

High Plains Petroleum Corporation DIVISION

3860 Carlock Dr. Boulder, CO 80303 303-494-4529

1993 MAY 24 10 09 27

Roy

1769

May 19, 1993

Oil Conservation Division
P.O. Box 2088
Santa Fe, New Mexico 87504-2088
Attention: Mr. William LeMay
Director

Re: Northeast Hogback Unit
Approved by OCD Order No. R-1494

Dear Mr. LeMay,

It has come to our attention that certain information has failed to reach the Oil Conservation Division in Santa Fe. Consequently, the file on the Northeast Hogback Unit is incomplete and out-of-date. The purpose of this letter is to provide the information necessary to update the file so that it accurately reflects the present status of the unit.

Condor Oil Corporation is the owner and operator of the Northeast Hogback Unit. Condor purchased the interest previously owned by BHP Petroleum in October, 1990, and Condor took over operation of the unit from BHP effective February 1, 1991. C104 forms reflecting that change were filed for each of the active wells in the unit, so the OCD's well files are up-to-date.

A copy of Condor's Review of 1992 Operations and Plan of Development for 1993 is enclosed. That plan calls for the drilling of at least five (5) and as many as eight (8) infill wells, subject to the approval of unorthodox locations for those wells by the OCD.

If anything else is needed to complete the OCD's unit file, please let me know, and High Plains Petroleum, the contract operator for Condor, will furnish it to you.

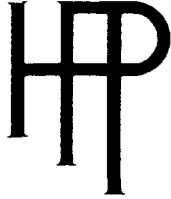
Sincerely,

John B. Somers II

John B. Somers II
President
High Plains Petroleum

Enclosures

cc: Mr. James Bruce
Hinkle, Cox, Eaton, Coffield & Hensley


 RECEIVED
 High Plains Petroleum Corporation

 3860 Carlock Dr. Boulder, CO 80303 303-494-4529
 93 MAR 31 AM 11:12

070 FARMINGTON, NM

March 26, 1993

APPROVED

 Bureau of Land Management
 Farmington Resource Area
 1235 LaPlata Hwy.
 Farmington, New Mexico 87401

 APR. 02 1993
 DATE

 CHIEF, BRANCH OF RESERVOIR
 MANAGEMENT

 Re: 1992 Review of Operations
 and 1993 Plan of Development
 Northeast Hogback Unit
 San Juan County, New Mexico

Gentlemen,

Condor Oil Corporation, the operator of the Northeast Hogback Unit, hereby submits a Review of 1992 Operations and a 1993 Plan of Development for the Bureau of Land Management's review and approval.

REVIEW OF 1992 OPERATIONS

Individual well's production of oil, water and gas for 1992, as reported to the Minerals Management Service by Condor Oil Corporation, are summarized on Table I. For the year, the unit produced a total of 12,540 barrels of oil, 78,740 barrels of water and 2820 thousand standard cubic feet of gas. Cumulative production through 12/31/92 for the wells shown on Table I was 2,003,047 barrels of oil, 2,693,909 barrels of water and 757,905 thousand cubic feet of gas.

Water volumes injected during 1992 and the cumulative volume of water injected to maintain pressure are listed on Table II.

The current status of all wells, except those that were plugged and abandoned prior to 1992, are shown on Table III. During 1992, Well No's 5,6 and 34 were recompleted, reequipped and restored to production. In addition, Well No. 26 was worked over to reopen the Upper Gallup and restored to production; the Lower Gallup was refrac'd in Well No. 40; and Well No. 29 was swab tested, and the results are being studied to determine what should be done with that well.

An explosion and fire of indeterminant origin destroyed the unit's water injection facilities, which have been replaced. Subsequently, vandalism has caused damage to pumping equipment and a spill at the central tank battery. To prevent such acts from causing any further unnecessary pollution, damage and expense, Condor has asked the BLM to put the property under surveillance.

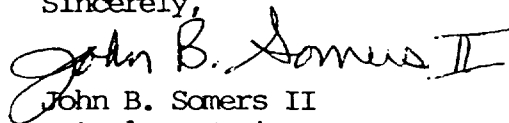
1993 PLAN OF DEVELOPMENT

A geological study has recently been completed and will be used to select eight (8) locations for infill wells to be drilled in the next 12 to 15 months. The first five wells will be drilled in 1993, as soon as they can be staked and permitted.

Well No. 33 is to be worked over to replace its pump and remove buildups of paraffin and scale. A magnetic paraffin and scale prevention tool is also to be tested in an attempt to solve those problems.

If there are any questions regarding this review and plan, please contact the undersigned.

Sincerely,



John B. Somers II
Petroleum Engineer
High Plains Petroleum
Contract Operator for Condor Oil Corp.

