

State of New Mexico
ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT
Santa Fe, New Mexico 87505



OIL CONSERVATION DIVISION



February 17, 1995

Campbell, Carr, Berge & Sheridan, P. A.
Attn: William F. Carr
P. O. Box 2208
Santa Fe, New Mexico 87504-2208

*RE: Case No. 11,161, Application of Yates Petroleum Corporation
for a Cooperative Pressure Maintenance Project in portions of
Sections 14 and 23, both in Township 20 South, Range 24 East,
NMPM, Eddy County, New Mexico.*

Dear Mr. Carr:

In preparing an order in the subject matter I came across a small discrepancy between the data presented at the time of the December 15, 1994 hearing and the Division's records of the Hill View "AHE" Federal Com Well No. 2. The information on this well in Yates' OCD Form C-108, being Exhibit No. 1, indicates the perforated interval to be from 7696 feet to 7794 feet and their proposal to run 7600 feet of 3-1/2 inch tubing and set in a packer at 7600 feet. The information in our well file indicates the perforated interval in this well to be from 7576 feet to 7794 feet. I have included copies of all pertinent information referenced above.

Please either provide me with an explanation for this discrepancy or supplement the Case file with amended copies of the pages herein referenced. Even though the discrepancy is a rather minor one, a correction now might help to alleviate a bigger investigation later during a E.P.A. - UIC audit of our records.

Please call me here in Santa Fe at (505) 827-8185 should you require any additional information from me or have any questions. Thank you for your cooperation and understanding in this matter.

Sincerely,

Michael E. Stogner
Chief Hearing Officer/Engineer

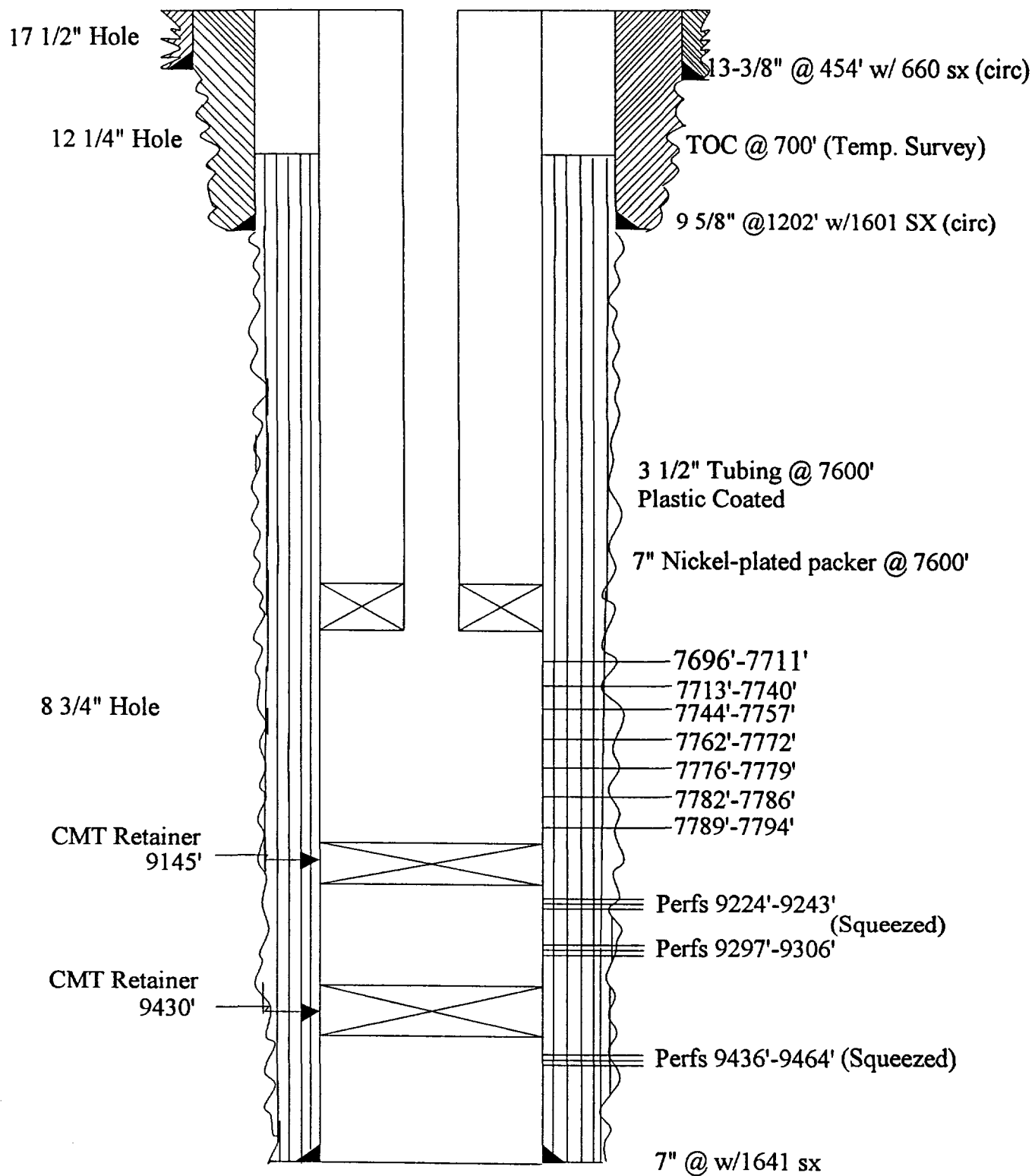
cc: OCD - Artesia
William J. LeMay, Director - OCD, Santa Fe
Pinson McWhorter, Reservoir Engineer - Yates, Artesia

