



RAY B. POWELL
COMMISSIONER

State of New Mexico

OFFICE OF THE

Commissioner of Public Lands

Santa Fe

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

September 13, 1993

Snyder Oil Corporation
777 Main Street
Suite 2500
Ft. Worth, Texas 76102

Attention: Ms. Sabrina Bonner

Re: Resignation/Designation of Successor Unit Operator
Haley Chaveroo San Andres Unit
Chaves and Roosevelt Counties, New Mexico

Dear Ms. Bonner:

This office is in receipt of a designation of successor unit operator, wherein Snyder Oil Corporation has resigned as unit operator of the Haley Chaveroo San Andres Unit and designated Permian Resources, Inc. as the successor unit operator.

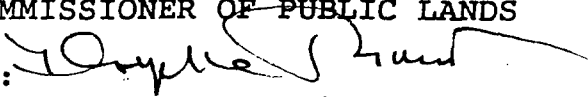
The Commissioner of Public Lands has this date approved the resignation of Snyder Oil Corporation and the designation of Permian Resources, Inc. as the successor unit operator of this unit. This change in operators is effective June 1, 1993. In accordance with this approval, Permian Resources, Inc. is now responsible for all operations and the reporting of all production from the unit.

If you have any questions, or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

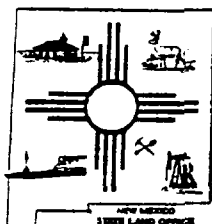
Very truly yours,

RAY B. POWELL, M.S., D.V.M.
COMMISSIONER OF PUBLIC LANDS

BY:


FLOYD O. PRANDO, Director
Oil/Gas and Minerals Division
(505) 827-5744
RBP/FOP/pm
encls.

cc: Reader File
Permian Resources
OCD
TRD



State of New Mexico
Commissioner of Public Lands

#9477

W. R. Humphries
COMMISSIONER

Advisory Board April 23, 1990

George Clark
Chairman

Kristin Conniff
Vice Chairman

Melvin Cordova

Joe Kelly

Robert Portillos

Nancy Lynch Vigil

Rex Wilson

Murphy Operating Corporation
P.O. Box 2648
Roswell, New Mexico 88202-2648

ATTN: Mr. Mark Murphy

RE: Haley Chaveroo San Andres Unit
1990 Plan of Development

Gentlemen:

The Commissioner of Public Lands has this date approved the 1990 Plan of Development for the Haley Chaveroo San Andres Unit. Our approval is subject to like approval by all other appropriate agencies.

The possibility of drainage by wells outside of the Unit Area and the need for further development of the Unit may exist. You will be contacted at a later date regarding these possibilities.

Enclosed is an approved copy of the 1990 Plan of Development for your files. If we may be of further help, please do not hesitate to contact this office at (505) 827-5746.

Very truly yours,

W.R. HUMPHRIES,
COMMISSIONER OF PUBLIC LANDS

BY:

Floyd O. Prando

FLOYD O. PRANDO, Director
Oil and Gas Division
(505) 827-5746

cc: OCD - Santa Fe, New Mexico
BLM
Unit Correspondence File
Unit P.O.D. File

WRH/FOP/SMH

UNIT NAME: HALEY CHAVEROO S/A UNIT

TYPE OF UNIT: WATERFLOOD

DESCRIPTION OF UNIT AREA

TOWNSHIP 7 SOUTH, RANGE 33 EAST

ALL OF SECTIONS 33 AND 34

TOWNSHIP 8 SOUTH, RANGE 33 EAST

ALL OF SECTION 3

(DESCRIPTION INCLUDES FIRST EXPANSION EFF: 2-1-89)

UNIT NAME: HALEY CHAVEROO S/A UNIT

COUNTY: CHAVES/ROOSEVELT

STATUS: ACTIVE

TYPE OF UNIT: WATERFLOOD

CODENAME: HALEY

SEG. CLAUSE: WILL EXTEND LEASE IF SHARING IN UNIT PRODUCTION

UNIT LOCATION: 7S 33E SECS 33, 34 8S 33E SEC. 3

TERM: SO LONG AS

AUTOMATIC ELIMINATION DATE:

