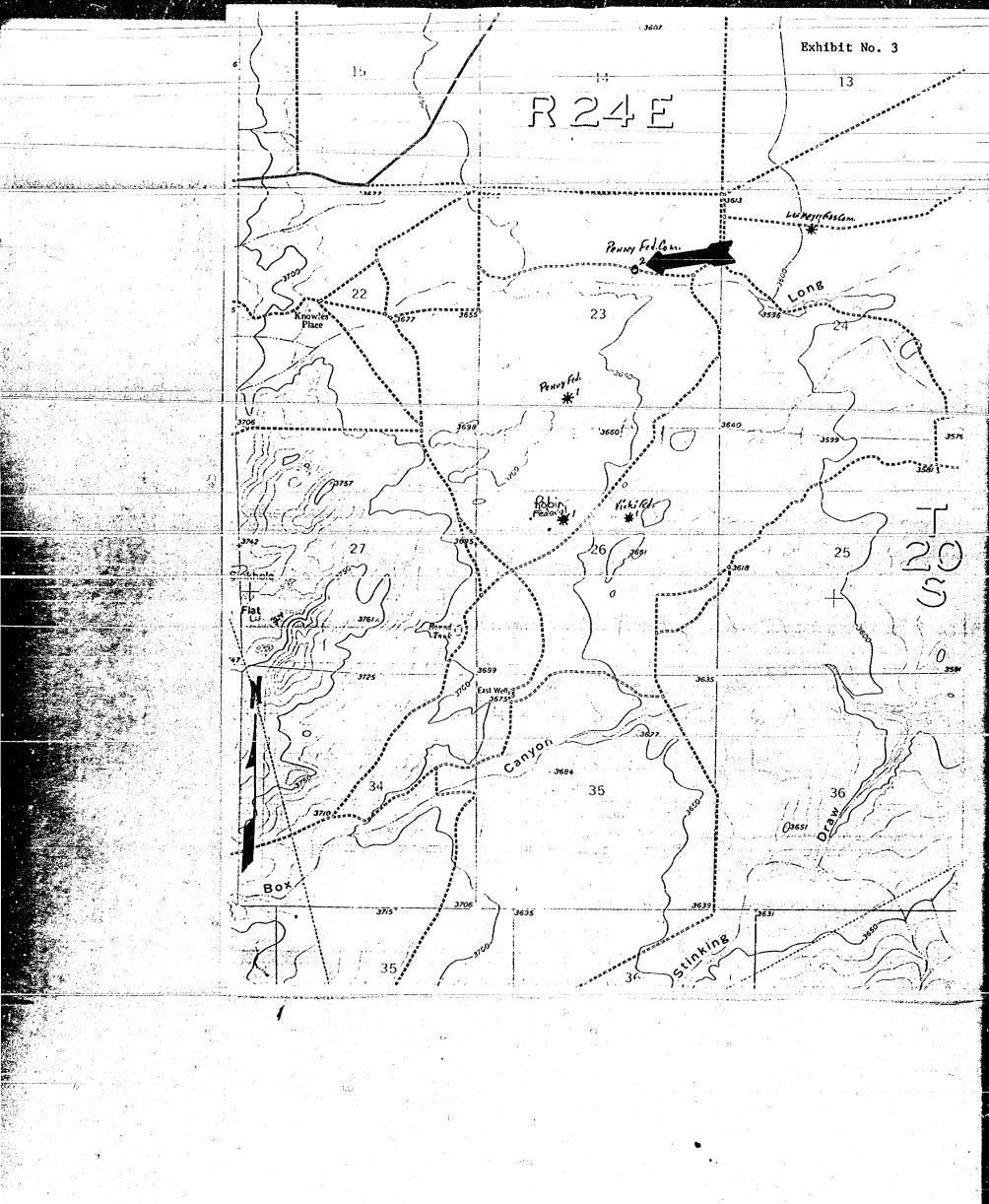
NEW MEXICO OIL CONSERVATION COMMISSION WELL LUCATION AND ACREAGE DEDICATION PLAT

Exhibit No. 1

Form C-102
Supersedes C-128
Ellective 1-1-65

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Letter · Section			NGA.		County		
ual Facilian al	23 20	90 uth		east	L Eddy	~~~~~	
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I. Outline the acre	ago dedicated to the	subject: well	by color-	ed pencil o	r hachure marks o	on the pla	t below.
2. If more than one	e lease is dedicated	to the well,	outline es	ich and ide	ntify the ownersh	in thereo	(both as to work
interest and toye	lky).			e i jar			
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	itization, unitization			the west,	nave the interest	9 OI 261] (Where Deen conso
Carlos Lancing Control				•	•		••
Yes N	lo If answer is "	yes;" type of	consolida	tion			
if answer is "no	!' list the owners an	d tract descri	otiona-wh	leb have e	tually been cone	olidaled	[]'se reverse =: 4-
this form if neces			r (; "			~	Ante icaciae side
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forced-pooling, or	otherwise) or until a						
sion.					4	<u> </u>	
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	and Morrow	<u> 9</u>					
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		lei dei	MGNEER	- 1980 - 1980	Cons Compa Date Oc	conoco tober : may certify on an this p	INC. 3. 1980 That the well locate of the was plotted from fine surveys made by me
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		ie. Missilan	NGINEER STAVE	SURVEY OF	Cons Compa Date Oc I he show note: unds is it	conoco tober : roby certify on an this p of octual or my superv	INC. 1980 that the well locate lat was plotted from financiary mode by me vision, and that the same of the best of
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		REG. PAPP.	GONEER 676	SURVEYOR TO THE STATE OF THE ST	Cons Compa Compa Date Oc I he show note unds Is in know Date S	conoco tober mby certifi in an this p of octual r my superviue and co ledge and b	INC. 1. 1980 That the well locate lat was plotted from fine surveys mode by me vision, and that the source; to the best of eliaf. 9-15-80 Stonal Engineer





