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5a. Indicate Type of Lease  
State ☐ Fee ☒  
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. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER-	7. Unit Agreement Name
2. Name of Operator Pioneer Production Corp.	8. Farm or Lease Name Johnston
3. Address of Operator P O Box 208, Farmington, NM 87401	9. Well No. #1
4. Location of Well UNIT LETTER I 1750 South 790 THE East LINE, SECTION 28 TOWNSHIP 30N RANGE 12W NMPM.	10. Field and Pool, or Wildcat Basin Dakota Flora Vista Mesa Verde
15. Elevation (Show whether DF, RT, GR, etc.) 5450' GL	12. County San Juan

16. 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 checked="" 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"/>	

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.

See attached reports for remedial work performed.

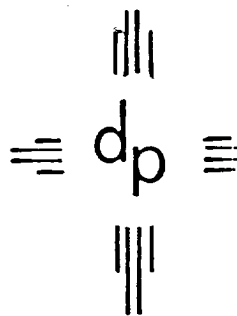


18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED Thomas A. Dugan TITLE Agent DATE 8-26-81

APPROVED BY Original Signed by FRANK T. CHAVEZ TITLE SUPERVISOR DISTRICT # 3 DATE AUG 27 1981

CONDITIONS OF APPROVAL, IF ANY: Repair casing between 4908' - 4939'



# dugan production corp.

Pioneer Production Corp.  
Johnston #1  
1750' FSL - 790' FEL  
Sec 28 T30N R12W  
San Juan County, NM



## REMEDIAL WORK

- 8-10-81 MI & RU Well Tech rig #98. Unseat Baker Model "R" packer. NU BOP. POH w/ packer and tbg. SDON.
- 8-11-81 RU Baker junk basket and guage ring. Run in hole to 3500' - OK. Go in hole w/ 5½" full bore packer. Set B.P.C. at 3345' and packer at 3191'. Rig up swab. Ran in hole. No fluid in tbg. Well making est. 50 MCF. Shut in for one hour - 200 psi - blew down to make swab run. Tbg. dry. No fluid entry. Hook up to flow thru meter over night.
- Checked well after flowing 14 hrs. Making 10 MCF GPD to line.
- 8-12-81 Well making 10 MCFPD thru sales meter. Ran swab to bottom. Pulled 10' fluid out. Rigged up Cementers, Inc. Pumped 12 bbls. water, 250 gals 15% HCL. Flushed to perfs w/ H<sub>2</sub>O. Max pressure 950 psi. Well on vacuum. Fluid level down 2000' on 1st swab run. Fluid stayed at 2400' down for 3 hrs. Finally swabbed down - less gas than before. Release packer. Pull up to 2650'. R.U. Halliburton. Set packer. Load annulus w/ water with 1000 psi. Establish pumping rate down tbg. - 5 bpm at 800 psi. Squeeze Mesaverde perfs 3245-54 w/ 100 sx class B w/ 2% CaCl. Pumped cement away. Displace below packer w/ 450 psi. Wait 5 min, pump ½ bbl water - 0 press. Wait 10 min, pump ½ bbl water w/ 650 psi. Wait 10 min. - 0 press. Pump ½ bbl water w/ 2000 psi. Annulus press went to 2000 psi. Flow back - OK. Release packer. Reverse circulate hole. pull 10 stands. Shut down.
- 8-13-81 P.O.H. w/ packer. Go in hole w/ 4-3/4" bit. Tag cement top at 2747'. Rig up pump and pit and power sub. Drlg. cement out to 3077'. Circulate hole clean. Shot down.
- 8-14-81 Finish drlg. out cement to 3254'. Circulate hole clean. Press. test csg. to 1000 psi. OK. P.O.H. w/ bit. G.I.H. w/ bridge plug at 3375' (set at 3345'). Hard to unseat. Couldn't go down hole w/ B.P. P.O.H. Shut down.

PIONEER PRODUCTION CORP.

Johnston #1

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- 8-17-81 Swabbing water and gas from casing w/ R.B.P. above perms. To Locate leak, T.O.O.H. w/ tubing. T.I.H. w/ 5½" full bore packer w/ retrieving tool and by pass. Set packer at 5660 and pressured up to 1000 psi through tbg. to test seal on bridge plug at 5723. Press. did drop, but slowly. Unset bridge plug and raised it up 19½ stands or 39 joints to ±4510 RKB and reset. Raised full bore packer and set at ±4480'. Pumped through tbg.-bridge plug would not hold. Pumped down backside, packer and casing held pressure of 1000 psi. Picked up bridge plug. P.O.O.H.
- 8-18-81 T.I.H. w/ bridge plug, bypass, and full bore packer. Set packer several time as different depths and pressure tested the annulus to see whether the packer was above or below the casing leak. Set pack at 5288' (85 stands in hole). Pressure test show packer was below a leak.
- 80 stands in, 4970', still below leak.
  - 75 stands in, 4658', packer above leak(s) )
  - 77 stands in, 4783', packer above leak(s)
  - 78 stands in, 4846', packer above leak(s)
  - 79 stands in, 4908', packer above leak(s)
  - 79½ stands in, 4939', packer below leak.
- Set bridge plug with 81 stands of tbg. in hole at 5032'. Pulled up to 5000'. Set packer and tested B.P. - OK. Re-set packer at 4658'. Used mud pump to establish injection rate and pressure. Pumped 10 bbl. water in 8.5 min or about 1.1 bbl/min. at 2700-2800 psi.
- Set packer again at 5,000' to test bridge plug. Then again at 4658' and began swabbing. S.D.F.N.
- 8-19-81 Fluid level had dropped 200' over night to 3700'. On strong vacuum when opened. Swabbed down in four swab runs. Last two runs about ½ hour apart. Made 50 ft. each or about 1/3 bbl per hour.
- Unset packer and bridge plug. Re-set bridge plug at 5716'. Set packer 5654 and pressure test between packer and plug failed. Re-set packer at 5685'. Pressured up tbg. Pressure again dropped off in 3-4 minutes. Pressured up on back-side to 1,000 psi. Pressure on back side went down to about 600 psi while pressure on tbg. rose from zero to 400 psi in about 5 minutes. These pressures stabalized and held. Reset packer at 5591. Pressure on tbg. would not hold. Pressured up on back side, and tbg. pressure increased. Set 1200 psi on tbg., 1000 psi on annulus. 1 hour later, 700 on tbg. and 800 on annulus.
- Unset packer. Made five swab runs. Swabbed down to 3500'. P.O.O.H. w/ packer and plug.
- Rigged up and started in hole w/ 1¼" tbg.
- 8-20-81 Ran 182 jts. of 1¼" OD, 2.4#, 10 Rd., EUE tubing. T.E. 5886' set at 5895' RKB. Nippled down B.O.P. Nippled up x-mas tree. Released Well Tech rig at 2:30 p.m. 8-20-81. Prep to move in swabbing unit.