

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Oil Cons.
N.M. DIV-Dist. 2
1301 W. Grand Avenue
Artesia, NM 88210

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

Roswell, New Mexico 88202-1030

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

S.L. 10' FSL & 175' FWL - Section 12-23S-29E

B.H.L. 2650' FSL & 2250' FWL Section 11-23S-29E

5. Lease Designation and Serial No.

NM-0554221

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

Nash Unit

8. Well Name and No.

Nash Unit #33

9. API Well No.

30-015-32476

10. Field and Pool, or Exploratory Area

Nash Draw Brushy Canyon

11. County or Parish, State

Eddy 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



Abandonment



Change of Plans



Subsequent Report



Recompletion



New Construction



Final Abandonment Notice



Plugging Back



Non-Routine Fracturing



Casing Repair



Water Shut-Off



Altering Casing



Conversion to Injection



OTHER

Perf & Frac



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.)*

1. RU completion unit. NDWH. NUBOP. POH w/2-7/8" tbg, pkr and gas lift system. LD tbg. RD completion unit.
2. RU Schlumberger CTU and make gauge ring run to +/- 9400'. POH.
3. PU Weatherford composite bridge plug, setting tool and perf guns. GIH and set composite BP at +/- 9200'. Perf 8928' - 31', 3', 4 JSPF, 12 holes; Perf 8097'-8100', 3' 4 JSPF, 12 holes; and Perf 7623'-26', 12 holes. POH w/CT and RD.
4. RU completion unit. PU isolation tools and 2-7/8", 7.9#/ft P-105, PH-6 Hydril tbg. TIH and straddle perfs 8928'-31'. BD perfs and acidize w/4,000 gallons 7-1/2% NeFe acid. Max pressure 8000 PSI.
5. Straddle perfs 8097'-8100'. BD perfs and acidize w/4,000 gallons 7-1/2% NeFe acid. Max pressure 8000 PSI.
6. Straddle perfs 7623'-26'. BD perfs and acidize w/4,000 gallons 7-1/2% NeFe acid. Max pressure 8000 PSI.
7. POH and stand back 2-7/8" tbg. PU 5-1/2" 17#/ft 3" bore pkr and 3-1/2" 9.3#/ft N-80 tbg. TIH and set pkr at +/- 6800'. Test tbg going in hole to 8,000 PSI. Swab to recover AW and test.
8. Frac "L" zone w/61,000 gal Cleargel carrying 144,000# 16/30 Carbo-Lite. Treatment includes J-501 Propnet proppant stabilizer in last 120,000# of C-Lite. Flush w/tbg volume. (Treatment schedule is attached)
9. If necessary, RIH w/CT and clean out sand and debris from the horizontal section and drillout composite BP. Return well to production.

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

Signed

Alexis C. Swoboda

Title

Production Records

Date

12/31/03

(This space for Federal or State office use)

Approved

(ORIG. SGD.) ALEXIS C. SWOBODA

PETROLEUM ENGINEER

Date

JAN 06 2004

Conditions of approval, if any:

