



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

TONY ANAYA  
GOVERNOR

July 11, 1986

POST OFFICE BOX 2088  
STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87501  
(505) 827-5800

Mr. William F. Carr  
Campbell & Black  
Attorneys at Law  
Post Office Box 2208  
Santa Fe, New Mexico

Re: CASE NO. 3916  
ORDER NO. R-3255

Applicant:

Yates Drilling Company

Dear Sir:

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

Sincerely,

R. L. STAMETS  
Director

RLS/fd

Copy of order also sent to:

Hobbs OCD   X    
Artesia OCD   X    
Aztec OCD       

Other \_\_\_\_\_  
\_\_\_\_\_

CAMPBELL & BLACK, P.A.

LAWYERS

JACK M. CAMPBELL  
BRUCE D. BLACK  
MICHAEL B. CAMPBELL  
WILLIAM F. CARR  
BRADFORD C. BERGE  
J. SCOTT HALL  
PETER N. IVES  
JOHN H. BEMIS

GUADALUPE PLACE  
SUITE 1 - 110 NORTH GUADALUPE  
POST OFFICE BOX 2208  
SANTA FE, NEW MEXICO 87504-2208  
TELEPHONE: (505) 988-4421  
TELECOPIER: (505) 983-6043

June 24, 1986

Mr. David Catanach  
Hearing Examiner  
Oil Conservation Division  
Post Office Box 2088  
Santa Fe, New Mexico 87504-2088

Re: Case 8916: Application of Yates Drilling Company  
for Waterflood Expansion, Eddy County, New Mexico.

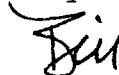
Dear David:

As you will recall, at the June 12 hearing of the above-referenced case, you requested that Yates Drilling Company supply to you step-rate tests conducted on wells in the Artesia Metex Unit. A review of Yates' records indicates that these tests were taken early in the life of the unit and the present results cannot be located. Enclosed herewith please find copies of portions of OCD Form C-115 that were filed with the Division for the month of April, 1986. As you will note, the average injection pressure for each of the injection wells is less than 1400 psig, the amount requested by Yates as a maximum pressure for its well #35.

Yates Drilling Company requests permission to reduce the maximum pressure as requested in the application to 1200 psig. If, however, this application is approved at the lower pressure, Yates Drilling Company also requests permission to conduct a step-rate test on the subject well within the first 90 days of injection, and then, after the results of the test are available and furnished to the Commission, would seek authority to administratively increase the pressure to 1400 psig.

Your attention to this request is appreciated.

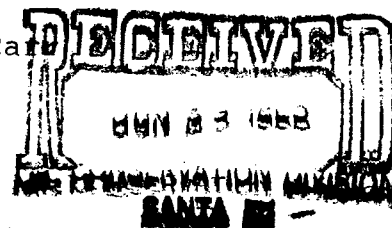
Very truly yours,



William F. Carr

WFC/cv  
enclosures

cc: T. L. Rhodes



Yates Drilling Company 207 South 4th Street, Artesia, N.M. 88210 April, 1986 Page 2 of 14

WELL NO	UNIT	SEC	TRP	RNG	STATE	FEDERAL LEASE NO.	INJECTION			TOTAL LIQUIDS PRODUCED			GAS PRODUCED (MCF)	DAYS PROD.	DISPOSITION OF GAS		DISPOSITION OF OIL						
							VOLUME	PRESS.	MONTHLY OIL ALLOWABLE	ACTUAL BARR. PRODUCED	BARR. OF WATER PRODUCED	SOLD			TRANS-PORTER	OTHER	OIL ON HAND AT BEG. OF MONTH	BARR. TO TRANS-PORTER	TRANS-PORTER	OTHER	OIL ON HAND AT END OF MONTH		
Artesia Queen Grayburg SA																							
Artesia Metex Waterflood							Unit																
1B	24	18S	27E		P		30			15	0	30											
2G	24	18S	27E		P		30			21	257	30											
3H	24	18S	27E		P		90			96	1335	30											
4E	19	18S	28E		P		90			10	124	30											
5L	24	18S	27E		P		60			81	4415	30											
6K	24	18S	27E		P																		
7J	24	18S	27E		P		3352	1254		270	2710	30											
8I	24	18S	27E		P		5754	1237		5													
9L	19	18S	28E		P					504	318	30											
1L	19	18S	28E		P					126	2237	30											
2K	19	18S	28E		P		3533	1200		75													
3J	19	18S	28E		P					434	2822	30											
4J	19	18S	28E		P					166	2378	30											
5I	19	18S	28E		P					210	180	30											
5M	24	18S	27E		P		7084	1270		59	430	30											
7N	24	18S	27E		P					465	430	30											
3N	24	18S	27E		P					405	2056	30											
9O	24	18S	27E		P					480	423	30											
9P	24	18S	27E		P		6432	1300		208													
1M	19	18S	28E		P					420	1058	30											
2N	19	18S	28E		P					507	2757	30											
3N	19	18S	28E		P					273	2847	30											
4O	19	18S	28E		P					444	2104	30											
5O	19	18S	28E		P					486	174	30											
6A	26	18S	27E		P					30	2283	30											
7D	25	18S	27E		P					510	1966	30											
8C	25	18S	27E		P		4540	934															
9B	25	18S	27E		P					240	2610	30											
1A	25	18S	27E		P					285	846	30											
2A	25	18S	27E		P					510	2425	30											
3D	30	18S	28E		P					239													

DISTRIBUTION  
ORIGINAL TO OCE SANTA FE  
ONE COPY TO OCE DIST. OFFICE  
ONE COPY TO TRAYS/PORTERS

STATUS CODE  
..... PUMPING  
..... GAS LIFT  
..... SURFACE  
..... TRAY ABANDONED  
..... INJECTION  
..... DISCONTINUED