Attachments

cc: Condor Oil Corporation
Oil Conservation Division

TABLE I
 1992 PRODUCTION SUMMARY
 NORTHEAST HOGBACK UNIT
 SAN JUAN COUNTY, NEW MEXICO

Well No.	1992 Production		Cumulative Production thru 12/31/92	
	Oil (Bbls)	Water (Bbls)	Oil (Bbls)	Water (Bbls)
2	835	3093	63,594	43,178
5	789	5049	16,545	7930
6	562	2749	51,411	55,856
7	810	4542	67,401	41,095
8	1290	6528	193,329	328,104
21	141	984	21,041	22,909
22	186	946	14,572	33,236
26	1192	8525	233,442	1,075,437
27	609	4664	225,681	238,913
28	624	4199	126,264	51,516
33	621	4380	87,613	28,294
34	295	1760	33,907	4818
35	432	4796	105,302	70,412
36	788	6773	57,478	60,268
38	724	3738	237,315	170,215
39	703	5022	191,883	194,136
40	1201	5802	87,157	133,827
41	738	5190	106,961	68,964
46	0	0	82,151	64,801
	12,540	78,740	2,003,047	2,693,909
		2820		757,905

TABLE II

1992 INJECTION SUMMARY
NORTHEAST HOGBACK UNIT
SAN JUAN COUNTY, NEW MEXICO

<u>Well No.</u>	<u>1992 Injection Water (Bbls)</u>	<u>Cumulative Injection Through 12/31/92*</u> <u>Water (Bbls)</u>
29	0	21,123
31	0	81,749
37	78,740	1,361,181
TOTAL	<hr/> 78,740	<hr/> 1,464,053

* Excluding volumes injected by wells that were abandoned before BHP became operator in 1970.

TABLE III
WELL STATUS SUMMARY
NORTHEAST HOGBACK UNIT
SAN JUAN COUNTY, NEW MEXICO

<u>Well No.</u>	<u>Type Well</u>	<u>Status</u>	<u>Remarks</u>
1W	Water	Inactive	
2	Oil	Producing	
5	Oil	Producing	Recompleted 1/92
6	Oil	Producing	Recompleted 1/92
7	Oil	Producing	
8	Oil	Producing	
21	Oil	Producing	
22	Oil	Producing	
26	Oil	Producing	Production restored 1/92
27	Oil	Producing	
28	Oil	Producing	
29	Injection	Inactive	Swab tested 3/92
31	Injection	Active	Emergency use well
33	Oil	Producing	
34	Oil	Producing	Recompleted 2/92
35	Oil	Producing	
36	Oil	Producing	
37	Injection	Disposing	
38	Oil	Producing	
39	Oil	Producing	
40	Oil	Producing	Recompleted 1/92
41	Oil	Producing	
46	Oil	Shut-in	Last produced 10/77



High Plains Petroleum Corporation

3860 Carlock Dr. Boulder, CO 80303 303-494-4529

91 JUN 27 AM 11:05

019 FARMINGTON, N.M.
June 21, 1991

#1769

RECEIVED
JUN 27 1991

Bureau of Land Management
Farmington Resource Area
1235 LaPlata Highway
Farmington, New Mexico 87401

Re: 1990 Review of Operations
and 1991 Plan of Development
Northeast Hogback Unit
San Juan County, New Mexico

Gentlemen,

Condor Oil Corporation, as successor to BHP Petroleum (Americas) Inc. as the operator of the Northeast Hogback Unit, hereby submits for the Bureau of Land Management's review and approval a Review of 1990 Operations and a 1991 Plan of Development.

REVIEW OF 1990 OPERATIONS

Individual well's production of oil, water and gas for 1990, as reported to the Minerals Management Service by BHP Petroleum, are summarized on Table I. For the year, the unit produced a total of 13,608 barrels of oil, approximately 48,187 barrels of water and approximately 1833 thousand standard cubic feet of gas*. Cumulative production through 12/31/90 for the wells shown on Table I was 1,978,632 barrels of oil, 2,480,204 barrels of water and 751,655 thousand cubic feet of gas.

Water volumes injected during 1990 and the cumulative volume of water injected to maintain pressure are listed on Table II.

The current status of all wells except those that were plugged and abandoned prior to 1990 are shown on Table III. During 1990, there was no development activity in the unit, but there was a change of operator from BHP Petroleum to Condor Oil Corporation.

1991 PLAN OF DEVELOPMENT

Condor Oil, the new operator, plans to continue the reinjection of produced water into Well No. 37 and is considering the resumption of injection into Well No. 31 to stimulate Upper Gallup production along the southwest side of the unit. If economic conditions improve, full scale pressure maintenance and secondary recovery operations may be resumed, or even expanded. However, production from existing wells does not justify such a

APPROVED

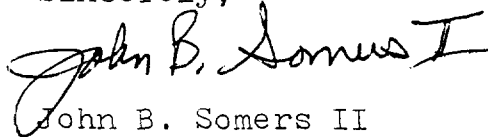
JUL 01 1991
[Signature]
AREA MANAGER

resumption, or expansion, at this time.

In 1991, Condor also plans to: (1) test Well No. 29 to determine if the installation of production equipment can be justified; (2) cleanout Well No. 26 and reopen the Upper Gallup to restore production from that shut-in well; (3) drill a replacement well for Well No. 24; and (4) drill at least 3 infill wells on 20 acre spacing at locations in the NE/4 of Section 10, the SE/4 of Section 10 and SW/4 of Section 11. Those infill wells are to be drilled to evaluate the feasibility of further infill development and secondary recovery in the parts of the unit in Sections 10 and 11. A geological study is being conducted to select the optimum locations for the three initial infill wells and the replacement well for Well No. 24.

If there are any questions regarding this Plan of Development, please contact the undersigned at 303-494-4529.

Sincerely,



John B. Somers II
Petroleum Engineer
High Plains Petroleum
Contract Operator for Condor Oil

cc: Condor Oil Corporation
Team Resources Corporation
Oil Conservation Division

* Only the 1990 oil production volumes are considered to be reliable, because there are discrepancies in the reported gas and water production and water injection for every month of 1990.

