CASE 5200: Appli. of MONSANTO CO.
FOR A TRIPLE COMPLETION, EDDY
COUNTY, NEW MEXICO.

# CASE Mo. 5200

Application,

Transcripts,

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# BEFORE THE NEW MEXICO OIL CONSERVATION COMMISSION Santa Fe, New Mexico March 27, 1974

### EXAMINER HEARING

IN THE MATTER OF:

Application of Monsanto Company for a triple completion, Eddy County, New Mexico. Case No. 5200

BEFORE: Daniel S. Nutter, Examiner.

TRANSCRIPT OF HEARING

APPEARANCES

For the New Mexico Oil Conservation Commission:

William Carr, Esq.
Legal Counsel for the
Commission
State Land Office Bldg.
Santa Fe, New Mexico

For the Applicant:

Clarence Hinkle, Esq.
Hinkle, Bondurant, Cox &
Eaton
600 Hinkle Building
Roswell, New Mexico

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### EXHIBITS

		Marked		Admitted
Applicant's Exhibits	Nos		-	
1 through 8	MO3.			8

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MR. NUTTER: We call the next case, Case 5200.

MR. CARR: Case 5200. Application of Monsanto Company for a triple completion, Eddy County, New Mexico.

MR. HINKLE: Clarence Hinkle, Hinkle, Bondurant, Cox & Maton, Roswell, appearing on behalf of Monsanto. We have one witness we would like to have sworn and 2 exhibits.

(Witness sworn.)

### ED SCHOLL

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

### DIRECT EXAMINATION

### BY MR. HINKLE:

- Q State your name, your residence, and by whom you are employed.
- A My name is Ed Scholl, I live in Midland, Texas, and I am employed by Monsanto Company as District Engineer.
- Q Have you previously testified before the Commission?
  - A Yes.
- Q Your qualifications as a Petroleum Engineer are a matter of record with the Commission?
  - A Yes, they are.
  - Q Have you made a study of the area that's involved,

Page....

of the well that's involved in this particular Case?

A Yes, I have.

MR. HINKLE: Are the Witness' qualifications sufficient?

MR. NUTTER: Yes, they are.

### BY MR. HINKLE:

- Q Have you prepared or has there been prepared under your direction two exhibits for introduction?
  - A Yes, Exhibit 1 and No. 2.
- Q Refer to Exhibit 1 and explain what this is and what it shows.
- showing the proposed triple completion of Monsanto Wilderspin No. 1 located in Unit F on the map; Section 11,

  Township 21 South, Range 27 East, Eddy County, New Mexico.

  It shows the off-set Burton Flats Unit to the north, the south off-set well Coquina J.M. State, which is located in the south half of Section 11; the west off-set, the Gulf Cerf No. 1, which is a dual Strawn and Morrow well, and an adjacent Coquina Well in the south half of Section 10 which is also a dual Strawn and Morrow Well.
- Q There have been no triple completions in this area?

- A No, there have not.
- Q State briefly the history of the well which you propose to have triple completion?

Yes. The Well was spudded on December the 27th in 1973 and reached TD in February of 1974. We encountered Wolfcamp Zones, Strawn Zones, and Morrow Zones in the Well and TD was reached, as I said, in February; 7-inch pipe was run, and I'd like now to refer to Exhibit 2, if I may. Exhibit No. 2 is a diagrammatic sketch of the proposed completion, triple completion, of the Wilderspin No. 1. We have actually run this pipe in the hole as we have depicted on this diagram. The primary string is at 2-3/8ths N-30 tubing which is the Morrow string, which is set on an Otis WC packer set at 11,900 feet. The secondary string is a Strawn 2-3/8ths tubing set on an Otis Dual packer 10,250 feet, and the third string is the 2 and 16th inches flush-joint N-80 Wolfcamp tubing string set on triple packer at 9500 feet. The procedure on doing this work was work from the top down. We perforated the Wolfcamp Zone from 9660 to 9710 with a casing gun with 11.4-pound mud in the hole -- and incidentally the pressure was around 5700 to 5800 pounds when we were working on this -- we then ran the Otis WC packer set at

11,100 on a wire line, and started running our primary string with the other two packers fixed on this tubing string, and a portion of the secondary string, the Strawn string, piggy-back between these two packers. We ran this primary string, we tested it to 5000 pounds and it held all right, the packer held all right; we then started running our secondary string and then our third string, because our packers were run on our primary strings. We displaced with water and the Wolfcamp flowed in at the rate of 1,000,000 a day and about 116 barrels of condensate a day. We then oriented, perforated the Strawn formation from 10,398 to 10,430 and we brought it in and treated it for a rate of about 14,000,000 cubic feet a day so we know we have real good separation between these two packers.

