

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division  
P.O. Box 1980  
Hobbs, NM 88241

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT-" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

Oil Gas  
☒ Well ☐ Well ☐ Other

2. Name of Operator

STRATA PRODUCTION COMPANY

3. Address and Telephone No.

P. O. Box 1030 505-622-1127  
Roswell, New Mexico 88202-1030

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1980' FNL & 460' FWL  
Section 15-22S-32E E

5. Lease Designation and Serial No.

NM-27805

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Paisano Federal #1

9. API Well No.

30-025-31512

10. Field and Pool, or Exploratory Area

Livingston Ridge Delaware East

11. County or Parish, State

Lea County, New Mexico

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

Abandonment

Recompletion

Plugging Back

Casing Repair

Altering Casing

OTHER OPEN PERFS at 8530'  
- 8540' & 8605' - 8621'

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

☐ Dispose Water

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

13. 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.)\*

5/1/98: MIRU. Unseat pump. TOH with rods. RD wellhead. Unset TA. TOH with tubing.

5/4/98: TIH with bit, bulldog bailer and tubing. Tag cement at 8327'. Drill out cement.

5/5/98: Drill out cement.

5/6/98: Drill out cement and CIBP at 8475'. Open 14 .42 holes at 8530' - 8540' which were tested in April 1992 during original completion operations.

5/8/98: Drill out cement and CIBP at 8592'. Drill out to 8650'. TOH with tubing. Open 15 .42 holes at 8605' - 8621' which were tested in March 1992 during original completion operations.

5/11/98: TIH with production string. RU wellhead. TIH with pump and rods. Start pumping unit. Well placed on production.

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

Signed Carol G. Garcia

Title Production Records Manager

Date 6/23/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\* See Instruction on Reverse Side

STRATA PRODUCTION COMPANY

PAISANO FEDERAL #1 WELL

GRACE DRILLING COMPANY RIG#347

Section 15, T22S, R32E, NMPM

Elevation =3785'

Lea County, New Mexico

KB =3806

1980' FNL & 460' FWL

PAGE 3

03/18/92: Operation: Trip for hole in pipe; Formation  
Lime & sand, Ftg 368', Totco 1 1/2 deg @  
8144', Mud wt 9.3, Vis 29, WL 16, FC 1/32,  
Nitrate 44 ppm, pH 10.5, Chl 94000, Bit Wt  
40000, RPM 65, Bit #5 100.5 hrs, ftg 3668'.  
SPM 60, Press 1650#. Rot 15 1/2 hrs, Trip 7.5  
hrs, Totco 3/4 hrs, Service rig 1/4 hr.  
DC \$6918 CC \$225547.

03/19/92: Drlg @ 8485', Formation Lime & sand (some  
chert), Ftg 237', Mud wt 9.3, Vis 29, WL 12,  
FC 1/32, Nitrate 44 ppm, pH 9.5, Chl 94000.  
Bit wt 40000, RPM 60, Bit #5, 111 hrs, ftg  
3905'. SPM 57, Press 1700#. Rota 10 1/2 hrs,  
Trip 11 1/2 hrs, Cut drlg line 1 hr, work on  
pump 1/4 hr, service rig 1/4 hr, wash to  
bottom 1/2 hr. DC \$3802 CC \$229349.

03/20/92: TOH for Logs. TD 8780', Formation sand & lime, Ftg  
295', Mud wt 9.5, Vis 30, WL 18, FC 1/32, Nitrate 44  
ppm, pH 9, Chl 180,000. Bit wt 40000, RPM 55, Bit #5  
126 3/4 hrs, ftg 4200'. SPM 60, Press 1680#. Rot 15  
3/4 hrs, Trip 4 hrs, 4 hrs short trp., circ. 1/4 hr  
service rig. DC \$5690 CC \$235039

03/21/92: Logging. DC \$4843 CC \$239882.

03/22/92: Lay down drill collars. DC \$82359 CC \$322241.

03/23/92: Ran 220 jts (8817') 5 1/2" J-55 17# csg.  
Cemented @ 8810' w/850 sx 50/50 Poz mix w/5#  
salt, 1/4# Flocele, PD @ 2:30 PM 03/23/92;  
2nd stage cemented w/550 sx 50/50 Poz w/5#  
salt, 1/4# Flocele. DV tool set @ 6044.91'.  
PD @ 7:00 PM 03/23/92. Rel Rig @ 11:00 AM  
03/23/92. DC \$26139 CC \$348380.

03/24/92: MI Owens Backhoe clean location. T&C set  
anchors; Prep to MI Real Well Service  
completion unit. DC \$975 CC \$349355.

03/25/92: MIRU Real Well Service Rig #32. Bearing  
Service delivered 289 jt (9089') 2 7/8" J-55  
tbg. Set in Lea Fishing Tool w/ reverse  
unit; Marrs WElding made cut off, flanged up  
wellhead & NU BOP. PU bit, bit sub & (4)  
collars, start in hole w/tbg. Tag up on DV  
tool @ 6037'. Pull up & prep to drill out.  
SD. DC \$19594 CC \$368949.

