

Submit Copy To Appropriate District 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 [X] FEE [ ]
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 [X] 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
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3,630 GR

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

NOTICE OF INTENTION TO:
PERFORM REMEDIAL WORK [X] PLUG AND ABANDON [ ]
TEMPORARILY ABANDON [ ] CHANGE PLANS [ ]
PULL OR ALTER CASING [ ] MULTIPLE COMPL [ ]
DOWNHOLE COMMINGLE [ ]
CLOSED-LOOP SYSTEM [ ]
OTHER: [ ]
SUBSEQUENT REPORT OF:
REMEDIAL WORK [ ] ALTERING CASING [ ]
COMMENCE DRILLING OPNS. [ ] P AND A [ ]
CASING/CEMENT JOB [ ]
OTHER: [ ]

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):

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**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.

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**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. PBDT 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'.

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**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 PBDT 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.

<b>COMPANY</b> STRATA PRODUCTION CO.		<b>LEASE TYPE</b> <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/> FEDERAL			<b>API NO.</b> #30-025-31127	<b>SPUD DATE</b> 3/29/1991	
<b>WELL NAME</b> GANSO STATE #2 (CURRENT 10/21)		<b>SECTION</b> 32	<b>TWP.</b> 20-G	<b>RANGE</b> 33-E	<b>COUNTY / STATE</b> LEA / NM	<b>COMP. DATE</b> 5/1/1991	
<b>FOOTAGE</b> 1650' FSL & 2310' FEL		<b>ELEVATION =</b> 3630'	<b>KELLY BUSHING =</b>	<b>STATUS</b> OIL		<b>TOTAL DEPTH =</b> 8380'	
<b>FIELD/POOL/AREA</b> HAT MESA			<b>Size</b>	<b>Ska. Cwt.</b>	<b>Circ Depth</b>	<b>Weight</b>	
<b>LOCATION DESCRIPTION</b> 29 MI NE OF LOVING, NM							
		<b>SURF. CASING</b>	13 3/8"	315	Surface	54.5#	
		<b>INT. CASING</b>	8 5/8"	1200	Surface	24# & 32#	
		<b>CASING</b>	5 1/2"	1165		17#	
<b>Depth ft.</b>		<b>Description</b>			<b>O.D.</b>	<b>Length</b>	<b>Depth</b>
300		13 3/8" CSG. 54.5# @ 342' w/315 sacks					
1000							
2000							
3000							
4000		8 5/8" CSG. 24# & 32# SET @ 3130' w/1200 sacks					
5000							
6000		DV TOOL @ 8000' 2ND STAGE 850sx					
		TAC @ 8407 IN 1992					
		(A SAND) PERF: 6603'-6703' (12 HOLES) ACIDIZED w/ 900GAL 7.5% NEFE, FRAC w/30,000# 16/30					
		(D1 D2 SAND) PERF: 6906'-6906' (19 HOLES) ACIDIZED w/1750GAL 7.5% NEFE, FRAC w/32,500# 16/30					
7000		(E SAND) PERF: 7071'-7082' (22 HOLES) ACIDIZED w/1900GAL 7.5% NEFE, FRAC w/34,000# 16/30					
		(F SAND) PERF: 7151'-7200' (14 HOLES) ACIDIZED w/1500GAL 7.5% NEFE					
		48,500 20/40					
		10,000 16/30 RC					
8000		(J SAND) PERF: 8089'-8121' (18 HOLES) ACIDIZED w/1700GAL 7.5% NEFE, FRAC w/56,000#					
		148,000 20/40					
		10,000 16/30 RC					
8500		MUD JOINT @ 8300'					
	5 1/2" CSG. 17# SET @ 8380' w/ 1165 sacks 315sx FIRST STAGE						
	TD = 8380' PBTD = 8339'						
<b>COMMENTS:</b> CUMULATIVE PRODUCTION OF 174,730 BBLs OF OIL AS OF 02/14 ORIGINAL PERFS TESTED @ 125 BOPD PERFS @ 8693, 8906, AND 8089 FROM JULY 92 RECOMPLETION				<input checked="" type="checkbox"/> Existing Pecker <input type="checkbox"/> Tubing Anchor <input type="checkbox"/> Perfs-Open <input checked="" type="checkbox"/> Perfs-Squeezed		<b>STRATA PRODUCTION CO.</b> P.O. BOX 1030 ROSWELL, NEW MEXICO 88202  Revised 07/11/2014	

<b>COMPANY</b> STRATA PRODUCTION CO.		<b>LEASE TYPE</b> <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/> FEDERAL			<b>API NO.</b> #30-025-31127		<b>SPUD DATE</b> 3/29/1991		
<b>WELL NAME</b> GANSO STATE #2 (PROPOSED)		<b>SECTION</b> 32		<b>TWP.</b> 20-S		<b>RANGE</b> 33-E		<b>COUNTY / STATE</b> LEA / NM	
<b>FOOTAGE</b> 1650' FBL & 2310' FEL		<b>ELEVATION =</b> 3630'		<b>KELLY BUSHING =</b>		<b>STATUS</b> OIL		<b>TOTAL DEPTH =</b> 8380'	
<b>FIELD/POOL AREA</b> HAT MESA		<b>Size</b>		<b>Sls. Cnt.</b>		<b>Circ. Depth</b>		<b>Weight</b>	
<b>LOCATION DESCRIPTION</b> 29 MI NE OF LOVING, NM		SURF. CASING		13-3/8"		315		Surface 54.5#	
		INT. CASING		8-5/8"		1,200		Surface 24# & 32#	
		CASING		5-1/2"		1,165		17#	
<b>Depth ft.</b>		<b>Description</b>		<b>O.D.</b>		<b>Length</b>		<b>Depth</b>	
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 @ 8000' 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: 6693'-6703' (12 HOLES) ACIDIZED w/ 600GAL 7.5% NEFE, FRAC w/30,000# 18/30							
		[D/ D2 SAND] PERF: 6906'-6990' (19 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							
		[J SAND] PERF: 8069'-8121' (18 HOLES) ACIDIZED w/1700GAL 7.5% NEFE, FRAC w/56,000#							
		148,000 20/40							
		10,000 18/30 RC							
		MUD JOINT @ 8300'							
8500		5 1/2" CBG. 17# SET @ 8380' w/ 1165 sacks 315xK FIRST STAGE							
		TD = 8380' PBTD = 8339'							
<b>COMMENTS:</b> CUMULATIVE PRODUCTION OF 196,680 BBLs OF OIL AS OF 05/21									
		<b>STRATA PRODUCTION CO.</b> 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

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 811 S. First St., Artesia, NM 88210  
 Phone:(575) 748-1283 Fax:(575) 748-9720

**District III**  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 Phone:(505) 334-6178 Fax:(505) 334-6170

**District IV**  
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 Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**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