



Santa Fe Energy Operating Partners, L.P.

Santa Fe Pacific Exploration Company
Managing General Partner

Certified Mail

March 11, 1988

State of New Mexico
P. O. Box 2088
Santa Fe, New Mexico 87504-2088

Re: North Hume Wolfcamp Pool
Lea County, New Mexico

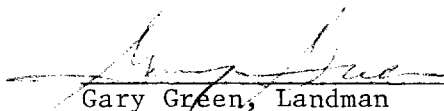
Gentlemen:

Please be advised that Santa Fe Energy Operating Partners, L.P. has applied to the New Mexico Oil Conservation Division for a hearing to amend special pool rules to establish 160 acre spacing for the pool and extend the North Hume Pool to include the SE/4 Section 35, T-15-S, R-33-E and SE/4 Section 5, T-16-S, R-34-E, Lea County, New Mexico. The North Hume-Wolfcamp Pool was discovered by the N.H. "5" Federal No. 1 well located 2466' FNL & 1980' FEL of Section 5, T-16-S, R-34-E, Lea County, New Mexico. This hearing has been set for April 13, 1988 in Santa Fe, New Mexico.

Should you have any questions regarding this matter, please call the undersigned at (915) 687-3551.

Sincerely,

SANTA FE ENERGY OPERATING PARTNERS, L.P.
By Santa Fe Pacific Exploration Company
as Managing General Partner



Gary Green, Landman

GG:pr

pjr61

Permian Basin District
500 W. Illinois
Suite 500
Midland, Texas 79701
915/687-3551

HINKLE, COX, EATON, COFFIELD & HENSLEY

LEWIS C. COX
PAUL W. EATON
CONRAD E. COFFIELD
AROLD L. HENSLEY, JR.
STUART D. SHANOR
C. D. MARTIN
PAUL J. KELLY, JR.
CWEY M. LOPEZ
DOUGLAS L. LUNSFORD
T. CALDER EZZELL, JR.
WILLIAM B. BURFORD*
RICHARD E. OLSON
RICHARD A. SIMMS
RICHARD R. WILFONG*
STEVEN D. ARNOLD
JAMES J. WECHSLER
NANCY S. CLSACK
JEFFREY L. FORNACIARI
JEFFREY D. HEWETT*
JAMES BRUCE
JERRY F. SHACKELFORD*
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ALBERT L. PITTS
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ELLEN S. CASEY
JAMES C. BROCKMANN
SUSAN L. NIESER*
MARK A. WILSON*
GREGORY S. WHEELER
ANDREW J. CLOUTIER*

ATTORNEYS AT LAW

218 MONTEZUMA

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SANTA FE, NEW MEXICO 87504-2068

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POST OFFICE BOX 10

ROSWELL, NEW MEXICO 88202

(505) 622-6510

March 21, 1988

OF COUNSEL
O. M. CALHOUN
MACK EASLEY
JOE W. WOOD
STEPHEN L. ELLIOTT

CLARENCE E. HINKLE (1901-1985)
W. E. BONDURANT, JR. (1913-1973)
ROY C. SNODGRASS, JR. (1915-1987)

*NOT LICENSED IN NEW MEXICO

Hand-Delivered

Case 9354

RECEIVED

OIL CONSERVATION DIVISION
1711 2

OIL CONSERVATION

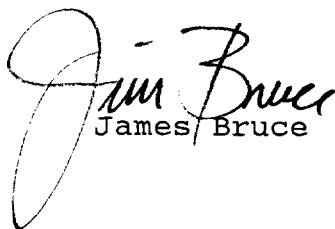
Florene Davidson
New Mexico Oil Conservation Division
State Land Office Building
Santa Fe, New Mexico 87501

Dear Florene:

Enclosed are an original and two copies of an Application on behalf of Santa Fe Energy Operating Partners, L.P. regarding the North Hume-Wolf Camp Pool in Lea County. Please set this matter for hearing on April 13, 1988. Thank you.

Very truly yours,

HINKLE, COX, EATON,
COFFIELD & HENSLEY


James Bruce

JGB/mh

Enclosures



Coastal Oil & Gas Corporation
a subsidiary of The Coastal Corporation

Dinero Plaza
1004 North Big Spring St.
P. O. Box 235
Midland, Texas 79702-0235

915/682-7925

April 12, 1988

Mr. William J. LeMay
c/o Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87504

Re: Proration Hearing
Hume, North Wolfcamp Field
Lea County, New Mexico

Dear Mr. LeMay:

This letter is being written to state Coastal Oil & Gas Corporation's position as a part owner of a lease in the above listed field. It is our understanding that a hearing has been requested to have certain rule changes for the field, namely, from 80 to 160 acre proration units. We have requested Mr. Dewey Thornton with Moncrief Oil to convey this letter to you.

