CASE 6803: PLUGGING CASE - OCD ()) EPROC ASSOCIATES, HARTFORD ACCIDENT AND INDEMNITY COMPANY, SAN JUAN COUNTY, NEW MEXICO

Continued to Continued to 23, 1980 Continued to 23, 1980 June 4

CQSe NO. 6803







# STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT **OIL CONSERVATION DIVISION**

TONEY ANAYA

POST DFFICE BOX 2068 STATE LAND OFFICE BUILDING SANTA FE, NEW MEXICO 87501 (505) 827-580%

MEMORANDUM

GLORIA LITHGOW TO:

W. PERRY PEARCE FROM:

SUBJECT: RECLAMATION FUND REIMBURSEMENT

Attached is a check from The Hartford in the amount of \$5,000.00. This check is in payment of a surety obligation on a plugging bond issued by Security's predecessor covering an oil and gas operator, EPROC Associates.

The amount of \$8,618.00 was expended from the Oil and Gas Reclamation Fund to plug a well covered by this bond under Contract 71-1. Therefore, this payment from The Hartford should be deposited as a reimbursement to that fund.

Thank you.

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STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION

January 18, 1983

POST OFFICE BOX 2088 STATE LAND OFFICE BUILDING SANTA FE, NEW MEXICO 87501 (505) 827-2434

Hartford Accident and Indemnity Co. 690 Asylum Avenue Hartford, Connecticut 06115

> Re: Monsanto State "H" Well No. 1, Plugging Bond

Gentlemen:

The records of the New Mexico Oil Conservation Division indicate that your company issued a \$5,000 one-well plugging bond on June 16, 1960. This bond was for the benefit of the Oil Conservation Commission of New Mexico. The principal on this bond was EPROC Associates, a partnership. On June 4, 1980, the New Mexico Oil Conservation Division, successor agency to the Oil Conservation Commission, on its own motion held a hearing to allow EPROC Associates, Hartford Accident and Indemnity Company, and all other interested parties, to appear and show cause why the Monsanto State "H" Well No. 1, located in Section 2, Township 30 North, Range 16 West, NMPM, San Juan County, New Mexico, should not be plugged and abandoned in accordance with a Division-approved plugging program. Notice of this proceeding was sent to EPROC Associates at their last known address of P. O. Box 1266, Scottsdale, Arizona. This notice has proven undeliverable.

Notice was also sent by certified mail to Hartford Accident and Indemnity Company at 690 Asylum Avenue, Hartford, Connecticut. This notice was received on behalf of Hartford Accident and Indemnity Company.

Hearing was held on this matter on June 4, 1980, and on June 18, 1980, the Division entered Order No. R-6370. This order required that the subject well be returned to production or properly plugged by EPROC Associates or Hartford Accident and Indemnity Company on or before September 1, 1980. Neither EPROC Associates nor Hartford Accident and Indemnity Company complied with this order.

BRUCE KING

Hartford Accident & Indemnity -2-

January 18, 1983

In order to meet the necessity found in Order No. R-6370, the Division contracted to have the Monsanto "H" Well No. 1 plugged. In conducting these plugging operations, the State of New Mexico expended the sum of \$8,618, as shown by the enclosed invoice.

The Oil Conservation Division regrets that this expenditure was necessary. However, continued prudent operations require that demand be made for reimbursement of the State for a portion of this sum. Therefore, formal demand is hereby made upon Hartford Accident and Indemnity Company in the amount of \$5,000, which is the amount of the plugging bond issued on June 16, 1960, for the benefit of the New Mexico Oil Conservation Commission with EPROC Associates, a partnership, as principal.

Thank you for your attention to this matter.

Sincerely,

W. PERRY PEARCE General Counsel

WPP/dr enc.



# STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION AZTEC DISTRICT OFFICE

BRUCE KING GOVERNOR LARRY KEHOE SECRETARY

1000 RIO BRAZOS ROAD AZTEC, NEW MEXICO 87410 (505) 334-6178

December 28, 1982

Mr. Perry Pearce General Counsel Oil Conservation Division Post Office Box 2088 Santa Fe NM 87501

Re: Elvis Roberts Bergin #1, F-21-29N-11W BMNS Co. Wyper #2, 0-29-30N-12W BMNS Co. Brown #2, M-29-30N-12W PROC Associates Monsanto State H #1, E-2-30N-16W

Dear Perry,

The above-referenced wells were plugged with the Reclamation Fund during the past year. All have valid bonds.

Our records indicate the Marjory E. Greer Red Mountain V6, 7, and 10, B-29-20N-9W, which were plugged by us in September, 1981 have a \$10,000 blanket bond with U. S. Casualty Company of New York. We do not have a copy of this bond nor do our records show it was ever cancelled.

Yours truly,

her .

Charles Gholson Deputy Inspector

CG:gc

cc: Richard Stamets Reading File Well Files

rs Ferm	<ul> <li>SENDER: Complete some 1.2, and 3. Add your address in the "RETURN TO" space on reverse.</li> </ul>	
3811, Apr. 1977	<ol> <li>The following service is requested (check one).</li> <li>Show to whom and date delivered</li></ol>	
RETURN RECEIPT, REC	2. ARTICLE ADDRESSED TO: Hartford Accident & Indemnity 690 Asylum Avenue Hartford, Connecticut 06115 3. ARTICLE DESCRIPTION: REGISTERED NO.   CERTIFIED NO.   INSURED NO. 896429	:o.
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GOVERNOR LARRY KEHOF SECRETARY

# STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

POST OFFICE BOX 2088 STATE LAND OFFICE BUILDING SANTA FE, NEW MEXICO 87501 1505) 827-2434

June 20, 1980

Re: CASE NO. 6903 ORDER NO.\_\_\_\_\_\_\_R-6370 Hartford Accident and 690 Asylum Avenue Hartford, Connecticut 06115

Applicant:

OCD (EPROC As ociates)

## Dear Sir:

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

Ppurs very truly, JOE D. RAMEY Director -

Indemnity Company

JDR/fd

Copy of order also sent to:

Hobbs OCD	x
Artesia OCD	x
Aztec OCD	x

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. 6803 Order No. R-6370

IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION DIVISION ON ITS OWN MOTION TO PERMIT EPROC ASSUCIATES, HARTFORD ACCIDENT AND INDEMNITY COMPANY, AND ALL OTHER INTERESTED PARTIES TO APPEAR AND SHOW CAUSE WHY ITS MONSANTO STATE H WELL NO. 1 LOCATED IN UNIT E OF SECTION 2, TOWNSHIP 30 NORTH, RANGE 16 WEST, SAN JUAN COUNTY, SHOULD NOT BE PLUGGED AND ABANDONED IN ACCORDANCE WITH A DIVISION-APPROVED PLUGGING PROGRAM.

#### ORDER OF THE DIVISION

#### **BY THE DIVISION:**

This cause came on for hearing at 9 a.m. on June 4, 1980, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this <u>18th</u> day of June, 1980, the Division Director, having considered the testimony, the record, and the recommendations of the Examinar, 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 EPROC Associates is the owner and operator of the Monsanto State H Well No. 1, located in Unit E of Section
 2, Township 30 North, Range 16 West, NMPM, San Juan County, New Mexico.

(3) That Hartford Accident and Indemnity Company is the surety on the Oil Conservation Division plugging bond on which EPROC Associates is principal.

(4) That the purpose of said bond is to assure the state that the subject well will be properly plugged and abandoned when not capable of commercial production. -2-Case No. 6803 Order No. R-6370

(5) That in order to prevent waste and protect correlative rights said Monsento State H Well No. 1 should be plugged and abandoned in accordance with a program approved by the Aztec District Office of the New Mexico Oil Conservation Division on or before September 1, 1980, or the well should be returned to active drilling status or placed on production.

### IT IS THEREFORE URDEREDT

(1) That EPROC Associates and Hartford Accident and Indemnity Company are hereby ordered to plug and abandon the Monsanto State H Well No. 1, located in Unit E of Section 2, Township 30 North, Range 16 West, NMPM, Sen Juan County, New Mexico, or in the alternative, to return the well to active drilling status or place the well on production on or before September 1, 1980.

(2) That EPROC Associates and Hartford Accident and Indemnity Company, prior to plugging and abandoning the above-described well, shall obtain from the Aztec office of the Division, a Division-approved program for said plugging and abandoning, and shall notify said Aztec office of the date and hour said work is to be commenced whereupon the Division way, at its option, witness such work.

(3) 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 herein-



STATE OF NEW MEXICO OAL CONSERVATION DIVISION rent C.Ir JOE D. RAMEY Director

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NEW M	ÆXI CO	OIL	CONSERVATION	COMMISSION
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EXAMINER HEARING

SANTA, FE , NEW MEXICO

Hearing Date\_\_\_\_

JUNE 4, 1980

Time: 9:00 A.M.

NAME REFRESENTING LOCATION ElPan, Tr Class almal 200 C. Tan W. Souchel Houston Tr. Amoro PROEVERS 10. James M. Uppels El Paso Exploration to Formington with WDDDuisun OPOR TX RK Northause MAYE. CURE midland, Tex Curry Engineering J.C. Williamson Midland, Tex J.C. William George Huntra Roswell, N. M. Hunker & Federica JAMES S. WELIN AMINOIL USA The MIDLAND, TX AMINOIL USA, INC. GENE DELONG MIDLAND, TX DAVID CHRISTIAN OKLA CITY, OK. KERR-MLGEE CORP. South land Pays Holomidland, Zx C. Harvey Can Sou Heland Roud Hayle Willand, Do Ed Jones JAFEL. Humais Durccias, M. JAMES COASFY Shed Marino Wid. Te philitically / 1605- 300 Amoro Production 3. James C. Allan Houston, Tx Amico PRODUCTION Co H. MicHAEL BROWN Scange X. Hunter Roswell, J. m. Hunker. I drie, P.A. Loc lata US 65 Blbg. NM Lill Riter Aller. un 11282 4.-La. firm Rasizes NM Ing Lundard.

Fage NEW MEXICO OIL CONSERVATION COMMISSION EXAMINER HEARING SANTA FE, , NEW MEXICO Time: 9:00 A.M. JUNE 4, 1980 Hearing Date REPRESENTING NAME LOCATION ellolin + Fellahin Santa And De Conson 4 Corners Inc Jamor Z Mar meneto Harvey E Hates Co. Nakiey E Hate M. Coursen Lichan Round Karlow any and Hanney Yotes Co Millan . Chandy Sm articia Vite Cotrole - Cy Edde inhigod And Derteur Set they Et Paro, TX EC MASO THAT. Dos Co. UNVID T. CURLESONS

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1 Box 19 New Me (505) 45	12		
Rt. I Box 193-B Santz Fe, New Mexico 87301 Plione (505) 455-7409	13	Division Exhibit Number One, Records	
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SALLY W. BOYD, C.S.R.

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MR. NUTTER: The hearing will come to 2 order, please. 3 The first case this morning will be Case 4 Number 6803, which is in the matter of the hearing called 5 by the OCD on its own motion to permit EPROC Associates, 6 Hartford Accident and Indemnity Company, and all other in-7 terested parties to appear and show cause why a certain well 8 in Section 2, Township 30 North, 16 West, San Juan County, ÿ New Mexico, should not be plugged and abandoned in accord-10 ance with a Division-approved plugging program. 11 Call for appearances in this case. 12 MR. PADILLA: Mr. Examiner, Ernest L. 13 Padilla on behalf of the Oil Conservation Division, and I 14 have one witness who needs to be sworn. 15 MR. NUTTER: Are there other appearances 16 in this case? 17 18 (Witness sworn.) 19 20 FRANK CHAVEZ 21 being called as a witness and having been duly sworn upon 22 his oath, testified as follows, to-wit: 23 24 DIRECT EXAMINATION 25 BY MR. PADILLA;

SALLY W. BOYD, C.S.R. Rt. 1 Box 193-B Santa Fe, New Mexiro 87501 Plione (505) 455-7409

1 Q. Mr. Chavez, for the record would you please 2 state your name, by whom you're employed and in what capa-3 city? My name is Frank T. Chavez. I'm employed Α. 5 by the Oil Conservation Division as a Supervisor of the Aztec 6 District Office. 7 Mr. Chavez, have you previously testified Q. 8 before the Division and are your credentials a matter of Ş record? 10 A. Yes. 11 Q. Are you familiar with the purpose of Case 12 Number 6803? 13 Yes, I am. A. 14 MR. PADILLA: Mr. Examiner, are the wit-15 ness' gualifications acceptable? 16 MR. NUTTER: Yes, they are. 17 Mr. Chavez, would you state the purpose <u>0</u>. 18 of this case? 19 A. The purpose of this case is to call EPROC 20 Associates and the Hartford Indemnity to come forth and 21 show cause why their well Monsanto State "H" No. 1 should 22 not be properly plugged and abandoned. 23 Have you reviewed all reports filed with Q. 24 the Division concerning this well? 25 A. Yes, I have.

Page

SALLY W. BOYD, C.S.R.

Rt. I Box 193-B Fe, New Mexico 87501

Page

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1 Q. And the correspondence, as well, is that 2 correct? 3 That's correct. Α. 0. Referring to what has been marked as 5 Exhibits One through Six, would you please summarize those 6 for the Examiner? 7 Okay, Exhibit Number One is a copy of all A. 8 the records in the District Office on this particular well, 9 and I might note for the Examiner, that the very last page 10 of that exhibit is an approval letter of the one-well 11 plugging bond which is in effect on the well. 12 Exhibit Number Two is the response to my 13 inquiry from ARCO Oil and Gas Company about the ownership 14 of this well. The well is located within the boundaries 15 of the Horseshoe Gallup Unit; however, as stated by ARCO, 16 the well -- this particular well was not taken into the 17 unit. 18 Exhibit Number Three is correspondence 19 with which I tried to contact EPROC Associates; it's their 20 latest current address which we had. We show that it was --21 the letter was returned undelivered because EPROC Associates 22 is no longer at that address. 23 Exhibit Number Four is a photograph and 24 location of the well in relationship to other -- the sur-25 rounding wells which are operated by ARCO. I might note,

SALLY W. BOYD, C.S.R. Rt. I Box 193-B Santi: Fe, New Mexico 87501 Phone (505) 455-7409

Page 1 the Examiner would notice that there is presently an electric line built over the wellhead on a photo. On that particular 2 exhibit the triangle around the dot signifies an injection 3 well and the dot signifies an oil well capable of producing. 4 5 MR. NUTTER: Now, which -- in that 40-acre tract there's two wells as shown by dots. 6 That is correct. The No. 239 was ori-7 A. ginally the 1-X Well, which was drilled to replace the well 8 B. we want to plug. 10 MR. NUTTER: And the well that you're 11 talking about is one indicated with the arrow. 12 That is correct. A. 13 MR. NUTTER: And that's right in the 14 center of the 40? 15 That's correct. A. 16 MR. NUTTER: Okay. 17 Exhibit Number Five is a portion of the Α. 18 gamma ray electric log on this well. It shows the perfor-19 ated interval marked in the heavy line there between 1540 20 and 1593. 21 Exhibit Number Six is the temperature 22 survey which was run on this well after it was cemented, 23 which shows approximate top of cement at 1210 feet. 24 Mr. Chavez, do you have any other com-Q. 25 munications relative to this case that you feel should be

SALLY W. BOYD, C.S.R. Rt. 1 Box 193-B Santri Fe, New Mexico 87501 Phone (503) 455-7409

Page 7

brought to the Division's attention?

A Yes. The principals in EPROC Associates are still -- still around; however, the company itself has been discolved. I've been contacted by Mr. Bob Loft, who's an independent geologist out of Durango, and Mr. Warren Carr, who operates out of Oklahoma. They were principals in this EPROC Associates. However, I've -- when this case was first docketed they requested that the case be continued so they could get the necessary forms in to plug the well, and since then I've continued a second time, which has now run into four months, and they've still not submitted the forms which I requested concerning the plugging of the well.

Q. Why is it necessary to plug this well? A. This well is -- is not operable. The replacement well was drilled and as of yet we don't know for sure why this well -- first well stopped producing. We're suspicious it was a casing failure. And secondly, it is located within a waterflood and just personal communication with ARCO, there's a possibility of tertiary recovery, and in such an operation this well would be a nuisance.

Q. Would the -- could the casing failure lead to waste?

A. Yes. If water from the nearby injection wells would get into the casing there's a possibility that it could migrate up inside this casing into a higher inter-

SALLY W. BOYD, C.S.R. Rt. J Box 193-B Santa Fc, New Mexico 87501 Phone (505) 455-7409 1

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val through a casing failure which might be leaking.

Q. Is there any danger that fresh water aquifers might be contaminated through this well?

A Not actually in this are. There's very little fresh water in those aquifers; however, it would lead to -- there would be no contamination with fresh water, just escape of injection water.

Mr. Chavez, are you prepared to recommend a plugging program at this time or would you prefer to wait until the actual time of plugging to recommend a program?

A. I'd prefer to wait till the actual time of plugging, being that we don't know for sure what the condition of the casing is at this time.

Q. Mr. Chavez, are Exhibits One through Six true and correct copies of Division records?

A. Yes, they are.

MR. PADILLA: Mr. Examiner, I offer Exhibits One through Six and I have no further questions of this witness.

MR. NUTTER: Exhibits One through Six will be admitted in evidence.

#### CROSS EXAMINATION

BY MR. NUTTER:

Q.

Now, Mr. Chavez, as I understand it, the

SALLY W. BOYD, C.S.R. Rt. 1 Box 193-B Santa Fe, New Mexico 87501 Phone (505) 455-7409 1

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1 well was originally drilled by Monsanto Chemical Company, 2 correct? 3 A. That's correct. 4 **Q**. Under their bond? 5 A. That's right. 6 Q. And then, according to a C-110 which was 7 received by the OCD on May 17th, 1960, ownership was trans-8 ferred from Monsanto Chemical Company to EPROC Associates. 9 A. That's correct. 10 Q. Now, when was this lease turned over to 11 ARCO to operate as a unit, prior to this time or subsequent 12 to this time? 13 A. It was subsequent to this time. 14 Q. So then when ARCO took over the lease, 15 they took over this other well that was on the 40-acre tract. 16 but according to their letter to you, dated January 31, 1980 17 they did not take over this particular well. So ARCO has 18 nothing to do with this well, although it's on a lease that 19 they're presently operating? 20 A. That's correct. 21 And EPROC Associates are still responsible Q. 22 for the plugging of this well, and they do have a bond with 23 Hartford Indemnity Company. 24 That's correct. A. 25 Now are these power lines going to presen Q.

Page

SALLY W. BOYD, C.S.R. Rt. I Box 193-B Santa Fe, New Mexico 87501 Phone (505) 455-7409

1 a problem in moving a rig onto the well to plug it? 2 Ā. If it is necessary to move a rig on to 3 plug it, yes. I don't know what --4 0. How high off the ground are these wires? 5 A. I didn't measure them but they're about 6 30 feet. 7 And so most workover units would be taller Ç. 8 than that. 9 Oh, yes, definitely. A. 10 So there may be some additional expense **Ω**. 11 on account of the power lines being there. 12 That's correct. I was going to recommend A. 13 that perhaps we could require a higher bond than a \$5000 14 bond to take care of the expense of killing those lines out, 15 or any extra expense that would be run into. 16 Q. I don't think we can do anything about 17 the bond. We've got \$5000 there. Do these people from 18 EPROC Associates act like they're willing to do something 19 about the well? 20 Over the past few months they've -- with A. 21 my talking with them they've assured me that they're going 22 to send me a C-103. 23 But they haven't even filed the form. Q. 24 They haven't filed it yet, and I've called A. 25 them two or three times, at least. I haven't logged those

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**SALLY W. BOYD, C.S.R.** Rt. I Box 193-B Santa Fe, New Mexico 87501 Phone (505) 455-7409

		Pege11
<pre>1 calls but I've contacted them. 2</pre>	calls but I've contacted them.	
	2	MR. NUTTER: Are there any other questions
	of Mr. Chavez? He may be excused.	
	Do you have anything further, Mr. Padilla?	
	5	MR. PADILLA: Nothing further.
	6	MR. NUTTER: Does anyone have anything
	7	they wish to offer in Case Number 6803?
SALLY W. BOYD, C.S.R. Rt. 1 Box 193-B Santa Fe, New Mexico 87501 Phone (505) 455-7409	8	We'll take the case under advisement.
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	10	(Hearing concluded.)
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# CERTIFICATE

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.

