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U.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL /
	GAS /
OPERATOR	/
PRORATION OFFICE	

NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104
Supersedes Old C-104 and C-110
Effective 1-1-65

(DEVIATION SURVEYS- BACK SIDE)

RECEIVED

NAME CHANGED: FROM: PAN AMERICAN PETR. CORP. TO: AMOCO PRODUCTION CO. EFFECTIVE: 2-1-71		JUL 16 1970
Operator PAN AMERICAN PETROLEUM CORPORATION		
Address BOX 68, HOBBS, N. M. 88240		
Reason(s) for filing (Check proper box)	Other (Please explain)	
New Well ☒	Change in Transporter of: Oil ☐ Dry Gas ☐ Casinghead Gas ☐ Condensate ☐	REPLACEMENT WELL FOR MALCO K-2 CANCEL ALLOWABLE FOR WELL No. 2
Recompletion ☐		
Change in Ownership ☐		

If change of ownership give name and address of previous owner
* Gas Transporter Name Changed:
From: Pan American Petroleum Corp.
To: Amoco Production Co.,

Lease Name MALCO "K" Federal	Well No. 3	Pool Name, including Formation EMPIRE ABO	Kind of Lease State, Federal or Fee Fed	Lease No. LC-065478(b)
Location Unit Letter O, 985.5 Feet From The SOUTH Line and 1643.4 Feet From The EAST Line of Section 9 Township 18-S Range 27-E, NMPM, EDDY County				

Name of Authorized Transporter of Oil ☒ or Condensate ☐ AMOCO PIPE LINE Co		Address (Give address to which approved copy of this form is to be sent) 3411 KNOXVILLE LUBBOCK TEXAS		
Name of Authorized Transporter of Casinghead Gas ☒ or Dry Gas ☐ * PAN AMERICAN PETROLEUM CORPORATION (EAGP)		Address (Give address to which approved copy of this form is to be sent) BOX 68, HOBBS, N. M. 88240		
If well produces oil or liquids, give location of tanks. SW/4 SW/4	Unit M	Sec. 3	Twp. 18	Rge. 27
Is gas actually connected?		When		
YES		7-5-70		

If this production is commingled with that from any other lease or pool, give commingling order number: PLC-27

Designate Type of Completion - (X)		Oil Well ☒	Gas Well ☐	New Well ☒	Workover ☐	Deepen ☐	Plug Back ☐	Same Res'v. ☐	Diff. Res'v. ☐
Date Spudded 6-12-70	Date Compl. Ready to Prod. 7-5-70	Total Depth 5950		P.B.T.D. 5915					
Elevations (DF, RKB, RT, GR, etc.) 3508 R.D.S.	Name of Producing Formation Abo	Top Oil/Gas Pay 5330		Tubing Depth 5885					
Perforations 5864-84' w/2JSPF		Depth Casing Shoe 5950							
TUBING, CASING, AND CEMENTING RECORD									
HOLE SIZE 11"	CASING & TUBING SIZE 8 7/8"		DEPTH SET 1495'		SACKS CEMENT 750				
7 7/8"	4 1/2"		5950'		300				
	2 3/8"		5885						

V. TEST DATA AND REQUEST FOR ALLOWABLE (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks 7-5-70	Date of Test 7-14-70	Producing Method (Flow, pump, gas lift, etc.) PUMPING	
Length of Test 24	Tubing Pressure -	Casing Pressure 890	Choke Size -
Actual Prod. During Test 213	Oil-Bbls. 163	Water-Bbls. 50 BLW	Gas-MCF NA

GAS WELL			
Actual Prod. Gas-MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pump, jack pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

VI. CERTIFICATE OF COMPLIANCE
I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

04-4-NMOC-Act
LHCC
- COP
- RRY
- PIC
(Signature)
AREA SUPERINTENDENT
(Title)
JUL 15 1970
(Date)

OIL CONSERVATION COMMISSION
APPROVED JUL 17 1970
BY W. A. Gressett
TITLE OIL AND GAS INSPECTOR

This form is to be filed in compliance with RULE 1104.
If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.
All sections of this form must be filled out completely for allowable on new and recompleted wells.
Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.
Separate Forms C-104 must be filed for each pool in multiply completed wells.

DEVIATION SURVEYS

<u>DEPTH</u>	<u>DEGREES</u>
494	$\frac{1}{4}$
991	$\frac{1}{2}$
1211	$\frac{3}{4}$
1495	"
1647	"
2122	"
2398	1-
2794	2-
3055	$2\frac{1}{4}$
3242	"
3616	$2\frac{1}{2}$
3743	"
3828	$2\frac{3}{4}$
3963	"
4075	"
4240	$2\frac{1}{4}$
4428	$2\frac{3}{4}$
4598	3°
4668	"
4865	$3\frac{1}{2}$
4976	"
5255	$3\frac{1}{4}$
5424	$3\frac{1}{2}$
5536	$3\frac{3}{4}$
5645	$3\frac{1}{2}$
5950	$4\frac{1}{4}$

The above are true to the best of my knowledge.

Sworn to this date, July 15, 1970.

DR W Jearhead
Notary Public In & For Lea Co. N.M.
My Commission Expires 6-18-72