Nash Draw #33
Section 12-T23S-R29E
Eddy County, New Mexico

December 31, 2003

1. Rig up completion unit, N.D. wellhead, N.U. B.O.P., P.O.H. with 2 7/8" tubing , packer and gas lift system, L.D. tubing. Rig down completion unit and move off location.
2. R.U. Schlumberger Coiled Tubing unit and make gauge ring run to +/- 9400', P.O.H.
3. P.U. Weatherford composite bridge plug, setting tool and perforating guns. G.I.H. and set composite B.P. at +/- 9200'. Perforate 8928-31', 3 feet, 4 JSPF, 12 holes, perforate 8097-8100', 3 feet, 4 JSPF, 12 holes and perforate 7623-26', 3 feet, 12 holes. P.O.H. with coiled tubing and rig down.
4. R.U. completion unit, P.U. isolation tools and 2 7/8"-7.9 #/ft. P-105, PH-6 Hydril tubing. T.I.H. and straddle perms 8928-31'. Breakdown perforations and acidize with 4,000 gallons 7 1/2% NEFE acid at 8 to 10 BPM. Maximum pressure 8000 psi. Record I.S.I.P. and 15 minute S.I. pressures.
5. Straddle perms 8097-8100' Breakdown perforations and acidize with 4,000 gallons 7 1/2% NEFE acid at 8 to 10 BPM. Maximum pressure 8000 psi. Record I.S.I.P. and 15 minute S.I. pressures.
6. Straddle perms 7623-26. Breakdown perforations and acidize with 4,000 gallons 7 1/2% NEFE acid at 8 to 10 BPM. Maximum pressure 8000 psi. Record I.S.I.P. and 15 minute S.I. pressures.
7. P.O.H. and stand back 2 7/8" tubing. P.U. 5 1/2"-17 #/ft 3" bore packer and 3 1/2"-9.3 #/ft. N-80 tubing. T.I.H. and set packer at +/- 6800'. Test tubing going in the hole to 8,000 psi. Swab to recover acid load water and test.
8. Frac "L" zone with 61,000 gallons Cleargel carrying 144,000 pounds of 16/30 Carbo-Lite. Treatment to include J-501 PROPNET proppant stabilizer in the last 120,000 pounds of C-Lite. Rate 40 to 50 BPM with an anticipated surface treating pressure of 4000 psi, maximum pressure 7000 psi. Flush with tubing volume, approximate displacement volume is 84 barrels, do not over flush. Treatment schedule:

<u>Gals.</u>	<u>Stage</u>	<u>Proppant</u>
10,000 gallons	10%U-66 Prepad	
10,000 gallons	5% KCL spacer	
20,000 gallons	Cleargel PAD	
3,000 gallons at 1 PPG	16/20 C-Lite	3,000#
3,000 gallons at 2 PPG	16/20 C-Lite	6,000#

5,000 gallons at 3 PPG 16/20 C-Lite	15,000#
15,000 gallons at 4 PPG 16/20 C-Lite *	60,000#
12,000 gallons at 5 PPG 16/20 C-Lite *	60,000#
3,528 gallons flush	

* J-501 PROPNET added to this stage.

9. After the load is recovered and the well cleans up, if necessary R.I.H. with coiled tubing and clean out sand and debris from the horizontal section and drillout composite B.P. Return well to production.

Casing - 5 ½"- 17 #/ft., N-80, Surface -6583', Drift 4.767", I.D. 4.892", Burst 7740 psi, Collapse 6280 psi.

5 ½"- 17 #/ft., P-110, 6583'-9573', Drift 4.767", I.D. 4.892", Burst 10,640 psi, Collapse 7460 psi.

Completed zones - Toe Zone 9573'-9938' open hole
"H" Zone 6562'-6699', 28 shots

Note: This is a Deviated/Horizontal wellbore. Curve starts at 6935', horizontal at 7659', M.D. at 9573'. **Do Not** run drill collars or other stiff assemblies below 6900'. To compensate for bending stress, **only** run premium connections on tubulars below 6900'. Use EPL-50 (Metal Coating Friction Reducer) in wellbore fluids when tripping or running coiled tubing into the horizontal section. Use caution when running tubing or coiled tubing in or out of the horizontal section, sand and debris will have a tendency to settle in the low parts of the hole and will be difficult to clean out.

Supervision	Strata Production Co.	C-505-365-7757	Frank Morgan
Pulling Unit	Conquest	M-505-365-7787	Chico
2 7/8" Tubing	Knight Oil Tools	505-631-3612	Tim Cox
Handling Equipment	Knight Oil Tools		
3 ½" Tubing	Knight Oil Tools		
Stimulation	Schlumberger	432-571-4636	John Newton
Coiled Tubing	Schlumberger	432-683-1887	David Whitlock
Perforating	Schlumberger	505-622-9080	David Luna
Tools	Weatherford		

Nash Draw #33 Wellbore Diagram