APPROVAL DATES:

OCD CASE/ORDER/APP DATE: 9478 R-8760 10-5-88 EXP: 9589 R-8760 3-14-89

CPL: 09-30-88

STATE ACREAGE: 1,920.70

BLM:

FED/INDIAN ACREAGE: -0-

PAT. FEE INDIAN: -0-

EFF: 10-01-88

TOTAL ACREAGE: 1,920.70

WELL DUE:

C/D DUE:

POD/DUE:

POD/APP:

UNIT OPERATOR: MURPHY OPERATING CORP. P. O. 2648 ROSWELL, NM

UNIT NAME: HALEY CHAVEROO S/A UNIT

TYPE OF UNIT: WATERFLOOD

MISCELLENIOUS DATA

UNIT AREA EXPANDED TO INCLUDE NE/4SE/4, SW/4SW/4 3-8S-33E

80.00 ACRES APPROVED 3-16-89 EFF: 2-1-89

UNIT NAME: HALEY CHAMBERO S/A UNIT - WATERFLOOD
 OPERATOR: MURPHY OPERATING CORP.
 COUNTY: CHAVES/ROOSEVELT
 CODE: HALEY

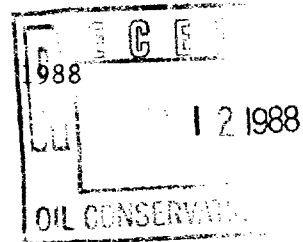
STATE LEASE TR. # NO.	INSTITUTION	SEC	TWP	RGE	SUBSECTION DESCRIPTION	RATIFIED		ACRES NOT RATIFIED		LESSEE
						DATE	ACRES	ACRES	RATIFIED	
1 E-9235-6	UNIV	33	07S	33E	W/2NE/4	08-16-88	80.00			MURPHY OPERATING CORP.
2 K-1369-3	UNIV UNIV	33 34	07S 07S	33E 33E	E/2NE/4, SE/4NW/4, NW/4SW/4, W/2SE/4, SE/4SE/4 NW/4NW/4, SW/4NE/4, NW/4SW/4, SE/4SW/4, N/2SE/4, SW/4SE/4	08-16-88	560.00			MURPHY OPERATING CORP.
3 K-3935-1	UNIV UNIV UNIV	33 34 34	07S 07S 07S	33E 33E 33E	N/2NW/4, SW/4NW/4, NE/4SW/4, S/2SW/4, NE/4SE/4 SW/4NW/4, E/2NW/4, N/2NE/4, SE/4NE/4, NE/4SW/4, SW/4SW/4, SE/4SE/4	09-02-88	640.00			SUN EXP. & PROD CORP.
4 OG-1195-2	UNIV	03	08S	33E	LOTS 1, 2, 3, 4, S/2NE/4, N/2SW/4, SE/4SW/4, W/2SE/4, SE/4SE/4	08-16-88	560.00			MURPHY OPERATING CORP.
5 K-2019	UNIV	03	08S	33E	NE/4SE/4, SW/4SW/4	01-31-89	80.00			MURPHY OPERATING CORP. (1ST EXPANSION)



MURPHY OPERATING CORPORATION
UNITED BANK PLAZA, SUITE 300
400 NORTH PENNSYLVANIA AVENUE
POST OFFICE BOX 2648
ROSWELL, NEW MEXICO 88202-2648

TELEPHONE
505 623-7210

December 7,



#9477

Mr. Mike Stogner
State of New Mexico
Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87501

Re: Haley Chaveroo San Andres Unit
Chaves & Roosevelt Counties, N.M.

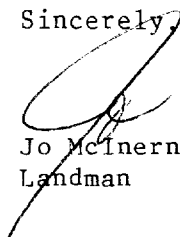
Dear Mike:

Pursuant to our conversation, enclosed is one copy of the Ratification of Agreements to the above captioned Unit which has been executed on behalf of P.A.J.W. Corporation effective October 1, 1988.

