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	GAS	/
OPERATOR		
PRORATION OFFICE		

NEW MEXICO OIL CONSERVATION COMMISSION  
REQUEST FOR ALLOWABLE  
AND

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

AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Eff. 2-1-71,  
Pan American Petro. Corp.  
has changed its name to  
AMOCO PROD. CO.

Operator <b>PAN AMERICAN PETROLEUM CORPORATION</b>	
Address <b>P. O. Box 480, Farmington, New Mexico</b>	
Reason(s) for filing (Check proper box)	
New Well <input checked="" type="checkbox"/>	Change in Transporter of:
Recompletion <input type="checkbox"/>	Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/>
Change in Ownership <input type="checkbox"/>	Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>

If change of ownership give name  
and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name <b>Likins Gas Unit "A"</b>	Well No. <b>3</b>	Pool Name, Including Formation <b>Basin Dakota</b>	Kind of Lease State, Federal or Fee	Fee
Location				
Unit Letter <b>N</b>	<b>1190</b>	Feet From The <b>South</b>	<b>1105</b>	Feet From The <b>West</b>
Line of Section <b>34</b>	Township <b>30-N</b>	Range <b>9-W</b>	<b>San Juan</b>	County

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent) <b>P. O. Box 108, Farmington, New Mexico</b>			
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent) <b>P. O. Box 990, Farmington, New Mexico</b>			
If well produces oil or liquids, give location of tanks.	Unit <b>N</b>	Sec. <b>34</b>	Twp. <b>30-N</b>	Rge. <b>9-W</b>
	Is gas actually connected?		When	
	<b>No</b>			

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

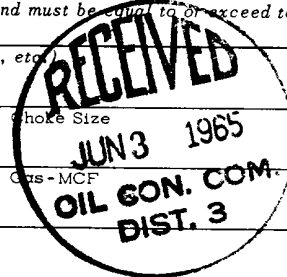
IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'tv.	Diff. Res'tv.
Date Spudded <b>April 1, 1965</b>	Date Compl. Ready to Prod. <b>May 26, 1965</b>	Total Depth <b>6962'</b>	P.B.T.D. <b>6928'</b>					
Pool <b>Basin Dakota</b>	Name of Producing Formation <b>Dakota</b>	Top Oil/Gas Pay <b>6740'</b>	Tubing Depth <b>6734'</b>					
Perforations <b>6850-74 with 2 Shots per Foot.</b> <b>6742-66 with 2 Shots per foot.</b>		Depth Casing Shoe <b>6962'</b>						
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			
<b>13-3/4"</b>	<b>10-3/4"</b>		<b>291'</b>		<b>225</b>			
<b>9-7/8"</b>	<b>7-5/8"</b>		<b>2540'</b>		<b>600</b>			
<b>6-3/4"</b>	<b>4-1/2"</b>		<b>6962'</b>		<b>500</b>			
	<b>2-3/8"</b>		<b>6734'</b>					

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL

(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	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil-Bbls.	Water-Bbls.	Gas-MCF



GAS WELL

Actual Prod. Test-MCF/D <b>2650</b>	Length of Test <b>3</b>	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pitot, back pr.) <b>Back Pressure</b>	Tubing Pressure <b>210</b>	Casing Pressure <b>575</b>	Choke Size <b>3/4"</b>

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.

ORIGINAL SIGNED BY  
**L. R. Turner**

(Signature)

**Administrative Clerk**

(Title)

**May 28, 1965**

(Date)

OIL CONSERVATION COMMISSION

APPROVED **JUN 3 1965**, 19

BY **Original Signed Emery C. Arnold**

TITLE **Supervisor Dist. # 8**

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 Sections I, II, III, and VI only 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.

PAN AMERICAN PETROLEUM CORPORATION  
 LIKINS GAS UNIT "A" NO. 3

<u>DEPTH</u>	<u>DEVIATION</u>
291	1/4 °
777	1/2
1241	1/2
1396	3/4
1707	1/2
2048	1/2
2540	3/4
2935	1-1/4
3345	1
3690	1
4175	3/4
4500	3/4
4930	1/2
5400	1/4
5835	1/2
6235	1
6635	1-1/4

THIS IS TO CERTIFY that to the best of my knowledge the above tabulation details the deviation test taken on PAN AMERICAN PETROLEUM CORPORATION'S Likins Gas Unit "A" No. 3 located in SE 1/4 of SW 1/4 Section 34, T-30-N, R-9-W, San Juan County, New Mexico.

**Petroleum Engineer**  
**District**

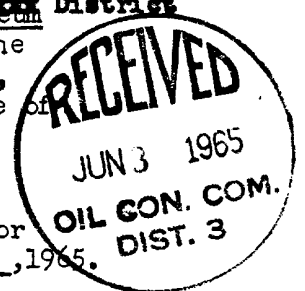
THE STATE OF NEW MEXICO )  
 ) SS.  
COUNTY OF SAN JUAN )

BEFORE ME, the undersigned authority, on this day personally appeared Fred L. Nabors known to me to be Petroleum District Engineer for Pan American Petroleum Corporation and to be the person whose name is subscribed to the above statement, who, being by me duly sworn on oath, states that he has knowledge of the facts stated herein and that said statement is true and correct.

SUBSCRIBED AND SWORN TO before me, a Notary Public in and for said County and State this 28th day of May, 1965.

Notary Public

My Commission Expires February 23, 1969.



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