We then perforated the Morrow through tubing in the primary string, and after treatment it was tested at the rate of about 5,000,000 a day and with about 1100 pounds on it. Incidentally, the 7/8ths casing was set at 11,700 feet; we cemented with 750 sacks of cement and temperature surveys indicate that the cement is up to 7400 feet, which should clearly give us enough coverage on our cement for protection of all three zones.

### SCHOLL-DIRECT

7 ..... 7

- Q In your opinion, will the completion, and the manner in which it has been completed as shown by this diagrammatic sketch, Exhibit No. 2, confine the production to the respective zones?
- A Yes, we feel it will, and we have tested it very extensively when we were running it.
- Q Are any of these zones being produced at the present time?
- A Yes, the Wolfcamp is being produced as a single well, and the Wolfcamp is producing about 800 mcf per day with 116 barrels of condensate.
- Q Is there any urgency to the approval of this Application so that the other zones can be produced?
- A Yes, there is. We are under an emergency FPC Contract on this thing for 180 days, and of course, with 14,000,000 cubic feet shut-in at the Strawn, it means about \$6000 to Monsanto and partners a day.
  - Q A day?
- A A day, and plus \$2500 a day on the Morrow that is shut-in. We certainly hope that we could get approval to open these zones just as soon as possible.
- If I may, one other thing, we are taking four points as soon as pipeline connections are finished, which

SCHOLL-DIRECT CROSS

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they are. As soon as we get permission to produce these, we'll take the 4-point and the packer-leaker test and we have not taken a 4-point to the atmosphere because we didn't really want to waste the gas, since we knew it was such a good well.

Q In your opinion, will approval of this Application be in the interests of conservation, prevention of waste and protect correlative rights?

A Yes, it will.

MR. HINKLE: I'd like to offer Exhibits 1 and 2.

MR. NUTTER: Monsanto Exhibits 1 and 2 will be admitted into evidence.

(Whereupon Applicant's Exhibits Nos. 1

and 2 were admitted into evidence.)

MR. HINKLE: That's all I have on direct.

### CROSS EXAMINATION

### BY MR. NUTTER:

Q Mr. Scholl, is there any other Wolfcamp production indicated in any of the other wells in this area?

A Coquina has, south of us on the J.M. State, has a Wolfcamp, Strawn and Morrow Zones indicated in their well. I don't know what they are doing with the Wolfcamp. I think they're testing it right now through pipe, but I don't have any results of this test.

A I see.

A It really kicked on them, that well.

Q But you don't know what zones they are going to complete the well to produce --

A (Interrupting) No, all I know is that they have the three zones.

Q How about this No. 5 Burton Flats Well to the north?

A I think the Burton Flat No. 5 is a strange well in that it is wet in the Morrow, yet it is structurally high so it must be a different zone. We tried to complete in the Strawn but we got water.

We have temporarily abandoned the well pending evaluation of the Wilderspin to take a velocity survey in the Strawn and see if this isn't some extraneous water source.

Q I see. It's not producing now, but you haven't given up hopes?

A Right.

MR. NUTTER: Were there any further questions of Mr. Scholl? He may be excused. Anything further, Mr. Hinkle?

MR. HINKLE: No.

MR. NUTTER: Does anyone have anything to offer

CASE 5200 Page 10

in Case 5200? We will take the Case under advisement.

STATE OF NEW MEXICO )
SS.
COUNTY OF SANTA FE )

I, RICHARD L. NYE, 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.

RICHARD L. NYE, Court Reporter

I do hereby certify that the foregoing is a complete record of the proceedings in the Examiner hearing of Case No. 52.06, heard by he on 19.74.