Coastal's position is that the proration units remain unchanged at 80 acres.

After a geological and engineering review of the Wolfcamp formation, it is our belief that one well would not drain 160 acres. Our position is that not only would the requested spacing require further stepouts for field development, thereby increasing the risk to the operators, it would also decrease the ultimate recovery of the field and leave behind reserves that would never be recovered. Furthermore, since the offset operator's well is not currently producing at the allowable for 80 acres, we can see no reason to change the spacing rules at this time.

Sincerely,

Arthur F. Oestmann
Assistant Vice President &
Exploration Manager

AF0:ljr

HINKLE, COX, EATON, COFFIELD & HENSLEY

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April 22, 1988

OF COUNSEL
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*NOT LICENSED IN NEW MEXICO

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

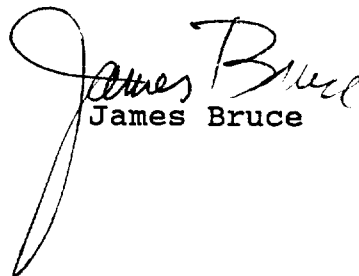
Re: Case No. 9354, The Application of Santa Fe Energy
Operating Partners, L.P. for Expansion of the
North Hume-Wolfcamp Pool and Amendment of Order
No. R-8476

Dear Mr. Catanach:

At the hearing in this matter it was stated that Santa Fe's Humble-Hume State Well No. 1, located in the SE 1/4 of Section 5 - T16S - R34E, was being completed in the Atoka formation before a completion would be attempted in the Wolfcamp formation. Due to that statement, Paul Kautz of the OCD office in Hobbs stated that the division was opposed to extending the North Hume - Wolfcamp Pool because the well was not completed in the Wolfcamp formation. Santa Fe has just informed me that the Humble - Hume well was not successfully completed in the Atoka, and has been recompleted in the Wolfcamp. Enclosed are copies of the well completion reports filed with the OCD in Hobbs. For this reason, we again request the extension of the subject pool to include lots 9, 10, 15 and 16, in the SE 1/4 of Section 5. Thank you for your consideration of this matter.

Very truly yours,

HINKLE, COX, EATON,
COFFIELD & HENSLEY


James Bruce

JGB/mh

Enclosures

WILLBROS DRILLING, INC.

INCLINATION REPORT

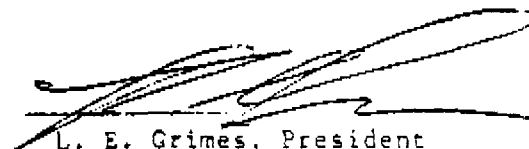
OPERATOR: Santa Fe Energy Operating Partners, L.P.
500 W. Illinois, Suite 500
Midland, Texas 79701

LOCATION: Humble Hume 5 State #
Lea County, New Mexico
1980' FEL & 660' FSL,
Section 5-16S-34E.

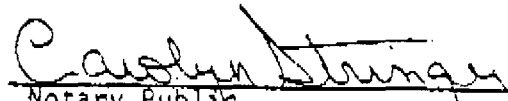
DEPTH FEET	INCLINATION DEGREES	DEPTH FEET	INCLINATION DEGREES	DEPTH FEET	INCLINATION DEGREES
322	3/4	6,231	2	9,768	1-3/4
457	1	6,385	2-1/4	9,922	2
600	1-1/4	6,477	2	10,097	1-1/4
860	3/4	6,571	2	10,509	1-1/4
1,417	1/2	6,727	2	11,020	2
1,788	3/4	6,910	1-3/4	11,454	3
2,286	1	7,095	2	11,671	3-3/4
2,747	1	7,318	2	11,764	3-3/4
3,176	1	7,813	1-1/2	11,888	4
3,676	1	8,348	1	12,042	4
4,173	1	8,741	2	12,220	4
4,451	1	8,925	2-1/4	12,351	3
4,800	3/4	9,113	1	12,616	3
5,040	1	9,299	1-1/2	13,010	2-3/4
5,610	3/4	9,482	2		
6,108	2	9,610	2		

COUNTY OF MIDLAND
STATE OF TEXAS

The undersigned states that he has knowledge of the facts and matter herein set forth and that the same are true and correct.


L. E. Grimes, President

SUBSCRIBED AND SWORN TO BEFORE ME THIS 17th day of March 1988


Notary Public

My commission expires: August, 1989

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.T.	
LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease
State ☒ Fee ☐
5. State Oil & Gas Lease No.