OTHER GAS DISPOSITION CODE  
..... USED OFF LEASE  
..... USED FOR DRILLING  
..... GASES LIFT  
..... GASES ESTIMATED  
..... ESTIMATED  
..... PRESSURE MAINTENANCE  
..... VERIFIED  
..... USED ON LEASE

DISPOSITION CODE  
..... REGULATING OIL  
..... SEDIMENTATION (SEDM)  
..... EXPLANATION ATTACHED

I HEREBY CERTIFY THAT THE INFORMATION GIVEN IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE

Karen J. Leishman 746-9889  
Production Clerk  
5-23-86

Company: Yates Drilling Company (Address) 207 South 4th Street, Artesia, N.M. (Phone) 88210 (Date) April, 1986 Page 3 of 1

POOL NAME (Underline)	* Lease Name	WELL NO	UNIT	SEC	TRP	RNG	STATUS	INJECTION		TOTAL LIQUIDS PRODUCED		GAS PRODUCED (MCF)	DAYS PROD.	DISPOSITION OF GAS			DISPOSITION OF OIL					
								VOLUME	PRESS.	MONTHLY OIL ALLOWABLE	ACTUAL BARRELS PRODUCED			BARRELS OF WATER PRODUCED	PRODUCED (MCF)	SOLO	TRANS-PORTER	OTHER	OIL ON HAND AT BEG. OF MONTH	BARRELS TO TRANS-PORTER	TRANS-PORTER	OTHER
Artesia Queen Grayburg SA (cqn'd)																						
12C 30	18S 28E						I	11017	1350	526	170	1693	30									
13B 30	18S 28E						P			74	55	1773	30									
14B 30	18S 28E						P			510	85	1975	30									
16E 25	18S 27E						P			420	448	6196	30									
18F 25	18S 27E						P			780	131	1282	30									
9G 25	18S 27E						P															
0H 25	18S 27E						I	10650	1312													
1E 30	18S 28E						I	3450	1337													
2F 30	18S 28E						P			180	85	5549	30									
3G 30	18S 28E						P			30	0	1052	30									
4I 26	18S 27E						P			420	43	1270	30									
5L 25	18S 27E						I	6554	1348													
6K 25	18S 27E						P			600	120	1193	30									
7J 25	18S 27E						P			420	188	7900	30									
8I 25	18S 27E						P			510	127	1090	30									
9K 30	18S 28E						I	11222	1207													
00 26	18S 27E						P			30	46	13	30									
1P 26	18S 27E						P			0	4	1539	30									
2M 25	18S 27E						I	3412	1200													
3N 25	18S 27E						P			60	102	5566	30									
40 25	18S 27E						I	8795	1264													
5B 35	18S 27E						P			30	46	308	30									
6A 35	18S 27E						I	4943	1350													
7D 36	18S 27E						P			840	139	1270	30									
8C 36	18S 27E						I	6427	1322													
9K 25	18S 27E						P			600	85	494	30									
1C 30	18S 28E						P			150	102	194	30									
A 25	18S 27E						P			285	42	1058	30									
Case Total								97165		13530	4066	80170							489	4239	NRC	316

DISTRICT: DISTRICT TO OGC SANTA FE  
 OFFICE: OFFICE TO OGC DIST. OFFICE  
 DATE: DATE TO TRANSMIT (MM/YY)

STATUS CODE:  
 F... FLOWING  
 P... PLUGGED  
 G... GAS LIFT  
 S... STOPPED  
 I... INTERMITTENT  
 D... DISCONTINUED

OTHER - GAS DISPOSITION CODE:  
 K... USED OFF LEASE  
 B... USED FOR DRILLING  
 C... GAS LIFT  
 E... EXPLANATION ATTACHED  
 R... REPLEASING OF  
 P... PRESSURE MAINTENANCE  
 V... VENTED  
 W... WASTED ON LEASE

OTHER - OIL DISPOSITION CODE:  
 C... CIRCULATING OIL  
 S... SEDIMENTATION (SLIM)  
 E... EXPLANATION ATTACHED

I HEREBY CERTIFY THAT THE INFORMATION GIVEN IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE  
 Karen J. Leishman (Name) 746-9889  
 Production Clerk (Position)

*Karen J. Leishman* (Signature)  
 5-23-86 (Date)



TONY ANAYA  
GOVERNOR

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION



1935 - 1985

October 21, 1985

POST OFFICE BOX 2088  
STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87501  
(505) 827-5800

Mr. Mack A. Weaver  
Water Supply Branch, 6W-SG  
Groundwater Protection Section  
Chief  
1201 Elm Street  
Dallas, Texas 75270

Dear Mr. Weaver:

Attached please find a copy of draft concepts for a UIC QA plan for chemical tests. The draft was prepared by OCD's Quality Assurance Officer, Mr. P. L. Baca. Mr. Baca is leaving the Division, and in light of this, we are requesting that the Region's Quality Assurance Officer, Ms. Linda Kirkland, review and comment on this proposal. Mr. Baca has spoken with Ms. Kirkland and she is familiar with our proposal. If the attached concepts appear to be acceptable for a QA plan, implementation should start in the 3rd Quarter of 1986; however, this will depend directly on the speed with which we can hire and train a new Quality Assurance Officer.

Please feel free to call me if you wish to discuss this matter in further detail.

Sincerely,

R. L. STAMETS  
Director

RLS/PB/dp

cc: Linda Kirland,  
EPA Region VI, 6E-Q