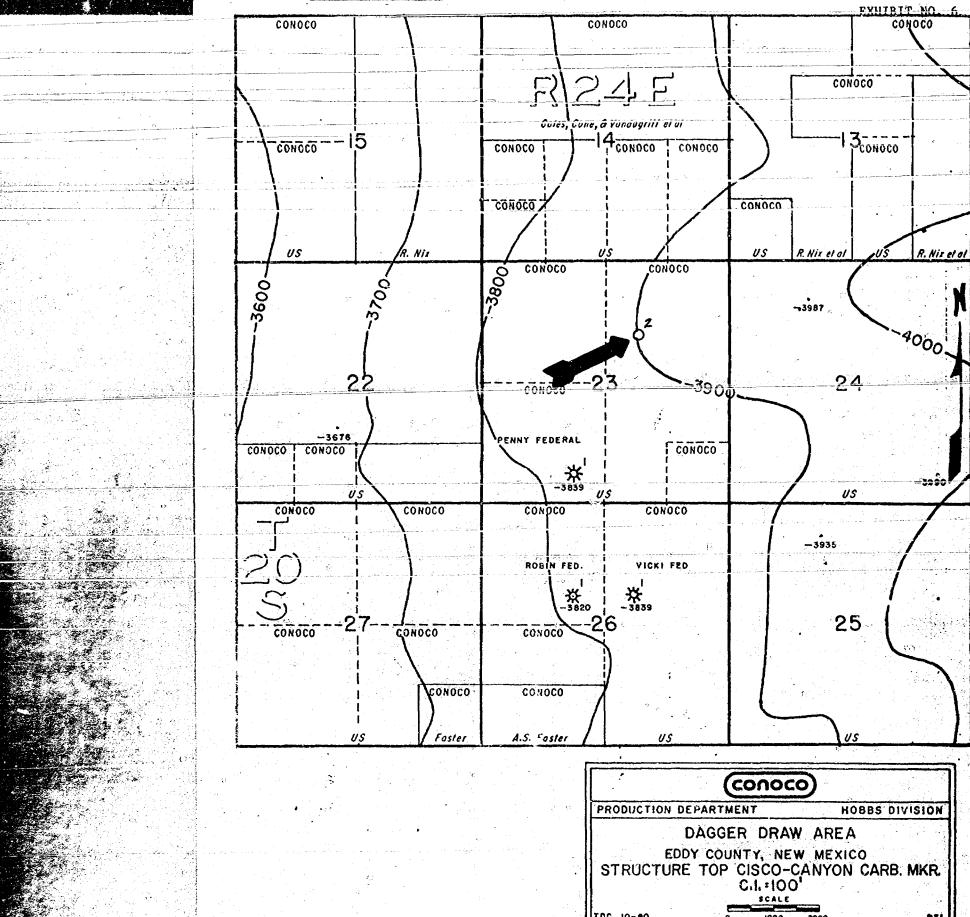
5-1-61

SANTA FE, NEW MEXICO

ADDITION	FOR	MULTIPLE	COMP	LETION

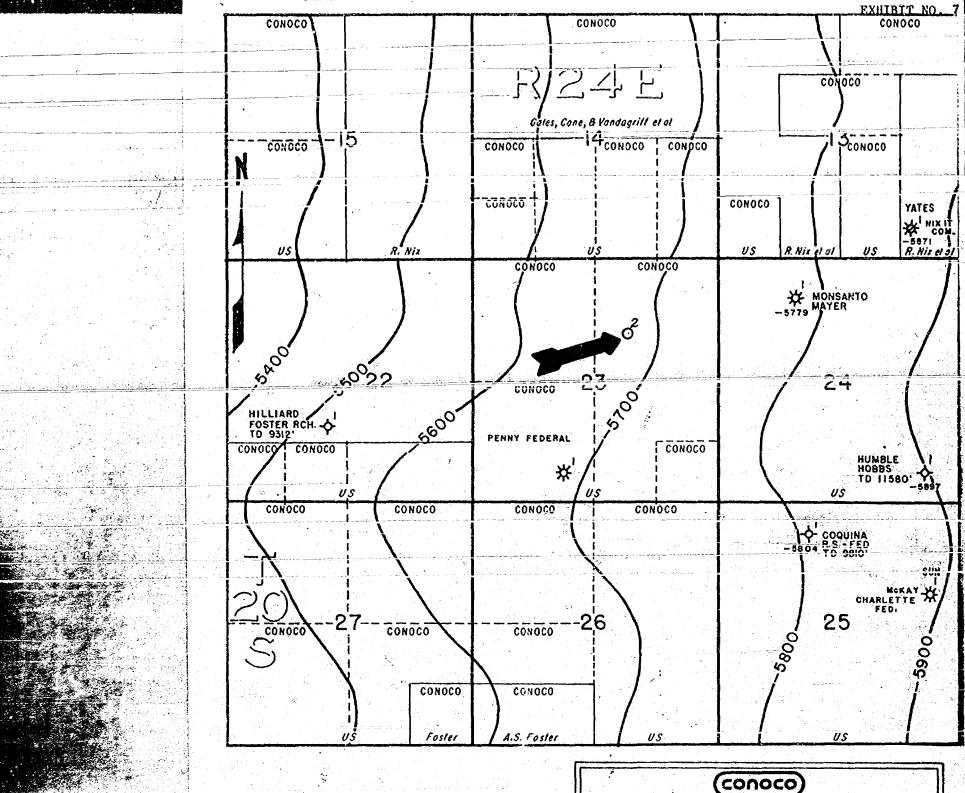
Operator		County		Date
CONOCO INC.		Ec	ldy	October 1, 1980
Address		Lease		Well No.
P.O. Box 460, Hobbs,	New Mexico		enny Federal Com.	
A 1900 - Hiller was bring to annual formation in	action — — — — — — — — — — — — — — — — — — —	i i emaca:p		imuse
or Well G	23		205	24E
i. Has the New Mexico Oll Conservation		21		a well in mese same pools of in the
same zones within one mile of the su . If answer is yes, identify one such in			; Operator, Lease, and %	Fell No.:
. The following facts are submitted:	Upper Zone	. 1	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	Cisco			Morrow
b. Top and Bottom of				
Pay Section	(Est.) 7550' -	82351		(Est.) 9000' - 936
(Perforations)		61.2		
c. Type of production (Oil or Gas)	gas	1	<u></u>	gas
d. Method of Production	Land De martin			
(Flowing or Attificial Lift)	artificial 14	<u>ft</u>	The second secon	ETOMINS
. The following are attached. (Please	mark 125 of ((O)			on which grows a new region of level in
all all Manifesters and a second all a second and a second and a second and a second and a second as	available at the time ap	plication is f	iled, it shall be submitted	s and intervals of perforation indicated as provided by Rule 112-A.) address.
Monsanto Company	B	elco Peti	oleum	Roberts, et al
1330 Midland Nat'l Bank	Tower 4	11 Petrol	eum Bldg.	Unknown
500 West Texas	2	04 W. Tex	(as	
Midland, Texas 79701	N.	Hdland, T	Cexas 79701	
. Were all operators listed in Item 5 about of such notification	ve notified and furnishe	d a copy of th	nis application? YES	NO If answer is yes, give date
CERTIFICATE: I, the undersigned, a	itate that I am tha	dyleien 1	lananar af ek-	Wohle Division
and the second of the second o				ort; end that this report was prepared
nder my supervision and direction and th				
		· 4		
			The state of the s	gnature
				l, the New Mexico Oil Conservation Commission's Santa Fe office. If,
after said twenty-day period, no	protest nor request for h on will result in an uno	earing is rece rthodox well l	ived by the Santa Pe office ocation and/or a non-stand	e, the application will then be processed and proration unit in either or both of
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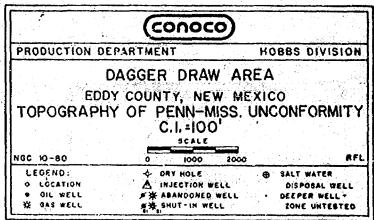
PROPOSED WELLBORE