1. TYPE OF WELL
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐
2. TYPE OF COMPLETION
NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. REVE. ☐ OTHER ☐

7. Unit Agreement Name
8. Farm or Lease Name
HUMBLE HUME 5 STATE
9. Well No.
1
10. Field and Pool, or Wildcat
N. HUME WOLFCAMP

Name of Operator
SANTA FE ENERGY OPERATING PARTNERS, L.P.
Address of Operator
500 W. ILLINOIS, SUITE 500, MIDLAND, TEXAS 79701
Location of Well

11. LETTER W LOCATED 660 FEET FROM THE SOUTH LINE AND 1980 FEET FROM EAST LINE OF SEC. 5 TWP. 16S RGE. 34E N. H. 18. Elevation (DF, RKB, RT, CR, etc.) 4137.8 GL
12. County LEA

13. Date Spudded 1-26-88 16. Date T.D. Reached 3-08-88 17. Date Compl. (Ready to Prod.) 4-17-88 18. Elevations (DF, RKB, RT, CR, etc.) 4137.8 GL 19. Elev. Casinghead 4137.8
20. Total Depth 13,010' 21. Plug Back T.D. 12,415' 22. If Multiple Compl., How Many 23. Intervals Drilled By ALL 24. Cable Tools

25. Producing Interval(s), of this completion - Top, Bottom, Name 10,070-87' -- WOLFCAMP 26. Was Directional Survey Made No 27. Was Well Cored No

28. Type Electric and Other Logs Run DUAL LATERALOG, BHC ACOUSTILOG, DUAL INDUCTION, NEUTRON

CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	MOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	48	456	17-1/2"	475 SX CLASS C NEAT	--
8-5/8"	32	4,452	11 "	2150 SX PACESETTER & 350 SX CLASS C --	
5-1/2"	17	13,010	7-7/8"	1700 SX CL H + 1500 SX PACESETTER --	
DV TOOL 8605'					

LINER RECORD				TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8"	9954	9923

31. Perforation Record (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
12604-610 4 JPF, 13 HOLES		DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
12487-496 4 JPF, 37 HOLES		12604-610	Acid w/1000gal 7-1/2" MORROW A
10070-87 4 JPF, 37 HOLES		12487-496	SET CIBP @ 12,450 & CMT W/4 SX CMT

33. First Production 4-17- FLOWING 34. Production Method (Flowing, gas lift, pumping - Size and type pump) SI WOPL
35. Date of Test 4-18-88 36. Hours Tested 24 37. Choke size VARIOUS 38. Press. For Test Period 544 39. Oil - Bbl. 370 40. Gas - MCF 0 41. Water - Bbl. 680
42. Flow Tubing Press. 493 43. Casing Pressure 493 44. Estimated 24-Hour Rate 544 45. Oil - Bbl. 370 46. Gas - MCF 0 47. Water - Bbl. 42.9
48. Disposition of Gas (sold, used for fuel, vented, etc.) VENTED 49. Test Witnessed By

50. List of Attachments LOGS, DEVIATION SURVEY, C104
51. 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 Billie Hunt SR. PROD. CLERK 4-19-88

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radioactivity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 20 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

T. Anhy _____
T. Salt _____
H. Salt _____
T. Yates _____
T. 7 Rivers 3,506
T. Queen _____
T. Grayburg _____
T. San Andres 4,452
T. Glorieta _____
T. Paddock _____
T. Dinobry _____
T. Tubb 9,043
T. Drinkard _____
T. Abo _____
T. Wolfcamp 9,566
T. Penn _____
T. Cisco (Bough C) _____

T. Canyon _____
T. Strawn 11,857
T. Atoka 12,136
T. Miss 12,914
T. Devonian _____
T. Silurian _____
T. Montoya _____
T. Simpson _____
T. McKee _____
T. Ellenburger _____
T. Gr. Wash _____
T. Granite _____
T. Delaware Sand _____
T. Bone Springs 12,486
T. MORROW _____

Northwestern New Mexico

T. Ojo Alamo _____
T. Kinland-Fruitland _____
T. Pictured Cliffs _____
T. Cliff House _____
T. Menefee _____
T. Point Lookout _____
T. Mancos _____
T. Gallup _____
Base Greenhorn _____
T. Dakota _____
T. Morrison _____
T. Todillo _____
T. Entrada _____
T. Wingate _____
T. Chinle _____
T. Permian _____
T. Penn "A" _____

