

ADOBE OIL & GAS CORPORATION

1100 WESTERN UNITED LIFE BLDG.
MIDLAND, TEXAS 79701
915 683-4701

SUBSIDIARIES
ADOBE COAL COMPANY
ADOBE HOLLAND INC
ADOBE INTERNATIONAL INC
ADOBE MARKETING CORPORATION
ADOBE MINING COMPANY
ADOBE ROYALTY INC
TELE 743413

Proposed East Tatum State Unit
Sections 25, 26, 35 & 36
Lea County, New Mexico

Geological Report

The captioned prospect is a re-entry of the Hilliard Oil & Gas #1-Phillips State well, located 990' from the east line and 660' from the north line of Section 35, T-12-S; R-36-E, Lea County, New Mexico. We propose to clean out this well to a depth of 13,400 feet, and test the Upper Mississippian porosity zones from 12,934 feet to 13,106 feet.

This prospect is a stratigraphic trap with the Upper Mississippian porosity present in the Hilliard well, but absent up dip in the Cameron #1-State (Sec. 15), Sunray #1-Adams (Sec. 29), and the Crown Central #1-Lowe (Sec. 3). Two and one half miles south of the Hilliard well, the Freeport #1-State (Sec. 11) has only 2%-3% porosity in the Upper Mississippian. (See cross section.) The Upper Mississippian is productive 10 miles to the southwest in the Austin Mississippian Field, which now has three wells completed from this zone with additional wells being drilled at present. Included with this report is a North-South cross section extending from the Austin area to the Hilliard well, showing the porosity zone to be the same as in the Phillips #1-Austin State.

Enc: 2 Maps contoured on Upper Mississippian
2 Cross Sections

State of New Mexico



Commissioner of Public Lands

May 14, 1979

ALEX J. ARMIJO
COMMISSIONER

P. O. BOX 1148
SANTA FE, NEW MEXICO 87501

Mr. W. Wayne Gill
P. O. Box 3729
Midland, Texas 79702

6521

Re: East Tatum Unit
Lea County, New Mexico

Dear Mr. Gill:

The Commissioner of Public Lands has this date approved the East Tatum Unit, Lea County, New Mexico, which you submitted on behalf of Adobe Oil & Gas Corporation. The effective date to be as of March 5, 1979, which is the date of your agreement.

Enclosed are Five (5) Certificates of approval.

The filing fee for this unit was received March 5, 1979.

Very truly yours,

ALEX J. ARMIJO
COMMISSIONER OF PUBLIC LANDS

BY:
RAY D. GRAHAM, Director
Oil and Gas Division

AJA/RDG/s

encls.

cc: OCD-Santa Fe, New Mexico

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

Unit Name EAST TATUM STATE UNIT (EXPLORATORY)
Operator ADOBE OIL & GAS CORPORATION
County LEA

DATE	OCC CASE NO. (6521)	EFFECTIVE DATE	TOTAL ACREAGE	STATE	FEDERAL	INDIAN-FEE	SEGREGATION CLAUSE	TERM
APPROVED	OCC ORDER NO. R-5992	DATE						
Commissioner	Commission	3-5-79	2,560.00	2,560.00	-0-	-0-	Yes	2 yrs.
5-14-79	4-25-79							

UNIT AREA

TOWNSHIP 12 SOUTH, RANGE 36 EAST, NMPM
Sections 25 and 26: All
Sections 35 and 36: All

TERMINATED
48 9-24-79

Unit Name EAST TATUM STATE UNIT (EXPLORATORY)
Operator ADOBE OIL & GAS CORPORATION
County IEA

STATE TRACT NO.	LEASE NO.	INSTI-TUTION	SEC.	TWP.	RGE.	SUBSECTION	RATIFIED DATE	ACRES	ACREAGE NOT RATIFIED	LESSEE
1.	L-2935	C.S.	36	12S	36E	W/2	4-6-79	320.00		Phillips Pet. Co.
2.	L-3661-2	C.S.	36	12S	36E	E/2	3-12-79	320.00		Sabine Prod. Co.
3.	L-4251	C.S.	26	12S	36E	SW/4, E/2SE/4	4-6-79	240.00		Phillips Pet. Co.
4.	L-4328	C.S.	25	12S	36E	E/2NW/4, W/2NE/4, NW/4SW/4	4-6-79	200.00		Phillips Pet. Co.
5.	L-6877	C.S.	35	12S	36E	E/2	4-6-79	320.00		Phillips Pet. Co.
6.	LG-4448-1	C.S.	25	12S	36E	SE/4, E/2SW/4, SW/4SW/4	3-8-79	280.00		Hilliard Oil & Gas
6-A.	LG-4448-1	C.S.	26	12S	36E	NE/4, W/2SE/4	3-8-79	240.00		Hilliard Oil & Gas
7.	LG-4451-1	C.S.	35	12S	36E	W/2	3-8-79	320.00		Hilliard Oil & Gas
8.	LG-4528	C.S.	25	12S	36E	E/2NE/4, W/2NW/4	3-21-79	160.00		Yates Petroleum Corp.
9.	LG-4529	C.S.	26	12S	36E	NW/4	3-21-79	160.00		Yates Petroleum Corp.

TERMINATED

300. 9-26-79