Muy W Boyd C.S.P.

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SALLY W. BOYD, C.S.R. Rt. 1 Box 193-B Santa Fe, New Mexico 87501 Phone (305) 455-7409 1

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15XA	MINTR HEARING
IN THE MATTER OF:	)
tion Division on mit EPROC Associa ested parties to why Monsanto Stat Juan County, show	accordance with a Div-)
BEFORE: Daniel S. Nutter	
TRANSCF	IPT OF HEARING
APPE	ARANCES
For the Oil Conservation Division:	Ernest L. Padilla, Esq. Legal Counsel to the Divisio State Land Office Bldg. Santa Fe, New Mexico 87501

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**SALLY W. BOYD, C.S.R.** Rt. 1 Box 193-B Santa Fe, New Mexico 37501 Fhone (505) 455-7449

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	4	FRANK CHAVEZ
	5	Direct Pranimation by Mr. Padilla
	6	Cross Examination by Mr. Nutter
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YD, C. 193-8 cxico 875 55-7409	11	EXHIBITS
LLY W. BOYD, C.S. Rt. 1 Box 193-B Santa Fe. New Mexico 87501 Phone (305) 455-7409	12	
SALLY W. BOYD, C.S.R. Rt. 1 Box 193-B Santa Fe, New Mexico 87501 Phone (305) 455-7409	13	Division Exhibit Number One, Records
S	14	Division Exhibit Two, Letter
	15	Division Exhibit Three, Letter
	16	Division Exhibit Four, Plat
	17	Division Exhibit Five, Log
	18	Division Exhibit Six, Log
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order, plass. Distance of the subscription will be of Dariest 6900, which is he there after an the heating calle by the Order is the subscription to permit SPNOC Associates, Notified Accherics of Deletity Compose, and all other is torested parties to appear and show dauge why a certain in Soction 2, when hip De North, 16 which, dan Juan Count New Mexico, should not be pluoged and abandoned in accor ance with a Division-approved plugging program. Call for appearances in this case. HR. PADILLA: Mr. Examiner, Ernest L. Padilla on behalf of the Gil Conservation Division, and have one witness who needs to be sworn.		Page
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DIRECT ENAMINATION	his oath, testi	fied as follows, to-wit:
DIRECT EXAMINATION		
		DIRECT ENAMINATION

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SALLY W. BOYD, C.S.R. Rt. 1 Box 193-B Santa Fe. New Mexico 87501 Phone (505) 455-7409

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1 o Martin Martin Control would you please 2 state nour nare, even a precession and in what capa-3 61.00 4 A Complexed St Frank States. In employed 5 by the oil Communition Division as - Sub rvisor of the Aztoc 6 Many press 7 Mr. Chave, have you previously testified 5 8 before the bird for and are peer erabulials a matter of ŷ record? 10 Nes. 11 Fre you familiar with the purpose of Case Ð. 12 liumber 6803? 13 Yes, I an. А. 14 MR. P7 DILLA: Mr. Mmaminer, are the wit-15 ness' qualifications acceptable? 16 MR. MUTTER: Yes, they are. 17 Ur. Chaves, yould you state the purpose (18 of this case? 19 The purpose of this case is to call EPROC A. 20 Associates and the Martford Indennity to come forth and 21 show cause why their well Monsanto State "H" No. 1 should 22 not be properly plugged and abandoned. 23 Have you reviewed all reports filed with Ω. 24 the Division concerning this well? 25 Yes, I have. A.

SALLY W. BOYD, (C.S.R. Rt. 1 Box 193-B Santa Fc. New Mexico 87501 Phone (505) 455-7403

Page

And the correspondence, as well, is that

correct?

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That's correct.

Peferring to what has been marked as
 Fxhibits One through Six, would you please summarize those
 for the Examiner?

A Okay, Exhibit Number One is a copy of all the records in the District Office on this particular well, and I might note for the Examiner, that the very last page of that exhibit is an approval letter of the one-well plugging bond which is in effect on the well.

Exhibit Number Two is the response to my inquiry from ARCO Oil and Gas Company about the ownership of this well. The well is located within the boundaries of the Horseshoe Gallup Unit: however, as stated by ARCO, the well -- this particular well was not taken into the unit.

Exhibit Number Three is correspondence with which I tried to contact EPROC Associates; it's their latest current address which we had. We show that it was -the letter was returned undelivered because EPROC Associates is no longer at that address.

Exhibit Number Four is a photograph and location of the well in relationship to other -- the surrounding wells which are operated by ARCO. I might note,

SALLY W. BOYD, (S.S.R. Rt. 1 Box 193-B Santa Fc, New Mexico 87501 Phone (503) 455-7409

1 the Examiner would notice that there is presently an electric line built over the wellhead on a photo. On that particular 2 3 exhibit the triangle around the dot signifies an injection well and the dot signifies an oil well capable of producing. 4 5 MR. NUTTER: Now, which -- in that 40-acre Ô tract there's two wells as shown by dots. 7 That is correct. The No. 239 was ori-A. 8 ginally the 1-X Well, which was drilled to replace the well 9 we want to plug. 10 MR. NUTTER: And the well that you're 11 talking about is one indicated with the arrow. 12 That is correct. A. 13 ME. NUTTER: And that's right in the 14 center of the 40? 15 That's correct. Α. 1ь MR. NUTTER: Okay. 17 A. Exhibit Number Five is a portion of the 18 gamma ray electric log on this well. It shows the perfor-19 ated interval marked in the heavy line there between 1540 20 and 1593. 21 Exhibit Number Six is the temperature 22 survey which was run on this well after it was cemented, 23 which shows approximate top of cement at 1210 feet. 24 Mr. Chavez, do you have any other com-Q. 25 munications relative to this case that you feel should be

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brought to the Division's attention?

A Fer. See principals in 1990C Associates are still - still around; however, the company itself has been discolved. The been contacted by Mr. Dob Loft, who's an independent geologist out of Durango, and Mr. Marren Carr, who operates out of Oklabora. They were principals in this EPROC Associates. However, The -- when this case was first docketed they requested that the case be continued so they could get the necessary forms in to plug the well, and since then the continued a second time, which has now run into four months, and they've still not submitted the forms which I requested concerning the plugging of the well.

Q Why is it necessary to plug this well? A This well is -- is not operable. The replacement well was drilled and as of yet we don't know for sure why this well -- first well stopped producing. We're suspicious it was a casing failure. And secondly, it is located within a waterflood and just personal communication with ARCO, there's a possibility of tertiary recovery, and in such an operation this well would be a nuisance.

Q Would the -- could the casing failure lead to waste?

A. Yes. If water from the nearby injection wells would get into the casing there's a possibility that it could migrate up inside this casing into a higher inter-

SALLY W. BOYD, C.S.R. Rt. J Box 193-B Santa Fc, New Mexico 87501 Phune (503) 455-7409 1

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1 val through a casing failure which might be leaking. 2 Is there any danger that fresh water 3 aduifers right to contaminated through this well? Not actually in this are. There's very Γ. 5 little fresh water in those aquifers; however, it would lead 6 to -- there would be no contamination with fresh water, just 7 escape of injection water. 8 Mr. Chavez, are you propared to recommend  $\mathbf{\Omega}$ 5 a plugging program at this time or would you prefer to wait 10 until the actual time of plugging to recommend a program? 11 I'd prefer to wait till the actual time λ. 12 of plugging, being that we don't know for sure what the 13 condition of the casing is at this time. 14 Mr. Chavez, are Exhibits One through Six 15 true and correct copies of Division records? 16 Yes, they are. Λ. 17 MR. PADILLA: Mr. Examiner, I offer Ex-18 hibits One through Six and I have no further questions of 19 this witness. 20 MR. HUTTER: Exhibits One through Six 21 will be admitted in evidence. 22 23 CROSS EXAMINATION 24 BY MR. NUTTER: 25 Now, Mr. Chavez, as I understand it, the Q.

SALLY W. BOYD, (J.S.R. Rt. 1 Box 193-B Santa Fc, New Mexico 87501 Phone (505) 455-7401

1 well was originally drilled by Monsanto Chemical Company, 2 correct? 3 è. That's correct. 0 Under their bond? 5 That's right. A, 6 And then, according to a C-110 which was Û 7 received by the QCD on May 17th, 1960, ownership was trans-8 ferred from Monsanto Chemical Company to EPROC Associates. ŷ That's correct. A. 10 Ω Now, when was this lease turned over to 11 ARCO to operate as a unit, prior to this time or subsequent 12 to this time? 13 It was subsequent to this time. A. 14 So then when ARCO took over the lease, Q 15 they took over this other well that was on the 40-acre tract, 16 but according to their letter to you, dated January 31, 1980, 17 they did not take over this particular well. So ARCO has 18 nothing to do with this well, although it's on a lease that 19 they're presently operating? 20 That's correct. ñ, 21 And EPROC Associates are still responsible Q. 22 for the plugging of this well, and they do have a bond with 23 Hartford Indemnity Company. 24 λ. That's correct. 25 Now are these power lines going to present Q.

SALLY W. BOYD, C.S.R. Rt. 1 Box 193-B Santa Fe, New Mexico 87501 Phone (505) 455 7409

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î a problem in moving a rid onto the well to plug it? 2 If it is necessary to move a rig on to 1 3 plug it, yes. T don't know what --A Now high off the ground are these wires? Δ 5 Α. I didn't measure them but they're about 6 30 feet. 7 And so most workever units would be taller 0 8 than that. ŷ Oh, ves, definitely. Α. 10 So there may be some additional expense 0 11 on account of the power lines being there. 12 λ. That's correct. I was going to recommend 13 that perhaps we could require a higher bond than a \$5000 14 bond to take care of the expense of killing those lines out, 15 or any extra expense that would be run into. 16 " don \_ think we can do mything about 0. 17 the bond. Me've got \$5000 there. Do these people from 18 EPROC Associates act like they're willing to do something 19 about the well? 20 Over the past few months they've -- with λ. 21 my talking with them they've assured me that they're going 22 to send me a C-103. 23 But they haven't even filed the form. Q. | 24 They haven't filed it yet, and I've called A. 25 them two or three times, at least. I haven't logged those

SALLY W. BOYD, C.S.R. Rt. 1 Box 193-B Santa Fe, New Mexico 87501 Phone (505) 455-7409
	Page
1	calls but I've contacted them.
2	MR. NUTTER: Are there any other questions
3	of Mr. Chavez? He may be encured.
4	Do you have anything further, Mr. Padilla?
5	MR. PADILLA: Nothing further.
6	ME. NUTTER: Does anyone have anything
7	they wish to offer in Case Number 6803?
8	We'll take the case under advisement.
9	
10	(Hearing concluded.)
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25	i i i i i i i i i i i i i i i i i i i
	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23

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Pege 12

### CDBTIFICATD

I, FALLY U. BOYD, C.G.B., DO HURDBY CERTIFY that the foregoing Transcript of Hearing before the Oil Conservation Division was reported by re; that the said transcript is a full, true, and correct record of the hearing, prepared by Me to the best of my ability.

I do hereby certify that the foregoing is a complete record of the proceedings in the Examiner intertug of flass to 6803 heard by me on 64 1980 \_, Examiner Oil Concervation Division

**SALLY W. BOYD, C.S.R.** Rt. I Box 193-B Santa Fc, New Mexico 87301 Phone (503) 435-7409 1

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

January 28, 1980

CERTIFIED - RETURN RECEIPT REQUESTED

EPROC Associates P. O. Box 1266 Scottsdale, Arizona 85201

Hartford Accident and Indemnity Company 690 Asylum Avenue Hartford, Connecticut 06115

> Re: Monsanto State H Well No. 1, located in Unit E of Section 2, Township 30 North, Range 16 West, San Juan County Plugging Bond

#### Gentlemen:

Enclosed is a copy of the Notice of Publication of the Examiner Hearing to be held on Wednesday, February 13, 1980, at 9 o'clock a.m. in the Oil Conservation Division Conference Room, State Land Office Building, Santa Fe, New Mexico. Case 6803 concerns the above captioned subject matter.

Very truly yours,

ERNEST L. PADILLA Ceneral Counsel

ELP/fd enc.



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### NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Meetico

## NOTICE OF INTENTION TO DRILL OR RECOMPLETE

Notice must be given to the District Office of the Oil Conservation Commission and approval obtained before drilling or recompletion begins. If changes in the proposed plan are considered advisable, a copy of this notice showing such changes will be returned to the sender. Submit this notice in QUINTUPLICATE. One copy will be returned following approval. See additional instructions in Rules and Regulations of the Commission. 11 State Land submit & Copies

Snyder, Texas (Place)	•••
--------------------------	-----

6/19/57

(Date)

OIL CONSERVATION COMMISSION SANTA FE, NEW MEXICO Gentlemen:

You are hereby notified that it is our intention to commence the (Drilling) (Ministry of a well to be known as Monsanto Chemical Company (Company or Operator)

	Sta	te "H	1	Well No. 1, in B. The well
			(1.ease)	(Unit) North line and 660 feet from th
				Har of Section 2, T. 30 N, R. 16 M, NMPM.
				INE) Undesignated Pool, San Juan Count
			······	11 State Land the Oil and Gas Lease is No. E 9896
D	с	В	A	If patented land the owner is
E	F	G	н	We propose to drill well with drilling equipment as follows:
				The status of plugging bond is Blanket Bond in effect
L	к	1	I	Drilling Contractor Geo. N. Riley, Inc.
				Odessa, Texas
м	N	о	P	We intend to complete this well in the Mesavorde Gallup
[!	1		<u> </u>	formation at an approximate depth of

CASING PBOGRAM

We propose to use the following strings of Casing and to cement them as indicated:

Size of Hole	Bize of Casing	Weight per Poot	New or Second Hand	Donth	Facts Comm
12-1/4=	8-5/8=	32#	Reconditioned	200	200
7-7/8 *	4-1/2"	11.6#	New	- 2500	-1 150
					1 MARX
				1 71	JUVIN

If changes in the above plans become advisable we will notify you immediately. ADDITIONAL INFORMATION (If recompletion give full details of proposed plan of work.)

JUN 21 1557 OIL CON. COM DIST. 3

6-21 19 57 Approved. Except as follows:

Sincerely yours,

HONSANTO CHEHICAL COLE ANT Ų a uil  $\mathcal{L}$ By.

OIL CONSERVATION COMMISSION Chis: Ey.

Position E. H. Muhlbach, Dist. Supt. Send Communications regarding well to Name Monsanto Chemical Company Address Box 492, Snyder, Texas

Form C-128 Revised 5/1/57

#### NEW MEXICO OIL CONSERVATION COMMISSION

#### Well Location and Acreage Dedication Flat



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## NEW MEXICO OIL CONSERVATION COMMISSION MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106)

		(Add	ress)		······································		
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	-				-	ounty, New	Mexico
This is a R	eport of: (Check	appropriate	olock)	X Resi	ilts of '	Test of Ca	sing Sh
<b>X</b> Be	ginning Drilling	Operations		Rem	edial V	Vork	
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	<b>~66</b> · · · 6						
Detailed acc	count of work dor	ne, nature an	d quantity	of mater	ri <b>als</b> us	ed and res	sults ob
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circulated.	8-5/8• 32# casi	ng at 235 with	n 150 sxe.	Plug do	m at l	0: <u>55</u> PM, c	ament
in 30 minut	er plug was down, es. After drilli op in 30 minutes.	ng the plug,	as tested a casing was	rith 550 again te	psi wit sted wi	h n <b>o press</b> i th 550 psi	ure drop with no
					-		
FILL IN BF	LOW FOR REM	EDIAL WORK	REPORT	S ONLY			
Original We			uith				
DF Elev.	TD	PBD	Prod.	Int.	Ċ	Compl Dat	e
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### NEW MEXICO OIL CONSERVATION COMMISSION MISCELLANEOUS REPORTS ON WELLS

## (Submit to appropriate District Office as per Commission Rule 1106)

	•	ess)	-	- 30 4	
LEASE State H	WFLL NO. 1				R 16 ₩
DATE WORK PERFORM	IED July 7-10, 1957	POOL			
This is a Day of (C)		<b>/</b>		county, Texa	
This is a Report of: (Ch	neck appropriate bl		Results of	Test of Ca	sing Snut-o
Beginning Drill	ing Operations		Remedial V	Work	
Plugging			Other		
Detailed account of work	c done, nature and	quantity of n	aterials us	sed and res	ults obtain
and 1/1# flocele per sx. July 10, 1957 Before drilling plug, the drop. After drilling the	casing was tested	with 1000 ps:	for 30 miz ted with 100	nutes with 1 00 psi with	no pressure no pressure
drop in 30 minutes.					
FILL IN PELOW FOR D	EMEDIAL WORK				
FILL IN BELOW FOR R Original Well Data:	EMEDIAL WORK F	(EPORIS <u>OF</u>			
DF Elev. TD	PBD	Prod. Int.		Compl Dat	<b>A</b>
Tbng. Dia Tbng I		I String Dia		l String De	
Perí Interval (s)					
Open Hole Interval	Producir	g Formation	(c)		······
	FIGUUER	if i ormanoi			
RESULTS OF WORKOVI	ER:		BEFOR	E A	FTER
	ER:		BEFOR	E A	FTER
Date of Test			BEFOR	E A	FTER
Date of Test Oil Production, bbls. pe	er day		BEFOR	E A	FTER
Date of Test	er day		BEFOR	E A	FTER
Date of Test Oil Production, bbls. pe	er day r day		BEFOR	E A	FTER
Date of Test Oil Production, bbls. pe Gas Production, Mcf pe	er day r day . per day		BEFOR	E A	FTER
Date of Test Oil Production, bbls. pe Gas Production, Mcf pe Water Production, bbls.	er day r day . per day per bbl.		BEFOR	E A	FTER
Date of Test Oil Production, bbls. pe Gas Production, Mcf pe Water Production, bbls. Gas-Oil Ratio, cu. ft. p	er day r day . per day per bbl.		BEFOR	E A	FTER
Date of Test Oil Production, bbls. pe Gas Production, Mcf pe Water Production, bbls. Gas-Oil Ratio, cu. ft. p Gas Well Potential, Mcf Witnessed by	er day r day . per day ber bbl. f per day				
Date of Test Oil Production, bbls. pe Gas Production, Mcf pe Water Production, bbls. Gas-Oil Ratio, cu. ft. p Gas Well Potential, Mcf Witnessed by	er day r day . per day ber bbl. f per day	I hereby cer above is tru	tify that the and comp	Company) e informat	ion given
Date of Test Oil Production, bbls. pe Gas Production, Mcf pe Water Production, bbls. Gas-Oil Ratio, cu. ft. p Gas Well Potential, Mcf Witnessed by OIL CONSERVATIO	er day r day per day ber bbl. [ per day ON COMMISSION	above is tru my knowled	tify that the and comp	Company) e informat	ion given
Date of Test Oil Production, bbls. pe Gas Production, Mcf pe Water Production, bbls. Gas-Oil Ratio, cu. ft. p Gas Well Potential, Mcf Witnessed by OIL CONSERVATION Name Original Signed E	er day r day . per day ber bbl. f per day ON COMMISSION mery C. Árno <b>ki</b>	above is tru my knowled Name	tify that the e and comp	Company) e informat olete to the	ion given best of
Date of Test Oil Production, bbls. pe Gas Production, Mcf pe Water Production, bbls. Gas-Oil Ratio, cu. ft. p Gas Well Potential, Mcf Witnessed by OIL CONSERVATION Name Original Signed E Title Supervisor Dist #	er day r day . per day ber bbl. f per day ON COMMISSION mery C. Árno <b>ki</b>	above is tru my knowled Name Position_ <u>E</u>	tify that the e and comp e MM H. Muhlbach	Company) e informat olete to the Mark, Dist. Su	ion given best of pt.
Date of Test Oil Production, bbls. pe Gas Production, Mcf pe Water Production, bbls. Gas-Oil Ratio, cu. ft. p Gas Well Potential, Mcf Witnessed by OIL CONSERVATION Name Original Signed E	er day r day . per day ber bbl. f per day ON COMMISSION mery C. Árno <b>ki</b>	above is tru my knowled Name	tify that the e and comp e MM H. Muhlbach	Company) e informat olete to the Mark, Dist. Su	ion given best of pt.
Date of Test Oil Production, bbls. pe Gas Production, Mcf pe Water Production, bbls. Gas-Oil Ratio, cu. ft. p Gas Well Potential, Mcf Witnessed by OIL CONSERVATION Name Original Signed E Title Supervisor Dist #	er day r day . per day ber bbl. f per day ON COMMISSION mery C. Árno <b>ki</b>	above is tru my knowled Name Position_ <u>E</u>	tify that the e and comp e MM H. Muhlbach	Company) e informat olete to the Mark, Dist. Su	ion given best of pt.
Date of Test Oil Production, bbls. pe Gas Production, Mcf pe Water Production, bbls. Gas-Oil Ratio, cu. ft. p Gas Well Potential, Mcf Witnessed by OIL CONSERVATION Name Original Signed E Title Supervisor Dist #	er day r day . per day ber bbl. f per day ON COMMISSION mery C. Árno <b>ki</b>	above is tru my knowled Name Position_ <u>E</u>	tify that the e and comp e MM H. Muhlbach	Company) e informat olete to the Mark, Dist. Su	ion given best of pt.
Date of Test Oil Production, bbls. pe Gas Production, Mcf pe Water Production, bbls. Gas-Oil Ratio, cu. ft. p Gas Well Potential, Mcf Witnessed by OIL CONSERVATION Name Original Signed E Title Supervisor Dist #	er day r day . per day ber bbl. f per day ON COMMISSION mery C. Árno <b>ki</b>	above is tru my knowled Name Position_ <u>E</u>	tify that the e and comp e MM H. Muhlbach	Company) e informat olete to the Mark, Dist. Su	ion given best of pt.