03/26/92: Drlg on DV tool, ball thru DV @ 6041'; PU tbg  
& circ to botton; Tag up @ 8715'; circ hole;  
TOH w/tbg, lay down collars. HLS on  
location, TIH w/ CBL. SD & prep to perf &  
acidize. DC \$5670 CC \$374619.

03/27/92: X-L delivered 480 bbls 2% KCL to frac tank.  
Halliburton on location. Circ hole w/2% KCL  
& spot 100 gal 7 1/2% NeFe @ 8632'. TOH  
w/tbg. RU HLS. TIH w/4" csg guns & perf (15)  
.42 holes as follows:

8605', 06', 07', 08', 09', 10', 11', 12',

13', 14', 15', 18', 19', 20', 21'.

TOH w/guns. TIH w/pkr & set @ 8505'. Break  
perfs down @ 1750#. Est rate. SD & spot acid  
to pkr. Acidize w/2000 gal 7 1/2% NeFe w/30  
bbls. Treat well @ 2.9 BPM @ 1725# Avg. Max  
3500#(ball out) ISDP-1035# 5'-950#, 10'-935#,  
15'-920#. 105 BLWTR. RU & rec 35 BLW. SI &  
SD. No gas or oil show. DC \$8909 CC \$383528.

03/28/92: TP 40# FL 1000'. No oil or gas @ top of run.  
Swab well down. End of day making 100'/1/2 hr  
w/20% oil cut. Rec 90 BLW total. Some gas  
w/emulsion. SI & SD. DC \$1197 CC \$384725.

# STRATA PRODUCTION COMPANY

PAISANO FEDERAL #1 WELL  
Section 15, T22S, R32E NMPM  
Lea County, New Mexico  
1980' FNL & 460' FWL

GRACE DRILLING COMPANY RIG#347  
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PAGE 4

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03/29/92: TP 80#, FL 5600' w/ 200' free oil on top. Swab down. Making 100'/hr w/30-40% oil & emulsion. Some gas, not strong. Rec 102 BLW. SI & SD. DC \$981 CC \$385706

03/30/92: TP 85#, FL 6500' FS w/250' free oil on top. Making 150'/hr w/35% oil cut. Rec 111 BLWR. Shut down and shut in. DC \$ 981 CC \$386687.

03/31/92: TP 80#. Rel pkr & TOH. RU Halliburton & prep to frac 8605'-8621' w/ 33689 gal 2% KCL, 35# gel plus additives, 58600 16/30 Resin coat. Avg TP 1000#, Avg rate 18.5 BPM, Max 19.6 BPM, Max press 1400#, ISIP 1400#, 5'-1026#, 10'-1010#, 15'-990#. 770 BLWTR. SI overnight. DC \$27500 CC \$414187.

04/01/92: TP 180#. Flow well down to frac tank. TIH w/tbg open ended, tag sand @ 8475', circ sand w/2% KCL to total depth of 8637'. Pull up above perms & commence swabbing. Rec 65 BL, 110 bbl total. SI SD. DC \$2635 CC \$416822.

04/02/92: TP 95#. FL 1200' No oil or gas on 1st swab run. Swab fluid level to 2200' with 5% oil cut. Rec. 285 bbl total. Have 375 BLTR. DC \$1583 CC \$418405.

04/03/92: TP 500#. FL 1600' Have approx. 100' oil on top 1st swab run. Swab back 275 BLW w/5-10% oil cut and fair gas. Have 100 BLWTR. SI SD. DC \$1502 CC \$419907.

04/04/92: TP 500#. Opened well and flowed 2 BO. FL 1800'. Swabbed back and rec. 310 BTF 280 BW & 30 BO. Have rec. 210 bbls over load. SI SD. DC \$1296 CC \$421203

04/05/92: TP 360#. FL 1500'. 150' of oil on 1st run. Swabbing 10% oil cut. Swab to 2000'. Rec. 270 BTF 250 BW & 20 BO. Have rec. 460 bbls over load. SI SD. DC \$1296 CC \$422499.

04/06/92: TP 90#. FL 1200'. 1st swab had 100' oil on top of run. TOH w/tubing. HLS on location, TIH w/CIBP and set at 8592'. TOH. TIH w/csg. guns and perf 14 .42 holes as follows: 8530.5, 31, 31.5, 34, 34.5, 35, 35.5, 36.5, 37, 39, 39.5, 40. TOH w/csg guns. TIH w/tubing and pkr and set at 8407'. Break down perf at 1700#. Est. rate Open bypass and spot acid to end of tubing. Close by pass and treat w/1500 gal 7 1/2% NeFe w/28 BS. Treat 3 BPM at 1235# Avg. Ball well out. ISDP 160# 2' on vac. Have 88 BLWTR. Rig up and swab back 95 BLW w/ trace of oil and some gas. SI SD. DC \$7583 CC \$430082.

