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# NEW MEXICO OIL CONSERVATION COMMISSION

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

## 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>State Gas Unit "BJ"</b>
3. Address of Operator <b>P. O. Box 480, Farmington, New Mexico</b>	9. Well No. <b>1</b>
4. Location of Well UNIT LETTER <b>C</b> , <b>805</b> FEET FROM THE <b>North</b> LINE AND <b>1525</b> FEET FROM THE <b>West</b> LINE, SECTION <b>2</b> TOWNSHIP <b>30N</b> RANGE <b>13W</b> NMPM.	10. Field and Pool, or Wildcat <b>Basin Dakota</b>
15. Elevation (Show whether DF, RT, GR, etc.) <b>5934 (RDB)</b>	12. County <b>San Juan</b>

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	Well History <input checked="" type="checkbox"/>

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.

Well was spudded on 3-3-65 and drilled to a depth of 358'. 8-5/8" casing was set at that depth with 250 sacks cement containing 2% calcium chloride. Cement circulated to surface. After waiting on cement tested casing with 750 psi. Test OK. Reduced hole size to 7-7/8" and resumed drilling.

Well was drilled to a total depth of 6820'. 4-1/2" casing was set at 6815 with stage collar set at 4855. Cemented first stage with 400 sacks cement containing 6% gel, 2 pounds Tuf Plug per sack and followed by 100 sacks neat cement. Cemented second stage with 1100 sacks cement containing 6% gel and 2 pounds Tuf Plug per sack. After waiting on cement tested casing with 3500 psi. Test OK.

Perforated Lower Dakota 6738-52 and 6786-6796 with 2 shots per foot. Attempted to sand water frac as follows: breakdown 2800 psi; started sand at 1/2 pound per gallon. Pressure jumped to 3700 psi when sand hit formation. Cut out sand after about 5000 pounds in formation. Pumped water at 20 barrels per minute at 3300-3400 psi. Started adding sand and pressure jumped to 3600 psi. Flushed out. Spearhead 1000 gallons acid. Pressure broke 3400 to 3000 psi. Let soak 5 minutes. Sand water frac with 16,800 gallons water containing 0.8% potassium chloride and 2-1/2 pounds J-100 per 1000 gallons and 12,000 pounds sand. Breakdown pressure 2800 psi; average treating pressure 3550 psi; average injection rate 25 BPM. Bridge plug set at 6720 and tested with 3500 psi. Test OK. Perforated Main Dakota 6620-28, 6636-40 and 6658-72 with 2 shots per foot. Fracked these perforations with 47,880 gallons of (Continued on Reverse Side)

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

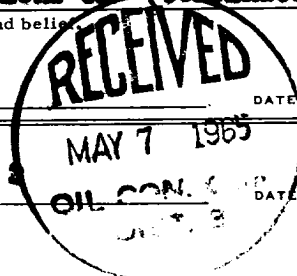
Fred L. Nabors, District Engineer

SIGNED ORIGINAL SIGNED BY F. H. HOLLINGSWORTH TITLE DATE May 4, 1965

Original Signed Emery C. Arnold

TITLE Supervisor Dist. #2 DATE MAY 7 1965

CONDITIONS OF APPROVAL, IF ANY:



350

water treated as above and containing 40,000 pounds sand. Breakdown pressure 1700 psi. Average treating pressure 3550 psi. Average injection rate 46 BPM. Drilled out bridge plug and flowed well to clean up.  
2" tubing landed at 6654 and well completed 4-13-65 as shut-in Basin Dakota Field Development Well. Preliminary test 2500 MCFD.