CIL COH. CO DIST. 3

### NEW MEXICO OIL CONSERVATION COMMISSION MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106)

COMPANY	Monsanto	Chamical	Company,	Box	492.	Snyder,	Texa
			(1	ddr	ess)		

LEASE State "H"	WELL NO.	3.	UNIT B	S	2	Т	30	X	R 16 W
DATE WORK PERFORMED	7/12 - 7/22,	1957	POOL	Unde	sign	ated			
				San	Juan	Count	<b>y</b> , 1	New	Verice
This is a Report of: (Check	appropriate	block)		Resu	lts o	f Tes	t of	Cas	sing Shut-off
Beginning Drilling	Operations			Rem	edial	Work	c		
Plugging			X	Othe	r				

Detailed account of work done, nature and quantity of materials used and results obtained. 7/h2/57: Treated with 500 gal. mud acid, HD at 500%, rumped in at 150-200%. Swabbing.
7/13/57: Swabbed dry then bailed 5 gal. cil/hr. Treated w/5000 gal. cil & 5000# sand, BD 575#, Pumped in at 150#, SIP 50#. Swabbed less than 1/2 BPH.
7/16/57: Total Depth 1634. 42\* casing at 1600! Set cement retainer at 1578!, squeezed with

	60 sxs., Max. Pressure	1500#, Reversed out 20 sx	s., completed at 8:30 PM.
7/18/571	Drilled out to 1630',	ecant all through section,	, no fluid, now preparing to load

., ,,,,,,	w/water and tes	t w/250#	•		9		•	•			-	
7/19/57+	Icaded hole wit	h water.	pressured	to 🕻	300#.	hole	started	taking	wate	r but	, did not	

17477211	Thurse word	ILL ML MADUL	a hreesere		130.30 1.004 0004	Construction Co		
	break down.	Will dril	l chead.					
7/22/57:	PBID 1593, s	et Bridge	Plug at 15	98! with 4!	hydromite on	top.	WOC 8 hrs.	Perf. 1

/22/57:	PETD 1593, set Bridge Plug at 1598! with h! hydromite on top. WOC 8 hrs. Perf. 151	<b>10-</b>
	1593 w/4 shots/ft. Treated w/1000 gals. mid acid, BD 500# then went on vacuum.	
	Swabbed 1 BFPH, 90% cil 10% acid water.	

DF Elev. TD PBD		Prod. Int.	Comp	1 Date
Tbng. Dia Tbng Depth	0	il String Dia		ng Depth
Perf Interval (s)		-		
Open Hole Interval P	roduc	ing Formatio	n (s)	
RESULTS OF WORKOVER:			BEFORE	AFTER
Date of Test				·
Oil Production, bbls. per day				
Gas Production, Mcf per day				
Water Production, bbls. per day				and a second
Gas-Oil Ratio, cu. ft. per bbl.			······································	
Gas Well Potential, Mcf per day				
Witnessed by				
			(Comj	
OIL CONSERVATION COMMISS			rtify that the info ue and complete t lge.	-
Name Original Signed Emery C. Arn	old	Name ///	Muhlad	· · · · · · · · · · · · · · · · · · ·
Title Supervisor Dist. # 3		Position H.	Muhlbach, Dis	t. Superinter
Date JUL 2 6 1957	<u></u>	Company N	ensanto Chemic	al Company

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### NEW MEXICO OIL CONSERVATION COMMISSION MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106)

COMPANY	Monsanto Che	zical Company,	Box l	92. Sro	der	. Te	T28		
			lress)	·····					
LEASE Stat	·e •·H •	WELL NO.	1	UNIT	ß	S	2	т 30 в	R 16 W
DATE WORK	PERFORMED	7-25 - 3-3, 1	951	POOL		Unde	signa	ted	
						San	Juan (	County, He	Waxice
This is a Rep	ort of: (Check	appropriate l	block)		R	esul	ts of	Test of C	asing Shut-off
Begi	nning Drilling	Operations			R	eme	dial N	Work	
Plug	ging			I	<u>_</u> 0	ther			

Detailed account of work done, nature and quantity of materials used and results obtained.

7/25/57 Attempted 30,000 gal. oil frac. Initial injection pressure 650# at h0 BPK, increased to 1150 after injecting 73 balls - then screened out - had 23,000 gals. w/l# send per gal. into formation, SIP 200#. Flowed back 75 bbl. load oil, now prep. to check sand fillup.

7/26/57 - 7/30/57 Sand fillup 110' - clasning out sand.

7/31/57 - 8/3/57 Setting pumping unit.



FILL IN BELO	W FOR RE	MEDIAL WO	ORK REPORTS ONL	Y.	
Original Well I	)ata:				
DF Elev.	TD	PBD	Prod. Int.	Com	pl Date
Ibng. Dia	Tbng De	pth	Oil String Dia	Oil Str	ing Depth
Perf Interval (s	s)				
Open Hole Inter			oducing Formation (	s)	
RESULTS OF V	WORKOVER	L :		BEFORE	AFTER
Daie of Test					·
Oil Production,	, bbls. per	day		<u> </u>	
Gas Production	, Mcf per	day			
Water Product	ion, bbls.	per day			
Gas-Oil Ratio,	cu. ft. per	r bbl.			
Gas Well Poter	tial, Mcf p	er day			
Witnessed by					
-		·			pany)
OIL CONS	ERVATION	COMMISSI	ON I hereby certi above is true		ormation given to the best of
Name Supervisor	Dist. # 3	· .	my knowledge Name	Mull	al
Title Original S	signed Emer	y C. Arnald	Position E. H	. Muhlbach, Di	st. Supt.
Date AUG 9 19	57		Company Mons	anto Chemical	Company



### NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

## WELL RECORD

Mail to District Office, Oil Conservation Completion, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE.

AREA CID ACRES' LOCATE WELL CORRECTLY

X

Mon	sarto Chemi	cal Compan	<b>y</b> or:			State H		•••••
Well No.	<u>1</u>	, in	14 of	.1/4, of Sec 2	, т. <b>30</b> М	I, R. 10	5 ¥, NMI	' <b>М</b> .
	Undesignat	be			Sar	Juan	Cou	aty.
Well is	1980	fect from	North	line and	660	feet from	Kest.	line
of Section.	2	If Stat	e Land the Oit a	nd Gas Lease No. is	<u>8 9896</u>			
Drilling C	ommenced	<u>ī</u> — ī		, 19 <b>51</b> Drilling was	Completed	7 <b>- 2</b>		
Name of I	Drilling Contract	or. Empir	e States Dr	illing Corp.				
Address	820 Sins	Fidg., Al	pndnatdne	New Mexico				
	above sea level at —			5674	The informa	tion given is to b	e kept confidential u	ntil

OIL SA	NDS OR ZONES	
1593	No. 4 from	

No. 1, from 1540 to 1593	No. 4, frem
No. 2, fromto	No. 5, fromto
No. 3, from	No. 6, from

#### IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from		feet.
No. 2, from	to	feet.
No. 3, from	to	feet.
No. 4, from	to	fcet

	CASING RECORD										
SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	RIND OF SHOE	ULF AND PULLED FROM	PERFORATIONS	PURPOSE				
8-5/8 *	32#	New	2251	Float	•	······································	Surface				
4-1/2"	11,6	Nor	1593.5	Float & Col	lar	1540 - 1593	Production				

			MUDDIN	G AND CEMENTING RI	ECORD	
SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACES OF CEMENT	METHOD CSED	JUD GRAVITY	AMOUNT OF MUD USED
	8-5/8=	235	150	Fump & Plug		
•	1-1/2*	1600	150	. #		

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

For Record Of Treatments, please refer to Form C-103 filed covering work from 7/12 - 7/22, 1957 and 7/25 - 8/3/57.



.

Result of Production Stimulation ......

### RECORD OF DRULSTEM AND SPECIAL TESTS

	If drill	-strm or e	ther special tests or deviation surveys a more	wrie n. DIS US		mit r*p ·r	сов мірлі	ate sheet and strach hereto.
			0 feet to. 160 1600 feet to. 172	Q	f <del>re</del> t, an			fect to
				DUCTI				
Put to Fr	oducing		8 - 29 19 5	7			•	
						la:	rts of tio	uid of which
	W A.S	oil;						2. Tr was sediment. A.P.1.
GAS WE	LL: The	productio	n during the first 24 hours was			d.C.Г. ph	JS	barrels of
	liqu	id Hydroc	arbon. Shut in Pressure	Ibs.				
Length o	f Time Sh	ut in		••••				
PLE	ASE IND	ICATE B	ELOW FORMATION TOPS (IN C	ONFOI	RMANO	E WITH	GEOGR	APHICAL SECTION OF STATE):
			Southeastern New Mexico					Northwestern New Marton
•			T. Devonian					Ojo Alame
			T. Silurian.					Kirtland-Fruitland
			T. Montoya T. Simpson				•	Farmington
			Т. МсКее		· ,			Menefee
T. Quee	מ		T. Ellenburger				т.	Point Lookout.
T. Gray	bu <b>rg.</b>						Т.	Малсоз
T. San .	Andres		T. Granite					Dakota
								Morriscn
								Penn Upper Gallup 1353
								Iower Gallup 1540
			T					Sanastea 1702
T. Miss.	•••••••						Т.	
<u></u>			FORMAT	ION	RECO	RD		• :
From	To	Thickness in Feet	Formation		From	То	Thickness in Feet	Formation
0 285 570 660 1353 1500 1570 1625 1665 1690	285 590 653 1353 1510 1570 1625 1665 1690 1702		SS w/Irregulær Introds of shale Sh w/few Intods of SS Sandstone and Shale Sh w/few Intods of silt sandstone Shale, Calc., Silty Silt, Shaley Introd Sandstone & Shale Silt Silt & Shale Silt, Shale & Sandstone	č.		AZT	C DIS	
1702	1720		Introd Limestone, silt a	and			DIST	IBUTION
	1720	]	shale, foss frags Total Depth					NO. FURNISHED
					8-10 6-16 U	ration taition C taition C taition C S G S hisporte		2
·	-				File			

ATTACH SEDADATE MILLT IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Company of Orensor

Address Box 492, Snyder, Texas Position or Title Dist. Supt.

Form C-110 ----Revised 7/1/55

## NEW MEXICO OIL CONSERVATION COMMISSION SANTA FE, NEW MEXICO

(File the original and 4 copies with the appropriate district office)

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

Company or Operator	Monsanto Chemical Compar	Lea	ise State	<u>яНа</u>
Well No. 1	Jnit Letter <b>B</b> S <b>2</b> T <b>X</b>	NR 16 W Pool	Indes ignate	1
County San Juan	Kind of Lease (S	state, Fed. or Pat	ented) St	ato
If well produces oil c	or condensate, give locatio	n of tanks:Unit <b>B</b>	S 2 T	30 N R 16 W
Authorized Transpor	ter of Oil or Condensate	El Paso Natural O	as Products	Co.
	ld, New Maxico			
	dress to which approved co	py of this form is	to be sent	)
Authorized Transpor	ter of Gas None			
Address		6 41 i - 6 · · · · i -		\
	dress to which approved co old, give reasons and also			
No sales outlet	-	explain its presen	t dispositiv	
NO BOTOS CASTAS				
			······································	
Reasons for Filingui	Please check proper box)	Now Woll		(X)
Change in Transport	er of (Check One): Oil ( )	Dry Gas ( ) C h		Idensate ( )
Change in Ownership	()	Other		()
Remarks:		Give ex	planation 1	pelow)
			RI	DI 1957 CON. COM
				CON CON
The undersigned cert	tifies that the Rules and Re	mulations of the O		DIST. Come
mission have been co			II CONSCIV	
	-		×.	and the second sec
Executed this the 9t	ha day of September 19	57		
		By Mu	hlla	h
Approved	SEP 1 1 1957 19	Title E. H. Muhl	bach, Dist.	Sup t.
OIL CONSERV.	ATION COMMISSION	Company Monsa	nto Chemica	T Combany
By Original Signed H	Emery C. Arnold	Address Box L	92	
Title Supervisor Dist. #		Snyde	er, Texas	
•				

(Form C-104) (Baviard 771, 52)

#### NEW MENICO OIL CONSERVATION COMMISSION Santa Fe, New Mexico

### REQUEST FOR (OIL) - (HEASE) ALLOWABLE

New Well X Recompletion

This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPLICATE to the same District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 A M on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

nsanto	Chasical	Company	G AN ALLOWABLE FOR A WELL KNOWN AS: State #H <sup>®</sup> , Well No. <b>1</b> , in. SW (Lease)	14. M
L (Unit	, Sec		T. D. R. IO W., NMPM., Undesignated	
	se indicate l		County. Date Spudded 7-1-57 Date Completed 8-2	9-57
1			Elevation. 5670.a2. Gala Total Depth	15931
I			Top oil/gas pay 1500 Name of Prod. Form Lowe	r Gellup
-			Casing Perforations: 1540 - 1593	0
			Depth to Casing shoe of Prod. String	
			Natural Prod. Test	BOPI
			based on	
	and Cement	ine Basand	fracture Test after 2000 chox 19	BOPI
Size	Feet	Sax	Based on	
3-5/8	225	150	Gas Well Potential	
			Size choke in inches. Pumping	
1/2	1593.5	150	Date first oil run to tanks or gas to Transmission system: 8-29-	57
			Transporter taking Oil or Gas: El Paso Natural Gas Produc Bloomfield, New Mexico	ts Co.
marks:	2" tubin		570.57:	
······	•••••••••••••••••			ILLE NO

OIL CONSERVATION COMMISSION By: Original Signed Emery C. Arnold

Title Supervisor Dist. # 3

8.

M By:.... (Signature) Title E.H. Muhlbach, Dist. Supta

Send Communications regarding well to: Name Monsento Chemical Company

Name.. Box 492, Snyder, Texas Address.

#### NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

### MISCELLANEOUS NOTICES

Submit this notice in TRIPLICATE to the District Office, Oil Conservation Commission, before the work specified is to begin. A copy will be returned to the sender on which will be given the approval, with any modifications considered advisable, or the rejection by the Commission or agent, of the plan submitted. The plan as approved should be followed, and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission.

Indicate Natur	e of Notic	• by Checki	ng Belov
----------------	------------	-------------	----------

Notice of Intention to Change Plans		Notice of Intention to Temporarily Abandon Well		NOTICE OF INCENTION TO DRILL DEEPER	
NOTICE OF INTENTION TO PLUG WELL		NOTICE OF INTENTION TO PLUG BACK		Notice of Intention to Set Liner	
Notice of Intention to Squeeze		Notice of Intention to Acidize		Notice of Intention to Shoot (Nitro)	
NOTICE OF INTENTION TO GUN PERFORATE	I	NOTICE OF INTENTION (O) HER)	x	NOTICE OF INTENTION (OTHER)	

OIL CONSERVATION COMMISSION SANTA FE, NEW MEXICO

October 22. 1958 (Date)

Gentlemen:

Following is a Notice of	Intention to do certain work	as described below at	the

Midland, Texas

Mon	santo Chemic	cal Company		State "H	<b>F</b>	Well Ne 1	in	E
Sh	1/4 NW	(Company or Operator)	<sub>T</sub> 3011	, 15V	NMPM.	Horseshoe-Gallur	<u>c</u>	(Unit) Pool
<b>S</b> -1	(60-acre Subdivision)		····· <b>,</b> ·······························			******		

TE INCOL

Ju 

#### FULL DETAILS OF PROPOSED PLAN OF WORK

(FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS)

Pull rods and tubing. Reperforate 1530-40! with & shots per foot. Sandoilfrac with

35,000 crude oil with 1# sand per gallon using 240 ball sealers. Rerun tubing, rods and pump and recover load and repotential.

	CTELL/ED
	ALUL 1958 OCT 27 1958 OL CON. 3 OIL DIST. 3
Approved	Monsarto Chemical Corrany
Except as follows:	By Company of Operator (J. F. Reed)
	Politica District Superintendent
Approved OIL CONSERVATION COMMISSION	Send Communications regarding well to:
Original Signed Emery C. Arnold By	Name Monsanto Chemical Company. Attn: J. F. R.

Supervisor Dist # 3 Title.