TABLE I

1990 PRODUCTION SUMMARY
 NORTHEAST HOGBACK UNIT
 SAN JUAN COUNTY, NEW MEXICO

Well No.	1990 Production			Cumulative Production thru 12/31/90		
	Oil (Bbls)	Water (Bbls)	Gas (Mcf)	Oil (Bbls)	Water (Bbls)	Gas (Mcf)
2	968	4285	262	61,735	37,149	13,622
5	0	0	0	15,756	2,881	8,035
6	0	0	0	50,849	53,107	20,693
7	968	4006	295	65,770	34,219	38,274
8	1909	5849	330	190,625	318,214	68,402
21	111	1491	2	20,525	19,833	8,092
22	104	1396	2	14,052	30,691	8,870
26	0	0	0	232,250	1,066,912	51,043
27	937	3941	0	224,368	231,349	57,380
28	994	2411	0	124,953	45,167	38,062
33	1143	3235	0	85,942	21,018	37,426
34	0	0	0	33,612	3,058	14,228
35	1055	3348	21	103,853	63,623	33,702
36	1142	3079	309	55,742	50,921	18,915
38	1527	3269	310	235,196	163,856	189,271
39	1025	4010	302	190,475	86,570	56,741
40	1022	4010	0	85,257	125,474	17,651
41	703	3857	0	105,521	61,361	36,133
46	0	0	0	82,151	64,801	35,115
Total	13,608	48,187	1833	1,978,632	2,480,204	751,655

TABLE II

1990 INJECTION SUMMARY
 NORTHEAST HOGBACK UNIT
 SAN JUAN COUNTY, NEW MEXICO

<u>Well No.</u>	<u>1990 Injection Water (Bbls)</u>	<u>Cumulative Injection Through 12/31/90* Water (Bbls)</u>
29	0	21,123
31	0	81,749
37	45,068	1,247,476
	<hr/>	<hr/>
TOTAL	45,068	1,350,348

* Excluding volumes injected by wells that were abandoned before BHP became operator in 1970.

TABLE III
WELL STATUS SUMMARY
NORTHEAST HOGBACK UNIT
SAN JUAN COUNTY, NEW MEXICO

Well No. *****	Type Well *****	Status *****	Remarks *****
1W	Water	Inactive	
2	Oil	Producing	
5	Oil	Shut-in	Last produced 4/76
6	Oil	Shut-in	Last produced 10/77
7	Oil	Producing	
8	Oil	Producing	
21	Oil	Producing	
22	Oil	Producing	
26	Oil	Shut-in	Last produced 10/89
27	Oil	Producing	
28	Oil	Producing	
29	Injection	Inactive	
31	Injection	Inactive	Emergency use well
33	Oil	Producing	
34	Oil	Shut-in	Last produced 2/78
35	Oil	Producing	
36	Oil	Producing	
37	Injection	Disposing	
38	Oil	Producing	
39	Oil	Producing	
40	Oil	Producing	
41	Oil	Producing	
46	Oil	Shut-in	Last produced 10/77

RECEIVED

JUL 26 1989

OIL CONSERVATION DIV
SANTA FE

Northeast Hogback Unit (POD)
3130 (019)

JUL 18 1989

BMP Petroleum
Attn: Daniel H. Sallee
One Civic Center Plaza
1560 Broadway, Suite 1900
Denver, CO 80202

Gentlemen:

One approved copy of your 1989 Plan of Development for the Northeast Hogback Unit area, San Juan County, New Mexico is enclosed. Such plan, proposing no additional development drilling or recompletions are planned for 1989 was approved on this date subject to like approval by the appropriate officials of the State of New Mexico.

The possibility of drainage by wells outside of the unit boundary may exist. You will be contacted at a later date about this possibility.

If you have any questions, please contact Gail Keller at the above address or telephone (505) 327-5344.

Sincerely,

/s/ John L. Keller

John Keller
Chief, Branch of Minerals

Enclosure

cc: New Mexico Oil Conservation Division, State Land Office Building,
P. O. Box 2088, Santa Fe, NM 87504
Commissioner of Public Lands, State of New Mexico, P. O. Box 1148,
Santa Fe, NM 87504



United States Department of the Interior

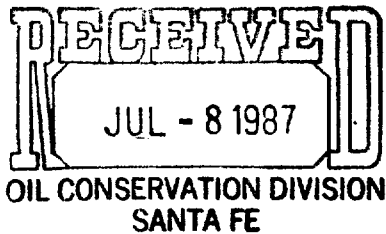
BUREAU OF LAND MANAGEMENT
ALBUQUERQUE DISTRICT OFFICE

435 Montano N.E.
Albuquerque, New Mexico 87107



IN REPLY REFER TO:

Northwest Hogback Unit
3180 (015) (POD)



JUN 30 1987

1769

BHP Petroleum
Attention: Mr. Paul W. Adam
5613 DTC Parkway
Suite 600
Englewood, CO 80111

Dear Mr. Adam:

One approved copy of your 1987 Plan of Development for the Northeast Hogback Unit area, San Juan County, New Mexico is enclosed. Such plan, proposing no development drilling in 1987 was approved on this date.

In the future, please submit three copies of all unit actions.

If you have any questions, please contact Shirley Bryant at the above address or telephone (505) 761-4503.