Also enclosed is our revised Exhibit "B" to the Unit Agreement which Agreement has been approved and is on file with the Oil Conservation Division of the State of New Mexico.

Please don't hesitate to contact me if you have any questions.

Sincerely,


Jo McInerney
Landman

JM:dr

Enclosures: as stated

RATIFICATION OF AGREEMENTS ENTITLED
"UNIT AGREEMENT" AND "UNIT OPERATING AGREEMENT"
HALEY CHAVEROO SAN ANDRES UNIT
CHAVES AND ROOSEVELT COUNTIES, NEW MEXICO

KNOW ALL MEN BY THESE PRESENTS, THAT:

WHEREAS, each of the undersigned owners of a working interest(s) hereby acknowledges receipt of a true and correct copy of that certain agreement dated August 15, 1988, entitled "Unit Agreement, Haley Chaveroo San Andres Unit, Counties of Chaves and Roosevelt, State of New Mexico" (hereinafter the "Unit Agreement") and a true and correct copy of that certain agreement dated August 15, 1988, entitled "Unit Operating Agreement, Haley Chaveroo San Andres Unit, Counties of Chaves and Roosevelt, State of New Mexico" (hereinafter the "Unit Operating Agreement"); and

WHEREAS, Exhibits "A" and "B", attached to and made a part of the Unit Agreement, identify the separately owned tracts which may become a part of the Haley Chaveroo San Andres Unit as initially constituted; and

WHEREAS, the undersigned represents that it is a Working Interest Owner, as defined in said Unit Agreement, in one or more of the Tracts identified by said Exhibits; and

WHEREAS, the undersigned Working Interest Owner, being familiar with the contents thereof, desires to ratify and confirm the Unit Agreement and the Unit Operating Agreement.

NOW THEREFORE, the undersigned, who is the owner of a working interest(s) does hereby ratify and confirm the Unit Agreement and the Unit Operating Agreement with respect to all of its interests in all of the separately owned Tracts identified by said Exhibits, thereby becoming a party thereto.

IN WITNESS WHEREOF, the undersigned party has executed this instrument this 1st day of October, 1988.

ATTEST:


John H. Slayton, Secretary

P.A.J.W. CORPORATION


Marc E. Leland, President

DISTRICT OF COLUMBIA)

The foregoing instrument was acknowledged before me this 11th day of October, 1988 by Marc E. Leland, President of P.A.J.W. CORPORATION, a Delaware corporation, on behalf of said corporation.

My commission expires:

December 14, 1989

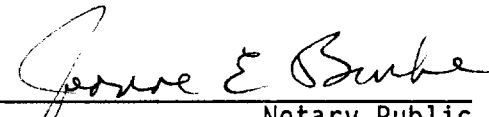
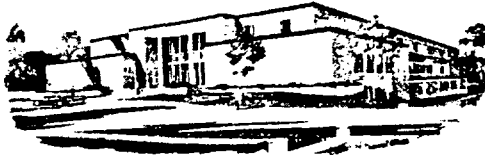

JOANNE BURKE, Notary Public

EXHIBIT "B" TO UNIT AGREEMENT
HALEY CHAVEROO SAN ANDRES UNIT
CHAVES AND ROOSEVELT COUNTIES, NEW MEXICO

Tract No.	Lease Name, Description of Land, and No. Acres	Serial No. & Lease Date	Lessee of Record	Basic Royalty & Percentage	Overriding Royalty		San Andres Production W.I. Ownership	W.I.	
					Owner or Production Payment Interest (PPI)	Percent Ownership		Percent Ownership	Percent Participation
1.	Hobbs U	E-9235-6 8/16/55	Murphy Operating Corporation	State of N.M. 12.5%	None		Murphy Operating Corporation American Energy Capital Corp. P.A.J.W Corporation	12.50000	0.661274
	56.25000							2.975730	
	31.25000							1.653184	
	100.00000							5.290188	
2.	Hobbs T	K-1369-3 4/18/61	Murphy Operating Corporation	State of N.M. 12.5%	None		Murphy Operating Corporation American Energy Capital Corp. P.A.J.W. Corporation	12.50000	4.517902
	56.25000							20.330558	
	31.25000							11.294755	
	100.00000							36.143215	
3.	State AZ	K-3935-1 2/18/64	Sun Operating Limited Partnership	State of N.M. 12.5%	None		Murphy Operating Corporation American Energy Capital Corp. P.A.J.W. Corporation	12.50000	4.282702
	56.25000							19.272160	
	31.25000							10.706756	
	100.00000							34.261618	
4.	State BF	OG-1195-2 8/20/57	Murphy Operating Corporation	State of N.M. 12.5%	None		Murphy Operating Corporation American Energy Capital Corp. P.A.J.W. Corporation	12.50000	3.038122
	56.25000							13.671551	
	31.25000							7.595306	
	100.00000							24.304979	