Address P. O. Drawer 1829, Midland, Texas

F. Reed

### NEW MEXICO OIL CONSERVATION COMMISSION SANTA FE, NEW MEXICO

(File the original and 4 copies with the appropriate district office)

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

	<b>1</b> Un	t Letter <b>B</b>	S 2 T	30 N R 16 W	Pool Unde	aignated	
County	San Juan	Kind	of Lease	(State, Fed.	or Patente	ed) State	
If well pro	oduces oil or	condensate, g	give locat	ion of tanks:	Unit <u>B</u> S	2 T 30	<u>n R 16 W</u>
Authorize	d Transporte	r of Oil or Co	ndensate_	McWood C	orp.	·	
Address_		oum Bldg., Abs					
		ess to which a	••	copy of this	form is to	be sent)	
		r of Cas			·· <u>······</u> ····························		
Address	Give addr	ess to which a	paraved	copy of this	form is to	he centl	
lf Gas is a	not being sold	, give reason	s and also	o explain its	present di	sposition:	
	s outlet, gas	-		-	•	-	
							· · · · · · · · · · · · · · · · · · ·
	·····						·
Reasons f	or Filing:(Pla	ease check pro	oper box)	New We	11		_()
Change in	Transporter	of (Check One	e): Oil (]	<b>0</b> Dry Gas	() C'head	() Conder	nsate()
Change in	Ownership		( )	0.1			( )
Unange in	owneromp			Other			
				Other			
This form to McWood The under mission h	submitted to Corp. effects signed certif ave been com	change Transp	orter of ( ules and <u>F</u>	<b>Cil from El l</b> Regulations	eso Retural	. Gas Frodu	rts Compan
This form to McWood The under mission h Executed	submitted to Corp. effects signed certif ave been com	change Transpo ve 11-12-57.	ules and <u>P</u>	Regulations	eso Retural	Gas Frodu onservatio	n Company
This form to McWood The under mission h Executed Approved	submitted to Corp. effects signed certif ave been com this the 18th	change Transpo ve 11-12-57. ies that the Ruplied with. day of <b>Novem</b>	ules and H	Cil from El l Regulations 19 <b>57</b> By Title <b>E</b>	<b>Paso Natural</b> of the Oil C	Gas Froduc Conservation	n Company
This form to McWood The under mission h Executed Approved OIL	submitted to Corp. effects signed certif ave been com this the 18th CONSERVAT	change Transpo to 11-12-57. ies that the Ruplied with. day of <b>Novem</b>	ules and H	Regulations By By Title E Company	Paso Natural of the Oil C MM	Gas Froduc Conservation	n Company

### NEW MEXICO OIL CONSERVATION COMMISSION MISCELLANEOUS REPORTS ON WELLS

Form C-103 (Revised 3-55)

(Submit to appropriate District Office as per Commission Rule 1106)

1.MASE       State "H"       WELL NO.       UNIT E S 2 T 30K R164         DATF WORK PERFORMED See below       POOL       Borseshoe-Gallup         This is a Report of: (Check appropriate block)       Results of Test of Casing Shut-Gallup         Beginning Drilling Operations       Remedial Work         Plugging       Other         Detailed second of or A dome, nature and quantity or materials used and results ofta         0-22-58       Pulled rods and tubing. Perforated 1530-40 W4 shote per foot.         0-23-58       Sandolfreed W35,000 g21, crude W14 and per g21, used 210 ball scalers. Pump In press. 1100%, max. prest. 1550%, avg. inj. rate 48.4 EPM. 6 hr. SIF 600%.         0-22-58       Reren tubing & rods.         0-25 thra       Fill.L IN BELOW FOR REMEDIAL WORK REPORTS ONLY         Original Well Data:       DF Elev. 5674         DF Elev. 5674       T D 1720' PBD 1593'         Producing Formation (s) Eating Depth 575:57         Perf Interval (s) 1540-73       Compl Date 2-27-57         Opp. Hold Interval       None         Producing Formation (s) Eating Depth 575:57         Perf Interval (s) 1540-73       Compl Date 2-27-57         Opp. Hold Interval       None         Producing Formation (s) Eating Depth 575:57         Opp. Hold Interval       None         String Depth 1571'       Oil Stri			(Addre	ess			
DATE WORK PFRFORMED See below POOL BURSENDE-Gallup This is a Report of: (Check appropriate block) Results of Test of Casing Shut Beginning Drilling Operations Remedial Work Plugging Other Defailed second of a control of the second and results of the second and the second and results of the second and the second and results of the second and the second an	LEASE St	ate "H" W	ELL NO. 1	UNIT E	s <b>2</b>	T 30N	<sub>R</sub> 16W
Beginning Drilling Operations Plugging Defailed recount of work dume, nature and quantity of materials used and results obta 0-22-58 Pulled rols and tubing. Perforated 150-40 W/4 shots per foot. 0-23-58 Sandolfraced W/35,000 gal. crude W/1# sand per gal., used 240 ball scalers. Pump in press. 1100%, max. press. 1550%, avg. inj. rate 48.4 EPM. 6 hr. SIP 6009. 0-21-58 Reren tubing & rods. 0-25 thru 1-15-58 Pumped & recovered all frac & load of1.  FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY Original Well Data: DF file, 5674' TD 1720' PBD 1593' Prod. Int. 1540-93' Compl Date 8-29-57 Tbng. Dia 23/8" Tbng Depth 1571' Oti String Dia 4 11/2" Oti String Depth 393357 Perf Interval (s) 1540-93 Open Hole Interval [Std0-93 Open Hole Interval [Std0-93 Open Hole Interval [Std0-93 Open Hole Interval [Std0-93 Gas Production, bbls. per day Water Production, bbls. per day Gas. Oil Ratio, cu. ft. per bbl. Gas Well Potential, Mcf per day Witnessed by W. T. Dubs Date Original Signed Emery C Arroid Name Origital Signed Emery C Arroid Name Origital Signed Emery C Arroid Name Origital Signed Emery C Arroid	DATE WOR	and the second sec		POOL	Horseshoe-(	Gallup	
Beginning Drilling Operations Plugging Defailed recount of work dume, nature and quantity of materials used and results obta 0-22-58 Pulled rols and tubing. Perforated 150-40 W/4 shots per foot. 0-23-58 Sandolfraced W/35,000 gal. crude W/1# sand per gal., used 240 ball scalers. Pump in press. 1100%, max. press. 1550%, avg. inj. rate 48.4 EPM. 6 hr. SIP 6009. 0-21-58 Reren tubing & rods. 0-25 thru 1-15-58 Pumped & recovered all frac & load of1.  FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY Original Well Data: DF file, 5674' TD 1720' PBD 1593' Prod. Int. 1540-93' Compl Date 8-29-57 Tbng. Dia 23/8" Tbng Depth 1571' Oti String Dia 4 11/2" Oti String Depth 393357 Perf Interval (s) 1540-93 Open Hole Interval [Std0-93 Open Hole Interval [Std0-93 Open Hole Interval [Std0-93 Open Hole Interval [Std0-93 Gas Production, bbls. per day Water Production, bbls. per day Gas. Oil Ratio, cu. ft. per bbl. Gas Well Potential, Mcf per day Witnessed by W. T. Dubs Date Original Signed Emery C Arroid Name Origital Signed Emery C Arroid Name Origital Signed Emery C Arroid Name Origital Signed Emery C Arroid							
Plugging       Other         Detailed second 2 -0.4 Jone, nature and quantity of materials used and results obta         0-22-58       Fulled rots and tubing, Perforated 1530-40 W/4 shots per foot.         0-23-58       Sandollfneed W/35,000 gel. crude W/14 sond per gel., used 2.0 ball sealers. Pump in press. 1100#, max. prest. 1550#, avg. inj. rate 189.4 BFH. 6 hr. SIF 600#.         0-24-58       Reran tubing & rods.         0-24-58       Reran tubing & rods.         0-25 thru       Pumped & recovered all frac & load oil.         1-15-58       Pumped & recovered all frac & load oil.         0-25 thru       Pumped & recovered all frac & load oil.         0-27 figural Well Data:       0         DF Flev. 5674!       TD 1720!         PBD 1593!       Prod. Infl\$40-93!         Compl Date       8-29-57         Tbng. Dia 2 3/88       Tbng Depth 1571!         Orie Interval (s) 1540-93       Compl Date         Open Hole Interval (s) 1540-93       Compl Date         Open Hole Interval (s) 1540-93       Oil String Depth 1571?         Other Interval (s) 1540-93       Oil String Depth 1571?         Other Interval (s) 1540-93       Gas Production, bbls. per day         Gas Production, bbls. per day       5         Gas Production, bbls. per day       0         Gas Well Potential, Mcf	This is a R	eport of: (Check ap	propriate blo	nck)	Results of	Test of Ca	ising Shut-o
Detailed product of work done, nature and quantity of materials used and results obta 0-22-58 Fulled rods and tubing. Perforated 1530-40 W/4 shots per foot. 0-23-58 Sandolfraced W/35,000 gal. crude W/1# sand per gal., used 240 ball sealers. Pump in press, 1100%, max, press. 1550%, avg. inj. rate 18.4, BPM. 8 hr. SIF 600%. 0-22-58 Reren tubing & rods. 0-25 thru 1-15-58 Pumped & recovered all frac & load oil. FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY Original Well Data: DF Flev. 5674 <sup>1</sup> TD 1720 <sup>1</sup> PED 1593 <sup>1</sup> Prod. Int <sup>154,0-93<sup>1</sup></sup> Compl Date <sup>8-22-57</sup> Tbng. Dia 2 3/8 <sup>8</sup> Tbng Depth 1571 <sup>1</sup> Oil String Dia 4 1/2 <sup>8</sup> Oil String Depth <sup>573-57</sup> Perf Interval (s) 1540-93 Open Hole Interval <sup>NORD</sup> Producing Formation (s) Callup RESULTS OF WORKOVER: BEFORE AFTFR Date of Test 10-15-58 11-16-58 Oil Production, bbls. per day 5 37 Gas Production, bbls. per day 0 0 Gas-Oil Ratio, cu. ft. per bbl. Gas Well Potential, Mcf per day Witnessed by Y.T. Duke More Chemical Co. Mame-Original Signed Emery C. Arnold Name-Original Signed Emery C.	В	eginning Drilling Op	erations		Remedial '	Work	
0-22-58       Pulled rods and tubing. Perforated 1530-40 W/4 shots per foot.         0-23-58       Sandoilfraced W/35,000 gsl. crude W/14 sand per gal., used 240 ball acelers. Pump in press. 1100%, max. prest. 1550%, avg. inj. rate 18.4, BFM, 8 hr. SIP 6009.         0-24-58       Reran tubing & rods.         0-25 thru       Pumped & recovered all frac & load oil.         0-25 thru       Pumped & recovered all frac & load oil.         0-25 thru       Pumped & recovered all frac & load oil.         0-25 thru       Pumped & recovered all frac & load oil.         0-25 thru       Pumped & recovered all frac & load oil.         0-25 thru       Pumped & recovered all frac & load oil.         0-25 thru       Pumped & recovered all frac & load oil.         0-26 thru       DI 12 23/8* Tong Depth 1571* Oil String Dia 4 1/2* Oil String Depth 575.5*         10 threval (s) 1540-93       Porducing Formation (s) Callup         0 per Hole Interval (s) 1540-93       Producing Formation (s) Callup         RESULTS OF WORKOVER:       BEFORE       AFTER         Date of Test       10-15-58       11-16-58         0 o       0       0       0         Gas Production, bbls. per day       5       37         Gas Well Dotential, Mcf per day       Vonsanto Chemical Co.	P1	ugging			Other		
0-23-58       Sandoilfraced W/35,000 gal. crude W/1# send per gal., used 240 ball sealers. Pump in press. 1100%, max. prest. 1550%, avg. inj. rate 48.4, BFM. 6 hr. SIP 6009.         0-24-58       Reren tubing & rods.         0-25 thru 1-15-58       Fumped & recovered all frac & load oil.         0-25 thru 1-15-58       Fumped & recovered all frac & load oil.         0-25 thru 1-15-58       Fumped & recovered all frac & load oil.         0-25 thru 1-15-58       Fumped & recovered all frac & load oil.         0-25 thru 1-15-58       Fumped & recovered all frac & load oil.         0-25 thru 1-15-58       Fumped & recovered all frac & load oil.         0-25 thru 1-15-58       Fumped & recovered all frac & load oil.         0-25 thru 1-15-58       Fumped & recovered all frac & load oil.         0 free v.       501 fractore fractor	Detailed as	count of work done,	nature and c	quantity of m	aterials u	sed and re	sults obtain
seelers. Purp in press. 1100%, max. prest. 1550%, avg. inj. rate 48.4 BFM. 8 hr. SIP 600%. D-21-58 Reren tubing & rods. D-25 thru 1-15-58 Fumped & recovered all frac & load oil. FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY Original Well Data: DF Flev. 5674' TD 1720' PBD 1593' Prod. Int. 1540-93! Compl Date <sup>8-22-57</sup> Thong. Dia 2 3/8" Thong Depth 1571' Oil String Dia 1/2" Oil String Depth <sup>593:57</sup> Perf Interval (s) 1540-93 Open Hole Interval (s) 1540-93 Open Hole Interval (s) 1540-93 Open Hole Interval (s) 1540-93 Gas Production, bbls. per day Gas Production, bbls. per day Gas-Oil Ratio, cu. ft. per bbl. Gas. Oil Ratio, cu. ft. per bbl. Gas. Oil Ratio, cu. ft. per bbl. Gas. Witne ssed by Y. T. Duke Name Original Sinced Emerg C. Arroid Title	0-22-58	Pulled rods and t	ubing. Perfor	ated 1530-40	W/4 shots	per foot.	
0-25 thru         1-15-58         FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY         Original Well Data:         DF Flev. 5674'         TD 1720'       PBD 1593'         Producing Formation (s)         Compl Date         DF flev. 5674'       TD 1720'         PBD 1593'       Prod. int. 540-93'         Compl Date       Compl Date         Perf Interval (s)       1540-93         Open Hole Interval       None         Producing Formation (s)       Callup         RESULTS OF WORKOVER:       BEFORE         Date of Test       10-15-58         Oil Production, bbls. per day       5         Gas Production, bbls. per day       0         Gas. Oil Ratio, cu. ft. per bbl.       TSTM         Gas Well Potential, Mcf per day       Vonsanto Chemical Co.         Witnessed by V. T. Duke       Monsento Chemical Co.         OIL CONSERVATION COMMISSION       I hereby certify that the information given above is true and complete to the best of my knowledd?         Name       Original Signed Emery C. Arroid       Name         Name       Oilstring Dist.#3       Position Pist. Supt.         Company       Monsento Chemical Co.       Company	0-23 <b>-58</b>	sealers. Pump in	press. 1100#				
D-25 thru         1-15-58         FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY         Original Well Data:         DF Flev, 5674'         TD 1720'       PBD 1593'         Prod. Int. 1540-93'       Compl Date 8-29-57         Tbng. Dia 2 3/8"       Tbng Depth 1571'       Oil String Dia 4 1/2"       Oil String Depth 1573'.57         Perf Interval (s)       1540-93       Compl Date 8-29-57         Open Hole Interval       None       Producing Formation (s)       Gallup         RESULTS OF WORKOVER:       BEFORE       AFTFR         Date of Test       10-15-58       11-16-58         Oil Production, bbls. per day       5       37         Gas Production, bbls. per day       0       0         Gas-Oil Ratio, cu. ft, per bbl.       TSTM       21/17         Witnessed by YT. Duke       Monsento Chemical Co.       (Company)         OIL CONSERVATION COMMISSION       I hereby certify that the information given above is true and complete to the best of my knowled?       Name         Name       Original Signed Emery C. Arnold       Name       (J. F. Reed)         Date       Supervisor Dist # 3       Position Plist. Supt.       Company         Date       Supervisor Dist # 3       Company       Monsanto Chemical Co.	0-24-58	Reran tubing & ro	ds.			العربية ويركن العمم من ويركن العمم من	SPIN.
I-15-58       Fumped & recovered all frac & load oil.         FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY         Original Well Data:         DF Flev. 5574 <sup>1</sup> DF Flev. 5574 <sup>1</sup> Tbng. Dia 2 3/8 <sup>4</sup> Tbng Depth 1571 <sup>1</sup> Oil String Dia 4 1/2 <sup>n</sup> Open Hole Interval (s)         1540-93         Open Hole Interval         Open Hole Interval         None         Producing Formation (s)         Callup         RESULTS OF WORKOVER:         Date of Test         Oil Production, bbls. per day         Gas Production, Mcf per day         Witnessed by Y. T. Duke         Vitnessed by Y. T. Duke         Monsanto Chemical Co.         Original Signed Emery C. Arnoid         Title         Supervisor Dist, #3         Date         Original Signed Emery C. Arnoid         Title         Supervisor Dist, #3         Date         Original Signed Emery C. Arnoid         Total         Date         Original Signed Emery C. Arnoid         Total         Date         Supervisor Dist, #3         Date         Supervisor Dist, #3	0 25 + km	Ū					1. Miles
Original Well Data:       DF Elev. 5674' TD 1720' PBD 1593' Prod. Int. 1540-93' Compl Date 8-29-57         Tbng. Dia 2 3/8" Tong Depth 1571' Oil String Dia 4 1/2" Oil String Depth 593:57         Perf Interval (s) 1540-93         Open Hole Interval       None         Producing Formation (s) Callup         RESULTS OF WORKOVER:       BEFORE         Date of Test       10-15-58         Oil Production, bbls. per day       5         Gas Production, Mcf per day       1571         Water Production, bbls. per day       0         Gas Well Potential, Mcf per day       151M         Witnessed by YT. Duke       Monsanto Chemical Co.         OIL CONSERVATION COMMISSION       I hereby certify that the information given above is true and complete to the best of my knowledce?         Name       Oil String Dist # 3         Date       Now 24 1858		Pumped & recovere	d all frac &	load oil.			501
Original Well Data:       DF Elev. 5674' TD 1720' PBD 1593' Prod. Int. 1540-93' Compl Date 8-29-57         Tbng. Dia 2 3/8" Tong Depth 1571' Oil String Dia 4 1/2" Oil String Depth 593.57         Perf Interval (s) 1540-93         Open Hole Interval       None         Producing Formation (s) Callup         RESULTS OF WORKOVER:       BEFORE         Date of Test       10-15-58         Oil Production, bbls. per day       5         Gas Production, Mcf per dly       1STM         Witnessed by Y. T. Duke       Yonsanto Chemical Co.         OIL CONSERVATION COMMISSION       I hereby certify that the information given above is true and complete to the best of my knowled of The State of Test         Name       Original Signed Emery C. Arnold         Title       Supervisor Dist. # 3         Date       Ave 2 4 1858		•					1950
Original Well Data:       DF Elev. 5674' TD 1720' PBD 1593' Prod. Int. 1540-93' Compl Date 8-29-57         Tbng. Dia 2 3/8" Tong Depth 1571' Oil String Dia 4 1/2" Oil String Depth 593:57         Perf Interval (s) 1540-93         Open Hole Interval       None         Producing Formation (s) Callup         RESULTS OF WORKOVER:       BEFORE         Date of Test       10-15-58         Oil Production, bbls. per day       5         Gas Production, Mcf per day       9         Water Production, bbls. per day       0         Gas Well Potential, Mcf per day       1511         Witnessed by Y. T. Duke       Monsanto Chemical Co.         OIL CONSERVATION COMMISSION       I hereby certify that the information given above is true and complete to the best of my knowleder for Manage Original Signed Emery C. Arnoid         Title       Supervisor Dist. # 3         Date       None Original Signed Emery C. Arnoid         Title       Supervisor Dist. # 3         Date       Nove 24 1858						• •	
Original Well Data:       DF Elev. 5674' TD 1720' PBD 1593' Prod. Int. 1540-93' Compl Date 8-29-57         Tbng. Dia 2 3/8" Tong Depth 1571' Oil String Dia 4 1/2" Oil String Depth 593:57         Perf Interval (s) 1540-93         Open Hole Interval       None         Producing Formation (s) Callup         RESULTS OF WORKOVER:       BEFORE         Date of Test       10-15-58         Oil Production, bbls. per day       5         Gas Production, Mcf per day       9         Water Production, bbls. per day       0         Gas Well Potential, Mcf per day       1511         Witnessed by Y. T. Duke       Monsanto Chemical Co.         OIL CONSERVATION COMMISSION       I hereby certify that the information given above is true and complete to the best of my knowleder for Manage Original Signed Emery C. Arnoid         Title       Supervisor Dist. # 3         Date       None Original Signed Emery C. Arnoid         Title       Supervisor Dist. # 3         Date       Nove 24 1858						<i></i>	3041.
Original Well Data:       DF Elev. 5674' TD 1720' PBD 1593' Prod. Int. 1540-93' Compl Date 8-29-57         Tbng. Dia 2 3/8" Tong Depth 1571' Oil String Dia 4 1/2" Oil String Depth 593.57         Perf Interval (s) 1540-93         Open Hole Interval       None         Producing Formation (s) Callup         RESULTS OF WORKOVER:       BEFORE         Date of Test       10-15-58         Oil Production, bbls. per day       5         Gas Production, Mcf per dly       1STM         Witnessed by Y. T. Duke       Yonsanto Chemical Co.         OIL CONSERVATION COMMISSION       I hereby certify that the information given above is true and complete to the best of my knowled of The State of Test         Name       Original Signed Emery C. Arnold         Title       Supervisor Dist. # 3         Date       Ave 2 4 1858							
DF Flev.       5674'       TD 1720'       PBD 1593'       Prod. Int. 1540-93'       Compl Date 8-29-57         Tbng. Dia       2 3/8"       Tong Depth       1571'       Oil String Dia       4 1/2"       Oil String Depth 1573.5'         Perf Interval (s)       1540-93       Oil String Dia       4 1/2"       Oil String Depth 1573.5'         Perf Interval (s)       1540-93       Oil String Dia       4 1/2"       Oil String Depth 1573.5'         Perf Interval (s)       1540-93       Producing Formation (s)       Callup         RESULTS OF WORKOVER:       BEFORE       AFTER         Date of Test       10-15-58       11-16-58         Oil Production, bbls. per day       5       37         Gas Production, bbls. per day       0       3/.17         Gas Well Potential, Mcf per day       0       643         Witnessed by Y. T. Duke       Monsanto Chemical Co.       -         OIL CONSERVATION COMMISSION       I hereby certify that the information given above is true and complete to the best of my knowledge 7       (J. F. Reed)         Name       Oil Signed Emery C. Arzold       Name       Company       Konsanto Chemical Co.         Date       Nov 243856       Company       Konsanto Chemical Co.       Company	FILL IN B	ELOW FOR REMED	LAL WORK R	EPORTS ON	ILY		
Tbng. Dia 2 3/8" Tbng Depth 1571"       Oil String Dia 4 1/2"       Oil String Depth 593.57         Perf Interval (s)       1540-93         Open Hole Interval       None       Producing Formation (s)       Callup         RESULTS OF WORKOVER:       BEFORE       AFTER         Date of Test       10-15-58       11-16-56         Oil Production, bbls. per day       5       37         Gas Production, bbls. per day       0       0         Gas-Oil Ratio, cu. ft. per bbl.       TSTM       643         Gas Well Potential, Mcf per day       Yonsanto Chemical Co.       Company)         OIL CONSERVATION COMMISSION       Ihereby certify that the information given above is true and complete to the best of my knowled for 7       Name         Name       Original Signed Emery C. Arnold       Name       J. F. Reed)         Date       Supervisor Dist. # 3       Position Pist. Supt.       Company         Company       Konsanto Chemical Co.       Company	Original W	ell Data:					
Tbng. Dia 2 3/8" Tbng Depth 1571"       Oil String Dia 4 1/2"       Oil String Depth 593.51         Perf Interval (s)       1540-93         Open Hole Interval       None       Producing Formation (s)         RESULTS OF WORKOVER:       BEFORE       AFTER         Date of Test       10-15-58       11-16-56         Oil Production, bbls. per day       5       37         Gas Production, bbls. per day       75TM       91/7         Gas-Oil Ratio, cu. ft. per bbl.       TSTM       643         Gas Well Potential, Mcf per day       Monsanto Chenical Co.       6         Witnessed by Y. T. Duke       Monsanto Cherical Co.       (Company)         OIL CONSERVATION COMMISSION       I hereby certify that the information given above is true and complete to the best of my knowled 97       Name         Name       Original Signed Emery C. Arnold       Name       (J. F. Reed)         Date       Supervisor Dist # 3       Position Pist. Supt.       Company	DF Elev.	5674' <sub>TD</sub> 1720' <sub>E</sub>	PBD 1593'	15	10-93	C	. 8-29-57
Perf Interval (s)       1540-93         Open Hole Interval       None       Producing Formation (s)         RESULTS OF WORKOVER:       BEFORE       AFTFR         Date of Test       10-15-58       11-16-58         Oil Production, bbls. per day       5       37         Gas Production, Mcf per day       7       11.16-58         Water Production, bbls. per day       0       0         Gas-Oil Ratio, cu. ft. per bbl.       TSTM       64.3         Gas Well Potential, Mcf per day       Monsanto Chemical Co.       6         Witnessed by Y. T. Duks       Monsanto Chemical Co.       (Company)         OIL CONSERVATION COMMISSION       I hereby certify that the information given above is true and complete to the best of my knowledge?       Name         Name       (J. F. Reed)       Name       Oil Company         Title       Supervisor Dist # 3       Position Pist. Supt.       Company         Date       MON 243588       Company       Monsanto Chemical Co.		1 <b>1</b> 1	1.5 - 5	Prod. Int.		Compt Da	te
Open Hole Interval       None       Producing Formation (s)       Callup         RESULTS OF WORKOVER:       BEFORE       AFTFR         Date of Test       10-15-58       11-16-58         Oil Production, bbls. per day       5       37         Gas Production, Mcf per day       5       37         Gas Production, bbls. per day       0       0         Gas-Oil Ratio, cu. ft. per bbl.       TSTM       843         Gas Well Potential, Mcf per day       0       0         Witnessed by Y. T. Duke       Monsanto Chemical Co.       (Company)         OIL CONSERVATION COMMISSION       I hereby certify that the information given above is true and complete to the best of my knowledge 7       (J. P. Reed)         Name       Oil J. Supervisor Dist. # 3       Position Pist. Supt.       Company         Date	Tbng. Dia				4 1/2 <sup>4</sup> Oi	- *	
RFSULTS OF WORKOVER:       BFFORE       AFTER         Date of Test       10-15-58       11-16-58         Oil Production, bbls. per day       5       37         Gas Production, Mcf per day       TSTM       31.19         Water Production, bbls. per day       0       0         Gas-Oil Ratio, cu. ft. per bbl.       TSTM       843         Gas, Well Potential, Mcf per day       -       -         Witnessed by Y. T. Duke       Monsanto Chemical Co.       -         OIL CONSERVATION COMMISSION       I hereby certify that the information given above is true and complete to the best of my knowledge?       Name         Name       Oil Supervisor Dist #3       Position Pist. Supt.       Company         Date       NOV 24 358       Company       Monsanto Chemical Co.	-	2 3/8" Tong Depth		String Dia	4 1/2 <sup>4</sup> Oi	- *	
Date of Test       10-15-58       11-16-58         Oil Production, bbls. per day       5       37         Gas Production, Mcf per day       75TM       31.17         Water Production, bbls. per day       0       0         Gas-Oil Ratio, cu. ft. per bbl.       75TM       84.3         Gas Well Potential, Mcf per day       7       7         Witnessed by Y. T. Duke       Monsanto Chemical Co.       7         OIL CONSERVATION COMMISSION       I hereby certify that the information given above is true and complete to the best of my knowledge?       10. F. Reed)         Name       7       0       0         Name       9       9       0         Name       9       10. F. Reed)       10. F. Reed)         Date       100 2 43658       Company       Monsanto Chemical Co.	Perf Interv	2 3/8 <sup>H</sup> Tong Depth al (s) 1540-93	1571 Oil	String Dia	<u> </u>	il String D	
Oil Production, bbls. per day       5       37         Gas Production, Mcf per day       1STM       31.19         Water Production, bbls. per day       0       0         Gas-Oil Ratio, cu. ft. per bbl.       TSTM       843         Gas Well Potential, Mcf per day       Monsanto Chemical Co.       6         Witnessed by       Y. T. Duke       Monsanto Chemical Co.       6         OIL CONSERVATION COMMISSION       I hereby certify that the information given above is true and complete to the best of my knowledge?       1 hereby certify that the information given above is true and complete to the best of my knowledge?         Name       Gas Production       10 Position Pist. Supt.         Date       Nov 243858       Company	Perf Interv	2 3/8 <sup>H</sup> Tong Depth al (s) 1540-93	1571 Oil	String Dia	<u> </u>	il String D	
Gas Production, Mcf per day       TSTM       J/./9         Water Production, bbls. per day       0       0         Gas-Oil Ratio, cu. ft. per bbl.       TSTM       843         Gas Well Potential, Mcf per day       Monsanto Chemical Co.       843         Witnessed by Y. T. Duke       Monsanto Chemical Co.       (Company)         OIL CONSERVATION COMMISSION       I hereby certify that the information given above is true and complete to the best of my knowledge?         Name       Mame       I. J. F. Reed)         Name       Date       Supervisor Dist # 3         Date       Nonsanto Chemical Co.       Company	Perf Interv Open Hole	2 3/8 <sup>H</sup> Tong Depth val (s) 1540-93 Interval None	1571 Oil	String Dia	4 1/2" Oi (s)_Gallup	il String D	epth 593.51
Water Production, bbls. per day       0       0         Gas-Oil Ratio, cu. ft. per bbl.       TSTM       843         Gas Well Potential, Mcf per day       Monsanto Chemical Co.	Perf Interv Open Hole RESULTS	2 3/8 <sup>H</sup> Tong Depth val (s) 1540-93 Interval None OF WORKOVER:	1571 Oil	String Dia	(s) Gallup BEFOR	E A	epth STER
Water Production, bbls. per day       0       0         Gas-Oil Ratio, cu. ft. per bbl.       TSTM       643         Gas Well Potential, Mcf per day       -       -         Witnessed by       Y. T. Duke       Monsanto Chemical Co.       -         OIL CONSERVATION COMMISSION       I hereby certify that the information given above is true and complete to the best of my knowledge?       (J. P. Reed)         Name       Fill       Supervisor Dist # 3       Position Pist. Supt.         Date       NOV 24 3558       Company       Monsanto Chemical Co.	Perf Interv Open Hole RESULTS Date of Te	2 3/8 <sup>H</sup> Tbng Depth val (s) 1540-93 Interval None OF WORKOVER:	1571 Oil	String Dia	4 1/2" Oi (s) Gallup BEFOR 10-15-5	E A	epth SFTER L-16-58
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Witnessed by V. T. Duke       Monsanto Chemical Co.         (Company)         OIL CONSERVATION COMMISSION         Monsanto Chemical Co.         OIL CONSERVATION COMMISSION         Monsanto Chemical Co.         OIL CONSERVATION COMMISSION         Monsanto Company)         I hereby certify that the information given above is true and complete to the best of my knowledge.         Name       (J. P. Reed)         Name       Value         Title       Supervisor Dist #3         Date       NOV 24 i858         Company         Monsanto Chemical Co.	Perf Interv Open Hole RESULTS Date of Te Oil Produc Gas Produc Water Prod	2 3/8 <sup>H</sup> Tong Depth val (s) 1540-93 Interval None OF WORKOVER: st tion, bbls. per day ction, Mcf per day duction, bbls. per d	1571 Oil Producin	String Dia	4 1/2" Oi (s) Gallup BEFOR 10-15-5 5 15TM 0	E A 8 11	epth FTFR L-16-58 37 <u>3/./9</u> 0
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NEW MENICO OL COLUERVATION COMMUSION Form G-110 SANTA FE, NEW MENICO Revised 7/1/55