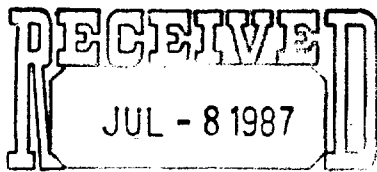
Sincerely,

(Orig. Signed) - Sid Vogelbach

Assistant District Manager
Mineral Resources

Enclosure

✓ NMOCD-Santa Fe



OIL CONSERVATION DIVISION
SANTA FE

JUN 20 1987

Northwest Hogback Unit
3180 (015) (POP)

BHP Petroleum
Attention: Mr. Paul W. Adam
5613 DTC Parkway
Suite 600
Englewood, CO 80111

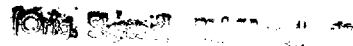
Dear Mr. Adam:

One approved copy of your 1987 Plan of Development for the Northeast Hogback Unit area, San Juan County, New Mexico is enclosed. Such plan, proposing no development drilling in 1987 was approved on this date.

In the future, please submit three copies of all unit actions.

If you have any questions, please contact Shirley Bryant at the above address or telephone (505) 761-4503.

Sincerely,



Assistant District Manager
Mineral Resources

Enclosure

cc:

NM-016

EMOCD, Santa Fe

Comm. of Pub. Lands, Santa Fe

015:SBryant:as:6/26/87:WANGID0152M:x4511

1769

MAY 17 1988

Northeast Hogback (TOD)
3150 (015)

SNP Petroleum
Attn: Paul Adam
Suite 600; 5613 DTC Parkway
Englewood, CO 80111

Gentlemen:

One approved copy of your 1987 Plan of Development for the Northeast Hogback Unit area, San Juan County, New Mexico is enclosed. Such plan, proposing no development drilling during 1988 was approved this date subject to like approval by the appropriate officials of the State of New Mexico.

Starting with the 1989 Plan of Development, please provide the following information in your annual Plan of Development.

1. A summary of operations for the past year which should include up-to-date maps showing the latest geologic interpretations, all wells and participating area boundaries. Should there be no changes from one year to another, reference may be made to the most recent map submitted.
2. A list showing the status of all wells.
3. Performance curves covering the productive life of each horizon under a participating area, including injectivity curves.
4. Your plans for development within the unit area for the next year.
5. Pertinent data as to the effectiveness of the enhanced recovery project (if applicable). This information should include data on current and cumulative water injection rates, current and cumulative water, gas, and oil production and current water-oil ratios. A short discussion as to the general progress of the flood and any significant changes in any phase of the project should also be included.

All plans of development are to be filed in triplicate.

If you have any questions, please contact Gail Keller at the above address or telephone (505) 761-4503.

Sincerely,

(ORIG. SGD.) ALLEN F. BUCKINGHAM

Assistant District Manager
Mineral Resources

Enclosure

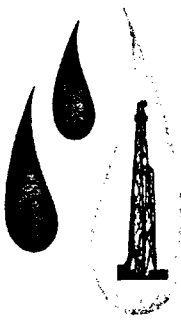
cc:

NM-019

✓ NMOCD, Santa Fe w/o encl.

Comm. of Pub. Lands, Santa Fe w/o encl.

015:CKeller:ag:5/13/88:0040M



CLINTON OIL COMPANY

217 NORTH WATER / WICHITA, KANSAS 67202 / 316 262-8231

Cable Address: CLINTOIL

March 18, 1971

1769

Director
United States Geological Survey
P. O. Drawer 1857
Roswell, New Mexico

Commissioner of Public Lands
State of New Mexico
Capitol Annex Building
Santa Fe, New Mexico

Bureau of Land Management
U. S. Post Office & Federal Bldg.
Box 1449
Santa Fe, New Mexico 87501

Joseph R. Abraham
1020 Mercantile Bank Building
Dallas, Texas 75201

Oil Conservation Commission
State of New Mexico
Capitol Annex Building
Santa Fe, New Mexico

Re: Revised Ownership Schedule
Northeast Hogback Unit
Gallup Participating Area
San Juan County, New Mexico

Gentlemen:

Attached is a Revised Ownership Schedule for the Northeast Hogback Unit showing participation percentages effective December 18, 1969, applicable to the Gallup Participating Area.

This revised schedule was occasioned by the withdrawal of Tract No. 20-A by El Paso Natural Gas Products Company and Colorado Oil and Gas Corporation pursuant to a relinquishment instrument dated November, 1969, and accepted by the Bureau of Land Management, Santa Fe, New Mexico, effective December 17, 1969.

Very truly yours,

Ron Watson
Staff Landman
Rocky Mountain Division

RW:reb

Encls.

REVISED OWNERSHIP SCHEDULE
 THE GALLUP PARTICIPATING AREA
 NORTHEAST HOGBACK UNIT
 SAN JUAN COUNTY, NEW MEXICO
 EFFECTIVE DECEMBER 18, 1969

<u>Tract No.</u>	<u>Description of Land</u>	<u>Serial No. and Date of Lease</u>	<u>Basic Royalty Owner % of 8/8</u>	<u>Owner of Record</u>	<u>Overrides & Production Payments %</u>	<u>Working Interest % of Lease</u>	<u>Acres</u>	<u>Percent Participation</u>
6	NW/4 Sec. 14-30N-16W	NM-04407 7-1-52	USA 12.50	Amoco Production Company	5.00	Clinton Oil Company	160.00	7.708614
7	N/2 SW/4 and SE/4 Sec. 14-30N-16W	NM-04407-A 7-1-52	USA 12.50	Amoco Production	4.00	Clinton Oil Company	240.00	11.562922
7	N/2 NW/4 Sec. 24-30N-16W	NM-04407-A 7-1-52	USA 12.50	Amoco Production	4.00	Clinton Oil Company	80.00	3.854307
11	Lot 1, SW/4 NE/4, NE/4 NW/4, NW/4 NE/4 Sec. 15-30N-16W	NM-04443 1-1-52	USA 12.50	Amoco Production	5.00	Clinton Oil Company	158.56	7.639237
13	NE/4 NE/4 Sec. 23-30N-16W	NM-04443-B 1-1-52	USA 12.50	Amoco Production	5.00	Clinton Oil Company	40.00	1.927154
13	NW/4 NE/4 Sec. 24-30N-16W	NM-04443-B 1-1-52	USA 12.50	Amoco Production	5.00	Clinton Oil Company	40.00	1.927154
15	W/2 NE/4 Sec. 14-30N-16W	NM-04444	USA 12.50	J. R. Abraham	3.00	J. R. Abraham	80.00	3.854307
16	S/2 SW/4 Sec. 13-30N-16W	NM-05859 8-1-51	USA 12.50	Amoco Production	3.00	Clinton Oil Company	80.00	3.854307
17	E/2 NE/4 Sec. 15-30N-16W	NM-06686 3-1-55	USA 12.50	Amoco Production	5.00	Clinton Oil Company	80.00	3.854307

