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LAND OFFICE	
TRANSPORTER	OIL GAS
PRODUCTION OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

**CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS**

FORM C-110
(Rev. 7-60)

FILE THE ORIGINAL AND 4 COPIES WITH THE APPROPRIATE OFFICE

Company or Operator V. S. WELCH				Lease SHUGART D		Well No. 3-0	
Unit Letter E	Section 30	Township 18S	Range 31E	County EDDY			
Pool SHUGART				Kind of Lease (State Fed Fee) FEDERAL			
If well produces oil or condensate give location of tanks			Unit Letter F	Section 30	Township 18S	Range 31E	
Authorized transporter of oil ☒ or condensate ☐ TEXAS NEW MEXICO P. L. Co.				Address (give address to which approved copy of this form is to be sent) MIDLAND, TEXAS			
Is Gas Actually Connected? Yes ☐ No ☒							
Authorized transporter of casing head gas ☒ or dry gas ☐			Date Connected 2/1/63	Address (give address to which approved copy of this form is to be sent) BARTLESVILLE, OKLAHOMA			
PHILLIPS PETROLEUM Co.							

If gas is not being sold, give reasons and also explain its present disposition:

REASON(S) FOR FILING (please check proper box)

New Well ☐ Change in Ownership ☐
Change in Transporter (check one) Other (explain below)
Oil ☐ Dry Gas ☐
Casing head gas ☒ Condensate ☐

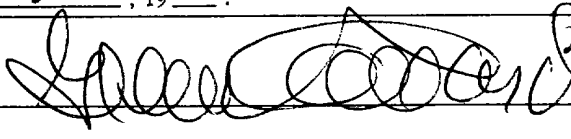
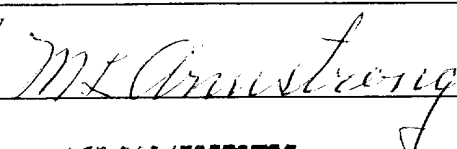
RECEIVED
JAN 10 1964
O. C. C.
ARTESIA OFFICE

Remarks

**THE PURPOSE OF THIS REPORT IS TO SHOW PHILLIPS PETROLEUM Co.
AS GAS PURCHASER.**

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the **3RD** day of **JANUARY, 1964**

OIL CONSERVATION COMMISSION		By 
Approved by 	Title AGENT	
Title ASST. GAS INSPECTOR	Company V. S. WELCH DRAWER W	
Date JAN 13 1964	Address ARTESIA, NEW MEXICO	

1. *Chlorophyll a* and *Chlorophyll b* contents were determined by the method of Arar and Cook (1980).

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

FOR THE WEST COAST ONLY

[illegible]

OUT OR GAS SANDS ON EXHIBIT

[illegible]

SECRETARY OF DEFENSE

of _____ dated _____

of _____ dated _____

THEORY OF ORBITALS

Year	Through the year	At the end of the year	Amount	Percentage of total	Percentage of total	Percentage of total
1990	100	100	100	100	100	100
1991	100	100	100	100	100	100
1992	100	100	100	100	100	100
1993	100	100	100	100	100	100
1994	100	100	100	100	100	100
1995	100	100	100	100	100	100
1996	100	100	100	100	100	100
1997	100	100	100	100	100	100
1998	100	100	100	100	100	100
1999	100	100	100	100	100	100
2000	100	100	100	100	100	100
2001	100	100	100	100	100	100
2002	100	100	100	100	100	100
2003	100	100	100	100	100	100
2004	100	100	100	100	100	100
2005	100	100	100	100	100	100
2006	100	100	100	100	100	100
2007	100	100	100	100	100	100
2008	100	100	100	100	100	100
2009	100	100	100	100	100	100
2010	100	100	100	100	100	100
2011	100	100	100	100	100	100
2012	100	100	100	100	100	100
2013	100	100	100	100	100	100
2014	100	100	100	100	100	100
2015	100	100	100	100	100	100
2016	100	100	100	100	100	100
2017	100	100	100	100	100	100
2018	100	100	100	100	100	100
2019	100	100	100	100	100	100
2020	100	100	100	100	100	100
2021	100	100	100	100	100	100
2022	100	100	100	100	100	100
2023	100	100	100	100	100	100
2024	100	100	100	100	100	100
2025	100	100	100	100	100	100
2026	100	100	100	100	100	100
2027	100	100	100	100	100	100
2028	100	100	100	100	100	100
2029	100	100	100	100	100	100
2030	100	100	100	100	100	100
2031	100	100	100	100	100	100
2032	100	100	100	100	100	100
2033	100	100	100	100	100	100
2034	100	100	100	100	100	100
2035	100	100	100	100	100	100
2036	100	100	100	100	100	100
2037	100	100	100	100	100	100
2038	100	100	100	100	100	100
2039	100	100	100	100	100	100
2040	100	100	100	100	100	100
2041	100	100	100	100	100	100
2042	100	100	100	100	100	100
2043	100	100	100	100	100	100
2044	100	100	100	100	100	100
2045	100	100	100	100	100	100
2046	100	100	100	100	100	100

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "dredged" or left in the well, give its size and location. If the well has been dynamited, give date, position, and depth of shot. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or balling of shot.

HISTORY OF OIL OR GAS WELL

16-50000-2 U. S. GOVERNMENT PRINTING OFFICE

FROM-	TO-	TOTAL FEET	FORMATION
	470	710	RED BEDS
	710	1800	ANY.
	1800	2330	SALT
	2330	3123	ANY.
	3123	3160	RED SAND
	3160	3381	LIME
	3381	3393	SAND
	3393	3434	LIME
	3434	3443	SAND
	3443	3540	LIME
	3540	3555	SAND
	3555	3665	3RD LIME
	3665	3745	LIME
	3745	3790	SAND
	3790	3854	LIME T.D.
GEOLOGIC TOPS:			
	485		TOP OF ANY.
	720		TOP OF SALT
	1805		BASE OF SALT
	2090		TOP OF LATER
	2430		TOP OF SEVEN RIVERS
	3110		TOP OF GREEN
	3364		TOP OF LAMBERT
	3608		TOP OF GRAYBURG
Rock pressure, lbs. per sq. in. In gas well, cut 15 per sq. in. No water; and 175 production for the first 24 hours was Put to producing DATES Of the tools were used from Of the tools were used from TOOLS USED SHOOTING RECORD DEPTH AND PLUGS AND CEMENTS DEPTH AND			