VILLAGRA BUILDING - 408 Galisteo
Forestry and Resources Conservation Division
P.O. Box 1948 87504-1948
827-5830
Park and Recreation Division
P.O. Box 1147 87504-1147
827-7465

2040 South Pacheco
Office of the Secretary
827-5950
Administrative Services
827-5925
Energy Conservation & Management
827-5900
Mining and Minerals
827-5970
Oil Conservation
827-7101

Hillview AHE Fed Com #2
G 23-20S-24E
1650' FNL & 1780' FEL

Proposed



ATTACHMENT A

DAGGER DRAW SOUTH - PRESSURE MAINTENANCE PILOT Form G-108 Well Data						
LEASE NAME & LOCATION	CASING, TUBING & PACKER DATA	INJECTION FORMATION	INJECTION INTERVAL PERFORATIONS	1 - NEXT HIGHER OIL/GAS ZONE		OTHER PERFORATED INTERVALS
				2 - NEXT LOWER OIL/GAS ZONE		
Hill View AHE Federal Com #2 Unit G Sec 23-20S-24E 1650' FNL & 1780' FEL (Originally Morrow Gas Test)	13-3/8" @ 454' w/660 sx (circulated) 17-1/2" hole 9-5/8" @ 1202' w/1601 sx (circulated) 12-1/4" hole 7" @ 9700' w/1641 sx TOC @ 700' (Temp survey) 8-3/4" hole 3-1/2" tubing @ 7600' (plastic coated) 7" Nickel-plated packer @ 7600'	Canyon Dagger Draw South (Upper Penn)	7696' - 7711' 7713' - 7740' 7744' - 7751' 7762' - 7772' 7776' - 7779' 7782' - 7786' 7789' - 7794'	1 - Wolfcamp 2 - Strawn		9224' - 9243' squeezed w/60 sx 9297' - 9306' Class H Cement Cement Retainer @ 9145' 9436' - 9464' squeezed w/50 sx Class H Cement Cement Retainer @ 9430'
Hill View AHE Federal Com #6 Unit B Sec 23-20S-24E 660' FNL & 1980' FEL (Originally Oil Well)	20" @ 40' w/Redimix 26" hole 9-5/8" @ 1225' w/1100 sx (circulated) 14-3/4" hole 7" @ 8130' w/1650 sx (circulated) 8-3/4" hole 3-1/2" tubing @ 7500' (plastic coated) 7" Nickel-plated packer @ 7500'	Canyon Dagger Draw South (Upper Penn)	7566' - 7588' 7630' - 7650' 7662' - 7698' 7712' - 7799'	1 - Wolfcamp 2 - Strawn		None
Saguaro AGS Federal Com #8 Unit O Sec 14-20S-24E 660' FSL & 1980' FEL (Originally Oil Well)	20" @ 40' w/Redimix 26" hole 9-5/8" @ 1088' w/1100 sx (circulated) 14-3/4" hole 7" @ 8120' w/2130 sx (circulated) 8-3/4" hole 3-1/2" tubing @ 7590' (plastic coated) 7" Nickel-plated packer @ 7590'	Canyon Dagger Draw South (Upper Penn)	7624' - 7650' 7672' - 7696' 7704' - 7722' 7740' - 7748'	1 - Wolfcamp 2 - Strawn		None

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONTACT RECEIVING
OFFICE FOR NUMBER
OF COPIES REQUIRED
(Other instructions on re-
verse side)

NM Roswell District

Modified Form No.

NM60-3160-4

5. LEASE DESIGNATION AND SERIAL NO.

NM 045274

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		3a. Area Code & Phone No. 505/748-1471		8. FARM OR LEASE NAME Hill View AHE Federal Com	
2. NAME OF OPERATOR YATES PETROLEUM CORPORATION		3b. Artesia Office		9. WELL NO. 2	
3. ADDRESS OF OPERATOR 105 South 4th St., Artesia, NM 88210		4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1650' FNL & 1780' FEL, Sec. 23-20S-24E		10. FIELD AND POOL, OR WILDCAT South Dagger Draw Upper Pe	
14. PERMIT NO. 30-015-23541		15. ELEVATIONS (Show whether DF, RT, GR, etc.) 3627 GR		11. SEC., T., S., M., OR BLK. AND SURVEY OR AREA Unit G, Sec. 23-20S-24E	
				12. COUNTY OR PARISH Eddy	
				13. STATE NM	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>	WATER SHUT-OFF	<input type="checkbox"/>
FRAC TURE TREAT	<input type="checkbox"/>	FRAC TURE TREATMENT	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	SHOOTING OR ACIDIZING	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	(Other)	<input type="checkbox"/>
(Other)	<input type="checkbox"/>	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