GRAND TOTAL

State of New Mexico



W.R. HUMPHRIES
COMMISSIONER

Commissioner of Public Lands

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

December 12, 1988

Murphy Operating Corporation
Attn: Ms. Jo McInerney
P. O. Box 2648
Roswell, New Mexico 88202-2648

Re: Haley Chaveroo San Andres Unit
Roosevelt & Chaves County, NM

Dear Jo:

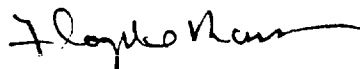
This office is in receipt of your letter of December 7, 1988, together with three executed Ratifications to the above Unit executed by P.A.J.W. Corporation and three copies of revised Exhibit "B" to the unit agreement.

Please be advised that the above mentioned instruments have this date been accepted and placed in our unit file.

If we may be of further help please do not hesitate to call on us.

Very truly yours,

W. R. HUMPHRIES
COMMISSIONER OF PUBLIC LANDS

BY: 
FLOYD O. PRANDO, Director
Oil and Gas Division
(505) 827-5744

WRH/FOP/pm
encls.
cc: OCD

State of New Mexico



W.R. HUMPHRIES
COMMISSIONER

Commissioner of Public Lands

March 16, 1989

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

Murphy Operating Corporation
Attn: Ms. Ann Murphy Ezzell, Esq.
P. O. Box 2648
Roswell, New Mexico 88202-2648

Re: Approval of Expansion
Haley Chaveroo San Andres Unit
Chaves County, New Mexico

Gentlemen:

The Commissioner of Public Lands has this date approved the expansion of the Haley Chaveroo San Andres Unit, Chaves and Roosevelt Counties, New Mexico. The Expanded Unit Area adds 80.00 acres to the Unit Area for a total of 1,920.70 unit acres and is described as the NE/4SE/4, SW/4SW/4 of Section 3, Township 8 South, Range 33 East, and is effective as of February 1, 1989.

Our approval is subject to like approval by the New Mexico Oil Conservation Division.

If we may be of further help please do not hesitate to call on us.

Very truly yours,

W. R. HUMPHRIES
COMMISSIONER OF PUBLIC LANDS

BY: *Floyd O. Prando*

FLOYD O. PRANDO, Director
Oil and Gas Division
(505) 827-5744

WRH/FOP/pm
encls.
cc: OCD



W.R. HUMPHRIES
COMMISSIONER

Commissioner of Public Lands

September 30, 1988

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

Murphy Operating Corporation
Attn: Ms. Ann Murphy Ezzell, Esq.
P. O. Box 2648
Roswell, New Mexico 88202-2648

Re: Final Approval
Haley Chaveroo San Andres Unit
Chaves & Roosevelt Counties, NM

Gentlemen:

The Commissioner of Public Lands has this date granted final approval to the Haley Chaveroo San Andres Unit, Chaves and Roosevelt Counties, New Mexico, together with your Initial Plan of Operation. The effective date is October 1, 1988 as per section 22 of your agreement. Our approval is subject to like approval by the New Mexico Oil Conservation Division.

Enclosed are Five (5) Certificates of Approval and the geological data you requested.

Your filing fee in the amount of \$90.00 has been received.

If we may be of further help please do not hesitate to call on us.