Mexico Oil Conservation Commission



### OIL CONSERVATION COMMISSION

STATE OF NEW MEXICO P. O. BOX 2088 - SANTA FE 87501

April 2, 1974

I. R. TRUJILLO CHAIRMAN

LAND COMMISSIONER
ALEX J. ARMIJO
MEMBER

STATE GEOLOGIST A. L. PORTER, JR. SECRETARY – DIRECTOR

	Re:	CASE NO.	5200
Mr. Clarence Hinkle Hinkle, Bondurant, Cox & Eaton		ORDER NO	R-4760
Attorneys at Law Post Office Box 10		Applicant:	
Roswell, New Mexico 88201		Monsant	o Company
Dear Sir:			
Enclosed herewith are two copi Commission order recently ente			
Very	trul	y yours,	
A.	Z.	Porter, G	2
		TER, Jr.	and the second
Secr	etary	-Director	
ALP/ir			
Copy of order also sent to:			
Hobbs OCC ×			
Artesia OCC X Aztec OCC			
Other	<del></del>		· · · · · · · · · · · · · · · · · · ·

### 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. 5200 Order No. R-4760

APPLICATION OF MONSANTO COMPANY FOR A TRIPLE COMPLETION, EDDY COUNTY, NEW MEXICO.

### ORDER OF THE COMMISSION

### BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on March 27, 1974, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this 2nd day of April, 1974, 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, Monsanto Company, seeks authority to complete its Wilderspin Well No. 1, located in Unit F of Section 11, Township 21 South, Range 27 East, NMPM, Burton Flats Field, Eddy County, New Mexico, as a triple completion (conventional) to produce gas from the Wolfcamp, Strawn and Morrow formations through three parallel strings of tubing, with packers set at approximately 9500 feet, 10,250 feet, and 11,100 feet.
- (3) That the mechanics of the proposed triple 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, Monsanto Company, is hereby authorized to complete its Wilderspin Well No. 1, located in Unit F of Section 11, Township 21 South, Range 27 East, NMPM, Burton Flats Field, Eddy County, New Mexico, as a triple

-2-Case No. 5200 Order No. R-4760

completion (conventional) to produce gas from the Wolfcamp, Strawn and Morrow formations through three parallel strings of tubing, with an upper packer set at approximately 9500 feet and separation of the producing zones accomplished by two other packers, one set at approximately 10,250 feet and the other at approximately 11,100 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 the Burton Flats-Morrow Gas 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.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

I. R. TRUJILLO, Chairman

ALEX J. ABMIJO, Member

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

SEAL

### DOCKET: EXAMINER HEARING - WEDNESDAY - MARCH 27, 1974

9 A.M. - OIL CONSERVATION COMMISSION CONFERENCE ROOM, STATE LAND OFFICE BUILDING - SANTA FE, NEW MEXICO

The following cases will be heard before Daniel S. Nutter, Examiner, or Richard L. Stamets, Alternate Examiner:

### CASE 5188: (Continued from the March 13, 1974, Examiner Hearing)

Application of Continental Oil Company for downhole commingling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to commingle Drinkard and Blinebry production in the wellbore of its Lockbart B-1 Well No. 8 located in Unit H of Section 1, Township 22 South, Range 36 East, Lea County, New Mexico.

- CASE 5194: Application of Kersey & Company for a waterflood project, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks authority to institute a waterflood project by the injection of water into the Queen-Grayburg formation through one well on its Creek Lease in Section 23, Township 18 South, Range 30 East, Leo Pool, Eddy County, New Mexico.
- CASE 5195: Application of J. M. Huber Corporation for compulsory pooling, Lec County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests, including those of Harry V. Allen or his devisees, underlying the E/2 of the SE/4 of Section 21, Township 12 South, Range 37 East, Southwest Gladiola-Devonian Pool, Lea County, New Mexico. Also to be considered will be the cost of drilling and completing said well and the allocation of such costs, as well as actual operating costs and charges for supervision. Also to be considered is the designation of applicant as operator of the well and a charge for risk involved in drilling said well.
- CASE 5196: Application of Kimbell Oil Company for downhole commingling, Rio Arriba County, New Mexico. Applicant, in the above-styled cause, seeks approval for the downhole commingling in the wellbore of Blanco-Mesaverde and Basin-Dakota gas production in its Warren Federal Well No. 3 located in Unit P of Section 26 and in its Salazar Federal Well No. 3 located in Unit H of Section 27, and Otero-Gallup Oil and Basin-Dakota gas production in its Warren-Salazar Well No. 2 located in Unit M of Section 26, all in Township 25 North, Range 6 West, Rio Arriba County, New Mexico.
- CASE 5197: Application of Skelly Oil Company for a waterflood project and a dual completion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to institute a waterflood project by the injection of water into the Seven Rivers-Queen formation in its J. C. Johnson Well No. 4 located in Unit D of Section 20, Township 23 South, Range 37 East, Langlie-Mattix Pool, Lea County, New Mexico. Applicant further seeks authority to dually complete said well for water injection and for the production of gas from the Jalmat Gas Pool. Applicant also seeks an administrative procedure for said project for approval of additional injection wells without notice and hearing.

