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Form C-105
Revised 11-1-81

NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease State <input type="checkbox"/> Fee <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.
7. Unit Agreement Name
8. Farm or Lease Name Martin Federal Com.
9. Well No. 1-E
10. Field and Pool, or Wildcat Basin Dakota
12. County San Juan

1a. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER
b. TYPE OF COMPLETION NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER
2. Name of Operator Getty Oil Company
3. Address of Operator P.O. Box 3360, Casper, Wyoming 82602
4. Location of Well UNIT LETTER J LOCATED 1450 FEET FROM THE South LINE AND 2460 FEET FROM

THE East LINE OF SEC. 13 TWP. 29N RGE. 11W NMPM	15. Date Spudded 1-22-81	16. Date T.D. Reached 2-3-81	17. Date Compl. (Ready to Prod.) 3-16-81	18. Elevations (DF, RKB, RT, GR, etc.) 5601' GR	19. Elev. Casinghead 5601'
20. Total Depth 6630'	21. Plug Back T.D. 6588'	22. If Multiple Compl., How Many 2	23. Intervals Drilled By Rotary Tools Cable Tools	25. Was Directional Survey Made Yes	
24. Producing Interval(s), of this completion - Top, Bottom, Name Dakota 6373'-6475'				27. Was Well Cored No	
26. Type Electric and Other Logs Run DIL-SFL, FDC-CNL-GR, Cyberlook, CBL					

CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24	325'	12 1/4"	300 sx	
5 1/2"	14 & 15.5	6630'	7 7/8"	1385 sx	

LINER RECORD					TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 1/16"	6383'	4725'

31. Perforation Record (Interval, size and number) Shot 32 - 0.40" holes 6373'-6475'	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	6373'6475'	1250 gals 15% HCl, 103,654 gals N ₂ slickwater and 64,000# sand.

PRODUCTION							
Date First Production 2-19-81		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Shut-in	
Date of Test 3-16-81	Hours Tested 3	Choke Size 3/4"	Prod'n. Per Test Period →	Oil - Bbl. 1	Gas - MCF 312	Water - Bbl. -	Gas - Oil Ratio 312 MCF/bbl.
Flow Tubing Press. 159	Casing Pressure -	Calculated 24-Hour Rate →	Oil - Bbl. 0	Gas - MCF 2266	Water - Bbl. 0	Oil Gravity - API (Corr.) -	

34. Disposition of Gas (Sold, used for fuel, vented, etc.) Vented	Test Witnessed By Paul Berhost
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35. List of Attachments

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.		
SIGNED <u>W E Galt</u>	TITLE <u>Area Superintendent</u>	DATE <u>3-23-81</u>

INSTRUCTIONS

This form is to be filled with the names of the formations and their thicknesses, and the elevation of any newly-discovered wells. It will be examined by the State Geologist, and if found correct, the names of the formations and their thicknesses will be printed in the State Geologic Survey. The names of the formations and their thicknesses should be printed in the State Geologic Survey. The names of the formations and their thicknesses should be printed in the State Geologic Survey. The names of the formations and their thicknesses should be printed in the State Geologic Survey.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Northwestern New Mexico

Southeastern New Mexico

T. Anhy	T. Canyon	T. Ojo Alamo	595'	T. Penn. "B"	T. Penn. "C"	T. Penn. "D"	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. San Andres	T. Glorietta	T. Padlock	T. Blinbry	T. Gr. Wash	T. Morrison	T. Todito	T. Entrada	T. Wingate	T. Chinle	T. Penn. "A"	T.
T. Salt	T. Strawn	T. Kirtland-Fruitland	762'	T. Penn. "C"	T. Penn. "D"	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. San Andres	T. Glorietta	T. Padlock	T. Blinbry	T. Gr. Wash	T. Morrison	T. Todito	T. Entrada	T. Wingate	T. Chinle	T. Penn. "A"	T.	
B. Salt	T. Aloka	T. Pictured Cliffs	1887'	T. Penn. "D"	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. San Andres	T. Glorietta	T. Padlock	T. Blinbry	T. Gr. Wash	T. Morrison	T. Todito	T. Entrada	T. Wingate	T. Chinle	T. Penn. "A"	T.		
T. Yates	T. Miss	T. Cliff House	3460'	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. San Andres	T. Glorietta	T. Padlock	T. Blinbry	T. Gr. Wash	T. Morrison	T. Todito	T. Entrada	T. Wingate	T. Chinle	T. Penn. "A"	T.			
T. 7 Rivers	T. Devonian	T. Menefee		T. Madison	T. Elbert	T. McCracken	T. San Andres	T. Glorietta	T. Padlock	T. Blinbry	T. Gr. Wash	T. Morrison	T. Todito	T. Entrada	T. Wingate	T. Chinle	T. Penn. "A"	T.				
T. Queen	T. Silurian	T. Point Lookout		T. McCracken	T. San Andres	T. Glorietta	T. Padlock	T. Blinbry	T. Gr. Wash	T. Morrison	T. Todito	T. Entrada	T. Wingate	T. Chinle	T. Penn. "A"	T.						
T. Grayburg	T. Montoya	T. Mancos		T. San Andres	T. Glorietta	T. Padlock	T. Blinbry	T. Gr. Wash	T. Morrison	T. Todito	T. Entrada	T. Wingate	T. Chinle	T. Penn. "A"	T.							
T. Simpson	T. McKee	T. Rose Greenhorn	6260'	T. Ignacio Quartz	T. Granite																	
T. Ellenburger	T. Dakota		6312'																			
T. Delaware Sand	T. Bone Springs																					
T. Wolfcamp																						
T. Penn.																						
T. Cisco (Hough C)																						