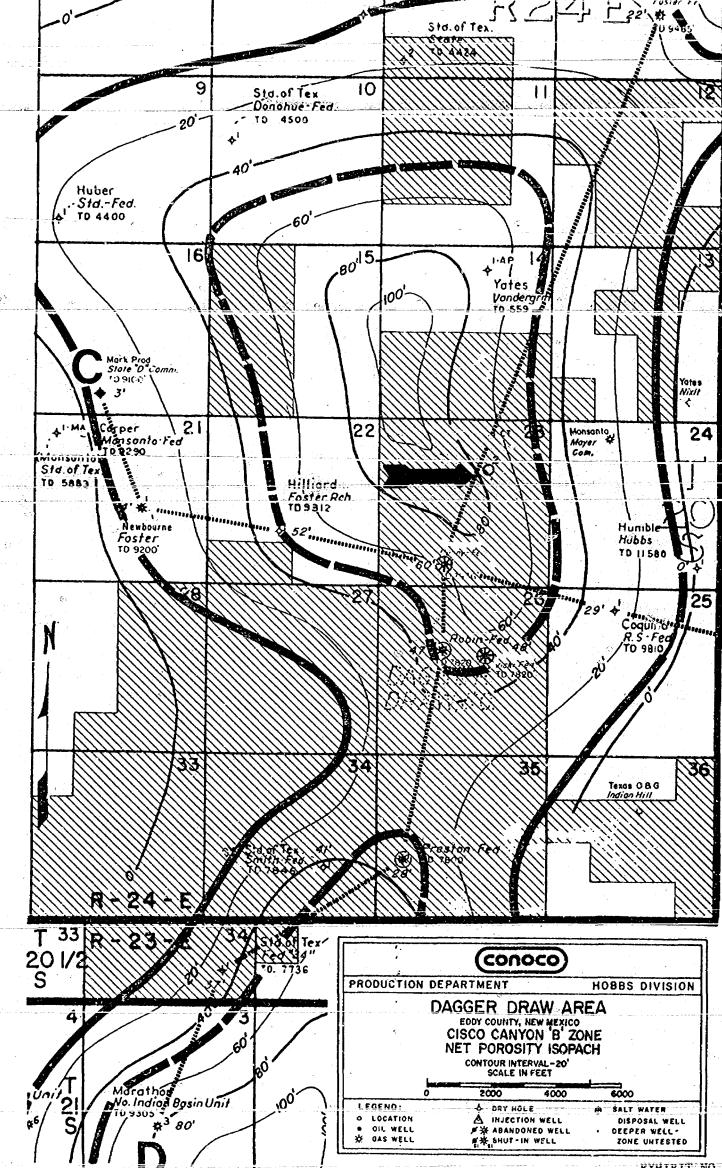


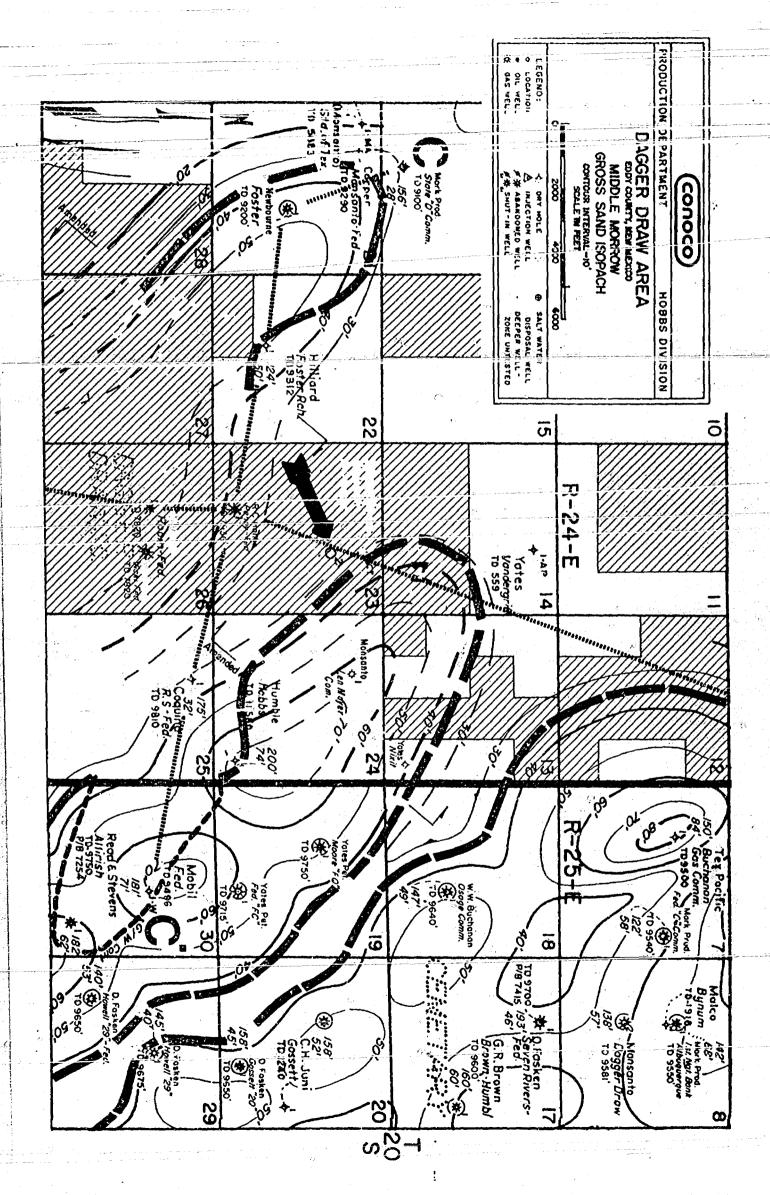
TOC 10-60 1000 LEGEND:
O LOCATION
O COL WELL
WELL SALT WATER DISPOSAL WELL DEEPER WELL -ZONE UNTESTED ORY HOLE 声楽 ABANDONED WELL 東京 SHUT - IN WELL