(File the original and 4 copies with the appropriate district office)

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

Company or Operator EPROO Associates	Lease Mongento-State BHB
Well No. 1 Unit Letter <u>B</u> S 2 T	308 Rick Pool Borseshos-Sallup
County San Juan Kind of Lease	(State, Fed. or Patented) State, E-9896-5
If well produces oil or condensate, give locat	
Authorized Transporter of Oil or Condensate	El Pasa Natural Gas Products Pipeline Co.
Address <u>frequences</u> (Give address to which approved	R El Paso, Texas
Authorized Transporter of Gas none	copy of this lot in to ve be any
	Date Connected
Give address to which approved	copy of this form is to be sent)
If Gas is not being sold, give reasons and als	o explain its present disposition:
no connection aveilable, approximately 6 Me	of/mo used as lesse fuel, remainder blown
to air.	
	New Weil
Reasons for Filing: (Flease check proper box)	
Reasons for Filing:(Please check proper box) Change in Transporter of (Check One): Oil (	
Change in Transporter of (Check One): Oil (	) Dry Gas () C'head () Condensate ()
Change in Transporter of (Check One): Oil (	) Dry Gas () C'head () Condensate ()
Change in Transporter of (Check One): Oil ( Change in Ownership	) Dry Gas () C'head () Condensate ()
	) Dry Gas () C'head () Condensate () Other () Give explanation below)
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Change in Transporter of (Check One): Oil ( Change in Ownership ) Remarks: Effective 1/1/60, well & lease purchased from designation: Lion Oil Company, Division of The undersigned certifies that the Rules and mission have been complied with. Executed this the <u>13th</u> day of <u>yay</u>	) Dry Gas () C'head () Condensate () Other () (Give explanation below) om Monsanto Chemical Company. Former Honsanto Chemical Company No. 1 State "H" Regulations of the Oil Conservation Company NAY17 19 1960 By M. E. Card
Change in Transporter of (Check One): Oil ( Change in Ownership (x) Remarks: Sffective 1/1/60, vell & lease purchased from designation: Lion Oil Company, Division of The undersigned certifies that the Rules and mission have been complied with. Executed this the 15th day of <u>May</u> MAY 17 1960 19	) Dry Gas () C'head () Condensate () Other
Change in Transporter of (Check One): Oil ( Change in Ownership (x) Remarks: Effective 1/1/60, well & lease purchased from designation: Lion Oil Company, Division of The undersigned certifies that the Rules and mission have been complied with. Executed this the 13th day of <u>May</u> Approved MAY 17 1960 19	) Dry Gas () C'head () Condensate () Other

### OIL CONSERVATION COMMISSION P. O. BOX 871 SANTA FE, NEW MEXICO

June 17, 1960

EPROC Associates 208 Century Building Durango, Colorado

> Re: \$5,000 One-Well Plugging Bond EPROC Associates, SW NW, Section 2, Township 30 North, Range 16 West.

Gentlemen:

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The Oil Conservation Commission hereby approves the above-captioned One-Well Bond to cover a well to a depth of 1800 feet.

Very truly yours,

A. L. PORTER, Jr. Secretary-Director

### ALP/IRT/ig

cc: Don Collyer Agency Santa Fe, New Mexico

> Oil Conservation Commission Hobbs, Artesia, & Aztec, New Mexico

ARCO Oil and Gas Company Recky Mountein Divinit 217-375 Effect Mialogue costs of PiC Box (542) Denvie: Color: oc 20137 Telephone 303-225-2024 J. G. Bradshaw Manager Engineering

January 31, 1980

New Mexico Oil Conservation Commission 1000 Rio Brazos Aztec,New Mexico 87410 Attn: Mr. Frank Chavez

ke: Horsesnoe Gallup Unit Wells Sec. 2, T3ON-R6OW Rio Arriba County, New Mexico

Dear Mr. Chavez:

In reply to your recent phone inquiry regarding wells located in the subject section, we have examined our records concerning the unit wells located in the SW/4, NW/4 of Sec. 2. ARCo's records show that the State "H" 1-X was taken into the unit at its formation. This well was renamed Horseshoe Gallup Unit No. 239 and is located 2191' FNL - 331' FWL, Sec. 2-T30N-R60W. The well was operated by a company named "Eproc" prior to unitization. In addition, there is an apparent junked hole located 1980' FNL - 660' FWL, Sec. 2-T30N-R60W. This well was drilled and junked prior to unitization and was not taken into the unit. ARCo has no record of the operator that drilled this well.

E MD

M. D. Robinson Area Engineer

MDR:sir

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ARCO Oil and Gas Company is a Division of Atlant cRichfieldCompany

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Yours truly, Frank T. Chavez **Deputy Inspector** 

xc: Mr. Ernest Padilla, Oil Conservation Division, Santa Fe

FTC:no



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## (Revised 1/1/62)

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#### NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

### NOTICE OF INTENTION TO DRILL OR RECOMPLETE

Notice must be given to the District Office of the Oil Conservation Commission and approval obtained before drilling or recompletion begins. If changes in the proposed plan are considered advisable, a copy of this notice showing such changes will be returned to the gender. Submit this notice in QUINFUPLICATE. One copy will be returned following approval. See additional instructions in Rules and Regula-tions of the Commission. If State Land submit 6 Copies  $\diamond$ 

	Sn	yder,	Texas			6/19/57	
NU CONS			MMISSION			(1/818)	
entlemen:							
Уоц ал	re hereby			intention to commence t	he (Drilling) (Sisters)	) of a well to be kn	OWE 23
	01-		_				
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	iest			line of Section	2 <u>7.30 N</u>	R 16 W	, NMPM.
IVE LO	CATION	FROM	SECTION LI	NE) Undesi	gnated Pool	San Juar	1 County
					and Gas Lease is No		
_			]	If patented land the o	owner is		
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					g bond isBlanket. Bo		
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L	ĸ	7	I	=	Geo. M. Riley, Odessa, Texa		
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м	N	0	Р	We intend to complete	te this well in the Mesar	verde Gallup	
l				-	oximate depth of		
					PBOGRAM	•	
We pr	opose to u	se the fo	ollowing strings	of Casing and to cement	them as indicated:		
Size	of Hole		Bize of Casing	Weight per Foot	New or Second Hand	Depth	Sacks Cement
12-1/	/]_=		8-5/8=	32#	Reconditioned	200	200
7-7/			4-1/2"	11.6#	New	- 2500	150
						A	Lin/AN
							HENEDY
If cha	nges in th	e above	plans become a	advisable we will notify y	ou immediately.		21 (957
ADDI	TIONAL	INFOR	MATION (If	recompletion give full	details of proposed plan of		t i i i i i i i i i i i i i i i i i i i
							IST. 3
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pproved				5-21, 19 57	Sincerely yours,		
cept as f				-	150119	SANTO CHELICAL	COLPANY
					. YAN	Mulle	K

OIL CONSERVATION COMMISSION (aui By...,...

Position E. H. Muhlbach, Dist. Supt. Send Communications regarding well to Name\_ Honsanto Chemical Company Address Box 492, Snyder, Texas

Form C-128 Revised 5/1/57

### NEW MEXICO OIL CONSERVATION COMMISSION

#### Well Location and Acreage Dedication Plat



### NEW MEXICO OIL CONSERVATION COMMISSION MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106)

		()	Address)	der, Texas		
LEASE	State "H"	WELL NO	D. <b>1</b> UNIT	<b>B</b> S <b>2</b>	т 30 м	r <b>16 T</b>
DATE W	ORK PERFORME					
		and a second		-	n County, New	Maxico
This is a	a Report of: (Che	ck appropria	te block)	Results	of Test of Ca	sing Shut-o
I	Beginning Drilli:	og Operations	- Г	Remedia	Work	
لــــــا ۲		ig operations	L.			
	Plugging		L	Other		
Detailed	account of work	done, nature	and quantity p	f materials	s used and res	sults obtain
Spudded	1 AU July 1, 195	7		•		
July 2, Sot 225 circulat	of 8-5/8= 32# a	asing at 235 w	ith 150 sxs.	Plug dom s	t 10:55 PH, C	juburg
in 30 mi	after plug was dom inutes. After dril drop in 30 minute	lling the plug	, was tested wi , casing was a	th 550 psi gain tested	with no press I with 550 ps1	ure drop with no
FILL IN	BELOW FOR RE	MEDIAL WO	RKREPORTS	ONLY	·	
	Well Data:					
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Open Ho RESULT Date of ' Oil Prod Gas Pro Water P Gas-Oil Gas Wel	Test duction, bbls. per roduction, Mcf per roduction, bbls.	day day per day r bbl. per day	lucing Format	· · ·		FTER
Open Ho RESULT Date of ' Oil Prod Gas Pro Water P Gas-Oil Gas Wel Witness	S OF WORKOVER Test duction, bbls. per oduction, Mcf per roduction, bbls. Ratio, cu. ft. pe 1 Potential, Mcf per duction, bbls.	day day per day r bbl. per day	Ihereby	BEF	  (Company)	
Open Ho RESULT Date of ' Oil Prod Gas Pro Water P Gas-Oil Gas Wel Witness	S OF WORKOVER Test duction, bbls. per duction, Mcf per roduction, bbls. Ratio, cu. ft. pe	day day per day r bbl. per day	N - I hereby above is	BEF 		ion given
Open Ho RESULT Date of Oil Prod Gas Pro Water P Gas-Oil Gas Wel Witness OIL Name	S OF WORKOVER Test duction, bbls. per oduction, Mcf per roduction, bbls. Ratio, cu. ft. pe I Potential, Mcf p duction, bbls. CONSERVATION	day day per day r bbl. per day	N - I hereby above is my knowl Name	BEF   certify that true and co edge.	(Company) the informat omplete to the 1. Muc	ion given best of
Open Ho RESULT Date of Oil Prod Gas Pro Water P Gas-Oil Gas Wel Witness OIL Name Title Su	Interval SOF WORKOVER Test duction, bbls. per oduction, Mcf per roduction, bbls. Ratio, cu. ft. pe I Potential, Mcf p duction, bbls. Ratio, cu. ft. pe CONSERVATION Driginal Signed Em pervisor Dist. # 3	day day per day r bbl. per day	N - I hereby above is my knowl Name Position	BEF 	(Company) the informat omplete to the <u>1. Mac</u> (bach, Distric	ion given best of t Supt.
Open Ho RESULT Date of Oil Prod Gas Pro Water P Gas-Oil Gas Wel Witness OIL Name	Interval SOF WORKOVER Test duction, bbls. per oduction, Mcf per roduction, bbls. Ratio, cu. ft. pe I Potential, Mcf p duction, bbls. Ratio, cu. ft. pe CONSERVATION Driginal Signed Em pervisor Dist. # 3	day day per day r bbl. per day	N - I hereby above is my knowl Name Position	BEF 	(Company) the informat omplete to the 1. Muc	ion given best of t Supt.
Open Ho RESULT Date of Oil Prod Gas Pro Water P Gas-Oil Gas Wel Witness OIL Name Title Su	Interval SOF WORKOVER Test duction, bbls. per oduction, Mcf per roduction, bbls. Ratio, cu. ft. pe I Potential, Mcf p duction, bbls. Ratio, cu. ft. pe CONSERVATION Driginal Signed Em pervisor Dist. # 3	day day per day r bbl. per day	N - I hereby above is my knowl Name Position	BEF 	(Company) the informat omplete to the <u>1. Mac</u> (bach, Distric	ion given best of t Supt.
Open Ho RESULT Date of Oil Prod Gas Pro Water P Gas-Oil Gas Wel Witness OIL Name Title Su	Interval SOF WORKOVER Test duction, bbls. per oduction, Mcf per roduction, bbls. Ratio, cu. ft. pe I Potential, Mcf p duction, bbls. Ratio, cu. ft. pe CONSERVATION Driginal Signed Em pervisor Dist. # 3	day day per day r bbl. per day	N - I hereby above is my knowl Name Position	BEF 	(Company) the informat omplete to the <u>1. Mac</u> (bach, Distric	ion given best of t Supt.
Open Ho RESULT Date of Oil Prod Gas Pro Water P Gas-Oil Gas Wel Witness OIL Name Title Su	Interval SOF WORKOVER Test duction, bbls. per oduction, Mcf per roduction, bbls. Ratio, cu. ft. pe I Potential, Mcf p duction, bbls. Ratio, cu. ft. pe CONSERVATION Driginal Signed Em pervisor Dist. # 3	day day per day r bbl. per day	N - I hereby above is my knowl Name Position	BEF 	(Company) the informat omplete to the <u>1. Mac</u> (bach, Distric	ion given best of t Supt.
Open Ho RESULT Date of Oil Prod Gas Pro Water P Gas-Oil Gas Wel Witness OIL Name Title Su Date	Interval SOF WORKOVER Test duction, bbls. per oduction, Mcf per roduction, bbls. Ratio, cu. ft. pe I Potential, Mcf p duction, bbls. Ratio, cu. ft. pe CONSERVATION Driginal Signed Em pervisor Dist. # 3	day day per day r bbl. per day	N - I hereby above is my knowl Name Position	BEF 	(Company) the informat omplete to the <u>1. Mac</u> (bach, Distric	ion given best of t Supt.
Open Ho RESULT Date of Oil Prod Gas Pro Water P Gas-Oil Gas Wel Witness OIL Name Title Su Date	Interval SOF WORKOVER Test duction, bbls. per oduction, Mcf per roduction, bbls. Ratio, cu. ft. pe I Potential, Mcf p duction, bbls. Ratio, cu. ft. pe CONSERVATION Driginal Signed Em pervisor Dist. # 3	day day per day r bbl. per day	N - I hereby above is my knowl Name Position	BEF 	(Company) the informat omplete to the <u>1. Mac</u> (bach, Distric	ion given best of t Supt.