Very truly yours,

W. R. HUMPHRIES
COMMISSIONER OF PUBLIC LANDS

BY: *Floyd O. Prando*
FLOYD O. PRANDO, Director
Oil and Gas Division
(505) 827-5744

WRH/FOP/pm
encls.
cc: OCD

Unit Name HALEY CHAVEROO SAN ANDRES UNIT - WATERFLOOD
Operator MURPHY OPERATING CORP.
County CHAVES AND ROOSEVELT

DATE	OCC CASE NO. 9477	EFFECTIVE DATE	TOTAL ACREAGE	STATE	FEDERAL	INDIAN-FEE	SEGREGATION CLAUSE	TERM
APPROVED	OCC ORDER NO. R-8750							
OCD: 9/28/88		10/1/88	1,840.00	1,840.00	-0-	-0-	will extend leases if sharing in production	so lon
CPL: 9/30/88								

UNIT AREA

TOWNSHIP 7 SOUTH, RANGE 33 EAST

Sec. 34: All
Sec. 35: All

TOWNSHIP 8 SOUTH, RANGE 33 EAST

Sec. 3: N $\frac{1}{2}$, N $\frac{1}{2}$ SW $\frac{1}{4}$, SE $\frac{1}{4}$ SW $\frac{1}{4}$, W $\frac{1}{2}$ SE $\frac{1}{4}$, SE $\frac{1}{4}$ SE $\frac{1}{4}$

Unit Name HALEY CHAVEROO SAN ANDRES UNIT - WATERFLOOD
Operator MURPHY OPERATING CORP.
County CHAVES AND ROOSEVELT

STATE TRACT NO.	LEASE NO.	INSTI- TUTION	SEC.	TWP.	RGE.	SUBSECTION	RATIFIED		ACREAGE	LESSEE
							DATE	ACRES	NOT RATIFIED	
1.	E-9234-6	UNIV	33	7S	33E	W $\frac{1}{2}$ NE $\frac{1}{4}$	8/16/88	80.00		Murphy Operating Corp.
2.	K-1369-3	UNIV	33	7S	33E	E $\frac{1}{2}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$ NW $\frac{1}{4}$, NW $\frac{1}{4}$ SW $\frac{1}{4}$, W $\frac{1}{2}$ SE $\frac{1}{4}$, SE $\frac{1}{4}$ SE $\frac{1}{4}$				
		UNIV	34	7S	33E	NW $\frac{1}{4}$ NW $\frac{1}{4}$, SW $\frac{1}{4}$ NE $\frac{1}{4}$, NW $\frac{1}{4}$ SW $\frac{1}{4}$, SE $\frac{1}{4}$ SW $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$, SW $\frac{1}{4}$ SE $\frac{1}{4}$	8/16/88	560.00		Murphy Operating Corp.
3.	K-3935-1	UNIV	33	7S	33E	N $\frac{1}{2}$ NW $\frac{1}{4}$, SW $\frac{1}{4}$ NW $\frac{1}{4}$, NE $\frac{1}{4}$ SW $\frac{1}{4}$, S $\frac{1}{2}$ SW $\frac{1}{4}$, NE $\frac{1}{4}$ SE $\frac{1}{4}$				
		UNIV	34	7S	33E	SW $\frac{1}{4}$ NW $\frac{1}{4}$, E $\frac{1}{2}$ NW $\frac{1}{4}$, N $\frac{1}{2}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, NE $\frac{1}{4}$ SW $\frac{1}{4}$, SW $\frac{1}{4}$ SW $\frac{1}{4}$, SE $\frac{1}{4}$ SE $\frac{1}{4}$	8/16/88	640.00		Sun Operating Ltd Partnership
4.	OG-1195-2	UNIV	3	8S	33E	Lots 1,2,3,4, S $\frac{1}{2}$ N $\frac{1}{2}$, N $\frac{1}{2}$ SW $\frac{1}{4}$, SE $\frac{1}{4}$ SW $\frac{1}{4}$, W $\frac{1}{2}$ SE $\frac{1}{4}$, SE $\frac{1}{4}$ SE $\frac{1}{4}$	8/16/88	560.70		Murphy Operating Corp.