OIL OR GAS SANDS OR ZONES

No. 1, from	No. 4, from	No. 5, from	No. 6, from
to	to	to	to
feet.	feet.	feet.	feet.

IMPORTANT WATER SANDS

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

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

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
595	762	762	Ojo Alamo				
762	1640	1640	Kirtland				
1640	1887	1887	Fruitland				
1887	1920	1920	Pic. Cliffs				
1920	2994	2994	Chacra				
2994	3460	3460	Mesa Verde				
3460	5430	5430	Gallup				
5430	6260	6260	Greenhorn				
6260	6312	6312	Graneros				
6312			Dakota				



LTR



Job separation sheet

THE APPLICATION OF GETTY OIL COMPANY
FOR A DUAL COMPLETION

ORDER NO. MC-2798

ADMINISTRATIVE ORDER
OF THE OIL CONSERVATION DIVISION

I
Under the provisions of Rule 112-A, Getty Oil Company made application to the New Mexico Oil Conservation Division on March 24, 1981, for permission to dually complete its Martin Federal Com 1-E located in Unit J of Section 13, Township 29 North, Range 11 West, NMPM, San Juan County, New Mexico, in such a manner as to permit production of gas from the Mesaverde formation and the Basin Dakota Pool.

Now, on this 21st day of April, 1981, the Division Director finds:

1. That application has been filed under the provisions of Rule 112-A of the Division's Rules and Regulations;
2. That satisfactory information has been provided that all operators of offset acreage have been duly notified;
3. That no objections have been received within the waiting period as prescribed by said rule.
4. That the proposed dual completion will not cause waste nor impair correlative rights; and
5. That the mechanics of the proposed dual completion are feasible and consonant with good conservation practices.

IT IS THEREFORE ORDERED:

That the applicant herein, Getty Oil Company, be and the same is hereby authorized to dually complete its Martin Federal Com 1-E located in Unit J of Section 13, Township 29 North, Range 11 West, NMPM, San Juan County, New Mexico, in such a manner as to permit production of gas from the Mesaverde formation and the Basin Dakota Pool through parallel strings of tubing.

PROVIDED HOWEVER, That applicant shall complete, operate, and produce said well in accordance with the provisions of Rule 112-A.

PROVIDED FURTHER, That applicant shall take packer-leakage tests upon completion and annually thereafter.

IT IS FURTHER ORDERED: That jurisdiction of this cause is hereby retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION


JOE D. RAMEY



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE

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

OIL CONSERVATION DIVISION
BOX 2088
SANTA FE, NEW MEXICO 87501

DATE 3-30-81

RE: Proposed MC x
Proposed DHC _____
Proposed NSL _____
Proposed SWD _____
Proposed WFX _____
Proposed PMX _____

Gentlemen:

I have examined the application dated 3-23-81
for the Betty Martin Fuel Co. #1E I #13-29N-11W
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

Agree

Yours truly,

Bert T. Chang

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

Form C-107
5-1-61

Operator <u>Getty Oil Company</u>		County <u>San Juan</u>	Date <u>March 18, 1981</u>
Address <u>P.O. Box 3360, Casper, WY 82602</u>		Lease <u>Martin Federal Com.</u>	Well No. <u>1-E</u>
Location of Well <u>J</u>	Unit <u>13</u>	Section <u>29N</u>	Range <u>11W</u>