### NEW MEXICO OIL CONSERVATION COMMISSION MISCELLANEOUS REPORTS ON WELLS

# (Submit to appropriate District Office as per Commission Rule 1106)

		emical Company, Bo	ress)					
LEASE	State "H"	WELL NO.	1 UNI	TB	s 2	т 3	N N	r 16 W
DATE W	ORK PERFORM	1ED July 7-10, 195	7 PO	ol	Undesign	ated		
					San Juan	County,	Texa	8
This is	a Report of: (Cl	neck appropriate b	olock)	X P	esults of	[ Test o	f Cas	ing Shut-
	Beginning Drill	ling Operations		R	emedial	Work		
	Plugging				ther			
July 7,	1957	k done, nature and						
and 1/14	flocele per sx.	11.6# 43= Casing Plug down at 5:25 casing was tested	5 PH.					
drop. A	fter drilling the 30 minutes.	a plug, the casing	was again	test	d with L	000 psi	with	n <b>e</b> pressu
		EMEDIAL WORK	REPORT	\$ ON	LY			. —
0	Well Data:							
DF Elev		PBD	Prod.			Compl		
Tbng. D Perf Int	erval (s)	DepthO	il String	Dia _	C	)il Strin	g De	
Open Ho	ole Interval	Produc	ing Form	ation	(s)			
RESULT	S OF WORKOV	ER:			BEFO	RE	AI	FTER
Date of	Test							
	duction, bbls. p	er dav						
	duction, Mcf pe	-			·			
	-	-						
	roduction, bbls.							
	Ratio, cu. ft. p				<u>-</u>			
	ll Potential, Mc	f per day						
Witness	ed by					16		
			hereb	V CPT	ify that +	(Comp the info		on given
	CONSERVATIO			s true	and com			
	Driginal Signed E		Name		KU/I	<u>uhl</u>	In	<u> </u>
	Supervisor Dist #	● 42/16/10/11/11/12/11/10/1			H. Luhlba			
Date	JUL 1 9 1957	· · · · · · · · · · · · · · · · · · ·	Compar	1 <b>y_16</b>	nsanto Ch	emical (	Compar	<b>v</b>
7						(	0110	AULU
		· · ·				ļ	10,	

فحملا تتستصور ومرزا

### NEW MEXICO OIL CONSERVATION COMMISSION MISCELLANEOUS REPORTS ON WELLS

### (Submit to appropriate District Office as per Commission Rule 1106)

LEASE	<b>FA</b> . <b>A</b>		idress)	NT177 7	c 🕈	m 34		D 14 W
		WELL NO.					N N	K LO I
DATE	WORK PERFORN	MED 7/12 - 7/22,	, <b>1957</b> P	200L	and the second se	comty,	Negel 1	Jari sa
This is	a Report of: (C)	heck appropriate	block)					ing Shut-of
<b>-</b>			·					
L	Beginning Drill	ling Operations		L F	Remedial	Work		
	Plugging			X	)ther			
/13/57: /13/57: /16/57: /18/57: /19/57:	Treated with 500 Swabbed dry then Pumped in at 150% Total Depth 1634. 60 srs., Max. Pro Drilled out to 10 W/water and test Loaded hole mith break down. Will PBTD 1593, set Br 1593 W/4 shots/f	water, pressured	D at 300# L/hr. Tr bed less 1600! Se ersed out through s to 300#, 8! with 4 0 gals. m	, Pumped eated w than 1/2 t cement 20 sxs ection, hole s hole s	i in at 1 /5000 gal 2 BPH. t retaine ., comple no fluid tarted te nite on t	50-200#. . oil & 5 r at 1578 ted at 8: . now pre- king mate op. WOC	Swal 000 1, so 30 P: parting r but 8 hrs	bbing. sand, BD 5 queezed with M. ng to load t did not s. Parf. 1
	N RELOW FOR F	ENEDIAL WOD	W R EDOI		1 37			
	N BELOW FOR F Al Well Data:	REMEDIAL WORD	K REPOR	$crs \underline{on}$				
DF Ele		PBD	Prod	I. Int.		Compl	Date	
Tbng. 1	Dia Thng		Oil Strin		(	 Dil String		
Perf In	terval (s)							
Open H	ole Interval	Produ	cing For	mation	(s)			
RESUL	TS OF WORKOV	 ER:			BEFC	RE	AF	TER
								•
Date of		l-						
	oduction, bbls. p	-						
	oduction, Mcf pe							
	Production, bbls							
	l Ratio, cu. ft. j	-		-			<u></u>	
Witnes	ell Potential, Mc	I per day		-				
wittle 5	seu by		•			(Compa	ny)	
Name (	L CONSERVATIO	mery C. Arnold	above	is true nowledg	e and cor	the infor nplete to	mati	
Title _	Supervisor Dist. # 3	5	- Posit	Balla	Muhlbac	h, Dist	_Su	perintend
Date _	JUL 2 6 1957		_ Comp	any Me	nsanto	Chemica.	l Co	npany
7.						त्रि	I.L	

### NEW MEXICO OIL CONSERVATION COMMISSION MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106)

			(A	ddres	s)					
LEASE	State "H	1	WELL NO	. <b>1</b>	UNIT	BS	2	т 30 1	M	R 16 M
DATE WO	RK PER	FORMED	7-25 - 8-3,	1957	POOL	Und	osigna	təd		
		· · · · · · · · · · · · · · · · · · ·				San	Juan	County, ]	ler )	lexice
This is a F	Report o	f: (Check	appropriat	e bloci	k)	Resu	lts of	Test of	Casi	ing Shut-of
В	eginning	Drilling	Operations		Ľ	Rem	edial '	Work		
P	lugging					Othe	r			
			ne, nature a					_		_
Detailed a 7/25/57	Attempt increase gals. 1	ed 30,000 ed to 1150 1/1# sand j	gal. oil fr gal. oil fr after inje per gal. int check sand	ac. In cting ' c formation	nitial in 73 balls ation, Si	jectio - then	a pres scree	sure 650; ned out	# at - had	40 BPN, 1 23,000
7/25/57	Attempt increas gals. 1 oil, no	ed 30,000 ed to 115 f/1# sand p w prep. to	gal. oil fr ) after inje per gal. int	ac. In cting o formation fillug	nitial in 73 balls ation, Si p.	ijectio - then P 200#	a pres scree	sure 650; ned out	# at - had	40 BPM, 1 23,000

Original Well I	Data:				
DF Elev.	TD	PBD	Prod. Int.	Compl Date	
Tbng. Dia	Tbng De	pth	Oil String Dia	Oil String Depth	
Perf Interval (	s)				
Open Hole Inte	rval	Pr	oducing Formation (s)		

		•
RESULTS OF WORKOVER:	BEFORE	AFTER
Date of Test		4 
Oil Production, bbls. per day		
Gas Production, Mcf per day		
Water Production, bbls. per day		
Gas-Oil Ratio, cu. ft. per bbl.		
Gas Well Potential, Mcf per day		
Witnessed by		
	(Comp	any)
OIL CONSERVATION COMMISSION	I hereby certify that the info above is true and complete t	

Name Supervisor Dist. # 3 Title Original Signed Emery C. Arnoid Date AUG 9 1957

- •

7.

my knowledge Mullaul Name Position E. H. Muhlbach, Dist. Supt. Company Monsanto Chemical Company

### NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

### WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission, Submit in QUINTUPLICATE.

Monsanto Chemical Company State #H# Well No. 1 , in ST 1/4 of MT 1/4, of Src. 2 , T. 30 H , R. 16 H , NMPM. Undesignated Pool, San Juan County. Well is 1980 feet from North line and 660 feet from West line Name of Drilling Contractor. Empire States Drilling Corp. Address 820 Sims Eldg., Albuquerque, New Mexico • 19

	OIL SANI	DS OR ZONES
No. 1, from	159 <b>3</b>	
No. 2, fromto		No. 5, fromto
No. 3, fromto		
Include data on rate of water inflow and eleva		WATER SANDS ose in hole.
No. 1, from	to	
No. 2, from	to	
No. 3, from	to	
No. 4, from	to	

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	CASING RECO		PERFORATIONS	PURPOSE
85/8 *	32#	New	2251	Float	•		Surface
4-1/2"	11,6	New	1593.5	Float & Co	llar	1510 - 1593	Production

HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUE USED
	8-5/8=	235	150	Pump & Plug		
	1-1/2*	1600	150			

**RECORD OF PRODUCTION AND STIMULATION** 

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

For Record Of Treatments, please refer to Form C-103 filed covering work from 7/12 - 7/22, 1957 and 7/25 - 8/3/57.



Result of Production Stimulation

X

AREA 640 ACRES" LOCATE WELL CORRECTLY

#### RECORD OF DRILL-STEM AND SPECIAL TESTS

				TOOLS USED			
				o. 1600 feet, and from. o. 1720 feet, and from.			
				PRODUCTION			
Put	to Produc	ng 8 - 29					
on	L WELL:	The production during the first 24	f hou	urs was	of lie	guid of which9	9.8
		was oil:		mulsion;	d	<b></b>	diment. A.P.I.
G.A	S WELL-	The production during the first 2	t her	ars was	•		barrels of
		liquid Hydrocarbon. Shut in Press	ute	ibs			
τ.	noth of Tir	ne Shut in					
r¥.							
	PLEASE	INDICATE BELOW FORMATI Southeastern Ne		TOPS (IN CONFORMANCE WITH GI Iexico	EOGI	RAPHICAL SECTION O	
т.	Anhy	•		Devonian	T.	Ojo Alamo	
	-			•	т.	-	
B.	Salt.		Т.		T.	Farmington	
			т.		т.	Pictured Cliffs	
Т.	7 Rivers.		Т.	· · ·	T.	Menefce	
Т.	Oucen		Т.		T.	Point Lookout	
	-		Т.	~	T.	Mancos	
Т.	• -	cs	Т.		Т.		
Т.			T.		т.	Morrison.	
т.			T.			Penn.	
Т.			T.		т.	Upper Gallup	
т.						Lower Gallup	• -
Т.			т.			Sanastee	
			Т.				
				FORMATION RECORD		, .	

From	То	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	285		SS w/Irregular Introds of shale				
285	590		Sh w/few Intbds of SS				
28 <b>5</b> 590 660	660		Sandstone and Shale	1	1		
650	1353		Sh w/few Intbds of silt &		l .		
			sendstons		1		
1353	1510		Shale, Cale., Silty		l	l t	
120	1570	1	Silt, Shaley	.2			
1570	1625		Introd Sandstone & Shale	01	L CONS	BERVA	TION COMMISSION
1625	1665	f	Silt		AZTI	tc dis	TRICT OFFICE
1665	1590		Silt & Shale	No	Copie	- Pera	hyad
1670	1702		Silt, Shals & Sandstone				
1702	1720		introd Limestone, silt and		1	DISTR	IBUTION
	, -	İ	shale, foss frags				NO. FURNISHED
	1720		Total Depth	·	+	}	
				00	erator		
				3.4	ta Fe		
	1			2-5	ation C	nice	
				514	se Land	Office	
				<u>ت</u>	SGS.		2
-		ļ		Tre	inspone		
			i	En			
		·	e general a sur de la companya			ļ	1
			·	·	+		

ATTACH SEFARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Company of Operator Name HMullach Position or Title Dist. Supt.

## NEW MEXICO OIL CONSERVATION COMMISSION SANTA FE, NEW MEXICO

(File the original and 4 copies with the appropriate district office)

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

Company or Operate	or Monsanto Chemical Com	Dany Lease State #3"
Well No. 1	Unit Letter <b>B</b> S <b>2</b> T	30 N R 16 W Pool Undesignated
County San Juan	Kind of Lease	(State, Fed. or Patented) State
		ion of tanks: Unit <b>B</b> S 2 T 30 H R 16 T
	-	El Paso Natural Gas Products Co.
Address Bloomfi	eld, New Mexico	
(Give a	ddress to which approved	copy of this form is to be sent)
Authorized Transpo	rtor of Gas	
Address		
(Give a		copy of this form is to be sent)
lf Gas is not being s	sold, give reasons and als	o explain its present disposition:
No sales outle	t	
	(Please check proper box)	
Change in Transpor	ter of (Check One): Oil (	) Dry Gas ( ) C'head ( ) Condensate (
Change in Ownershi	<b>D</b>	Other
Change in Ownershi Remarks:	P()	Other () (Give explanation below)
		RELEIVED SEP 11 1957 OIL CON. COM
The undersigned ce mission have been c	rtifies that the Rules and l complied with.	Regulations of the Oil Conservation.Com-
Executed this the 9	the day of September	19 57
		By MM. Illah
		By Muhllach
Approved	SEP 1 1 1357 19	By Muhlbach, Dist. Supt.
	SEP 1 1 1357 19 VATION COMMISSION	
	VATION COMMISSION	Title E. H. Muhlbach, Dist. Supt.
OIL CONSERV	VATION COMMISSION Emery C. Arnold	Title E. H. Muhlbach, Dist. Supt. Company Monsanto Chemical Company

#### (Porm C-104) (Baviacd 7/1/52)

### NEW MEXICO OIL CONSERVATION COMMISSION

Sania Fe, New Mexico

## REQUEST FOR (OIL) - (\*\*\*\*\*) ALLOWABLE

New Well X Recompletion

This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPLICATE to the same District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 A M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

	(Place)	9 - 9 - 57 (Date)
-	G AN ALLOWABLE FOR A WELL KNOWN AS:	
ionsanto Chenical Company	Stata "H" , Well No. 1	, in SN 1/4 NN 1
B Sec. 2	(Lease) T. <b>30 M</b> , R <b>16 W</b> , NMPM., Undesign	nated Po
(Unit)		
San Juan	County. Date Spudded	ompleted 8-29-57
Please indicate location:		
	Elevation. 5070-2. U.L. Total Depth 172	0, P.B
<b>T</b>	Top oil/gas pay. 1510 Name of Pr	rod. Form Lower Gellup
	Casing Perforations: 1540 - 1593	
	Depth to Casing shoe of Prod. String	
	Natural Prod. Test	
	based on	
	Test after 2010 Constant	BOP
Casing and Comenting Record Size Feet Sax	Based on	4 Hrs. Mir
8-5/8 225 1.50	Gas Well Potential	
	Size choke in inches. Pumping	
4-1/2 1593.5 150	Date first oil run to tanks or gas to Transmission sy	siem: 8-29-57
	Transporter taking Oil or Gas: ElPaso Natura Bloomfield, No	l Gas Products Co. SW Mexico
kemarks: 2= tubling set @ 1	70.571	·
		AULT
I hereby certify that the inform	nation given above is true and complete to the best of n	ny knowledge. SEP 11 195
Approved	SEP 1-1-1357, 19 Lionsanto Chemical	Company OIL CCN. CO
OIL CONSERVATION C By: Original Signed Emery	OMMISSION By: By: (S C. Arnold (S	Millach.
· ب	Title <b>E.H. Nuhlbach</b> , Send Communica	Dist. Supt.
Title Supervisor Dist. # 3	Name. Honsanto Cher	
	Box 192, Snyd Address	ler, Texas

#### NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

### MISCELLANEOUS NOTICES

Submit this notice in TRIPLICATE to the District Office, Oil Conservation Commission, before the work specified is to begin. A copy will be returned to the sender on which will be given the approval, with any roodifications considered advisable, or the rejection by the Commission or agent, of the plan submitted. The plan as approved should be followed, and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission.

TO CHANGE PLANS TEMPORARILY A		NOTICE OF INTENTION TO TEMPORARILY ABANDON WELL	Notice of Intention to Drill Deeper		
		NOTICE OF INTENTION TO PLUG BACK		Notice of Intention to Set Liner	
NOTICE OF INTENTION TO SQUELZE		NOTICE OF INTENTION TO ACIDIZE		Notice of Intention to Shoot (Nitto)	
Notice of Intention to Gun Perforate	I	NOTICE OF INTENTION (OTHER)	I	Notice of Intention (Отихе)	

#### Indicate Nature of Notice by Checking Below

#### OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO	Midland, Texas	October 22, 1958
		and the second second second second second second second second second second second second second second second
	(11200)	(Date)

Gentlemen:

Following is a Notice of	Intention to do certai	n work as described below	at the	 	
Monsanto Chemical	Company	State	#H#	 1	. 5

***************************************	***************************************	***************************************			I INO	
	(Company or Ope	rator)	_leg=+			(Unit)
SH , NH	. 2	30%	304	N. Hor	rseshoe-Gallup	
······································		T	, R	NMPM	acourter	Pcol
(40-acre Subdivision)		•	,	,		

### FULL DETAILS OF PROPOSED PLAN OF WORK

#### (FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS)

Pull rods and tubing. Reperforate 1530-40' with 4 shots per foot. Sandoilfrac with

35,000 crude oil with 1# sand per gallon using 240 ball sealers. Rerun tubing, rods

and pump and recover load and repotential.