CASE 5198: Application of Texaco Inc. for salt water disposal, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the Grayburg formation in the perforated interval from 3815 feet to 4068 feet in its V. M. Henderson Well No. 3 located in Unit H of Section 30, Township 21 South, Range 37 East, Penrose Skelly Pool, Lea County, New Mexico.

CASE 5199: Application of Wm. G. Ross for an unorthodox gas well location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks, as an exception to the Atoka-Pennsylvanian Gas Pool Rules, authority to drill a gas well 1650 feet from the South line and 660 feet from the East line of Section 10, Township 18 South, Range 26 East, Atoka-Pennsylvanian Gas Pool, Eddy County, New Mexico, the E/2 of said Section 10 to be dedicated to the well.

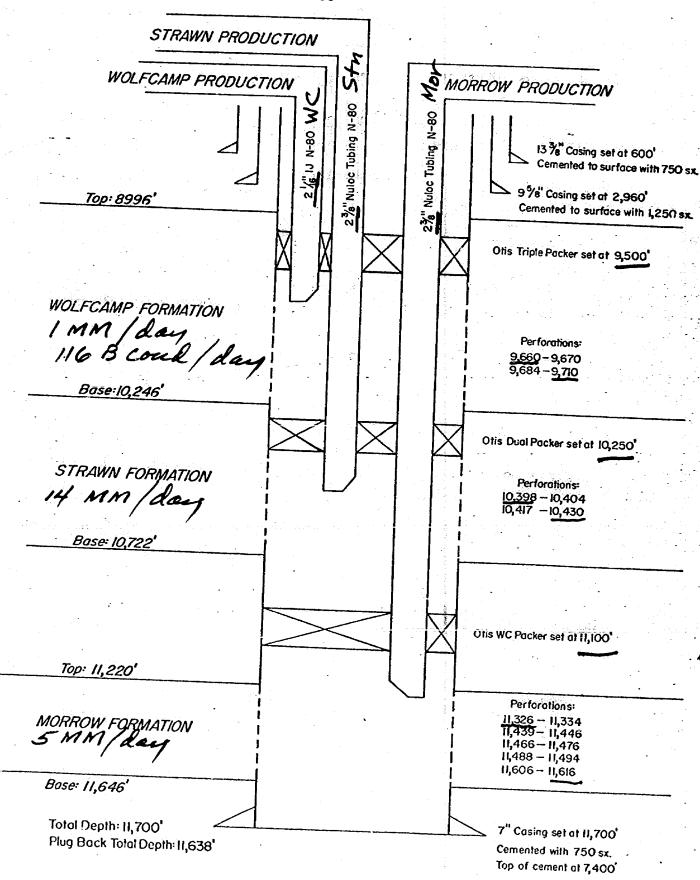
Application of Monsanto Company for a triple completion, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the triple completion (conventional) of its Wilderspin Well No. 1 located in Unit F of Section 11, Township 21 South, Range 27 East, Burton Flats Field, Eddy County, New Mexico, in such a manner as to produce gas from the Wolfcamp, Strawn, and Morrow formations through three parallel strings of tubing.

CASE 5200:

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BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
EXHIBIT NO. Z
CASE NO. 5200

MONSANTO COMPANY Wilderspin I Eddy Co. New Mexico



Monsanto

Monsanto Company Off 317 First Savings & Loan Building 101 North Marienfeld

Midland, Texas 79701 Phone: (915) 683-3306 COMSTRUMION COM

March 4, 1974

Cre 5200

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

Attn: Mr. A. L. Porter Jr. Secretary Director

RE: Application for Triple
Wolfcamp-Strawn-Morrow Completion;
Monsanto Company
Wilderspin Well No. 1
Burton Flat Field
1980' FNL & 1980' FWL
Sec. 11, T-21S, R-27E
Eddy Co., New Mexico

### Gentlemen:

Monsanto Company respectfully submits application to triple gas-gas-gas complete the captioned well through three strings of tubing in 7" casing. Enclosed are copies of:

- 1. C-107
- 2. Diagrammatic Sketch
- 3. Plat of Offset Operators
- 4. Logs (Follow under separate cover)

Please set this matter for hearing at your earliest convenience.