04/07/92: TP 530#. Flowed 2 BO, well died, began swabbing. FL @ 1400'-1600', 10% oil cut & fair gas. Rec 200 bbl total fluid being 153 BW & 47 BO. SI SD.

04/08/92: TP 440#. Flowed 6 BO, well died, began swabbing, 1st run 1500' oil, 2nd thru 8th run approx 10% oil cut. FL @ 1500'. Cut improving approx 25%. Rec approx 18 BF/hr. 0800-1300 hrs rec 98 bbl total fluid being 77 BW & 21 BO. Release pkr, TOH w/tbg & SD.

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PAGE 5

04/09/92: HLS on location. PU & TIH w/5 1/2" CIBP, set @ 8475', TOH. TIH w/guns and perf (25) .42 holes as follows:

7278', 79, 80, 81, 82, 83, 89, 90, 91, 92, 93  
94, 97, 7300', 7401', 92, 93, 94, 98, 99, 10  
42, 43, 44, 45.

TOH w/guns. TIH w/dump baler, put 30' cement on top of CIBP. TOH w/baler. TIH w/pkr, set pkr @ 7357', circ hole w/2% KCL & spot 100 gal 7 1/2% NaFe across perfs. Pull up & set pkr @ 7180', prep to acidize w/1500 gal 7 1/2% NaFe & (25) ball sealers. Break perfs down @ 1500#, open by-pass. Spot acid to end of tbg, close by-pass & resume job. Avg treat press @ 3 BPM, Avg TP 1538#, Max press 2210#, Minimum 1000#. ISIP 629#, 5-600, 10-575, 15-560. 80 BLTR.

04/10/92: TP 260#, FL 2900' FS. 1st swab run oil cut 100%(+-1000') free oil. Swabbed well down. Approx 200' fluid entry /hr, 40% oil cut. Rec 62 BLW, 23 BLTR. TOH. Prep to frac w/40000 gals 2% KCL, 117000# 16/30 RC sand tomorrow(4-11-92) AM. SI & SD.

04/11/92: RU Dowell. Frac via 5 1/2" 17# csg w/115280# 16/30 CR sand, 1050 bbl 2% KCL w/35# X-link gel. Ramp sand from 2-8 ppg. Stage rate from 7-14 BPM. Avg treating press 1000#, Max 1565#. ISDP 750#, 5"-659, 10"-617, 15"-617. Have 1050 BLWTR. SI & SD.

04/12/92: Csg press 50#. Flow back 44 BLW. TIH w/tbg & commence swabbing. Rec 155 BLW. Total load rec 199. SI & SD.

04/13/92: At report time -0- TP, FL 700' FS. Started swabbing @ 8:00 AM. At end of day had recovered a total of 516 bbls, have 534 BLTR. 10% oil cut, FL 1000' FS. SI, SD.

04/14/92: TP 250#, FL 700' FS, pulled 1500' solid oil(8-9 bbls), commence swabbing, fair gas & 10-15% oil cut.

04/15/92: TOH w/ tbg & TIH w/ mud anchor. Perf sub, seat nipple & tubing anchor. Strip off BOP & set tubing anchor. Start in hole w/ 2 1/2" x 2" x 22' TB pump, 3/4" rod & 7/8" rod. SD.

04/16/92: Fannie Lee Mitchell set in a 640 Lufkin w/ DP-6G Ajax. PU 1" rods & TIH. Ran 111-3/4" & 99-7/8" rods & 98-1" rods, 2-1" & 2-3/4" subs w/ 211 jts 2 7/16" tbg. Build wellhead & plumb to frac tanks. EO & rel rig. Have Morgan Weld dig out for base on unit. Erect unit. SD.

04/17/92: Tie in to propane; Have Marris weld up muffler, starter plate & brake. Start unit pumping to frac tank.

04/18/92: Unit down, made 38 BO 87 BW.

04/19/92: Waiting on unit.

04/20/92: TOH w/ rods & pump. Trip pump to GYS. SD.

04/21/92: TIH w/ pump. Well pumped up. Leave pumping to frac tanks.

04/22/92: Pumping. Made 100 BO, 320 BW in 22 hrs. Tie into tank battery. Motor problems, shut well down @ 5:00 PM. to repair.

04/23/92: 58 BO & 15 BW from 10:00 AM 4/22/92 until 5:00 PM 4/22/92 (7 hrs). Well now flowing to tank battery. Well back on @ 7:00 AM 4/23/92.

04/24/92: Changed out pump. No production for last 24 hours. Well back on @ 8:00 AM 04/24/94.

04/25/92: 171 BO 606 BW

04/26/92: 215 BO 507 BW

04/27/92: 322 BO 676 BW