

Office
 District I – (575) 393-6161
 1625 N. French Dr., Hobbs, NM 88240
 District II – (575) 748-1283
 811 S. First St., Artesia, NM 88210
 District III – (505) 334-6178
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV – (505) 476-3460
 1220 S. St. Francis Dr., Santa Fe, NM
 87505

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 Revised July 18, 2013

OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

WELL API NO. 30-025-31127
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. V-1618
7. Lease Name or Unit Agreement Name Ganso State
8. Well Number 2
9. OGRID Number 21712
10. Pool name or Wildcat Hat Mesa Delaware
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3,630 GR

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. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐

2. Name of Operator
Strata Production Company

3. Address of Operator
P. O. Box 1030, Roswell, NM 88202-1030

4. Well Location
 Unit Letter **J** : **1,650** feet from the **South** line and **2,310** feet from the **East** line
 Section **32** Township **20S** Range **33E** NMPM **Lea** County

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input checked="" 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"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Set composite bridge plug at ~6,650' and add Delaware perforations 6,386-6,396'. Acidize with 1,000 gals 7.5% HCl. Fracture stimulate with 50,000 lbs proppant in 1,100 bbls cross linked borate fluid.

Anticipated date to commence work is 11/01/2021.

Spud Date:

03/30/1991

Rig Release Date:

04/18/1991

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

SIGNATURE Jerry Elgin TITLE VP Operations DATE 10/19/2021
 Type or print name Jerry Elgin E-mail address: jelgin@stratanm.com PHONE: 575-622-1127 x 18
For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____
 Conditions of Approval (if any): _____

**Strata Production Company
Ganso State #2
Hat Mesa Delaware Field
API 30-025-31127
Sub J Section 32-T20S-R33E
Lea County, New Mexico**

Current Status: Not pumping.

Procedure: Add perforations in AAA Sand 6,386-6,396'. Acidize and test. Fracture stimulate if warranted by swab testing. Return to pumping.

Current Well Configuration

Casing: 5-1/2" 17# J-55 set at 8,380' cemented with 2,330 sacks cement. DV tool at 6,000'. Top of cement at surface by WBD. PBTD 8,339'.

Tubing: 264 joints 2-7/8" 6.5# J-55 EUE tubing at 8,300'. Seating nipple at 8,265' with mud joint below. Tubing anchor at 6,407'. Perforated sub above mud joint.

Rods: No description found.

Packer: No packer.

Current Perfs: B Sand 6,693-6,703', D Sand 6,906-6,990', E Sand 7,071-7,082', F Sand 7,151-7,200', J Sand 8,069-8,121'.

Detailed Procedure

1. File required Sundry Notice.
 2. Open well to tanks 24 hours prior to moving in rig to blow down pressure.
 3. MIRU well service unit and POOH with rods and pump. ND wellhead, NU BOP's. Release anchor and POOH with tubing. Scan tubing while POOH to determine whether to use for frac job. Use rental tubing to frac if tubing does not pass yellow band.
 4. TIH with 4-3/4" bit and casing scraper to PBTD at ~8,339'. Circulate hole clean with FSW (may not circulate – capacity of system 175 bbls). POOH with tubing.
 5. RU wireline truck and run gauge ring/junk basket. Set composite bridge plug at ~6,650'.
 6. Fill casing with FSW and test to 500 psi.
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7. Run gamma gun and perforate AAA Sand 6,386-6,396' with 3-3/8" Owen Hero charges (or comparable) 6 spf, 60° phasing, 0.42" EHD, 21g charges, average penetration 45". Keep hole full with FSW if possible. Depths correlated to Halliburton open hole logs dated 04/16/91 (unable to locate cased hole log).
 8. TIH with Arrowset 1X packer testing tubing to 5,000 psi above slips. Set packer at ~6,350' with 15M# compression.
 9. Confirm ability to pump in AAA perforations with FSW.
 10. Open bypass on packer and circulate 1,000 gals 7-1/2% NeFe acid to EOT. Close bypass on packer and acidize with total of 1,000 gals acid with 60 diversion balls. Displace acid with FSW. Anticipate pumping at 3 BPM and 2,000 psi. Do not exceed 4,000 psi.
 11. Swab test AAA Sand to confirm entry.
 12. MI 3 frac tanks and fill with fresh water. All water should be mixed to equivalent of 4% KCl (preferably mixed on fly) before pumping down hole.
 13. Fracture stimulate AAA Sand per accepted service company recommendation. Tentative design to consist of 35M# 16/30 resin coated sand in 700 bbls 30# cross linked borate fluid at 15 BPM with anticipated TTP of 3,200 psi. Hold 500 psi on annulus during frac and set annular popoff to 2,000-2,500 psi.
 14. Shut well in overnight (or as recommended by service company lab results).
 15. Flow well down. Swab or flow to test.
 16. If warranted, run pump and rods and put well on pumping unit for extended test.
 17. TIH with 4-3/4" bit and casing scraper, drill out composite plug, and clean out well to PBTD.
 18. Run pump (check Rodstar design) and rods.
 19. Return well to production.
 20. File required paperwork.