Yours very truly,

MONSANTO COMPANY

A. W. Wood

District Production Managencket MALLED

AWW:

EMS:mm

Encls.

cc: NMOCC, PO Drawer DD, Artesia, New Mexico 88210; Attn: Bill Gresset

Clarence Hinkle, P.O. Box 10, Roswell, New Mexico 88201 Offset Operators: Coquina Oil Corp., The Superior Oil Co. & Gulf Oil Co., U.S. J. D. Rushing - Houston, Texas

NEW MEXICO OIL CONSERVATION	COMMISSION
SANTA FE, NEW MEXICO	
APPLICATION FOR MULTIPLE CO	MPI ETION

Form C-107 5-1-61

A. W. Wood

Operator MONSANTO COMPA	NY	County EDDY	Date CO Maxek 4, 1974
<sup>Address</sup> 101 N. Marienfeld, Midlan		Lease WILDERSPIN	Well No.
Location Unit F	Section To	wnship 21S	Range 27E
. Has the New Mexico Oil Conserva zones within one mile of the subje . If answer is yes, identify one such	ct well? YES	uthorized the multiple completion of NO X ; Operator Lease, and	a well in these same pools of in the same
. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	Wolfcamp	Strawn	Morrow
b. Top and Bottom of Pay Section (Perforations)	9660 - 9710	10,398 - 10,430	11,326 - 11,616
c. Type of production (Oil or Gas)	Gas	Gas	Gas
d. Method of Production (Flowing or Artificial Lift)	Flowing	Flowing	Flowing
			forated intervals, tubing strings, including
b. Plat showing the lof operators of all l  x  c. Waivers consenting tors have been furt  d. Electrical log of the dicated thereon. (If	ing depth, location and type of cation of all wells on applicates offsetting applicant's to such multiple completion nished copies of the applicate well or other acceptable I such log is not available at	of packers and side door chokes, and sue ant's lease, all offset wells on office ase.  I from each offset operator, or in lieution.  To with tops and bottoms of product the time application is filed it shall	forated intervals, tubing strings, including the control of the co
b. Plat showing the loof operators of all loof.  C. Waivers consenting tors have been furnity.	ing depth, location and type of cation of all wells on applicates offsetting applicant's to such multiple completion nished copies of the applicante well or other acceptable I such log is not available at see on which this well is located.	of packers and side door chokes, and sue ant's lease, all offset wells on office ase.  I from each offset operator, or in lieution.  To with tops and bottoms of product the time application is filed it shall	forated intervals, tubing strings, including the character information as may be pertinent set leases, and the names and addressed thereof, evidence that said offset operang zones and intervals of perforation in be submitted as provided by Rule 112-A g address.
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\*Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty-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.

		L CONSER TA FE, NEV	VATION COMMISS	ION STORY	* *** * FO * * * ***	rm C-107 i-61
	APPLICATION	FOR MULT	TPLE COMPLETE			
Operator		County		Date	OL COM	S 20
MONSANTO COMPANY	r. Zi		EDDY	Stafa (	o March 4, 1	974
Address	70701	Lease	THE TRINGS OF THE	Well 1		
101 N. Marienfeld, Midland	tion	Township	WILDERSPIN	Range	1	<del></del>
of Well F	11		21\$		27E	
1. Has the New Mexico Oil Conservation	n Commission heretofor			tion of a well	in these same pool	s or in the sam
zones within one mile of the subject	well? YES	NO	X			
2. If answer is yes, identify one such in	nstance: Order No		; Operator Le	ase, and Well	No.:	
3. The following facts are submitted:						
J. The following facts are submitted:	Upper Zone		Intermedi Zone	ate	Low Zon	
a. Name of Pool and Formation	Wolfcamp	)	Straw	n .	Morro	
b. Top and Bottom of	9660 - 971		10,398 - 10		11,326 - 1	\$
Pay Section						
(Perforations)  c. Type of production (Oil or Gas)	Gas		Gas		Gas	A
d. Method of Production	040		- 0.00		0.00	
(Flowing or Artificial Lift)	Flowing		Flowing		Flowin	g
4. The following are attached. (Please	check YES or NO)			· .		
diameters and setting  b. Plat showing the loce of operators of all lea  x  c. Waivers consenting to	ers and location thereof depth, location and type ation of all wells on ap uses offsetting applicant o such multiple comple	f, quantities pe of packer oplicant's le ut's lease. tion from ea	used and top of cens and side door choke ase, all offset wells	ent, perforated s, and such oth s on offset lea	l intervals, tubing s er information as m ses, and the name	trings, including be pertinent as and addresse
X d. Electrical log of the	shed copies of the appl well or other acceptabuch log is not available	le log with	tops and bottoms of application is filed	producing zor it shall be sul	nes and intervals of bmitted as provided	of perforation in by Rule 112-A
5. List all offset operators to the lease Coquina Oil Corp.			her with their correct outhwest, Mid		2 4 5 NO 1	2
The Superior Oil Compa	1 (41)	Salar Salar	Texas 79701			
Gulf Oil Company, U.S.	Box 2100,	Midland,	Texas 79701		11.	
						1
<del></del>						
. general de la companya de la comp						
6. Were all operators listed in Item 5 a date of such notification 3	bove notified and furnis	shed a copy	of this application?	YES X	NO If answ	ver is yes, give
CERTIFICATE: I, the undersigned, (cunder my supervision and direction and t	ompany), and that I am	authorized	by said company to m	ake this repor	t; and that this rep	any ort was prepare