OWNERSHIP SCHEDULE

<u>Tract No.</u>	<u>Description of Land</u>	<u>Serial No. and Date of Lease</u>	<u>Basic Royalty Owner % of 8/8</u>	<u>Owner of Record</u>	<u>Overrides & Production Payments %</u>	<u>Working Interest % of Lease</u>	<u>Acres</u>	<u>Percent Participation</u>
18	NW/4 SW/4 Sec. 12-30N-16W	SF-081298 10-1-51	USA 12.50	E1 Paso Natural Gas Products Co.	4.00	E1 Paso Natural Gas Products Co. Colorado Oil & Gas Corporation	50 (40.00)	0.00000
19	NW/4 SE/4 Sec. 13-30N-16W	SF-081298-A 10-1-51	USA 12.50	Amoco Production	5.00	Clinton Oil Company	100 40.00	1.927154
20	SW/4 NE/4, NE/4 SE/4 Sec. 11-30N-16W	SF-081299 10-1-51	USA 12.50	E1 Paso Natural Gas Products Co.	4.00	E1 Paso Natural Gas Products Co. Colorado Oil & Gas Corporation	50 (80.00)	0.00000
20	SW/4 SW/4 Sec. 12-30N-16W	SF-081299 10-1-51	USA 12.50	E1 Paso Natural Gas Products Co.	4.00	E1 Paso Natural Gas Products Co. Colorado Oil & Gas Corporation	50 (40.00)	0.00000
21-A	SW/4 SE/4 Sec. 13-30N-16W	SF-081299-A 10-1-51	USA 12.50	Amoco Production	5.00	Clinton Oil Company	100 40.00	1.927154
21-B	SW/4 NW/4, N/2 SW/4 Sec. 13-30N-16W	SF-081299-A 10-1-51	USA 12.50	Amoco Production	5.00	Clinton Oil Company	100 120.00	5.781461
21-C	NW/4 NW/4 Sec. 13 E/2 NE/4 Sec. 14 30N-16W	SF-081299-A 10-1-51	USA 12.50	Amoco Production	5.00	Clinton Oil Company	100 120.00	5.781461
35	NE/4 Sec. 10-30N-16W	NM-077281 7-1-52	USA 12.50	Amoco Production	5.00	Clinton Oil Company	100 160.00	7.708614
35	Lots 3 & 4, E/2 SW/4 Sec. 10-30N-16W	NM-077281 7-1-52	USA 12.50	Amoco Production	5.00	Clinton Oil Company	100 157.04	7.566005
36	NW/4, N/2 SW/4, SW/4 SW/4 Sec. 11-30N-16W	NM-077282 1-1-52	USA 12.50	Amoco Production	5.00	Clinton Oil Company	100 280.00	13.490075

OWNERSHIP SCHEDULE

Page 3

<u>Tract No.</u>	<u>Description of Land</u>	<u>Serial No. and Date of Lease</u>	<u>Basic Royalty Owner % of 8/8</u>	<u>Owner of Record</u>	<u>Overrides & Production Payments %</u>	<u>Working Interest Owner % of Lease</u>	<u>Acres</u>	<u>Percent Participation</u>
37	SE/4 SW/4 Sec. 11-30N-16W	NM-077283 1-1-52	USA 12.50	Amoco Production	5.00	Clinton Oil Company	40.00	1.927154
38	S/2 SE/4 Sec. 10-30N-16W	NM-077284 3-1-55	USA 12.50	Amoco Production	5.00	Clinton Oil Company	80.00	3.854307
39	N/2 SE/4 Sec. 10-30N-16W	NM-04444 4-1-52	USA 12.50	J. R. Abraham	3.00	J. R. Abraham	80.00	3.854307

Acres in () is not committed to Unit

RECAPITULATION

<u>Type of Acreage</u>	<u>Committed Acres</u>	<u>Uncommitted Acres</u>	<u>Total Acres</u>
Federal	2075.60	160.00	2235.60

REVISED OWNERSHIP SCHEDULE
 THE GALLUP PARTICIPATING AREA
 NORTHEAST HOGBACK UNIT
 SAN JUAN COUNTY, NEW MEXICO
 EFFECTIVE DECEMBER 18, 1969