COMPANY STRATA PRODUCTION CO.		LEASE TYPE <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/> FEDERAL		API NO. #30-025-31127		SPUD DATE 3/29/1991	
WELL NAME GANSO STATE #2 (PROPOSED)		SECTION 32		TWP. 20-S		RANGE 33-E	
FOOTAGE 1650' F8L & 2310' FEL		ELEVATION = 3630'		KELLY BUSHING = Size Sks. Cnt.		STATUS OIL	
FIELD/POOL/AREA HAT MESA		TOTAL DEPTH = 8380'		Grade Thread		P.B.T.D. 8339'	
LOCATION DESCRIPTION 29 MI NE OF LOVING, NM		INT. CASING 8-5/8"		1,200		24# & 32#	
		CASING 5-1/2"		1,165		17#	
Depth ft.		Description				O.D.	Length
300		13 3/8" CBG. 54.5# @ 342' w/315 sacks					
1000							
2000							
3000							
4000		8 5/8" CBG. 24# & 32# SET @ 3130' w/1200 sacks					
5000							
6000		DV TOOL @ 6000' 2ND STAGE 850xx					
		AAA perforations 6,388-6,396'. Acidize with 1,000 gals 7.5% HCl					
		Frac with 50MM 18/30 proppant in 1,100 bbls 20-30# cross linked fluid					
		Composite bridge plug ~6,850' (to be drilled out after flowback)					
		TAC @ 8407' IN 1992					
		(A SAND) PERF: 6603'-6703' (12 HOLES) ACIDIZED w/ 600GAL 7.5% NEFE, FRAC w/30,000# 18/30					
		(D1 D2 SAND) PERF: 6906'-6907' (10 HOLES) ACIDIZED w/1750GAL 7.5% NEFE, FRAC w/32,500# 18/30					
7000							
		(E SAND) PERF: 7071'-7082' (22 HOLES) ACIDIZED w/1900GAL 7.5% NEFE, FRAC w/24,000# 18/30					
		(F SAND) PERF: 7151'-7200' (14 HOLES) ACIDIZED w/1500GAL 7.5% NEFE					
		48,500 20/40					
		10,000 18/30 RC					
8000							
		(J SAND) PERF: 8069'-8121' (18 HOLES) ACIDIZED w/1700GAL 7.5% NEFE, FRAC w/58,000#					
		148,000 20/40					
		10,000 18/30 RC					
		MUD JOINT @ 8300'					
		5 1/2" CBG. 17# SET @ 8380' w/ 1165 sacks 315xx FIRST STAGE					
8500		TD = 8380' PBTD = 8339'					
COMMENTS: CUMULATIVE PRODUCTION OF 198,880 BBLs OF OIL AS OF 05/21						STRATA PRODUCTION CO. P.O. BOX 1030 ROSWELL, NEW MEXICO 88202 Revised 07/11/2014	

District I

1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II

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District III

1000 Rio Brazos Rd., Aztec, NM 87410
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District IV

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Phone:(505) 476-3470 Fax:(505) 476-3462

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Santa Fe, NM 87505

CONDITIONS

Action 56745

CONDITIONS

Operator: STRATA PRODUCTION CO P.O. Box 1030 Roswell, NM 882021030	OGRID: 21712
	Action Number: 56745
	Action Type: [C-103] NOI Recompletion (C-103E)

CONDITIONS

Created By	Condition	Condition Date
pkautz	None	11/12/2021