\*Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty-day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.

A. W. Wood

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

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

Form C-107

		County Co				
MONSANTO COMPANY		EDDY	March 4, 1974			
<sup>ddress</sup> Ol N. Marienfeld, Midland,	Texas 79701	WILDERSPIN	Well No.			
ocation Unit Section of Well F			Ratige 27E			
Has the New Mexico Oil Conservation zones within one mile of the subject w If answer is yes, identify one such ins	ell? YESNO_	v				
The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone			
a. Name of Pool and Formation	Wolfcamp	Strawn	Morrow			
b. Top and Bottom of Pay Section (Pe:forations)	9660 - 9710	10,398 - 10,430	11,326 - 11,616			
c. Type of production (Oil or Gas)	Gas	Gas	Gas			
d. Method of Production	.4478.38	4, 31, 31				
(Flowing or Artificial Lift)  The following are attached. (Please ch	Flowing	Flowing	Flowing			
List all offset operators to the lease o Coquina Oil Corp.	h log is not available at the ti n which this well is located to	me application is filed it shall b				
The Superior Oil Compan	y Box 1900, Midlan	d, Texas 79701	· · · · · · · · · · · · · · · · · · ·			
Gulf Oil Company, U.S.	Box 2100, Midlan	d, Texas 79701				
Were all operators listed in Item 5 abo date of such notification3/	ve notified and furnished a co	py of this application? YES X	NO If answer is yes, g			
CERTIFICATE: I, the undersigned, st						
der my supervision and direction and the			report; and that this report was prepa best of my knowledge.			
		(1) (1) 1.	177			
		w.w.T	dengture A H Hood			

\*Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty-day period, no protest nor request for hearing is received by the Santa Fe office, the application will then de 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.

SANTA F PLICATION FOR  S 79701  Town	County  EDDY  Lease  WILDERSPIN  CONSERVATION COMMISSION  COMISSION  COMMISSION  COMMISSION  COMMISSION  COMMISSION  COMMISSIO	Porm C-107 5-1-61 Date Sania Well No.
s 79701  Towr	County EDDY Lease WILDERSPIN	Date March 4, 1974
s 79701  Towr	County EDDY  Lease WILDERSPIN	Johna to
Town	EDDY Lease WILDERSPIN	Johna to
Town	Lease WILDERSPIN nship	Johna to
Town	WILDERSPIN	Well No.
11 ssion heretofore aut	- ·	1
	218	Range 27E
(ES) Order No	thorized the multiple completion of X ; Operator Lease, an	a well in these same pools of in the sa
		· · · · · · · · · · · · · · · · · · ·
Upper Zone	Intermediate Zone	Lower Zone
Wolfcamp	Strawn	Morrow
9660 - 9710	10,398 - 10,430	11,326 - 11,616
	13,000	22,020
Gas	Gas	Gas
<u> </u>		
Flowing	Flowing	Flowing
ocation thereof, qua ocation and type of all wells on applica etting applicant's le aultiple completion ( les of the application)	ntities used and top of cement, per packers and side door chokes, and s int's lease, all offset wells on off ease. from each offset operator, or in lie on.*	rforated intervals, tubing strings, includ- such other information as may be pertine feet leases, and the names and address to thereof, evidence that said offset ope
other acceptable log s not available at th	g with tops and bottoms of productive time application is filed it shall	ing zones and intervals of perforation l be submitted as provided by Rule 112-
Box 1900, Mid	land, Texas 79701	· .
Sox 2100, Mid	land, Texas 79701	
<u> </u>		<u> </u>
		<del>er alle et en </del>
fied and furnished a	a copy of this application? YES_	X NO If answer is yes, gi
	ultiple Completion, ocation thereof, qua ocation thereof, qua ocation and type of all wells on application applicant's least of the application other acceptable los not available at the this well is locate 200 Bldg. of the Box 1900, Mid?	Flowing Flowing

\*Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty-day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.