1. Has the New Mexico Oil Conservation Commission heretofore authorized the multiple completion of a well in these same pools or in the same zones within one mile of the subject well? YES _____ NO X
2. If answer is yes, identify one such instance: Order No. _____; Operator Lease, and Well No.: _____

3. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	<u>Mesaverde</u>		<u>Dakota</u>
b. Top and Bottom of Pay Section (Perforations)	<u>3616'-4586'</u>		<u>6373'-6475'</u>
c. Type of production (Oil or Gas)	<u>Gas</u>		<u>Gas</u>
d. Method of Production (Flowing or Artificial Lift)	<u>Flowing</u>		<u>Flowing</u>

4. The following are attached. (Please check YES or NO)

- | Yes | No | |
|-------------------------------------|-------------------------------------|---|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | a. Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and/or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | b. Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | c. Waivers consenting to such multiple completion from each offset operator, or in lieu thereof, evidence that said offset operators have been furnished copies of the application.* |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | *d. Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed it shall be submitted as provided by Rule 112-A.) |

5. List all offset operators to the lease on which this well is located together with their correct mailing address.

Beta Development Co., 125 Petroleum Plaza, Farmington, New Mexico 87401

Tenneco Oil Co., Box 2511, 1010 Milam, Houston, Texas 7701

* All electrical logs were previously sent

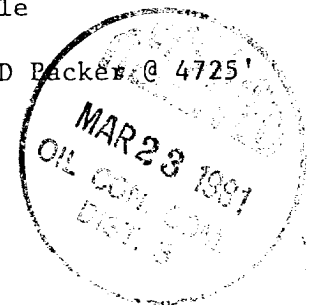
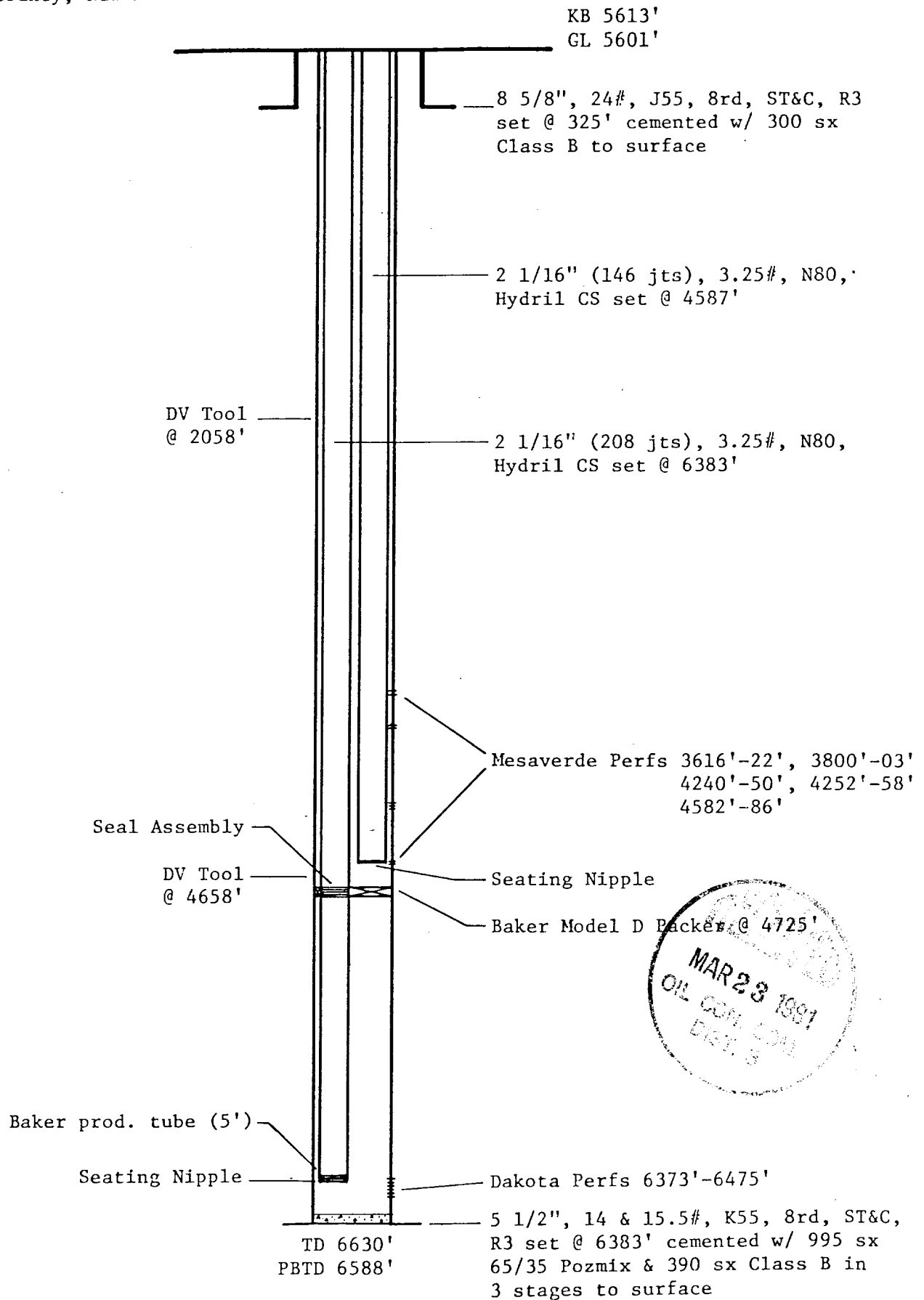
6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES X NO _____. If answer is yes, give date of such notification _____.