EXPIRIT NO. 6











L. P. Thompson Division Manager

John R. Kemp Assistant Division Manager P.O. Box 460 1001 North Turner Hobbs, NM 88240 (505) 393-4141

Production Department Hobbs Division North American Production

October 3, 1980

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

Attention Mr. Dan Nutter

Case 7068

Gentlemen:

Application For Approval to Dually Complete - Penny Federal Com. Well No. 2. Section 23, 1-205, R-24E, Eddy County, New Mexico

Attached are three copies of the subject application. Please schedule this case on the first available Examiner Docket.

Very truly yours,

HAI:rej

Enc

CC

Tom Kellahin

Vic Lyon

- CASE 7065: Application of El Paso Natural Gas Company for twelve non-standard proration units, Rio Arriba County, New Mexico. Applicant, in the above-styled cause, seeks approval for the establishment of eight non-standard proration units for Pictured Cliffs wells to be drilled in the W/2 of partial Sections 6, 7, 18, 19, 30 and 31 of Township 30 North, Range 4 West, and four non-standard proration units for Pictured Cliffs wells in partial Sections 7, 0, and y of Township 28 North, Range 4 West.
- Application of Conoco Inc. for a dual completion, Lea County, New Mexico.

 Applicant, in the above-styled cause, seeks approval for the dual completion of its Britt "B" Well No.

 27 located in Unit C of Section 15, Tournship 20 South, Ranke 37 tast: to produce oil from the Unit.

 District or an undesignated Blinebry pool and an undesignated Abo pool.
- CASE 7067: Application of Conoco Inc. for a dual completion, Eddy County, New Mexico.

 Applicant, in the above-styled cause, sceks approval for the dual completion of its Dagger Draw Com.

 Well No. 4 located in Unit J of Section 25, Township 19 South, Range 24 East, to produce oil from the North Dagger Draw-Upper Penn Pool and gas from an undesignated Morrow pool.
- CASE 7068: Application of Conoco Inc. for a dual completion and an unorthodox well location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the dual completion of its Penny Federal Com. Well No. 2 at an unorthodox location 1650 feet from the North line and 1980 feet from the Eact line of Section 23, Township 20 South, Range 24 East, to produce oil from the South Dagger Draw-Upper Penn Pool and gas from an undesignated Horrow pool.
- CASE 7069: Application of Anedarko Production Company for an unorthodox gas well location, Eddy County, New Mexico.

 Applicant, in the above-styled cause, seeks approval for the unorthodox location of a Morrow test well to be drilled 660 feet from the South and East lines of Section 4, Township 19 South, Range 25 East, the S/2 of said Section 4 to be dedicated to the well.
- CASE 7070: Application of Tausto retroleum Corporation for a priot caustic thood project, McKinley County, New Mexico. Applicant, in the above-styled cause, seeks authority to institute a one-acre pilot caustic flood project in the Hospah Field by the injection of caustic fluid into the Seven Lekes Sand of the Upper Hospah Field at an approximate depth of 300-500 feet through four injection wells in Unit K of Section 1, Township 17 North, Range 9 West:
- CASE 3071: Application of Jake L. Hamon for an unorthodox well location and simultaneous dedication, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for the simultaneous dedication of a 640-acre proration unit comprising all of Section 17, Township 20 South, Range 36 East, North Osudo-Morrow Pool, to its Amerada Federal Well No. 2 located in Unit F and its Amerada Federal Well No. 3, to be drilled at an unorthodox location 1650 feet from the South line and 660 feet from the Zeet line of said Section 17.
- CASE 6668: (Reopened and Readvertised)

In the matter of Case 6668 being reopened pursuant to the provisions of Order No. R-6139 which order promulgated temporary special rules and regulations for the South Culebra Bluff-Bone Spring Pool in Eddy County, New Mexico, including a provision for 80-acre spacing units. Operators in said pool may appear and show cause why the pool should not be developed on 40-acre spacing units.

CASE 7005: (Continued from September 17, 1980, Examiner Hearing)

Application of Sol West III for an NGPA determination, Eddy County, New Mexico.

Applicant, in the above-styled cause, seeks a new onshore reservoir determination in the Morrow formation for his Turkey Track-Morrow Sand Weil No. 1 in Unit I of Section 26, Township 18 South, Range 28 East.

- CASE 7072: Application of Enserch Exploration. Inc. for pool creation and special pool rules. Roosewelt County, New Mexico. Applicant, in the above-styled cause, seeks the creation of a new Pennsylvanian oil pool for its Enserch Amoco State Well No. 1 located in Unit L of Section 16, Township 4 South, Range 33 Bast, and the promulgation of special pool rules therefor, including a provision for 80-acre spacing.
- CASE 7073: Application of Enserch Exploration, Inc. for pool creation, temporary special pool rules, and assignment of a discovery allowable, Chaves County, New Mexico. Applicant, in the above-styled cause, seeks the creation of a new Fusselman oil pool for its J. G. O'Brien Well No. 1 located 1980 feet from the North line and 660 feet from the West line of Section 31, Township 7 South, Range 29 East, with special rules therefor, including provisions for 80-acre spacing, a limiting gas-oil ratio of 3000 to one and special well location requirements providing for the drilling of wells within 150 feet of the center of a quarter-quarter section. Applicant further seeks approval of a 74.24-acre proration and spacing unit and a discovery allowable for said J. G. O'Brien Well No. 1.