A. W. Wood

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.

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

Form C-107 5-1-61

A. W. Wood

Cr. 520

perator MONSANTO COMPANY		County	March 4, 1974
ddress		Lease	Well No.
Ol N. Marienfeld, Midland,	Texas 79701	WILDERSPIN	1
ocation Unit Sect		nship	Range
of Well F	11	218	27E
zones within one mile of the subject	well? YES	NO X; Operator Lease,	of a well in these same pools of in the sa
The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	Wolfcamp	Strawn	Morrow
b. Top and Bottom of Pay Section (Perforations)	9660 - 9710	10,398 - 10,430	11,326 - 11,616
c. Type of production (Oil or Gas)	Gas	Gas	Gas
d. Method of Production		10	
(Flowing or Artificial Lift)  The following are attached, (Please c	Flowing	Flowing	Flowing
x c. Waivers consenting to tors have been furnish d. Electrical log of the dicated thereon. (If su	hed copies of the applicati well or other acceptable lo ch log is not available at t	from each offset operator, or in on.* g with tops and bottoms of productime application is filed it sh	tien thereof, evidence that said offset oper ucing zones and intervals of perforation all be submitted as provided by Rule 112-
List all offset operators to the lease		- 1 To 1 T	
Coquina Oil Corp.  The Superior Oil Compa Gulf Oil Company, U.S.	ny Box 1900, Mid	the Southwest, Midland land, Texas 79701 land, Texas 79701	i, lexas /9/01
:			
date of such notification 3	/4/74	a copy of this application? YE	S_X_NO If answer is yes, gi
CERTIFICATE: I, the undersigned, s	mpany), and that I am auth	norized by said company to make	this report; and that this report was prepar
der my supervision and direction and th	nat the facts stated therein	are true, correct and complete to	the best of my knowledge.

\*Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty-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 protation unit in one or more of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

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

Form C-107 5-1-61

5200

perator	100	OL COMMENT	
MONSANTO COMPANY		EDDY	March 4, 1974
01 N. Marienfeld, Midland, T	Texas 79701	WILDERSPIN	1
ocation Unit F	11 Townshi	218	Range 27E
Has the New Mexico Oil Conservation C zones within one mile of the subject we If answer is yes, identify one such insta	II? YES NO_	ized the multiple completion of a  X  ; Operator Lease, and	
The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	Wolfcamp	Strawn	Morrow
b. Top and Bottom of Pay Section (Perforations)	9660 - 9710	10,398 - 10,430	11,326 - 11,616
c. Type of production (Oil or Gas)	Gas	Gas	Gas
d. Method of Production			
(Flowing or Artificial Lift)  The following are attached. (Please che	Flowing	Flowing	Flowing
dicated thereon. (If such	log is not available at the t	ime application is filed it shall b	ng zones and intervals of perforation be submitted as provided by Rule 11 address.
Coquina Oil Corp.	200 Bldg. of the	Southwest, Midland,	Texas 79701
The Superior Oil Company	Box 1900, Midla	nd, Texas 79701	
Gulf 0il Company, U.S.	Box 2100, Midlar	nd, Texas 79701	
1		10	
	<del> </del>		
	eren er en		en en sample en som en
Were all operators listed in Item 5 above date of such notification 3/4	e notified and furnished a co	opy of this application? YES_2	X NO . If answer is yes,
CERTIFICATE: I, the undersigned, sta	te that 2 and the	Production Mgr. of the	Monsanto Company report; and that this report was prep
nder my supervision and direction and that	the facts stated therein are	true, correct and complete to the	best of my knowledge.
		Mi an a	1777
		$-\omega\cdot\omega\cdot u$	Signature A W Wood

\*Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty-day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.