<u>Tract No.</u>	<u>Description of Land</u>	<u>Serial No. and Date of Lease</u>	<u>Basic Royalty Owner % of 8/8</u>	<u>Owner of Record</u>	<u>Overrides \$ Production Payments %</u>	<u>Working Interest % of Lease</u>	<u>Acres</u>	<u>Percent Participation</u>
6	NW/4 Sec. 14-30N-16W	NM-04407 7-1-52	USA 12.50	Amoco Production Company	5.00	Clinton Oil Company	160.00	7.708614
7	N/2 SW/4 and SE/4 Sec. 14-30N-16W	NM-04407-A 7-1-52	USA 12.50	Amoco Production	4.00	Clinton Oil Company	240.00	11.562922
7	N/2 NW/4 Sec. 24-30N-16W	NM-04407-A 7-1-52	USA 12.50	Amoco Production	4.00	Clinton Oil Company	80.00	3.854307
11	Lot 1, SW/4 NE/4, NE/4 NW/4, NW/4 NE/4 Sec. 15-30N-16W	NM-04443 1-1-52	USA 12.50	Amoco Production	5.00	Clinton Oil Company	158.56	7.639237
13	NE/4 NE/4 Sec. 23-30N-16W	NM-04443-B 1-1-52	USA 12.50	Amoco Production	5.00	Clinton Oil Company	40.00	1.927154
13	NW/4 NE/4 Sec. 24-30N-16W	NM-04443-B 1-1-52	USA 12.50	Amoco Production	5.00	Clinton Oil Company	40.00	1.927154
15	W/2 NE/4 Sec. 14-30N-16W	NM-04444	USA 12.50	J. R. Abraham	3.00	J. R. Abraham	80.00	3.854307
16	S/2 SW/4 Sec. 13-30N-16W	NM-05859 8-1-51	USA 12.50	Amoco Production	3.00	Clinton Oil Company	80.00	3.854307
17	E/2 NE/4 Sec. 15-30N-16W	NM-06686 3-1-55	USA 12.50	Amoco Production	5.00	Clinton Oil Company	80.00	3.854307

OWNERSHIP SCHEDULE

<u>Tract No.</u>	<u>Description of Land</u>	<u>Serial No. and Date of Lease</u>	<u>Basic Royalty Owner % of 8/8</u>	<u>Owner of Record</u>	<u>Overrides & Production Payments %</u>	<u>Working Interest % of Lease</u>	<u>Acres</u>	<u>Percent Participation</u>
18	NW/4 SW/4 Sec. 12-30N-16W	SF-081298 10-1-51	USA 12.50	EI Paso Natural Gas Products Co.	4.00	EI Paso Natural Gas Products Co. Colorado Oil & Gas Corporation	50 (40.00)	0.00000
19	NW/4 SE/4 Sec. 13-30N-16W	SF-081298-A 10-1-51	USA 12.50	Amoco Production	5.00	Clinton Oil Company	100 40.00	1.927154
20	SW/4 NE/4, NE/4 SE/4 Sec. 11-30N-16W	SF-081299 10-1-51	USA 12.50	EI Paso Natural Gas Products Co.	4.00	EI Paso Natural Gas Products Co. Colorado Oil & Gas Corporation	50 (80.00)	0.00000
20	SW/4 SW/4 Sec. 12-30N-16W	SF-081299 10-1-51	USA 12.50	EI Paso Natural Gas Products Co.	4.00	EI Paso Natural Gas Products Co. Colorado Oil & Gas Corporation	50 (40.00)	0.00000
21-A	SW/4 SE/4 Sec. 13-30N-16W	SF-081299-A 10-1-51	USA 12.50	Amoco Production	5.00	Clinton Oil Company	100 40.00	1.927154
21-B	SW/4 NW/4, N/2 SW/4 Sec. 13-30N-16W	SF-081299-A 10-1-51	USA 12.50	Amoco Production	5.00	Clinton Oil Company	100 120.00	5.781461
21-C	NW/4 NW/4 Sec. 13 E/2 NE/4 Sec. 14 30N-16W	SF-081299-A 10-1-51	USA 12.50	Amoco Production	5.00	Clinton Oil Company	100 120.00	5.781461
35	NE/4 Sec. 10-30N-16W	NM-077281 7-1-52	USA 12.50	Amoco Production	5.00	Clinton Oil Company	100 160.00	7.708614
35	Lots 3 & 4, E/2 SW/4 Sec. 10-30N-16W	NM-077281 7-1-52	USA 12.50	Amoco Production	5.00	Clinton Oil Company	100 157.04	7.566005
36	NW/4, N/2 SW/4, SW/4 SW/4 Sec. 11-30N-16W	NM-077282 1-1-52	USA 12.50	Amoco Production	5.00	Clinton Oil Company	100 280.00	13.490075

OWNERSHIP SCHEDULE

Page 3

<u>Tract No.</u>	<u>Description of Land</u>	<u>Serial No. and Date of Lease</u>	<u>Basic Royalty Owner % of 8/8</u>	<u>Owner of Record</u>	<u>Overrides & Production Payments %</u>	<u>Working Interest Owner % of Lease</u>	<u>Acres</u>	<u>Percent Participation</u>
37	SE/4 SW/4 Sec. 11-30N-16W	NM-077283 1-1-52	USA 12.50	Amoco Production	5.00	Clinton Oil Company	40.00	1.927154
38	S/2 SE/4 Sec. 10-30N-16W	NM-077284 3-1-55	USA 12.50	Amoco Production	5.00	Clinton Oil Company	80.00	3.854307
39	N/2 SE/4 Sec. 10-30N-16W	NM-04444 4-1-52	USA 12.50	J. R. Abraham	3.00	J. R. Abraham	80.00	3.854307

Acreege in () is not committed to Unit

RECAPITULATION

<u>Type of Acreage</u>	<u>Committed Acres</u>	<u>Uncommitted Acres</u>	<u>Total Acres</u>
Federal	2075.60	160.00	2235.60



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
Drawer 1857
Roswell, New Mexico 88201

1769

March 13, 1969

MAR 13 1969

Pan American Petroleum Corporation
Security Life Building
Denver, Colorado 80202

Attention: Mr. T. M. Curtis

Gentlemen:

Your 1969 plan of development for the Northeast Hogback unit area, San Juan County, New Mexico, proposing no additional drilling and the continuation of the pressure maintenance project, has been approved on this date subject to like approval by the appropriate State officials.