5-25-90. MIRU. Drill out cement retainer at 7610'. Existing perforations from 7696-7794
6-5-90. Perforated Canyon 7576-7629' w/7 - .50" holes as follows: 7576, 79, 81, 7625, 27, 28 and 7629'. Acidized perfs 7576-7629' w/2400 gals 20% NEFE acid.
6-6-90. Acidized all perforations 7576' to 7794' w/10000 gals 20% NEFE acid + block.

ACCEPTED FOR RECORD

JUN 15 1990

CARLSBAD, NEW MEXICO

18. I hereby certify that the foregoing is true and correct

SIGNATURE [Signature]

TITLE Production Svvr.

DATE 6-6-90

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

*See Instructions on Reverse Side

Submit 5 Copies
Appropriate District Office
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
RECEIVED

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

RECEIVED SK+
Form C-104
Revised 1-1-89
See Instructions
Bottom of Page

O. C. D.
ARTESIA, OFFICE

REQUEST FOR ALLOWABLE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Operator YATES PETROLEUM CORPORATION	Well API No. 30-015-23541
Address 105 South 4th St., Artesia, NM 88210	
Reason(s) for Filing (Check proper box) <input type="checkbox"/> Other (Please explain)	
New Well <input type="checkbox"/>	Change in Transporter of: <input type="checkbox"/> Request allowable for well.
Recompletion <input type="checkbox"/>	Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/>
Change in Operator <input type="checkbox"/>	Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/> Workover-perforated additional Canyon, treated.
If change of operator give name and address of previous operator	

II. DESCRIPTION OF WELL AND LEASE

Lease Name Hill View AHE Federal Com	Well No. 2	Pool Name, Including Formation South Dagger Draw Upper Penn	Kind of Lease State, Federal or Fee	Lease No. NM 045274
Location Unit Letter <u>G</u> : <u>1650</u> Feet From The <u>North</u> Line and <u>1780</u> Feet From The <u>East</u> Line Section <u>23</u> Township <u>20S</u> Range <u>24E</u> , NMPM, <u>Eddy</u> County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/> Navajo Refining Co.	Address (Give address to which approved copy of this form is to be sent) PO Box 159, Artesia, NM 88210					
Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> Yates Petroleum Corporation	Address (Give address to which approved copy of this form is to be sent) 105 South 4th St., Artesia, NM 88210					
If well produces oil or liquids, give location of tanks.	Unit G	Sec. 23	Twp. 20S	Rge. 24E	Is gas actually connected? Yes	When? 6-9-90

If this production is commingled with that from any other lease or pool, give commingling order number:

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well <input checked="" type="checkbox"/>	Gas Well	New Well	Workover <input checked="" type="checkbox"/>	Deepen	Plug Back	Same Res'v	Diff Res'v
Date Spudded 12-14-81	Date Compl. Ready to Prod.		Total Depth 9700'		P.B.T.D.			
Elevations (DF, RKB, RT, GR, etc.) 3627' GR	Name of Producing Formation Canyon		Top Oil/Gas Pay 7576'		Tubing Depth			
Perforations 7696-7794'; 7576-7629'					Depth Casing Shoe 9700'			
TUBING, CASING AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			
17-1/2"	54.5#		454'		660 sx (in place)			
12-1/4"	9-5/8"		1202'		1601 sx (in place)			
8-3/4"	7"		9700'		1641 sx (in place)			

V. TEST DATA AND REQUEST FOR ALLOWABLE

OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours.)

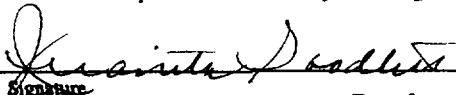
Date First New Oil Run To Tank 6-19-90	Date of Test 6-20-90	Producing Method (Flow, pump, gas lift, etc.) Pumping	
Length of Test 24 hrs	Tubing Pressure 310	Casing Pressure 120	Choke Size
Actual Prod. During Test 2390	Oil - Bbls. 50	Water - Bbls. 2340	Gas- MCF 401

GAS WELL

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

VI. OPERATOR CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.


Signature
Juanita Goodlett - Production Supvr.
Printed Name
6-21-90
Date
(505) 748-1471
Title
Telephone No.

OIL CONSERVATION DIVISION

Date Approved JUN 29 1990
By M. H. Williams
Title SUPERVISOR, DISTRICT II

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 2) All sections of this form must be filled out for allowable on new and recompleted wells.
- 3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
- 4) Separate Form C-104 must be filed for each pool in multiply completed wells.