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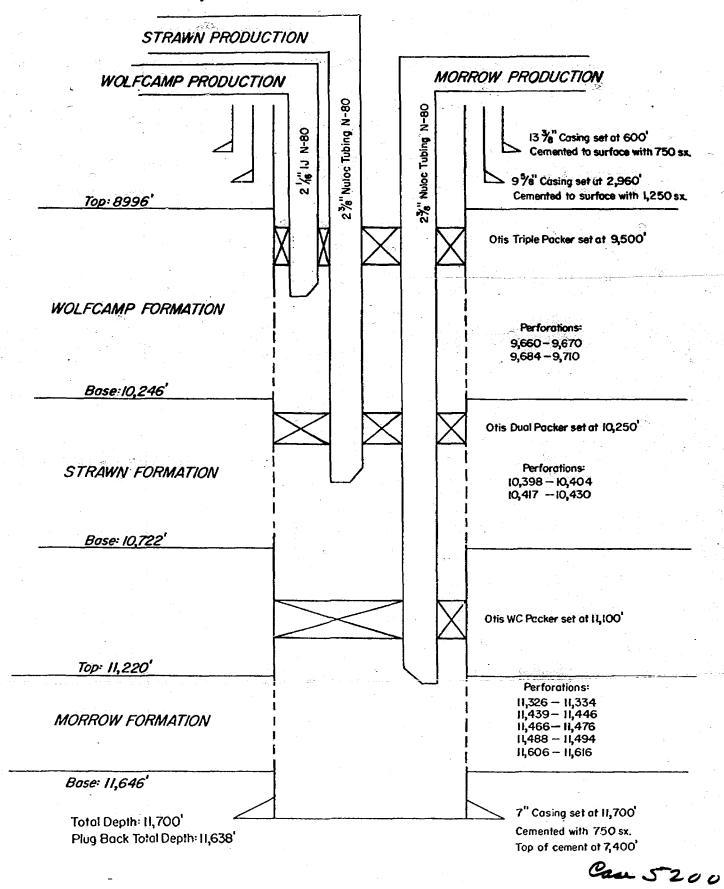
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MONSANTO COMPANY Wilderspin I Eddy Co. New Mexico





## BEFORE THE OIL CONSERVATION COMMISSION OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING

COMMISSION OF NEW MEXICO FOR	\$
THE PURPOSE OF CONSIDERING:	
( ) was	CASE No. 5200
CX JW	Order No. R- 41760
APPLICATION OF MONSANTO COMPANY  BOR A TRIPLE COMPLETION, EDDY C	OUNTY,
NEW MEXICO.	
ORDER OF THE COMMISS	ION
BY THE COMMISSION:	
This cause came on for hearing at 9 March 27 , 19874, at Santa Fe, New Me Daniel S. Nutter	
NOW, on thisday ofApril a quorum being present, having considered and the recommendations of the Examiner, in the premises,	the testimony, the reco
FINDS:	
(1) That due public notice having law, the Commission has jurisdiction of t matter thereof.	·
(2) That the applicant, Monsanto	Company
seeks authority to complete its Wildersp	in
Well No 1 , located in Unit _ F of	Section 11 , Township
Burt	on Hats Field
21 South, Range 27 East, NMPM, Ed	dy County, New
Mexico, as a <u>triple</u> completion (convo	entional) <b>AXX</b> hxaxkox) to produce gas
<b>Λ</b>	xxxxxx)
from the Wolfcamp, Strawn, Morrow 2003	through three
parallel strings of tubing, with packers  9500 feet, 10,250 feet, aud 11,1	set at anovovimatel
C 1	O I POTOXIMATE
9500 teet, 10,250 feet, and 11,1	ooteet.

- (3) That the mechanics of the proposed <u>triple</u> 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, Monsanto Company	_•
is hereby authorized to complete itsWilderspin	<del>-</del>
Well No. $\frac{1}{\sqrt{2}}$ , located in Unit $\frac{F}{\sqrt{2}}$ of Section $\frac{11}{\sqrt{2}}$ , Township	,
Burton Hats Field,  21 South, Range 27 East, NMPM, Eddy County, New	
(conventional) Rik  Mexico, as a triple completion (conventional) to produce gas  (tob) APPLY (conventional)	
from the Wolfcamp, Strawn, WMorrow Rock through three	•
approximately 9500 feet 10,250 feet, and	
4,100 feet and separation of the product	nq
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zones accomplished by two other backers	one
zones accomplished by two other backers, set at approximately 10,250 feet and the	one
zones accomplished by two other backers, set at approximately 10,250 feet and the other at approximately 11,100 feet.  PROVIDED HOWEVER, that the applicant shall complete, operate	ane

PROVIDED FURTHER, that the applicant shall take packer-leakage tests upon completion and annually thereafter during the Annual Shut-In Pressure

Gas Oil Ratio Test Period for the Button 7/4ts-Movrow 945pool.

Deliverability

(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.