Ē

Approved	GOT 2 7 1958	19
Except as follows:		
Approved		

	. CONSERVA			
Bv			Emery C.	
		Superviso	or Dist # 3.	······································

COM OIL

Monsanto Chemical Company (J. F. Reed) B District Superintendent Politi Send Communications regarding well to:

Name Monsanto Chemical Company. Attn: J. F. Reed Address P. O. Drawer 1829, Midland, Toxas

Title

### NEW MEXICO OIL CONSERVATION COMMISSION SANTA FE, NEW MEXICO

(File the original and 4 copies with the appropriate district office)

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

Well No.	<b>1</b>	nit Letter	B <sub>S</sub> 2	т 30	N R 16 W	Pool	Unde	signat	ed		
County	San Juan		Kind of L	ease (St	late, Fed.	or F	Patent	ed) S	tate		
	oduces oil o										16 M
Authorized	d Transpor	er of Oil	or Conden	nsate	McWood C	orp.					
Address	330 Petr	oleum Bldg	., Abilens	, Texas							
	Give add	lress to w	hich appro	oved co	py of this	form	is to	be ser	1 <b>t</b> )		
Authorized	d Transport	er of Gae	11	<u>.</u>							
Address	Give add										
If Gas is r	not being so s outlet, ga	ld, give r	easons and	d also e	explain its	pres	ent di	sposit	ion:		
			<u></u>								
Reasons fo	or Filing:(F	lease che	ck proper	box)	New We	11				_(	)
Change in	Transporte	er of (Chec	ck One): C	Dil ( 🎝	Dry Gas	()C	'head	( ) C	onder	nsat	e ( )
Change in	Ownership			_( ) (	Other					<u> </u>	)
					١	Give	expla	nation	belo	w)	
		o change 1	Transporter	r of 011	from KL F	aso N	atural	L Gas F	rodu	cts (	Compar
This form to McWood The under	submitted i Corp. effect signed cert ave been co	ifies that	the Rules								
This form to McWood The under mission ha	submitted i Corp. effect	<b>tive 11-12</b> ifies that mplied wi	the Rules th.		gulations o						
This form to McWood The under mission ha	submitted i Corp. effect signed cert ave been co	ifies that mplied wi	the Rules th.	and Re	gulations o						
This form to McWood The under mission ha Executed t	submitted i Corp. effect signed cert ave been co	ifies that mplied wi	the Rules th.	and Re 19	gulations o	of the MN	0il 0	Conser	Vatio Off Off Off	C NOU ON	
This form to McWood The under mission has Executed to Approved_	submitted i Corp. effect signed cert ave been co	ifies that mplied wi <b>a</b> day of	2-57. the Rules th. November 2 0 1957 19	and Re 19	gulations of <b>57</b> By	of the <u>M</u> M	Oil C	Conser	vatro Que O T.	a NOV	
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48	.4 BPM. 8 hr. SIP 600	£.	· •	esc. 1			rate
		va ●					
10-24-58 Re	ran tubing & rods.					· · · · · · · · · · · · · · · · · · ·	- Pitte
10-25 thru 11-15-58 Pu	mped & recovered all :	frac & lo	oed oil.			-	53 53 50 19 50
						••	
	FOR REMEDIAL W	ORK REI	PORTS	ONLY	<u>r</u>		
Original Well Da DF Eley, 5674	$_{\rm TD}^{\rm 1720'}$ $_{\rm PBD}^{\rm 15'}$	931 <sub>1</sub>	Prod. In	1540-	.931	Compl I	8-29-57
The Dia $23/8$			tring Di		(01	 Dil String	
Perí Interval (s)							
Open Hole Inter		oducing	Format	ion (s	) Gallu	p	
-				· · · ·			
RESULTS OF W	ORKOVER:				BEFO	RE	AFTER
Date of Test					10-15-	58	11-16-58
Oil Production,	bbls. per day				5	···	37
Gas Production,	Mcf per day				TSTM		31.19
Water Productio	on, bbls. per day				Û		0
Gas-Oil Ratio,	cu. ft. per bbl.				TSTM		843
Gas, Well Potent	ial, Mcf per day		Monsanto		-		

OIL CONSERVATION-COMMISSION Name-Original Signed Emery C. Arnoid Title Supervisor Dist #3 Date NOV 24:958

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(Company)	
I hereby certify that the information given above is true and complete to the best of	
my knowledge. (J. F. Reed)	
Position fist. Supt.	•
Company Monsanto Chemical Co.	
NEW MEXICO OIL COLLERVATION COMMISSION FORM C-110 SANTA FE, NEW MEXICO Revised 7/1/55

(File the original and 4 copies with the appropriate district office)

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

Company or Operator EPROO As		
Well No. 1 Unit Letter 1	S <sub>2</sub> T	BOR RIKW Pool Rorseshoe-Sallup
County San Juan K	ind of Lease	(State, Fed. or Patented) state, E-9896-3
		ion of tanke: Unit <u>R</u> S 2 T30N R 164
Authorized Transporter of Oil or	Condensate	El Paso Natural Gas Products Pipeline Co.
Address <u>Programment 719175</u> (Give address to whi	ch approved	copy of this form is to be sent)
Authorized Transporter of Gas_		-
Address		Date Connected
		copy of this form is to be sent)
		o explain its present disposition:
no connection available, approx	dmately 6 Mc	of/mo used as lease fuel, remainder blown
to air.		
Reasons for Filing: (Please check	(proper box)	
Change in Transporter of (Check		) Dry Gas () C'head () Condensate ()
	One): Oil (	) Dry Gas () C'head () Condensate ()
	One): Oil (	) Dry Gas () C'head () Condensate ()
	One): Oil (	
Change in Ownership Remarks: Bffective 1/1/60, vell & lesse r	One): Oil (	) Dry Gas () C'head () Condensate ()
Change in Ownership Remarks: Effective 1/1/60, vell & lesse I designation:	One): Oil ( x) murchased fro	) Dry Gas () C'head () Condensate () Other () (Give explanation below)
Change in Ownership Remarks: Bffective 1/1/60, vell & lesse I designation:	One): Oil ( x) murchased fro	) Dry Gas () C'head () Condensate () Other () (Give explanation below) om Monsanto Chemical Company. Former
Change in Ownership Remarks: Bffective 1/1/60, vell & lesse I designation:	One): Oil ( x) murchased fro	) Dry Gas () C'head () Condensate () Other () (Give explanation below) om Monsanto Chemical Company. Former
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Change in Ownership Remarks: Bffective 1/1/60, vell & lease r designation: Lion 011 Company, The undersigned certifies that th mission have been complied with Executed this the <u>13th</u> day of MAY 17 OIL CONSERVATION COM	One): Oil ( x) murchased fro Division of e Rules and <u>Eav</u> 1960 19 MISSION	) Dry Gas () C'head () Condensate () Other
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OIL CONSERVATION COMMISSION P. O. BOX 971 SANTA FE, NEW MEXICO

June 17, 1950



EPROC Associates 208 Century Building Durango, Colorado

> Re: \$5,000 One-Well Plugging Bond EPROC Associates, SW NW, <u>Section 2</u>, Township 30 North, Range 16 West.

Gentlemen:

. c :

The Oil Conservation Commission hereby approves the above-captioned One-Well Bond to cover a well to a depth of 1800 feet.

Very truly yours,

A. L. PORTER, Jr. Secretary-Director

## ALP/IRT/ig

cc: Don Collyer Agency Santa Fe, New Mexico

> Oil Conservation Commission Hobbs, Artesia, & Aztec, New Mexico



ARCO Oil and Gas Company Ecology Mountein Distor 2020/2016 Stream Misilian and Kup Pi College of Denver Contrand FC-17 Telephone 563 525 1904 J. G. Bradshaw Manager

Engineering

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January 31, 1980

New Mexico Oil Conservation Commission 1000 Rio Brazos Aztec,New Mexico 87410 Attn: Mr. Frank Chavez

Re: Horseshoe Gallup Unit Wells Sec. 2, T3ON-R6OW Rio Arriba County, New Mexico

Dear Mr. Chavez:

In reply to your recent phone inquiry regarding wells located in the subject section, we have examined our records concerning the unit wells located in the SW/4, NW/4 of Sec. 2. ARCo's records show that the State "H" 1-X was taken into the unit at its formation. This well was renamed Horseshoe Gallup Unit No. 239 and is located 2191' FNL - 331' FWL, Sec. 2-T30N-R60W. The well was operated by a company named "Eproc" prior to unitization. In addition, there is an apparent junked hole located 1980' FNL - 660' FWL, Sec. 2-T30N-R60W. This well was drilled and junked prior to unitization and was not taken into the unit. ARCo has no record of the operator that drilled this well.

E

M. D. Robinson Area Engineer

MDR:slr

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ARCO OILand Gas Company is a Division of Atlantic RichtlerdCompany

Conservation Division O Rio Brazos Road C, New Moxico 87410				ATTE DIALES
<b>GERIE</b> No. 689925		EPROC Associat P. O. Box 1266 Scottsdale, Ar	, ,	5201
	ENERGY AND MINE	NEW MEXICO RALS DEPARTM VATION DIVISION STRICT OFFICE	IENT	
JERRY APODACA				1000 RIO BRAZOS ROAD AZTEC, NEW MEXICO 87410
NICK FRANKLIN SECRETARY			<u>,</u>	1505) 334-5178
	CERTIF	IED MAIL		
		January 14, 1980		50 00 00
	EPROC Associates P. O. Box 1266 Scottsdale, Arizona 85201			
	Re: Plugging Bonds			
2 2	Gentlemen:			
	This letter is to notify y Rule 202 and Commission Order F attorney to docket a case for F show cause why you should not b 65-3-27, New Mexico Statutes Ar State H #1, E-2-30N-16W, should accordance with Rule 202.	4-5432. i have reques hearing for you to com be fined in accordance hnotated, and why your	ted our e forth with Se well Mo	and ction nsanto
	If you have any questions,	please call this off	ice	
		Yours truly, Frank J. Carey		

xc: Mr. Ernest Padilla, Oil Conservation Division, Santa Fe

Frank T. Chavez Deputy Inspector

FTC:no



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▲ 248	249	<b>≙</b> 250	251
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Dockets Nos. 19-80 and 20-80 are tentatively set for June 25 and July 9, 1980. Applications for hearing must be filed at least 22 days in advance of hearing date.

DOCKET: COMMISSION HEARING - THURSDAY - JUNE 5, 1980

OIL CONSERVATION COMMISSION - 9 A.H. - ROOM 205 STATE LAND OFFICE BUILDING, SANTA FE, NEW MEXICO

<u>CASE 5927</u>: Application of Doyle Hartman for compulsory pooling and an unorthodox location, Eddy County, Neu Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Pennsylvanian formation underlying the S/2 of Section 24, Township 17 South, Range 28 East, to be dedicated to a well to be drilled at an unorthodox location 660 feer from the South and West lincs of said Section 24. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision, designation of applicant as operator of the well, and a charge for risk involved in drilling said well.

CASE 6928. Application of ARCO Oil and Gas Company for compulsory pooling, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Pennsylvanian formation underlying the S/2 of Section 24, Township 17 South, Range 28 East, to be dedicated to a well to be drilled at a standard location thereon. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision, designation of applicant as operator of the well, and a charge for risk involved in drilling said well.

Docket No. 16-80

DUCKET: EAAMINER HEARING - WEDNESDAY - JUNE 4, 1980

9 A.M. - OIL CONSERVATION DIVISION 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 6803: (Continued from April 23, 1980, Examiner Hearing)

In the matter of the hearing called by the Oil Conservation Division on its own motion to permit EPROC Associates, Hartford Accident and Indemnity Company, and all other interested parties to appear and show cause why its Monsanto State H Well No. 1 located in Unit E of Section 2, Township 30 North, Range 16 West, San Juan County, should not be plugged and abandoned in accordance with a Division-approved plugging program.

- CASE 6906: Application of Amoco Production Company for a dual completion. Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for the dual completion (conventional) of its South Mattix Unit Well No. 39 located in Unit G of Section 15, Township 24 South, Range 37 East, to produce oil from the Fowler-Upper Yeso and Fowler-Drinkard Pools thru parallel strings of tubing.
- <u>CASE 6907</u>: Application of Amoco Production Company for a dual completion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for the dual completion (conventional) of its Myers B Federal Well No. 28 located in Unit M of Section 9, Township 24 South, Range 37 East, to produce gas from the Jalmat and Langlie Mattix Pools thru parallel strings of tubing.
- CASE 6908: Application of Estoril Producing Corporation for an unorthodox gas well location, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of its Curry State Well No. 1, a Pennsylvanian test to be drilled 660 feet from the North and East lines of Section 22, Township 23 South, Range 34 East, Antelope Ridge Field, the N/2 of said Section 22 to be dedicated to the well.
- CASE 6909: Application of El Paso Natural Gas Company for downhole commingling, Rio Arriba County, New Mexico. Applicant, in the above-styled cause, seeks approval for the downhole commingling of Basin-Dakota and Largo-Gallup production in the wellbore of its Rincon Unit Well No. 164 located in Unit L of Section 2, Township 26 North, Range 7 West.



Page

1 MR. STAMETS: The hearing will please 2 come to order. We'll call first Case 6803, in the matter 3 of the hearing called by the Oil Conservation Division on 4 5 its own motion to permit EPROC Associates, and others, to Ĝ appear and show cause why the Monsanto State H Well No. 1 7 should not be plugged and abandoned. MR. PADILLA: Mr. Examiner, Ernest L. 8 Padiila on behalf of the Oil Conservation Division, and we Ŷ 10 request that this case be continued to the June 4th Hearing. 11 MR. STAMETS: The case will be so con-12 tinued. 13 14 (Hearing concluded.) 15 16 17 18 19 20 21 22 23 Ż4 25

SALLY W. BOYD, C.S.R. Rt. 1 Box 193-B Santa Fe, New Mexico 87'01 Phone (303) 435-7409

## REPORTER'S CERTIFICATE

I, SALLY W. BOYD, C.S.R., DO HEREBY CERTIFY that the foregoing and attached 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.

Sally W. Boyd CSE

I do hereby certify that the foregoing 😉 a complete record of the proceedings in 6803 the Examiner hearing of Case 1.0. 80 heard by file on Examiner m Oil Conservation Division

SALLY W. BOYD, C.S.R. Rt. I Box 193-B Santa Fe, New Mexico 87901 Phone (505) 455-7409 Ţ

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	ENLEGY ANI	E OF NEW MEXICO D MINERALS DEPARTMENT SLEVATION DIVISION	
	STATL I Santa	LAND OFFICE BLDG. FE, NEW MEXICO 3 April 1980	
	ENAI	MINER HEARING	
IN THE MA	TTER OF:	) )	
		) d by the Oil Conser- )	
	permit DPROC ASSOC	· · · · · ·	IASE 803
	State H Well No. 1 plugged and abando with a Division-a	oned in accordance )	
	program.	) )	
BEFORE :	Richard L. Stamets		
	TRANSCR	IPT OF HEARING	
	APPE	ARANCES	
	il Conservation	Ernest L. Padilla, Esq.	visi
For the C Divisio	n:	Legal Counsel to the Di	
	n:	Legal Counsel to the Di State Land Office Bldg. Santa Fe, New Mexico 87	
	n:	State Land Office Bldg.	
	n:	State Land Office Bldg.	
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SALLY W. BOYD, C.S.R. Rt. 1 Box 193-B Santa Fe, New Mexico 87 501 Phone (305) 455-7409

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MR. STAPTTS: The hearing will please

? come to order.

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Vo'll call first Case 6803, in the matter of the hearing called by the Oil Conservation Division on its own motion to permit DPROC Associates, and others, to appear and show cause why the Monsanto State H Well No. 1 should not be plugged and abandoned.

MR. PADILLA: Mr. Examiner, Ernest L. Padilla on behalf of the Oil Conservation Division, and we request that this case be continued to the June 4th Hearing. MR. STAMETS: The case will be so con-

tinued.

(Hearing concluded.)

SALLY W. BOYCI, C.S.R. Rt. I Box 193-B Santa Fc. New Mexico 87301 Phone (503) 455-7409

Page \_\_\_\_\_

### REPORTER'S CERTIFICATE

I, SALLY W. BOYD, C.S.R., DO HEREBY CERTIFY that the foregoing and attached 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.

> I do hereay certify that the foregoing ( a complete record of the proceedings in the Examiner hearing of Case No. neard by me on\_\_\_\_\_\_19\_\_\_\_

Oil Conservation Division

SALLY W. BOYD, C.S.R. Rt. 1 Box 193-B Santa Fe, New Mexico 87 901 Phone (503) 455-7409 Dockets Nos, 13-80 and 14-80 are tentatively set for May 7 and 21, 1980. Applications for hearing must be filed at least 22 days in advance of hearing date.

### DOCKET: EXAMINER HEARING - WEDNESDAY - APRIL 23, 1980

9 A.H. - OIL CONSERVATION DIVISION CONFERENCE ROOM, STATE LAND OFFICE BUILDING, SANIA FE, NEW MEXICO

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

CASE 6803: (Continued from February 13, 1980, Examiner Hearing)

In the matter of the hearing called by the Oil Conservation Division on its own motion to permit EPROC Associates, Hartford Accident and Indemnity Company, and all other interested parties to appear and show cause why its Honsanto State H Well No. 1 located in Unit E of Section 2, Township 30 North, Range 16 West, San Juan County, should not be plugged and abandoned in accordance with a Division-approved plugging program.

CASE 6866: In the matter of the hearing called by the Oil Conservation Division on its own motion to permit Hare and McCoy and all other interested parties to appear and show cause why the H. L. Hare Well No. 2 located in Unit B of Section 23, Township 29 North, Range 11 West, San Juan County, should not be plugged and abandoned in accordance with a Division-approved plugging program.

CASE 6867: In the matter of the hearing called by the Oil Conservation Division on its own motion to permit all interested parties to appear and show cause why the following abandoned wells drilled by unknown party or parties and located in Township 29 North, Bange 11 Wort, San Juan County, should not be plugged and abandoned in accordance with a Division-approved plugging program: a well in the SW/4 of Section 24, a well in the SE/4 of Section 22, and a well in the SE/4 of Section 28.

CASE 6850: (Continued from April 9, 1980, Examiner Hearing)

In the matter of the hearing called by the Oil Conservation Division on its own motion to permit Jack F. Grimm, N. B. Hunt, George R. Brown, Am-Arctic, Ltd., The Travelers Indemnity Company, and all other interested parties to appear and show cause why the Mobil 32 Well No. 1 located in Unit D of Section 32, Township 25 South, Range 1 East, Dona Ana County, should not be plugged and sbandoned in accordance with a Division-approved plugging program.

- CASE 6870: Application of Bass Enterprises Production Company for a dual completion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for the dual completion (conventional) of its Bass State 36 Well No. 1 located in Unit E of Section 36, Township 15 South, Range 34 East, to produce oil from the Townsend-Wolfcamp Pool and gas from an undesignated Morrow pool thru the tubing and casing-tubing annulus, respectively, by means of a cross-over assembly.
- CASE 6871: Application of Bass Enterprises Production Company to amend Order No. R-5693, Eddy County, New Nexico. Applicant, in the above-styled cause, seeks to amend Order No. R-5693 to remove the restriction as to the time limit in which salt water may be disposed into Big Eddy Unit Well No. 56 located in Unit G of Section 35, Township 21 South, Range 28 East.
- CASE 6872: Application of Amoco Production Company for a dual completion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for the dual completion (conventional) of its State "HQ" Well No. 1 located in Unit P of Section 26, Township 18 South, Range 34 East, Airstrip Field, to produce Bone Springs and Wolfcamp oil thru parallel strings of tubing.
- CASE 6873: Application of Harvey E. Yates Company for an unorthodox gas well location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of its Travis Deep Well No. 5, a Morrow test to be drilled 660 feet from the South line and 1650 feet from the East Line of Section 12, Township 18 South, Range 28 East, the S/2 of said Section 12 to be dedicated to the well.
- CASE 6874: Application of HNG Oil Company for compulsory pooling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Pennsylvanian formation underlying the E/2 of Section 6, Township 22 South, Range 35 East, to be dedicated to a well to be drilled at a standard location thereon. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision. Also to be considered will be the designation of applicant as operator of the well and a charge for risk involved in drilling said well.