BEFORE THE OIL CONSERVATION DIVISION ENERGY AND MINERALS DEPARTMENT OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE APPLICATION OF CONOCO INC. FOR APPROVAL TO DUALLY COMPLETE IIS PENNI FEDERAL COM. WELL NO. 2 IN THE SOUTH DAGGER DRAW UPPER PENN AND UNDESIGNATED MORROW POOLS AT AN UNORTHODOX LOCATION 1650' FNL AND 1980' FEL OF SECTION 23, T-20S, R-24E EDDY COUNTY, NEW MEXICO

Case 7068

APPLICATION

Applicant, CONOCO INC., respectfully requests authority to dually complete its Penny Federal Com. Well No. 2, to be located 1650' FNL and 1980' FEL of Section 23, T-20S, R-24E, Eddy County, New Mexico, in the South Dagger Draw Upper Penn pool and the Undesignated Morrow pool, and in support thereof will show:

- 1. Applicant is operator and co-owner of the Penny Federal Com. Lease which in addition to other lands includes the E/2 of Section 23, T-20S, R-24E, Eddy County, New Mexico.
- 2. Applicant intends to complete in the South Dagger Draw Upper Penn (Cisco) pool and the Undesignated Morrow pool its Penny Federal Com. Well No. 2, located in Unit "G" of said Section 23 on said lease, and to dedicate the NE/4 to the Cisco and the E/2 to the Morrow.
- 3. That dual completion in the Cisco and Morrow formations will recover reserves that would not otherwise be recovered.
- 4. That no other well is known to have produced simultaneously from these two zones in these reservoirs.
- 5. That the granting of this application will prevent waste and will not impair the correlative rights of any party.

WHEREFORE, applicant respectfully requests that this application be set for hearing before the Division's duly appointed examiner, and upon hearing, an order be entered authorizing the dual completion of the Penny Federal Com. Well No. 2, as described above.

Respectfully submitted,

CONOCO INC.

P. THOMPSON

Division Manager of Production Hobbs Division

WELL LOCATION AND ACREAGE DEDICATION PLAT

Supersedes C-128 Ellective 1-1-85

All distances must be free the purity be wideren of the section 1.0054 Well No. Unit Letter **south** 24 Eddy Producing Formation 1980 lest from the Ground Level Elev. Pool Cisco South Dagger Draw Upper Penn 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 No 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 antil all interests have been consolidated (by communitization, unitiration, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commis-CERTIFICATION I hereby certify that the information con H. A. Ingram Position Conservation Coordinator CONOCO INC. October 3, 1980 I hemby certify that the well los Date Surveyed Registered Professional Eng 1880 2810 1000 800

WELL LOCATION AND ACREAGE DEDICATION PLAT

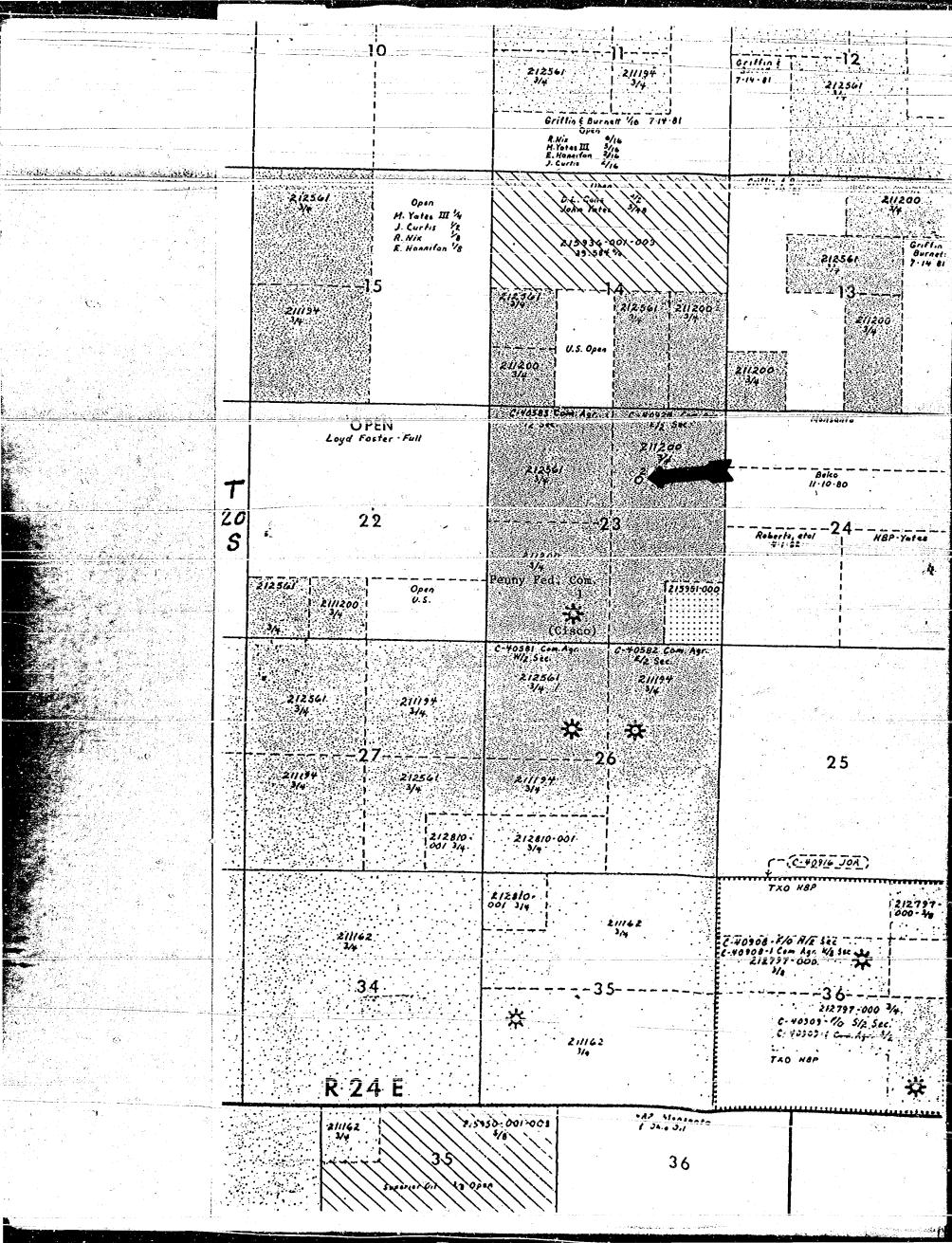
Form C-102 Supersedes C-128 Effective 1-1-65

