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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 - BACKSIDE)

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 ☐	
Recompletion ☐		
Change in Ownership ☐		

If change of ownership give name
and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

UNDESIGNATED Cato-San Andres

Lease Name CATO "B" Federal	Well No. 2	Pool Name, Including Formation CATO San Andres	Kind of Lease State, Federal or Fee Fed	Lease No. NM 0177517
Location Unit Letter N : 660 Feet From The SOUTH Line and 1980 Feet From The WEST Line of Section 14 Township 8-S Range 30-E , NMPM, CHAVES County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☒ or Condensate ☐ SCURLOCK OIL CO. (TRUCKS)	Address (Give address to which approved copy of this form is to be sent) 414 MIDAMERICA BLDG, MIDLAND, TEXAS					
Name of Authorized Transporter of Casinghead Gas ☐ or Dry Gas ☐	Address (Give address to which approved copy of this form is to be sent)					
If well produces bit or liquids, give location of tanks.	Unit J	Sec. 14	Twp. 8	Rge. 30	Is gas actually connected? No	When

If this production is commingled with that from any other lease or pool, give commingling order number: TEMP AUTH. C-104

V. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well ☒	Gas Well ☐	New Well ☒	Workover ☐	Deepen ☐	Plug Back ☐	Same Res'v. ☐	Diff. Res'v. ☐
Date Spudded 2-18-67	Date Compl. Ready to Prod. 3-2-67	Total Depth 3660	P.B.T.D. 3635					
Elevations (DF, RKB, RT, GR, etc.) 4161 RDB	Name of Producing Formation SAN ANDRES	Top Oil/Gas Pay 3572	Tubing Depth					
Perforations 3572-3619 w/2SPF	Depth Casing Shoe 3660							
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE 11"	CASING & TUBING SIZE 8 5/8"	DEPTH SET 460	SACKS CEMENT 300					
7 7/8"	4 1/2"	3660	800					

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 3-2-67	Date of Test 3-3-67	Producing Method (Flow, pump, gas lift, etc.) Flowing	
Length of Test 12	Tubing Pressure 200	Casing Pressure 300	Choke Size 18/64"
Actual Prod. During Test EE 121	Oil-Bbls. 114	Water-Bbls. 7 BLW	Gas-MCF 60 MCF

GAS WELL

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back 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.

O+ 3-NMOC-11
1-NSW
1-BILL FARMER
1-Susp
1-R2Y

(Signature)

AREA SUPERINTENDENT

(Title)

(Date)

3-7-67

OIL CONSERVATION COMMISSION

APPROVED

19

BY

TITLE

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.

(DEVIATIONS)

DEPTH	DEGREES
960	- 3/4
1460	- "
1920	- 1 -
2420	- 1 -
2595	- 1 -
3183	- 1 -
3347	- 3/4
3480	- 3/4

PAN AMERICAN PETROLEUM CORPORATION

Box 1, Houston, Texas

The above are true to the best of my knowledge.

Sworn to this date, the 7th day of March, 1967.

DR. Moorhead

Notary Public In & For Lee Co. Tex.

My Commission expires 6-18-68

RECORDING

BOOK

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LTR



Job separation sheet

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE
(Other instructions on reverse side)Form approved.
Budget Bureau No. 42-R1424.

NMOCC - ARTESIA

NMOCC - HOBBS

BLM - SANTA FE

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL ☐ GAS WELL ☐ OTHER ☒ <i>Drilling</i>	2. NAME OF OPERATOR PAN AMERICAN PETROLEUM CORPORATION	3. ADDRESS OF OPERATOR BOX 68, HOBBS, N. M. 88240	4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 660' FSL x 1980' FWL Sec. 14 (UNIT N, SE 1/4 SW 1/4)	5. LEASE DESIGNATION AND SERIAL NO. NM-0177517	6. INDIAN, ALLOTTEE OR TRIBE NAME E. C. C.	7. UNIT ACREMENT 9.41 AM 187	8. FARM OR LEASE NAME CATO B Federal	9. WELL NO. 2	10. FIELD AND POOL, OR WILDCAT CATO San Andres	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 14-8-30 NM PM	12. COUNTY OR PARISH Chaves	13. STATE N.M.
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.)											

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Cactus Only Co. spudded 11" hole 11:30 AM 2-18-67.
At 6: PM. 8 7/8" OD 24" J-55 ST&C Casing was set @
460 w/ 300 s4 Incon Neat. Cement circulated.
After WOC 18 hours, tested casing w/ 1000 psi
for 30 minutes. Test O.K.
Reduced hole to 7 7/8" @ 460 and resumed
drilling.

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE

AREA SUPERINTENDENT

DATE

4-22-67

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

0-4- USGS - Roswell
1- N 50
1- S 50
1- RRY

*See Instructions on Reverse Side