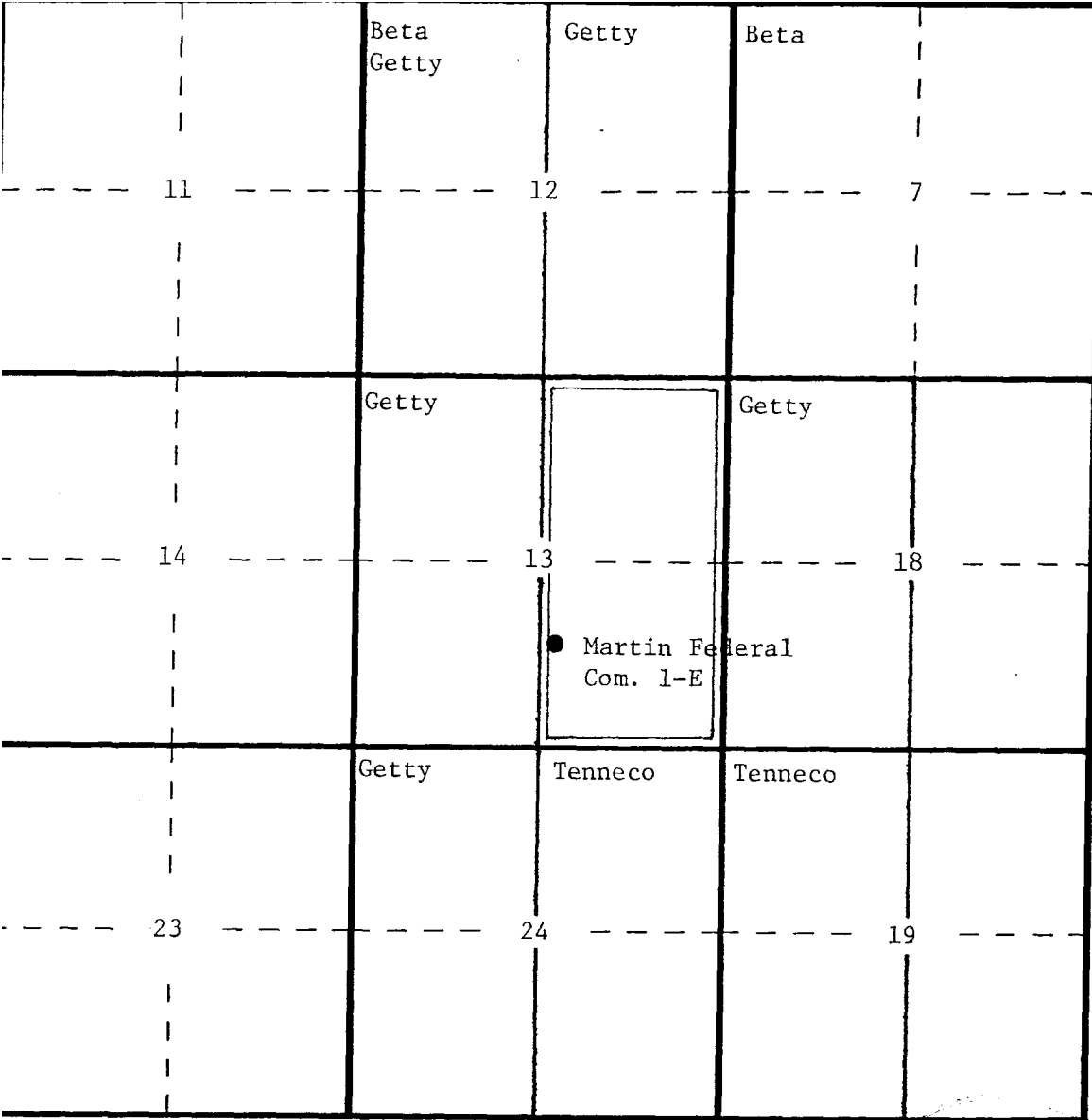
CERTIFICATE: I, the undersigned, state that I am the Area Engineer of the Getty Oil Company (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Charles E Moury 3/18/81
Signature