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SANTA FE, NEW MEXICO

APPLICATION FOR MULTIPLE COMPLETION

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1. Has the New Mexico Oil Conservation Commission heretofore au same zones within one mile of the subject well? YES. 2. If answer is yes, identify one such instance: Order No. 3. The following facts are submitted: 3. The following facts are submitted: 4. Name of Pool and Formation 5. Top and Bottom of Pay Section (Perforations) 5. Type of production (Oil or Gas) 6. Type of production (Oil or Gas) 7. The following are attached. (Please mark YES or NO) NO a. Diagrammatic Sketch of the Multiple Completion, show and /or turbolizers and location thereof, quantities use and setting depth, location and type of packers and single of the submitted of all tenses offsetting applicant's lease. No c. Waivers consenting to such multiple completion from have been furnished copies of the application.* d. Electrical log of the well or other acceptable log with thereon. (If such log is not available at the time applic to the such log is not available at the time application. Monsanto Company Below Midland Nat'1 Bank Tower 411 500 West Texas 204 Midland, Texas 79701 Mid: 6. Were all operators listed in Item 5 above notified and fornished a	ving all casing string and top of cement, it ops and bottoms of cation is filed, it shad together with their co Petroleum	intermediate gs, including diamet, perforated interval auch other information of set lease, or in lieu thereof all be submitted at correct mailing a	Range 24E well in these same pools or ell No.: Lower Zone Morrow 9000¹ gas flowing meters and setting depths, ce vals, tubing strings, includin mation as may be pertinent. es, and the names and addres of; evidence that said offset of and intervals of perforation as provided by Rule 112-A.) address. Roberts, et al
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Should waivers from all offset operators not accompany an a Commission will hold the application for a period of twenty after said twenty-day period, no protest nor request for hearing. If the proposed multiple completion will require the proposed multiple completion will be applied to the proposed multiple comp	pplication for admini	istrative approval,	Commission's Santa Fe office



ENERGY AND MINERALS DEPARTMENT OF THE STATE OF NEW MEXICO

TN THE MATTER OF THE AFFLICATION OF CONOCO INC. FOR APPROVAL TO DUALLY COMPLETE ITS PENNY FEDERAL COM. WELL NO. 2 IN THE SOUTH DAGGER DRAW UPPER PENN AND UNDESIGNATED MORROW POOLS AT AN UNORTHODOX LOCATION 1650' FNL AND 1980' FEL OF SECTION 23, T-20S, R-24E EDDY COUNTY, NEW MEXICO

22.68 Z 188.6 X 18.2

Case 7068

APPLICATION

Applicant, CONOCO INC., respectfully requests authority to dually complete its Penny Federal Com. Well No. 2, to be located 1650' FNL and 1980' FEL of Section 23, T-20S, R-24E, Eddy County, New Mexico, in the South Dagger Draw Upper Penn pool and the Undesignated Morrow pool, and in support thereof will show:

- 1. Applicant is operator and co-owner of the Penny Federal Com. Lease which in addition to other lands includes the E/2 of Section 23, T-20S, R-24E, Eddy County, New Mexico.
- 2. Applicant intends to complete in the South Dagger Draw Upper Penn (Cisco) pool and the Undesignated Morrow pool its Penny Federal Com. Well No. 2, located in Unit "G" of said Section 23 on said lease, and to dedicate the NE/4 to the Cisco and the E/2 to the Morrow.
- 3. That dual completion in the Cisco and Morrow formations will recover reserves that would not otherwise be recovered.
- 4. That no other well is known to have produced simultaneously from these two zones in these reservoirs.
- 5. That the granting of this application will prevent waste and will not impair the correlative rights of any party.

WHEREFORE, applicant respectfully requests that this application be set for hearing before the Division's duly appointed examiner, and upon hearing, an order be entered authorizing the dual completion of the Penny Federal Com.

Well No. 2, as described above.

Respectfully submitted.

CONOCO INC.

Division Manager of Production

Hobbs Division

NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-12

Conoco Inc.				Lease Well No.				
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NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102 Supersodes C-128 Ellective 1-1-85

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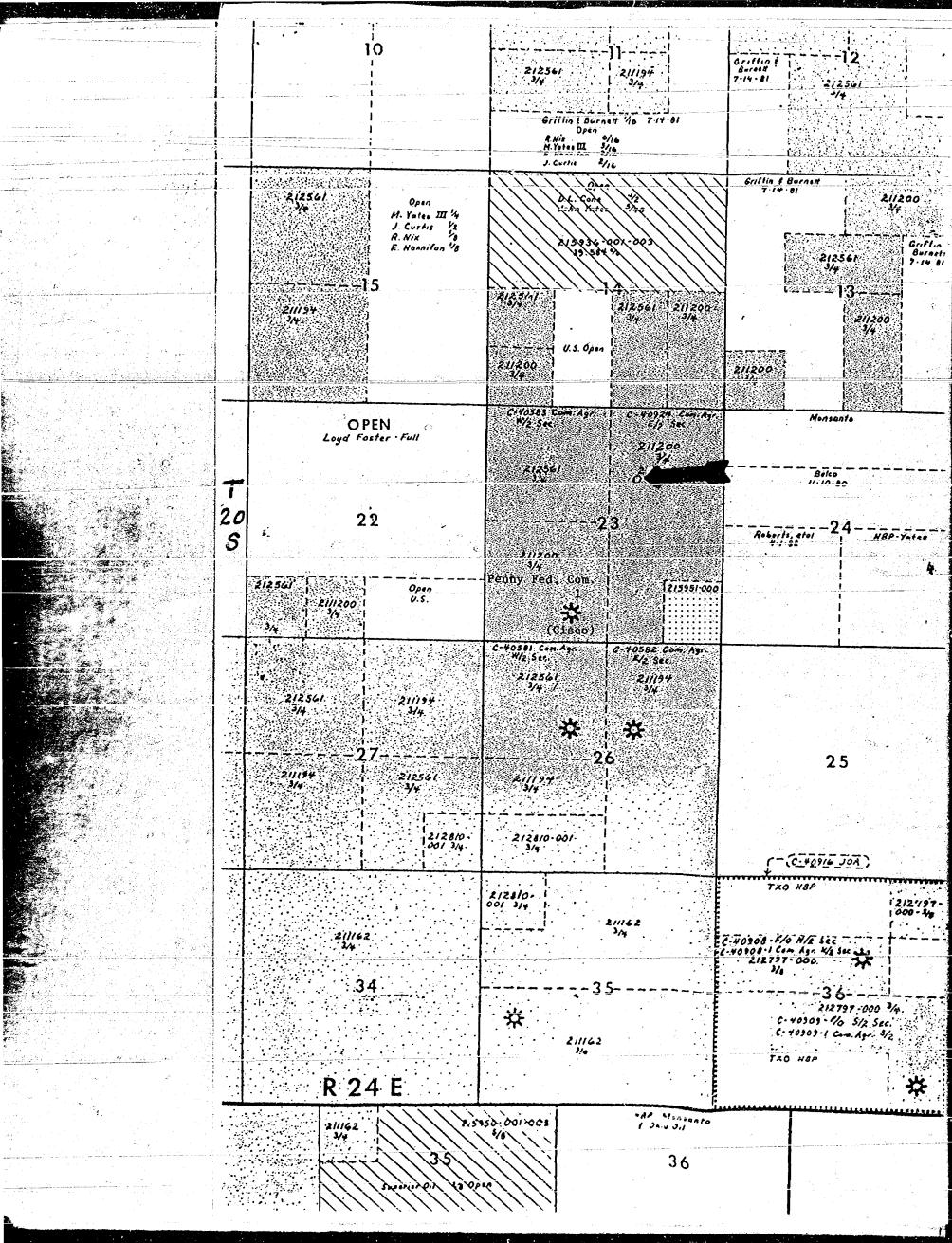
NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE. NEW MEXICO

