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NEW MEXICO OIL CONSERVATION COMMISSION



Form C-103  
Supersedes Old  
C-102 and C-103  
Effective 1-1-65

5a. Indicate Type of Lease	
State <input type="checkbox"/>	Fee <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	

**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" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		7. Unit Agreement Name
2. Name of Operator <b>Pan American Petroleum Corporation</b>		8. Farm or Lease Name <b>Martinez "C" Gas Com.</b>
3. Address of Operator <b>Security Life Building, Denver, Colorado 80202</b>		9. Well No. <b>1</b>
4. Location of Well UNIT LETTER <b>A</b> , <b>1190</b> FEET FROM THE <b>North</b> LINE AND <b>790</b> FEET FROM THE <b>East</b> LINE, SECTION <b>24</b> TOWNSHIP <b>29N</b> RANGE <b>10W</b> NMPM. <b>Basin Dakota</b>		10. Field and Pool, or Wildcat
15. Elevation (Show whether DF, RT, GR, etc.) <b>5564 FDB, 5551 GR</b>		12. County <b>San Juan</b>

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data  
NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐  
TEMPORARILY ABANDON ☐  
PULL OR ALTER CASING ☐  
OTHER ☐

PLUG AND ABANDON ☐  
CHANGE PLANS ☐

SUBSEQUENT REPORT OF:  
REMEDIAL WORK ☐  
COMMENCE DRILLING OPNS. ☐  
CASING TEST AND CEMENT JOBS ☐  
OTHER **Drilling Information** ☒

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Spudded 8-26-65. Drilled 11" hole to 320. Reamed 17 1/4" hole to 320. Cemented 13 3/8" 48# H-40 ST&C Casing at 320 and cemented with 400 sacks Type "C" with 2% Cacl. Circulated cement. Drilled 11" hole to 2355. Cemented 8 5/8" 24# J-55 ST&C Casing at 2327 with 250 sacks Type "C" with 6% gel with 2 lbs. tuf plug per sack followed by 200 sacks Type "C" with 2% Cacl. Drilled 7 7/8" hole to TD 6485. Set 5 1/2" 14#, 15.5# and 17# Casing at 6484 with stage tool at 4625. Cemented first stage with 200 sacks Type "C" with 6% gel with 2 lbs. tuf plug per sack followed by 100 sacks Type "C" Heat. Cemented second stage with 50 sacks Type "C" Heat with 250 sacks 50-50 poxmix with 4% gel with 1/2 cu. ft. strata crete "C" per sack with 1 lb. tuf plug per sack followed by 25 sacks Type "C" Heat. Reached TD of 6485 on 9-5-65. Drilled out and cleaned out to FDB 6462. Displaced hole with water containing .8% KCL with 2 1/2 lbs. J-100 per 1000 gal. Spotted 500 gal 7 1/2% acid. Perforated 6369-6382 and 6388-6398 with 3 shots/ft. Fraced perforations with 36,120 gal water treated as above, with 40,000 lbs. 20-40 sand. Breakdown pressure 1000. Treating pressure 2000 at 78 Bbls/Min. Set bridge plug at 6350. Perforated 6303-18 with 4 shots/ft. Fraced with 28,800 gal water treated as above with 25,000 lbs. 20-40 sand with 5,000 lbs. 10-20 sand. Breakdown pressure 1050. Treating pressure 2400 at 63 Bbls/Min. Cleaned out to FDB. Ran tubing to 6312. Swabbed 6 hours and well kicked off. Flow tested 3 hours on 3/4" choke on 9-15-65 at the rate of 5300 MCF/day. TFF 425, CFF 1300. On 9-20-65 well flowed at the rate of 8200 MCF/D for 3 hours on 3/4" choke. TFF 650, CFF 1350. Tagged

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

ORIGINAL SIGNED BY  
D. I. TOLLEFSON

SIGNED D. I. Tollefson TITLE Administrative Assistant DATE Dec. 28, 1965

APPROVED BY Original Signed Emery C. Arnold TITLE JAN 3 1965 DATE Supervisor Dist. # 8

CONDITIONS OF APPROVAL, IF ANY:

packer at 6230. Spotted 80' of 40-60 sand on top of packer with 10 sacks cement containing 10% sand and 2% Gasc. on top of sand. Perforated point lockout 4228-34, 4276-92, 4324-40 and 4392-4402 with 1 shot/ft. Frased with 38,766 gal water with .8% HCl and 2 1/2 lbs. J-100 per 1000 gal with 60,000 lbs. 10-20 sand. Breakdown pressure 2150. Treating pressure 1500 at 31 Bbls/Min. Set bridge plug at 4190. Perforated 3942-38, 3992-4010, 4048-36, 4066-76 and 4103-12 with 1 shot/ft. Frased with 25000 gal water treated as above with 40,000 lbs. 10-20 sand. Breakdown pressure 3150. Treating pressure 2800 at 30 Bbls/Min. Set bridge plug at 3900. Perforated Cliffhouse 3610-40, 3667-76, 3687-3700 and 3744-60 with 1 shot/ft. Frased with 19,750 gal water treated as above with 30,000 lbs. 10-20 sand. Breakdown pressure 2150. Treating pressure 1900 at 67 Bbls/Min. Ran 2 3/8" tubing with 4 3/4" bit and unloaded casing with gas. Tagged sand at 3865 and lost gas returns. Pulled tubing to 3851 and stuck. Began circulation with water and worked tubing 4 hours but was unable to free. Ran free point but could not get below 3902. Tubing was free at 3900. Cut off tubing at 3490 and pulled, was unable to recover tubing fish. Impression block revealed 5 1/2" casing parted at 3488. Ran 4 3/4" bit, slipped off 5 1/2" casing stub but was unable to go deeper than 3518. Set cement retainer at 3490 and squeezed 100 sacks Type "C" Neat cement at 400-500 lbs.

Approval for final disposition of this well is being solicited from the working interest owners.

This report is not intended to be a supplementary well history, but is only an information report only.

No Drill Stem Tests were taken. No coring was done.

#### Log Type:

#### Deviation

Mesa Verde	3405	320	1 1/2°	3700	3 1/4°
Muncie	4560	770	1 1/2°	4088	1°
Greenhorn	6172	986	1°	4425	1°
Greensburg Shale	6240	1300	1°	4828	1 1/4°
Greensburg Dakota	6300	1850	1°	5264	1 1/2°
Main Dakota	6370	2355	1 3/4°	5690	2°
Total Depth	6485	2476	2°	6134	2 1/4°
		2900	1 1/4°	6460	2°
		3322	1°		