Three approved copies of the plan are enclosed.

Sincerely yours,

(ORIG. SGD.) CARL C. TRAYWICK

CARL C. TRAYWICK
Acting Oil and Gas Supervisor

cc:
Washington (w/cy of plan)
Farmington (w/cy of plan)
NMOCC, Santa Fe (ltr. only) ✓
Com. of Pub. Lands, Santa Fe (ltr. only)

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

February 6, 1969

1769

Pan American Petroleum Corporation
Security Life Building
Denver, Colorado 80202

Attention: Mr. T. M. Curtis

Re: 1969 Plan of Development
Northeast Hogback Unit,
San Juan County, New Mexico

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the Plan of Development for the calendar year 1969 for the Northeast Hogback Unit, San Juan County, New Mexico, subject to like approval by the United States Geological Survey and the Commissioner of Public Lands of the State of New Mexico.

Two approved copies of the plan are returned herewith.

Very truly yours,

A. L. PORTER, Jr.
Secretary-Director

ALP/JEK/og
Enclosures

cc: Commissioner of Public Lands
Santa Fe, New Mexico

United States Geological Survey
Roswell, New Mexico

C
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MAIN OFFICE

'68 JAN 30 PM 12 3

January 28, 1969

**Pan American Petroleum Corporation
Security Life Building
Denver, Colorado 80202**

**Re: 1969 Plan of Development
Northeast Hogback Unit
San Juan County, New Mexico**

ATTENTION: Mr. T. M. Curtis

Gentlemen:

The Commissioner of Public Lands has this date approved your 1969 Plan of Development for the Northeast Hogback Unit, San Juan County, New Mexico, subject to like approval by the United States Geological Survey and the Oil Conservation Commission.

This plan calls for the drilling of no additional wells during 1969.

Enclosed is one approved copy of the plan.

Very truly yours,

**ALEX J. ARMIJO
COMMISSIONER OF PUBLIC LANDS**

**BY:
Ted Bilberry, Director
Oil and Gas Department**

**AJA/TE/ML/s
encl. 1.**

**cc: USGS-Roswell, New Mexico
OCC- Santa Fe, New Mexico**

C
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PAN AMERICAN PETROLEUM CORPORATION

PRODUCING DEPARTMENT
H. T. HUNTER
DIVISION PRODUCTION
MANAGER

SECURITY LIFE BUILDING
DENVER, COLORADO 80202

JAN 23 1969

January 23, 1969

File: TMC-26-416

Re: 1969 Plan of Development
Northeast Hogback Unit
San Juan County, New Mexico

DISTRICT SUPERINTENDENTS
W. M. JONES
A. E. PIPER
T. M. CURTIS
JOINT INTEREST
SUPERINTENDENT
S. B. RICHARDS

Director (6)
United States Geological Survey
P. O. Box 1857
Roswell, New Mexico 88201

Commissioner of Public Lands (3)
The State of New Mexico
State Land Office Building
Santa Fe, New Mexico 87501

Oil Conservation Commission of (3)
The State of New Mexico
P. O. Box 2088
Santa Fe, New Mexico 87501

All Working Interest Owners
(See Attached Addressee List)

Gentlemen:

In compliance with Section 10 of the Northeast Hogback Unit Agreement, designated No. 14-08-001-6674, dated December 18, 1959, Pan American Petroleum Corporation respectfully submits the 1969 Plan of Development.

History of Development - A total of 47 wells have been drilled in the Northeast Hogback Unit. Of these, 32 are Gallup producers, 12 are water injection wells and 3 are dry holes which have been abandoned.

Proposed Additional Wells - It is planned that no additional wells will be drilled during 1969. The Pressure Maintenance Project initiated in March 1962 will continue in operation in the Gallup Participating Area.

Modifications - This plan is dependent upon certain information to be obtained from Unit operations; therefore, it may be modified from time to time to meet changing conditions.

Effective Date - This Plan of Development shall be effective January 1, 1969, through December 31, 1969.

Yours very truly,



Attachments

APPROVED: _____ DATE: _____
Director, United States Geological Survey
(Subject to like approval by appropriate
State Officials)

APPROVED: _____ DATE: _____
Commissioner of Public Lands
(Subject to like approval by U.S.G.S.
and Oil Conservation Commission)

APPROVED: *A. L. Porter, Jr.* DATE: *Feb 6, 1969*
Oil Conservation Commission
(Subject to like approval by U.S.G.S.
and Commission of Public Lands)

NORTHEAST HOGBACK UNIT
WORKING INTEREST OWNER
ADDRESSEE LIST

Mr. J. R. Abraham
5517 Willow Lane
Dallas, Texas 75230

Brookhaven Oil Company
P. O. Box 1267
Scottsdale, Arizona 85252

Colorado Oil Company
P. O. Box 749
Denver, Colorado 80201
Attention: Mr. C. E. Titus

El Paso Products Company
P. O. Box 3986
Midland, Texas 79701
Attention: Mr. R. L. Hamblin

Mr. R. L. Harper
Waterflow,
New Mexico 87421

Northwest Production Corporation
P. O. Box 1796
El Paso, Texas 79999

Pubco Petroleum Corporation
P. O. Box 1419
Albuquerque, New Mexico 87103

Southern Petroleum Exploration, Inc. (2)
Sisterville, West Virginia 26175



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Drawer 1857
Roswell, New Mexico 88201

March 29, 1968

1769

Pan American Petroleum Corporation
Security Life Building
Denver, Colorado 80202

Attention: Mr. T. M. Curtis

Gentlemen:

Your 1968 plan of development for the Northeast Hogback unit area, San Juan County, New Mexico, proposing no additional drilling and the continuation of the pressure maintenance project, has been approved on this date subject to like approval by the appropriate State officials.