5-1-61

APPLICATION_FOR_MULTIPLE_COMPLETION___

Operator CONOCO TNC		County	PAdv	Date	tohan 1 1000
CONOCO INC.		Lease	Eddy	ער וו-ש	tober 1, 1980
Address P.O. Box 460, Hol	bbs; New Mexico	i =	Rederal Com.	1 2	<u>منگیب بهشدن با دید در استان با در </u>
·	ection	Township		Range	
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1. Has the New Mexico Oil Conservation			nultiple completion of	a well in the	ese same pools or in the
same zones within one mile of the su			Onescent I · ·	Wali M	
2. If answer is yes, identify one such in	stance: Older No.	i	Operator, Lease, and	Well No.1	
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3. The following facts are submitted:	Unner		Intermediate		Lower
	Upper Zune		Zone		Zone
a. Name of Pool and Formation	Cisco		L		Morrow
b. Top and Bottom of	75501				90001
Pay Section (Perforations)					
c. Type of production (Oil or Gas)	011		and the second s		gas
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(Flowing or Artificial Lift)	artificial lif	t	<u></u>		flowing
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have been furnished copie No . Electrical log of the well thereon, (If such log is not List all offset operators to the lease	or other acceptable log wit available at the time appli on which this well is locat	th tops and bott ication is filed ted together wit	oms of producing zon, it shall be submitted the their correct mailing	es and interv d as provided g address.	als of perforation indicate by Rule 112-A.)
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Midland, Texas 79701	<u> </u>	iland, Texa	as 79701		
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6. Were all operators listed in Item 5 abo	ove notified and furnished a	a copy of this s	ipplication? YES	_ NO	If answer is yes, give da
of such notification				1.	4
		4.5	4		
CERTIFICATE: I, the undersigned, a			n Manager of th		Division
Conoco Inc. (comp	any), and that I am authorize	zed by said con	npany to make this re	port; and that	this report was prepared
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BEFORE THE OIL CONSERVATION DIVISION ENERGY AND MINERALS DEPARTMENT OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE APPLICATION OF CONOCO INC. FOR APPROVAL TO DUALLY COMPLETE ITS PENNY FEDERAL COM. WELL NO. 2 IN THE SOUTH DAGGER DRAW UPPER PENN AND UNDESIGNATED MORROW POOLS AT AN UNORTHODOX LOCATION 1650' FNL AND 1980' FEL OF SECTION 23, T-20S, R-24E EDDY COUNTY, NEW MEXICO

Case 7068

APPLICATION

Applicant, CONOCO INC., respectfully requests authority to dually complete its Penny Federal Com. Well No. 2, to be located 1650' FML and 1980' FEL of Section 23, T-20S, R-24E, Eddy County, New Mexico, in the South Dagger Draw Upper Penn pool and the Undesignated Morrow pool, and in support thereof will show:

- 1. Applicant is operator and co-owner of the Penny Federal Com. Lease which in addition to other lands includes the E/2 of Section 23, T-20S, R-24E, Eddy County, New Mexico.
- 2. Applicant intends to complete in the South Dagger Draw Upper Penn (Cisco) pool and the Undesignated Morrow pool its Penny Federal Com. Well No. 2, located in Unit "G" of said Section 23 on said lease, and to dedicate the NE/4 to the Cisco and the E/2 to the Morrow.
- 3. That dual completion in the Cisco and Morrow formations will recover reserves that would not otherwise be recovered.
- 4. That no other well is known to have produced simultaneously from these two zones in these reservoirs.
- 5. That the granting of this application will prevent waste and will not impair the correlative rights of any party.

WHEREFORE, applicant respectfully requests that this application be set for hearing before the Division's duly appointed examiner, and upon hearing, an order be entered authorizing the dual completion of the Penny Federal Com Well No. 2, as described above.

Respectfully submitted,

CONOCO INC.

P. THOMPSON

Division Manager of Production

Hobbs Division

NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

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NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