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

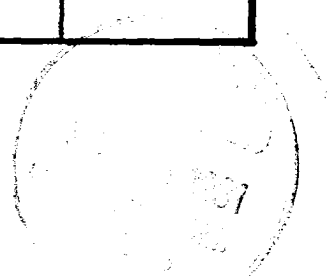
NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard perforation unit in one or more of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.





R11W

R10W



Getty Oil Company

OFFSET OWNERSHIP PLAT

Martin Federal Com. 1-E

NW NE Section 13-T29N-R11W

San Juan County, New Mexico

Scale: 1" = 1/2 mile

March 1981



Getty Oil Company , P.O. Box 3360, Casper, Wyoming 82602

Central Exploration and Production Division

March 18, 1981

New Mexico Oil Conservation Commission
1000 Rio Brazos Road
Aztec, New Mexico 87401

Re: Martin Federal Com. 1-E
NW SE Sec. 13-T29N-R11W
San Juan County, New Mexico

Gentlemen:

By copy of the attached letters and C-107's offset operators were notified of Getty's request for multiple completion on the referenced well by certified mail.

Very truly yours,
GETTY OIL COMPANY

A handwritten signature in cursive script that reads "Charles E. Mowry".

C. E. Mowry
Area Engineer

DAW/cs
Attachments



Getty Oil Company , P.O. Box 3360, Casper, Wyoming 82602

Central Exploration and Production Division

March 18, 1981

Beta Development Company
125 Petroleum Plaza
Farmington, New Mexico 87401

Re: Martin Federal Com. 1-E
NW SE Sec. 13-T29N-R11W
San Juan County, New Mexico

Gentlemen:

Please find attached copies of our Application for Multiple Completion which we are submitting to the New Mexico Oil Conservation Division.

If you, as an offset operator, have no objections to the multiple completion of the Mesaverde and Dakota formations of this well, please sign the waiver at the bottom of this page and send to:

New Mexico Oil Conservation Division
1000 Rio Brazos Road
Aztec, New Mexico 87401

We would appreciate your returning one executed copy to the undersigned.

Very truly yours,
GETTY OIL COMPANY

Charles E Mowry
C. E. Mowry
Area Engineer



DAW/cs
Attachments

W A I V E R

We hereby waive any objections to Getty Oil Company's Application for Multiple Completion as set forth above.

Name of Person (for Company)

Date



Getty Oil Company , P.O. Box 3360, Casper, Wyoming 82602

Central Exploration and Production Division

March 18, 1981

Tenneco Oil Company
Box 2511
1010 Milam
Houston, Texas 77001

Re: Martin Federal Com. 1-E
NW SE Sec. 13-T29N-R11W
San Juan County, New Mexico

Gentlemen:

Please find attached copies of our Application for Multiple Completion which we are submitting to the New Mexico Oil Conservation Division.

If you, as an offset operator, have no objections to the multiple completion of the Mesaverde and Dakota formations of this well, please sign the waiver at the bottom of this page and send to:

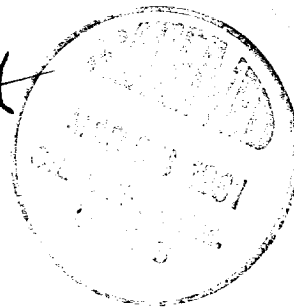
New Mexico Oil Conservation Division
1000 Rio Brazos Road
Aztec, New Mexico 87401

We would appreciate your returning one executed copy to the undersigned.

Very truly yours,
GETTY OIL COMPANY

Charles E Mowry

C. E. Mowry
Area Engineer



DAW/cs
Attachments

W A I V E R

We hereby waive any objections to Getty Oil Company's Application for Multiple Completion as set forth above.

Name of Person (for Company)

Date