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	ENERGY AND I OIL CONSEI STATE LAN SANTA FI	OF NEW MEXICO MINERALS DEPARTMENT RVATION DIVISION ND OFFICE BLDG. E, NEW MEXICO Druary 1980	
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IN TH	E MATTER OF:		)
	Division on its own EPROC Associatos, His	artford Accident and and all other inter- pear and show cause ate B Well No. 1 ed and abandoned in	) ) CASE ) 6803 ) ) ) ) )
BEFOR	E: Daniel S. Nutter		
	TRANSCRIP	T OF HEARING	
	АРРЕА	RANCES	
	he Oil Conservation ision:	Ernest L. Padilla, H Legal Counsel for th State Land Office BJ	e Divis
		Santa Fe, New Mexico	87501

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SALLY W. BOYD, C.S.R. Rt. 1 Box 193-B Santa Fe, New Mexico 87301 Phone (305) 455-7409

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1 MR. NUTTER: We'll call next Case Number Ž 6803, which is in the matter of the hearing called by the 3 Oil Conservation Division on its own motion to permit EPROC 4 Associates, Harford Accident and Indemnity Company, and all 5 other interested parties to appear and show cause why EPROC's 6 Monsanto State H. No. 1 Well, in Unit 3 of Section 2, Town-7 ship 30 North, Range 16 West, San Juan County, should not be 8 plugged and abandoned in accordance with a Division-approved ÿ plugging program. 10 Call for appearances in this case. 11 MR. PADILLA: Mr. Examiner, Ernest L.

Padilla, on behalf of the Oil Conservation Division.

Mr. Examiner, we request that this hearing be continued for a period of approximately 120 days.

EPROC Associates has indicated a willingness to voluntarily plug and abandon this well.

So we request that they be given time to do so.

MR. NUTTER: Upon request this hearing will be continued to the Examiner Hearing scheduled to be held at this same place at 9:00 o'clock a.m. April 23rd, 1930.

(Hearing concluded.)

SALLY W. BOYD, C.S.R. Rt. 1 Box 193-B Santa Fe, New Mexico 97501 Phone (305) 455-74/9

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REPORTER'S CERTIFICATE

Page

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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) SALLY W. BOYD, C.S.R. Rt. 1 Box 193-B Santa Fe, New Mexico 87501 Phone (505) 455-7409 t

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		F NEW MEXICO INERALS DEPARTMENT	
	OIL CONSER	VATION DIVISION D OFFICE BLDG.	
	SANTA FE	, NEW MEXICO ruary 1980	
		ER HEARING	
IN THE M	LATTER OF:		) }
	Division on its own		, ) )
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	why its Monsanto Sta should not be plugge	te H Well No. l	)
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BEFORE:	Daniel S. Nutter		
	TRANSCRIPT	OF HEARING	
	APPEA	RANCES	
For the Divisi	Cil Conservation	Ernest L. Padilla, E Legal Counsel for th	e Divisi
		State Land Office Bl Santa Fe, New Mexico	

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SALLY W. BOYD, C.S.R. Rt. 1 Box 153-B Santa Fe, New Mexico 87501 Phone (305) 455-7409

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MR. NUTTER: We'll call next Case Number 6803, which is in the matter of the hearing called by the Oil Conservation Division on its own motion to permit EPROC 3 Associates, Harford Accident and Indemnity Company, and all other interested parties to appear and show cause why EPROC's Monsanto State H. No. 1 Well, in Unit 3 of Section 2, Town-7 ship 30 North, Range 16 West, San Juan County, should not be plugged and abandoned in accordance with a Division-approved plugging program.

MR. PADILLA: Mr. Examiner, Ernest L. Padilla, on behalf of the Oil Conservation Division. Mr. Examiner, we request that this hearing be continued for a period of approximately 120 days. EPROC Associates has indicated a willing-

Call for appearances in this case.

ness to voluntarily plug and abandon this well.

So we request that they be given time to do so.

MR. NUTTER: Upon request this hearing will be continued to the Examiner Hearing scheduled to be held at this same place at 9:00 o'clock a. m. April 23rd, 1980.

(Hearing concluded.)

SALLY W. BOYD, C.S.R.

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## REPORTER'S CERTIFICATE

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.

Solly W. Boyd C.S.R.

15 1 < 1 < 1in 803  $\epsilon \sim$ 80 necró i Fxaminer cervation Division

SALLY W. BOYD, C.S.R. Rt. 1 Box 193-B Santa Fe, New Mexico 87901 Phone (505) 455-7409 1

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Dockets Nos, 5-80 and 6-80 are tentatively set for February 27 and March 12, 1980. Applications for hearing must be filed at least 22 days in advance of hearing date.

DOCKET: EXAMINER HEARING - WEDNESDAY - FEBRUARY 13, 1980

### 9 A.M. - OIL CONSERVATION DIVISION 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:

- <u>ALLOWABLE</u>: (1) Consideration of the allowable production of gas for March, 1980, from fifteen prorated pools in Lea, Eddy, and Chaves Countres, New Mexico.
  - (2) Consideration of the allowable production of gas for March, 1980, from four prorated pools in San Juan, Rio Arriba, and Sandoval Counties, New Mexico.
  - (3) Consideration of purchaser's nominations for the one year period beginning April 1, 1980, for both of the above areas.

CASE 6803:

In the matter of the hearing called by the Oil Conservation Division on its own motion to permit EPROC Associates, Hartford Accident and Indemnity Company, and all other interested parties to --appear and show cause why its Monsanto State H Well No. 1 located in Unit E of Section 2, Township 30 North, Range 16 West, San Juan County, should not be plugged and abandoned in accordance with a Division-approved plugging program.

CASE 6787: (Continued from January 16, 1980, Examiner Hearing)

In the matter of the hearing called by the Oil Conservation Division on its own motion to consider the approval of 12 non-standard proration units ranging in size from 261.51 acres to 334.24 acres for 320-acre spaced pools, and 19 non-standard proration units ranging in size from 162.65 acres to 207.57 acres for 160-acre spaced pools, all of the aforesaid units being in and resulting from the irregular size and shape of Sections 1 thru 7 and 18, 19, 30, ard 31, along the North and West sides of Township 28 North, Range 3 West, Rio Arriba County.

CASE 6487: (Continued from January 3, 1980, Examiner Hearing)

Application of El Paso Natural Gas Company for approval of infill drilling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks a waiver of existing well-spacing requirements and a finding that the drilling of its Shell E State Com Well No. 2 located in Unit N of Section 6, Township 21 South, Range 36 East, Eumont Gas Pool, Lea County, New Mexico, is necessary to effectively and efficiently drain that portion of the proration unit which cannot be so drained by the existing well.

CASE 6804: Application of The Superior Oil Company for an unorthodox gas well location, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of its Bondurant Federal Com Well No. 1, a Morrow test to be drilled 1980 feet from the South line and 660 feet from the East line of Section 1, Township 19 South, Range 32 East, the S/2 of said Section 1 to be dedicated to the well.

CASE 6767: (Continued from January 16, 1980, Examiner Hearing)

Application of Alpha Twenty-One Production Company for two non-standard gas proration units, unorthodox well location, and approval of infill drilling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval of a 40-acre non-standard proration unit comprising the NW/4 NW/4 of Section 27, Township 25 South, Range 37 East, Jalmat Gas Pool, to be dedicated to El Paso Natural Gas Company's Harrison Well No. 2, and also a 200-acre unit comprising the S/2 N/2 and NE/4 NW/4 of said Section 27 to be dedicated to a well to be drilled at an unorthodox location 1980 feet from the North line and 560 feet from the West line of Section 27. Applicant further seeks a finding that the drilling of the latter well is necessary to effectively and efficiently drain that portion of an existing proration unit which cannot be so drained by the existing well.

CASE 6805: Application of Hondo Oil and Gas Company for an unorthodox gas well location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of its Federal 10 Well No. 1, a Wolfcamp-Pennsylvanian test to be drilled 1550 flet from the North line and 660 feet from the West line of Section 10, Township 18 South, Range 28 East, the W/2 of said Section 10 to be dedicated to the well.

CASE 6806: Application of Westall, Mask and Jennings for an exception to Order No. R-3221, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an exception to Order No. R-3221 to permit disposal of produced brine into unlined surface pits adjacent to tank batteries in Sections 23, 24, 25, 26, 27, 34 and 35, Township 18 South, Range 31 East.

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# STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION AZTEC DISTRICT OFFICE

JERRY APODACA GOVERNOR NICK FRANKLIN

SECRETARY

ECELVED JAN 1 0 1980 \* \* \*

1000 RID BRAZOS ROAD AZTEC, NEW MEXICO 87410 (505) 334-6178

CLEON STRATION SANDA

January 14, 1980 Case 6803 A Corene 6803 A Corene 6803 A Corene 6803 A Corene 6803

Mr. Ernest Padilla Oil Conservation Division P. O. Box 2088 Santa Fa, New Maxico 87501

Ro. EPROC Associates plugging bond

Dear Ernie:

Please docket a case for hearing calling EPROC Associates and other interested parties to come forth and show cause why they should not be fined for violation of Order R-5432 and why their well Monsanto State H #1, E-2-30N-16W, should not be plugged and abandoned in accordance with a division approved plugging program.

If you have any questions, please call.

Yours truly, 13

Frank T. Chavez Deputy Inspector

xc: EPROC Associates

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STATE OF NEW MEYOD FNERGY AND MINERALS DEPARTMENT OIL CORSERVATION DIVISION AZTEC DETECT DED 2

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AZTED, NEW MEXICO 87410 05/51/334/51/79

January 14, 1930

EPROC Associates P. 0. Box 1266 Scotterale, Arizona 35201

Re: Plugging Bonds

**C361 5 1 MAC** 

SZNTA FE

Scatleman:

This letter is to patify you that you are in violation of Rule 202 and Compassion Order R-SH32. I have requested our attorney to cocket a case for hearing for you to come forth and show cause why you should not be fined in accordance with Section 65-3 27, Maw Mexico Statutes Amountated, and thy your well Monaanto State H #1, E-2-30M-16W, should not be plogged and themdoned in accordance with Rule 202.

If you have any questions, please call this office

Yours truly, Frank T. Chovez Deputy Respector

me: Hr. Ernest Podilla, Oil Conservation Division, Santa Fe

FTC:no

DRAFT

dr/

### STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION

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

CASE NO.	6803	
Order No	$\mathbf{P}_{-}$ (270	

IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION DIVISION ON ITS OWN MOTION TO PERMIT EPROC ASSOCIATES, HARTFORD ACCIDENT AND INDEMNITY COMPANY, AND ALL OTHER INTERESTED PARTIES TO APPEAR AND SHOW CAUSE WHY ITS MONSANTO STATE H WELL NO. 1 LOCATED IN UNIT E OF SECTION 2, TOWNSHIP 30 NORTH, RANGE 16 WEST, SAN JUAN COUNTY, SHOULD NOT BE PLUCCED AND ADANDONED IN ACCORDANCE WITH A DIVISION-APPROVED PLUGGING PROGRAM.

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 9 a.m. on <u>February-13</u> 19<u>80</u>, at Santa Fe, New Mexico, before Examiner <u>Daniel S. Nutter</u> NOW, on this <u>day of February</u>, 19<u>80</u>, the Division Director, 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 Division has jurisdiction of this cause and the subject matter thereof.

(2) That E	PROC Associates	is the owner and
operator of the	onsanto State H Well No. l	,
located in Unit	Eof Section,	Township 30 North
Range_ 16 West	, NMPM, San Juan	County, New Mexico.
(3) That	Hartford Accident and I	ndemnity Company is the
surety on the Oil	Conservation Division	plugging bond on which
EPROC Associate	S	is principal.

(4) That the purpose of said bond is to assure the state that the subject well **E** will be properly plugged and abandoned when not capable of commercial production.

(5) That in order to prevent waste and protect correlative rights said Monsanto State H Well No. 1 should

be plugged and abandoned in accordance with a program approved by

the <u>Aztec</u> District Office of the New Mexico Oil Conservation Division on or before <u>September</u>, 1980, or the well should be returned to active drilling status or placed on production.

IT IS THEREFORE ORDERED:

(1) That <u>EPROC Associates and Hartford Accident and Indemnity</u> <u>Company</u> are hereby ordered to plug and abandon the <u>Monsanto State H Well No. 1</u> located in Unit <u>E</u> of Section <u>2</u>, Township <u>30 North</u>, Range <u>16 West</u>, NMPM, <u>San Juan</u> County, New Mexico, or in the alternative, to return the well to active drilling status or place the well on production on or before <u>September I</u>, 19\_<u>80</u>.

(2) That <u>EPROC Associates and Hartford Accident and Indemnity</u> <u>Company</u>, prior to plugging and abandoning the above described well, shall obtain from the <u>Aztec</u> office of the Division, a Division-approved program for said plugging and abandoning, and shall notify said <u>Aztec</u> office of the date and hour said work is to be commenced whereupon the Division may, at its option, witness such work.

(3) 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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## STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION

BRUCE KING LARRY KEHOE SECRETARY

POST OFFICE BOX 2088 STATE LAND OFFICE BUILDING SANTA FE, NEW MEXICO 87501 1505) 827-2434

January 28, 1980

CERTIFIED - RETURN RECEIPT REQUESTED

EPROC Associates P. O. Box 1266 Scottsdale, Arizona 85201

Hartford Accident and Indemnity Company 690 Asylum Avenue Hartford, Connecticut 06115

> Monsanto State H Well No. 1, Re: located in Unit E of Section 2, Township 30 North, Range 16 West, San Juan County Plugging Bond

### Gentlemen:

Enclosed is a copy of the Notice of Publication of the Examiner Hearing to be held on Wednesday, February 13, 1980, at 9 o'clock a.m. in the Oil Conservation Division Conference Room, State Land Office Building, Santa Fe, New Mexico. Case 6803 concerns the above captioned subject matter.

Very truly yours,

ERNEST L. PADILLA General Counsel

ELP/fd enc.

NOTICE OF PUBLICATION STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION SANTA FE - NEW MEXICO

The State of New Mexico by its Oil Conservation Division hereby gives notice pursuant to law and the Rules and Regulations of said Division promulgated thereunder of the following public hearing to be held at 9 o'clock a.m. on FEDRUARY 13, 1000, at the Oil Conservation Division Conference Room, State Land Office Building, Santa Fe, New Mexico, before Daniel S. Nutter, Examiner, or Richard L. Stamets, Alternate Examiner, both duly appointed for said hearing as provided by law.

> STATE OF NEW MEXICO TO: All named parties and persons having any right, title, interest or claim in the following cases and notice to the public.

(NOTE: All land descriptions herein refer to the New Mexico Principal Meridian whether or not so stated.)

### CASE 6803:

In the matter of the hearing called by the Oil Conservation Division on its own motion to permit EPROC Associates, Hartford Accident and Indemnity Company, and all other interested parties to appear and show cause why its Monsanto State H Well No. 1 located in Unit E of Section 2, Township 30 North, Range 16 West, San Juan County, should not be plugged and abandoned in accordance with a Divisionapproved plugging program.

#### CASE 6804:

Application of The Superior Oil Company for an unorthodox gas well location, Lea County, New Mexico.

Applicant, in the above-styled cause, seeks approval for the unorthodox location of its Bondurant Federal Com Well No. 1, a Morrow test to be drilled 1980 feet from the South line and 660 feet from the East line of Section 1, Township 19 South, Range 32 East, the S/2 of said Section 1 to be dedicated to the well. CASE 6805:

Application of Hondo Oil and Gas Company for an unorthodox gas well location, Eddy County, New Mexico.

Applicant, in the above-styled cause, seeks approval for the unorthodox location of its Federal 10 Well No. 1, a Wolfcamp-Pennsylvanian test to be drilled 1550 feet from the North line and 660 feet from the West line of Section 10, Township 18 South, Range 28 East, the W/2 of said Section 10 to be dedicated to the well.

### CASE 6806:

Application of Westall, Mack and Jonnings for an exception to Order No. R-3221, Eddy County, New Mexico.

Applicant, in the above-styled cause, seeks an exception to Order No. R-3221 to permit disposal of produced brine into unlined surface pits adjacent to tank batteries in Sections 23, 24, 25, 26, 27, 34 and 35, Township 18 South, Range 31 East.

### CASE 6807:

Application of Meadoo Properties, Ltd. for an exception to Order No. R-111-A, Eddy County, New Mexico.

Applicant, in the above-styled cause, seeks an exception to the casing-cementing rules of Order No. R-111-A to permit a proposed well in Unit L of Section 4, Township 21 South, Range 29 East, to be completed by setting surface casing at 550 feet and production casing at total depth and cementing both casing strings to the surface.

### CASE 6808:

Application of Conoco Inc. for two non-standard gas proration units and two unorthodox well locations, Lea County, New Mexico.

Applicant, in the above-styled cause, seeks approval of a 160-acre non-standard gas proration unit comprising the NW/4 of Section 24, Township 20 South, Range 37 East, Eumont Gas Pool, and also a 120-acre non-standard gas proration unit comprising the W/2 SW/4 and SE/4 of said Section 24, each of said units to be dedicated to a well to be drilled at an unorthodox location, the first being 990 feet from the North line and 330 feet from the West line of the section, and the second being 1650 feet from the South line and 330 feet from the East line.

### CASE 6387: (Reopened and Readvertised)

In the matter of Case 6387 being reopened pursuant to the provisions of Order No. R-5353-E which order reclassified the North Tocito Dome-Pennsylvanian Gas Pool as an associated pool with special rules and regulations therefor. All interested parties may appear and show cause why the North Tocito Dome-Pennsylvanian Associated Pool should not be reclassified as a gas pool to be governed by statewide rules.

### CASE 6809:

Application of Harvey E. Yates Company for a

unit agreement, Lea County, New Mexico.

Applicant, in the above-styled cause, seeks approval for the Betenbough Unit Area, comprising 1921 acres, more or less, of State and fee lands in Township 13 South, Range 36 East.

CASE 6795: (Continued and Readvertised) Application of Torreon Oil Company for a waterflood project, Sandoval County, New Mexico.

Applicant, in the above-styled cause, seeks authority to institute a waterflood project in the San Luis-Mesaverde Cil Pool by the injection of water into the Menafee formation through its San Luis Fed. Wells Nos. 1 and 2, located in Unit K of Section 21, Township 18 North, Range 3 West. Applicant further seeks an administrative procedure for approval of additional producing and injection wells at unorthodox locations in said project.

### CASE 6810:

In the matter of the hearing called by the Oil Conservation Division on its own motion to consider:

The creation of the following pools:

Brunson-Fusselman Pool in Township 22 South, Range 37 East, Lea County; North Illinois Camp-Morrow Gas Pool in Township 18 South, Range 28 East, Eddy County; Kennedy Farms-Upper Pennsylvanian Gas

Pool in Township 17 South, Range 26

East, Eddy County;

East Siete-San Andres Pool in

Township 8 South, Range 31 East,

Chaves County;

The extension of the vertical limits of the Angell Ranch-Morrow Gas Pool in Eddy County to include the Atoka formation, the redesignation of said pool as the Angell Ranch Atoka-Morrow Gas Pool, and the horizontal extension of said pool; The extension of the following pools in Lea County:

Antelope Ridge-Atoka Gas

Antelope Ridge-Morrow Gas

West Arkansas Junction-San Andres

Austin-Mississippian Gas

South Bell Lake-Morrow Gas

Blinebry Oil and Gas

Caudill-Devonian

Drinkard

Eumont

Eunice-San Andres

Hardy-Blinebry

Maljamar Grayburg-San Andres

Sand Dunes-Bone Springs

Sioux-Yates

Warren-Tubb Gas

The extension of the following pools in Chaves County:

Buffalo Valley-Pennsylvanian Gas

Comanche-San Andres

Double L Queen Associated

Race Track-San Andres

The extension of the following pools in Eddy County:

North Burton Flats-Wolfcamp Gas

South Carlsbad-Delaware

South Culebra Bluff-Atoka Gas

Diamond Mound-Atoka Gas

Dublin Ranch-Morrow Gas

South Empire-Morrow Gas

East Empire Yates-Seven Rivers

Golden Lane-Morrow Gas

Logan Draw-Morrow Gas

Palmillo-Bone Springs

Penasco Draw-Morrow Gas

Penasco Draw San Andres-Yeso Associated

Winchester-Morrow Gas

GIVEN Under the Seal of the New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 25th day of January, 1980.

STATE OF NEW MEXICO

OIL CONSERVATION DIVISION

JOE D. RAMEY

Division Director

SEAL