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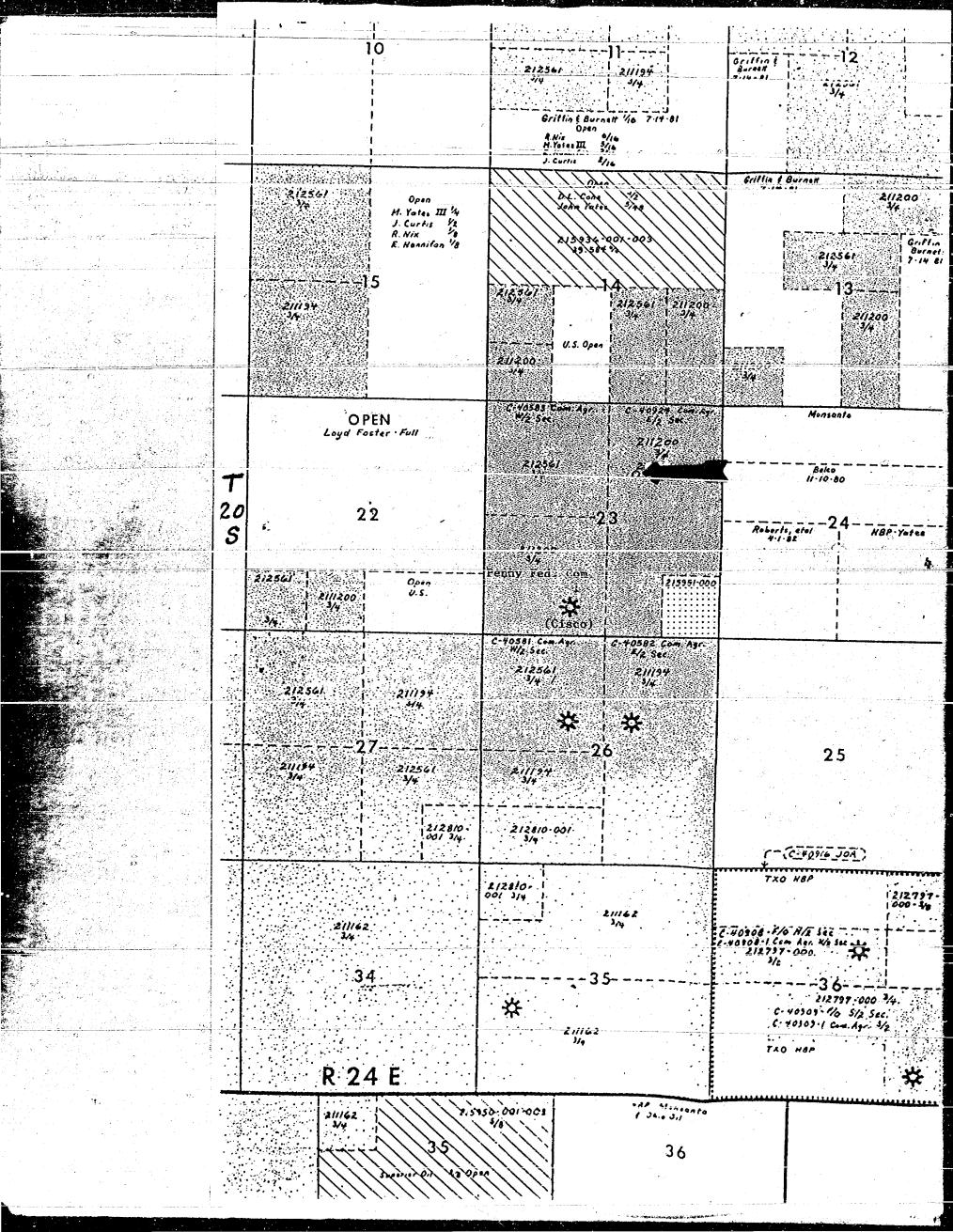
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SANTA FF, NEW MEXICO

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APPLICATION FOR MULTIPLE COMPLETION

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CONOCO INC.		County Eddy			Date Dotober 1 1900	
dress		Lease			Well No.	
P.O. Box 460, Hobbs,	New Mexico		y Federal	Com.	1 2	
ation Unit Section	II.	Township		·	Range	
Vell G	23		208		24E	
Has the New Mexico Oil Conservation Con			e multiple con	npletion of a	n well in these	same pools or in the
same zones within one mile of the subject			·			
If answer is yes, identify one such instanc	e: Urder No.		; Operator, L	ease, and W	veli No.:	
	and the second s			•		
The following facts are submitted:						
total and a parameters	Upper Zone	,	Interme Zon	16 Futat e		Lower Zone
a. Name of Pool and Formation	Cisco					Morrow
b. Top and Bottom of						00001
Pay Section	75501	. **				9000'
(Perforations)						
c. Type of production (Oil or Gas) -	ol1	The second secon				gas
d. Method of Production	artificial 1	ift [2.14		flowing
(I TOWING OF TAILTHICE DITE)			<u>, , , , , , , , , , , , , , , , , , , </u>			- TOWATIR
The following are attached. (Please mark	1 ES of NO)			•	•	-
No a. Diagrammatic Sketch of the Mul	tiple Completion	showing all	ing strings i-	acludine Al-	meters and	tting depths, centrali
		and and cas	f anne	oraral !-	vale suk!	tringe industry
and for turbolizers and location	unereot, quantitles	s used and top o	r cement, peri	orated inter	vais, tubing s	ames, including dist
and setting depth, location and						
Yee b. Plat showing the location of all	wells on englises			and the second	an and the co	والمراكب والمراوي والمراوي والمراكب
			iiset wells on	ottset leas	es, and the na	mes and addresses of
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STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING

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	CASE NO. 7068
	Order No. R- 6515
 APPLICATION OF CONOCO INC	
DIAL DIAL	
COUNTY, NEW MEXICO.	PLETION, AND AN UNORTHODOX WELL LOCAT
<u> </u>	
	R OF THE DIVISION
BY THE DIVISION:	
This cause came or	n for hearing at 9 o'clock a.m. on
Doniello Division Div	80 , at Santa Fe, New Mexico, before
Examiner Daniel S. Nutt	
NOW, on this	day of, 19 80
	considered the testimony, the recon
	of the Examiner, and being fully advi
in the premises,	number, and being fully advi
FINDS:	
(1) That due publ	ic notice having been given as requi
	isdiction of this cause and the subj
natter thereof.	cause and the subj
(2) That the appl	icant, Conoco Inc.
eeks authority to complete	te its Penny Federal Com. Well No. :
sti-No.	feet from the North line and l
from the East line of Sec	tion 23, Township 20 South,
	ge 24 East , NMPM, Eddy
	dual completion (conventional)
	(combination)
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	(5) That the mechanics of the proposed dual completion
	are feasible and in accord with good conservation practices.
	(A) That approval of the subject application will prevent
	waste and protect correlative rights.
 	IT IS THEREFORE ORDERED:
	(1) That the applicant, Conoco Inc.
	is hereby authorized to complete its Penny Federal Com. Well at an unorthodox location 1650 feet from the North line and 1980 feet
	Webk No. 2/ lecated in Unit of Section
	from the East line of Section 23, Township 20 South, Range 24 East, NMPM, Eddy
	County, New Mexico, as a dual completion (conventional)
	Vennybanian Associa
	to produce gas from the South Dagger Draw-Upper Pens Pool and
	gas from an undesignated Morrow Pool.
	PROVIDED HOWEVER, that the applicant shall complete, operate,
	and produce said well in accordance with the provisions of Rule
-	112-A of the Division Rules and Regulations insofar as said rule
	is not inconsistent with this order;
	PROVIDED FURTHER, that the applicant shall take
1	tests upon completion and
	annually thereafter during the Annual gookel Sunt- in Present
	Test Period for the Markan gas zone.
	(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 the day and year hereinabove
	designated.
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