

DISTRIBUTION		
SANTA FE		
FILE		
U.S.G.S.		
LAND OFFICE		
OPERATOR		

3 - NMOCD 2 - Pioneer 1 - File
NEW MEXICO OIL CONSERVATION COMMISSION

Supersedes Oil
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease
State ☐ Fed ☒
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 ☒ GAS WELL OTHER ☐
2. Name of Operator
Pioneer Production Corp.
3. Address of Operator
P O Box 208, Farmington, NM 87401
4. Location of Well
UNIT LETTER F 1850 FEET FROM THE North LINE AND 1990 FEET FROM
THE West LINE, SECTION 31 TOWNSHIP 29N RANGE 11W NMPM.

7. Unit Agreement Name
8. Farm or Lease Name
Hartman
9. Well No.
#1E
10. Field and Pool, or Wildcat
Basin Dakota
12. County
San Juan

15. Elevation (Show whether DF, RT, GR, etc.)
5396' GR

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 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 JOBS <input type="checkbox"/>	OTHER <input type="checkbox"/>
		Chacra completion <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 report for details for Chacra formation completion.

Perfs 6-5
Acid 6-6
Frac 6-7
Tubing 6-13-81



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 Petroleum Engineer DATE 11-9-81

APPROVED BY Original Signed by FRANK T. CHAVEZ TITLE SUPERVISOR DISTRICT # 3 DATE NOV 12 1981

CONDITIONS OF APPROVAL, IF ANY:

- 6-4-81 Go in hole w/ tbg., csg. scraper and 3-7/8" bit. Tag cement at 3680 RKB. Press. test to 1150 psi. OK. Drlg. out cement to 3990' RKB. Drilling hard cement. Circulate hole clean. Shut down.
- 6-5-81 Drilling out hard cement to 4128' RKB. Circulate hole clean. Press. test to 1200 psi. Held OK. Circulate hole w/ 2% KCL water. P.O.O.H. Rig up Welex. Set Baker retrievable bridge plug at 2660' RKB. Pour sand on top of bridge plug. Start in hole w/ perforating gun. Stopped at 380'. Sand bridged off. Go in hole w/ tbg. Push out bridge. P.O.O.H. Perforate Chacra 2541, 42, 43, 44, 45, 46, 47, 48, 49. 1 SPF. Total 9 holes. Shut well in.
- 6-6-81 Opened well up. Did not unload. Go in hole w/ tbg. and Baker 4½" full bore packer. Set at 2440'. Swab tbg. down. Making show of gas. Load csg. w/ 1000 psi. Break formation at 3400 psi. IR 8.5 bbl/min. Acidize perfs w/ 1000 gal 7½% HCL + 1 gal/1000 FR-20 + .6% HF + 1 gal/1000 Claymaster III + 400 SCF/bbl N₂. Dropped 20 RCN ball sealers. Balled off perfs w/ 4300 psi w/ 2800 SCFM N₂. Flowed back water and acid. Swab tbg. down. Making est. 100 MCF. Unseat packer. Ran tbg. and packer past perfs to knock balls off formation. P.O.O.H.
- 6-7-81 Rig up Western Co. Foam fraced Chacra perfs as follows:
- 5,000 gals 75% Quality foam - pad
 - 5,000 gals 75% Quality foam + 1#/gal 20-40 sand
 - 5,000 gals 75% Quality foam + 2#/gal 20-40 sand
 - 5,000 gals 75% Quality foam + 2½#/gal 20-40 sand
 - 1,660 gals 75% Quality foam - flush
- Min. treating press. 1650 psi
 Max. treating press. 1800 psi
 Ave. treating press. 1700 psi at 10 bbl/min.
 ISDP. 1650 psi 15 min shut in 1600 psi
- Totals: 20,000 gal 75% quality foam
 27,500# 20-40 sand
 Tagged sand w/ 20 MC IR 192
- Rig down Western Co. Rig up Welex. Ran GR-Temp after frac logs in frac zone. Opened well up after 3 hours. Shut in. Checked well after blowing to pit 17 hrs. Well making 1530 MCF very dry gas.
- 6-8-81 Choke press. 104 psi. Making 1434 MCF. Shut in 7:00 p.m.
 6-7-81.



PIONEER PRODUCTION CORP.

Hartman #1E

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- 6-9-81 Csg. pressure 760 psi. Rig up B & R Service. Ran BHP survey. 2545' - 827 psi. Opened well up. Go in hole w/ Baker retrieving head. Circulate sand off bridge plug. Unseat bridge plug. P.O.O.H. Kill well. Go in hole w/ Baker hydrostatic bailer. Tag sand at 4100'. Shut well in.
- 6-10-81 Blew well down. Killed well to start bailing sand. Made 6 ft. Hydrostatic bailer stopped working. P.O.O.H. w/ tbg. 1 jt. tbg. plugged w/ sand and cement. Redress Baker bailer. G.I.H. Tag sand. Worked down 60'. Baker bailer quit working. Lack 15' being to bridge plug. P.O.O.H.
- 6-11-81 Finish coming out of hole. Lost most of the sand. T.I.H. w/ Baker Hydrostatic bailer. Worked tbg. down thru sand to bridge plug. Trip out of hole. Dump frac sand and frac balls. Trip in hole w/ string float and baker retrieving head. Tagged up 30' off bridge plug. Circulate down to bridge plug. Latch onto B.P. Pulling 30 points over tbg. weight for 30'. Pull 20 jts. out of hole. Well had not kicked off. Shut down over night.
- 6-12-81 Well kicked off over night. Finished coming out of hole. Laying 2-3/8" tbg. down and Baker retrievable bridge plug. Rig up Schlumberger. Set Baker retrieve "D" packer at 4200' RKB. Shut well in. Prep to run 1-1/4" tbg.
- 6-13-81 Opened well up. Ran 50 jts. 1-1/4" OD, 2.3# J-55 IJ tbg, 1 Baker seal assembly, 1 tbg. sub, 1 Baker sliding sleeve, 49 jts. tbg., 2 tbg. subs, 2 Blast joints, 78 jts. tbg., 5 tbg. subs, 1 jt. tbg., T.E. 5829.23' set @ 5837' RKB. Ran 75 jts. 1-1/4" 2.3# J-55 IJ tbg. T.E. 2428.79' set @ 2436' RKB. Nipple down B.O.P. Nipple up Xmas tree head. Pump out plug from Dakota tbg. Top of blast jts. 2530' RKB. Bottom of blast jts. 2559' RKB. Top of Baker seal assembly 4197' RKB. Sliding sleeve @ 4188' RKB. TBG. strings do not have swab stop. Shut both zones in. Rig released @ 5 PM 6-12-81.