Three approved copies of the plan are enclosed.

Sincerely yours,

(ORIG. 568) BILLY J. SHOGER

BILLY J. SHOGER
Acting Oil and Gas Supervisor

APR 1 1968
AM 15

cc:
Washington (w/cy. of plan)
Farmington (w/cy. of plan)
NMOCC, Santa Fe (ltr. only) ✓
Com. of Pub. Lands, Santa Fe (ltr. only)

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

1769

March 18, 1968

Pan American Petroleum Corporation
Security Life Building
Denver, Colorado 80202

Attention: Mr. T. M. Curtis

Re: 1968 Plan of Development
Northeast Hogback Unit,
San Juan County, New Mexico

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the 1968 Plan of Development dated March 6, 1968, for the Northeast Hogback Unit, San Juan County, New Mexico, subject to like approval by the United States Geological Survey and the Commissioner of Public Lands of the State of New Mexico.

Two approved copies of the plan are returned herewith.

Very truly yours,

A. L. PORTER, Jr.
Secretary-Director

ALP/JEK/og

cc: Commissioner of Public Lands - Santa Fe
United States Geological Survey - Roswell

C

O

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Y

State of New Mexico



Commissioner of Public Lands

GUYTON B. HAYS
COMMISSIONER



March 14, 1968

P. O. BOX 1148
SANTA FE, NEW MEXICO

MAILED
'68 MAR 15

**Pan American Petroleum Corporation
Security Life Building
Denver, Colorado 80202**

**Re: Northeast Hogback Unit
San Juan County, New Mexico
1968 Plan of Development**

ATTENTION: Mr. T. M. Curtis

Gentlemen:

The Commissioner of Public Lands has this date approved your 1968 Plan of Development for the Northeast Hogback Unit, San Juan County, New Mexico, proposing the drilling of no additional wells.

This approval is subject to like approval by the United States Geological Survey and the Oil Conservation Commission.

We are retaining two copies of the plan and returning one copy for your files.

Very truly yours,

**GUYTON B. HAYS
COMMISSIONER OF PUBLIC LANDS**

**BY
Eddie Lopez, Supervisor
Unit Division**

**GBH/TE/EL/s
encls.**

**cc: USGS-Roswell, New Mexico
OCC- Santa Fe, New Mexico**

PAN AMERICAN PETROLEUM CORPORATION

SECURITY LIFE BUILDING
DENVER, COLORADO 80202

PRODUCING DEPARTMENT
H. T. HUNTER
DIVISION PRODUCTION
MANAGER

DISTRICT SUPERINTENDENTS
W. M. JONES
A. E. PIPER
T. M. CURTIS
JOINT INTEREST
SUPERINTENDENT
S. B. RICHARDS

March 6, 1968

File: TMC-86-416

Re: 1968 Plan of Development
Northeast Hogback Unit
San Juan County, New Mexico

Director (6)
United States Geological Survey
P. O. Box 1857
Roswell, New Mexico 88201

Commissioner of Public Lands
The State of New Mexico
State Land Office Building
Santa Fe, New Mexico 87501

Oil Conservation Commission of
The State of New Mexico (3)
P. O. Box 2088
Santa Fe, New Mexico 87501

All Working Interest Owners
(See Attached Addressee List)

Gentlemen:

In compliance with Section 10 of the Northeast Hogback Unit Agreement, designated No. 14-08-001-6674, dated December 18, 1959, Pan American Petroleum Corporation respectfully submits the 1968 Plan of Development.

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Modifications - This plan is dependent upon certain information to be obtained from unit operations, and therefore, it may be modified from time to time to meet changing conditions.

Effective Date - This Plan of Development shall be effective January 1, 1968, through December 31, 1968.

Yours very truly,



Attachments

APPROVED: _____ DATE: _____
Director, United States Geological Survey
(Subject to like approval by appropriate
State Officials)

APPROVED: _____ DATE: _____
Commissioner of Public Lands
(Subject to like approval by U.S.G.S.
and Oil Conservation Commission)

APPROVED: *A. G. Peter* DATE: *March 18, 1968*
Oil Conservation Commission
(Subject to like approval by U.S.G.S.
and Commission of Public Lands)

ADDRESSEE LIST

Mr. J. R. Abraham
5517 Willow Lane
Dallas, Texas 75230

Brookhaven Oil Company
P. O. Box 1267
Scottsdale, Arizona 85252

Colorado Oil Company
P. O. Box 749
Denver, Colorado 80201
Attention: Mr. C. E. Titus

El Paso Products Company
P. O. Box 3986
Midland, Texas 79701
Attention: Mr. R. L. Hamblin

Mr. R. L. Harper
Waterflow
New Mexico 87421

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El Paso, Texas 79999

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Sistersville
West Virginia 26175