T. Penn. "B" _____
T. Penn. "C" _____
T. Penn. "D" _____
T. Leadville _____
T. Madison _____
T. Elbert _____
T. McCracken _____
T. Ignacio Qtzite _____
T. Granite _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____
No. 2, from _____ to _____
No. 3, from _____ to _____
No. 4, from _____ to _____
No. 5, from _____ to _____
No. 6, from _____ to _____

IMPORTANT WATER SANDS

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

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

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness In Feet	Formation	From	To	Thickness In Feet	Formation
0	1675	1675	RB				
1675	2953	1278	SALT & ANHYDRITE				
2953	3506	553	SD & ANHYDRITE				
3506	4050	544	SD, SH, ANHYDRITE				
4050	4452	402	DOLOMITE, SH				
4452	5049	597	DOLOMITE & ANHYDRITE				
5049	9844	4795	DOLOMITE, SD, SH, CHERT				
9844	11134	1290	LIME & SH				
11134	13010	1876	LIME, SH, SD, CHERT				

OIL CONSERVATION DIVISION
P. O. BOX 2000
SANTA FE, NEW MEXICO 87501

LAND OFFICE	
TRANSPORTER	
OPERATION	
PRODUCTION OFFICE	

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

SANTA FE ENERGY OPERATING PARTNERS, L.P.	
Address 500 W. ILLINOIS, SUITE 500, MIDLAND, TEXAS 79701	
Reason(s) for filing (Check proper box)	Other (Please explain)
New Well ☒	Change in Transporter of:
Permit Extension ☐	Oil ☐ Dry Gas ☐
Change in Ownership ☐	Casinghead Gas ☐ Condensate ☐

If change of ownership give name and address of previous owner _____

DESCRIPTION OF WELL AND LEASE				
Lessee Name HUMBLE HUME 5 STATE	Well No. 1	Pool Name, Including Formation NORTH HUME WOLFCAMP	Kind of Lease State, Federal or Fee	State STATE
Location				
Unit Letter W	660	Feet From The SOUTH	Line and 1980	Feet From The EAST
Line of Section 5	Township 16S	Range 34E	N.M.P.M. LEA	County

DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS				
Name of Authorized Transporter of Oil ☒ or Condensate ☐	Address (Give address to which approved copy of this form is to be sent)			
TEXACO TRADING TRANSPORTATION, INC.	P.O. BOX 6196, MIDLAND, TEXAS 79711			
Name of Authorized Transporter of Casinghead Gas ☐ or Dry Gas ☐	Address (Give address to which approved copy of this form is to be sent)			
If well produces oil or liquids, give location of tanks.	Unit W	Sec. 5	Twp. 16S	Rge. 34E
	Is gas actually connected?		When	
	No			

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

COMPLETION DATA				
Designate Type of Completion - (X)	Oil Well ☒	Gas Well ☐	New Well ☒	Workover ☐ Deepen ☐ Plug Back ☐ Same (test, drill, etc.) ☐
Date plugged 1-26-88	Date Compl. Ready to Prod. 4-17-88	Total Depth 13,010	P.B.T.D. 12,415	
Elevations (DF, R.B., AT, GR, etc.) 4137.8	Name of Producing Formation WOLFCAMP	Top Oil/Gas Pay 9,566	Tubing Depth 9,954	
Perforations 10,070-87			Depth Casing Shoe 13,010	
TUBING, CASING, AND CEMENTING RECORD				
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT	
17-1/2"	13-3/8"	456	475	
11 "	8-5/8"	4,452	2,500	
7-7/8"	5-1/2"	13,010	3,200	

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 able for this depth or be for full 24 hours)			
Date First New Oil Run To Tanks 4-17-88	Date of Test 4-18-88	Producing Method (Flow, pump, gas lift, etc.) FLOW	
Length of Test 24	Tubing Pressure 493	Casing Pressure -0-	Choke Size 18/64
Actual Prod. During Test	Oil - Bbls. 544	Water - Bbls. -0-	Gas - MCF 370

GAS WELL			
Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MCF	Gravity of Condensate
Testing Method (pilot, back pit)	Tubing Pressure (Shot-Log)	Casing Pressure (Shot-Log)	Choke Size

I. CERTIFICATE OF COMPLIANCE		OIL CONSERVATION DIVISION	
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.		APPROVED _____, 19 ____	
BY _____		BY _____	
TITLE _____		TITLE _____	
4-19-88		This form is to be filed in compliance with RULE 1100.	
SR. PROD. CLERK		If this is a request for allowable for a newly drilled or deep well, this form must be accompanied by a tabulation of the dev tests taken on the well in accordance with RULE 111.	
(Signature)		All enclosures of this form must be filled out completely for wells on new and recompleted wells.	
(Title)			