

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

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.)		WELL API NO. 30-025-25709
1. Type of Well: Oil Well ☐ Gas Well ☐ Other INJECTION		5. Indicate Type of Lease STATE ☒ FEE ☐
2. Name of Operator MORNINGSTAR OPERATING LLC		6. State Oil & Gas Lease No.
3. Address of Operator 400 W 7TH ST, FORT WORTH, TX 76102		7. Lease Name or Unit Agreement Name CENTRAL VACUUM UNIT
4. Well Location Unit Letter <u>L</u> : <u>1336</u> feet from the <u>S</u> line and <u>1201</u> feet from the <u>W</u> line Section <u>31</u> Township <u>17S</u> Range <u>35E</u> NMPM County <u>LEA</u>		8. Well Number <u>085</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3982' GL		9. OGRID Number 330132
		10. Pool name or Wildcat VACUUM; GRAYBURG-SAN ANDRES

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
 TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
 PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
 DOWNHOLE COMMINGLE ☐
 CLOSED-LOOP SYSTEM ☐
 OTHER: ADD PERFS ☒

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

MorningStar Operating requests approval of the following procedure:

- Pull pkr and scan injection tbg.
- RIH workstring and bit to cleanout to ~4,752' pbtd.
- Add perfs from 4286'-4340'. (existing perfs 4361'-4714')
- Pump a 5000gal 15% HCl stimulation.
- RIH and set inj pkr at ~ 4,190' (within 100' of proposed top perf at 4,286').
- o We request approval to be able to set pkr up to 3,928'. This is the top of the unitized interval in this wellbore as correlated from R-5530.
- RIH scanned or new inj string.
- Perform MIT test.
- Return well to injection.

Spud Date:

Rig Release Date:

**Condition of Approval: notify
 OCD Hobbs office 24 hours
 prior of running MIT Test & Chart**

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

SIGNATURE Connie Blaylock TITLE Regulatory Analyst DATE 08/01/2024

Type or print name Connie Blaylock E-mail address: cblaylock@txoenergy.com PHONE: 817-334-7882

For State Use Only

APPROVED BY: Kerry Fortner TITLE Compliance Officer A DATE 8/7/24
 Conditions of Approval: (--- ---)

CVU 85 Wellbore Diagram CURRENT

Lease: Central Vacuum Unit
Well #: 85
Field: Vacuum Grayburg San Andres
County: Lea St.: NM
CHEVNO: EP8749
API: 30-025-25709
Status: Active CO2 Injector

Unit Ltr.: L Section: 31
TSHP/Rng: 17S / 35E
Surf. Loc.: 1336' FSL 1201' FWL
Directions: Buckeye, NM
OGRID: 4323

Surface Casing

Size: 13 3/8"
Wt., Grd.: 54.5# K-55
Depth: 358'
Sxs Cmt: 400
Circulate: yes; 50 sx
TOC: Surface
Hole Size: 17-1/2"

KB: 3994'
DF: 3993'
GL: 3982'
Ini. Spud: 03/18/79
Ini. Comp.: 04/17/79

Intermediate Casing

Size: 9-5/8"
Wt., Grd.: 32# K-55
Depth: 1500'
Sxs Cmt: 800
Circulate: yes; 75 sx
TOC: surface
Hole Size: 12-1/4"

Tubing Strings									
Tubing Description		Planned Run?			Set Depth (MD) (ftKB)			Set Depth (TVD) (ftKB)	
Tubing		N			4,276.8				
Run Date		Run Job			Pull Date			Pull Job	
11/19/2018		Mechanical Integrity Test, 11/8/2018 13:00							
Jts	Item Des	OD (in)	ID (in)	WT (lb/ft)	Grade	Top Thread	Len (ft)	Top (ftKB)	Btm (ftKB)
1	Tubing	2 3/8	1.995	4.60	J-55		30.95	4.8	35.7
1	Tubing Pup Joint	2 3/8	1.995	4.60	J-55		8.11	35.7	43.8
136	Tubing	2 3/8	1.995	4.60	J-55		4,224.2	43.8	4,268.0
1	On-Off Tool	3 3/4	1.430				1.87	4,268.0	4,269.9
1	Packer	3 3/4	1.875				6.93	4,269.9	4,276.8

Production Casing

Size: 4-1/2"
Wt., Grd.: 10.5#, K-55
Depth: 4800'
Sxs Cmt: 2,400
Circulate: yes; 250 sx
TOC: Surface
Hole Size: 7 7/8"

Perfs: 4361' - 4714'. 250perfs

4/17/1979: 4361,67,83. 4404,10,20,22,28,36,48,54,71.
4508,63,80,86,95. 4602,09,24,72,81,92,99. 4705
10/02/1999: 4416-4422, 4426-4432, 4446-4457, 4505-4512, 4580-4612, 4675-4714

PBTD: 4752'

TD: 4800'

3/16/2023 Slickline RIH with 1.25" sample bailer. Tag 4270' (started dragging weight 200' prior to setting down... possible too much weight stacked on pkr?)

CVU 85 Wellbore Diagram PROPOSED

Lease:	Central Vacuum Unit		
Well #:	85		
Field:	Vacuum Grayburg San Andres	Unit Ltr.:	L
County:	Lea	St.:	NM
CHEVNO:	EP8749	Section:	31
API	30-025-25709	TSHP/Rng:	17S / 35E
Status:	Active CO2 Injector	Surf. Loc.:	1336' FSL 1201' FWL
		Directions:	Buckeye, NM
		OGRID:	4323

Surface Casing

Size:	13 3/8"
Wt., Grd.:	54.5# K-55
Depth:	358'
Sxs Cmt:	400
Circulate:	yes; 50 sx
TOC:	Surface
Hole Size:	17-1/2"

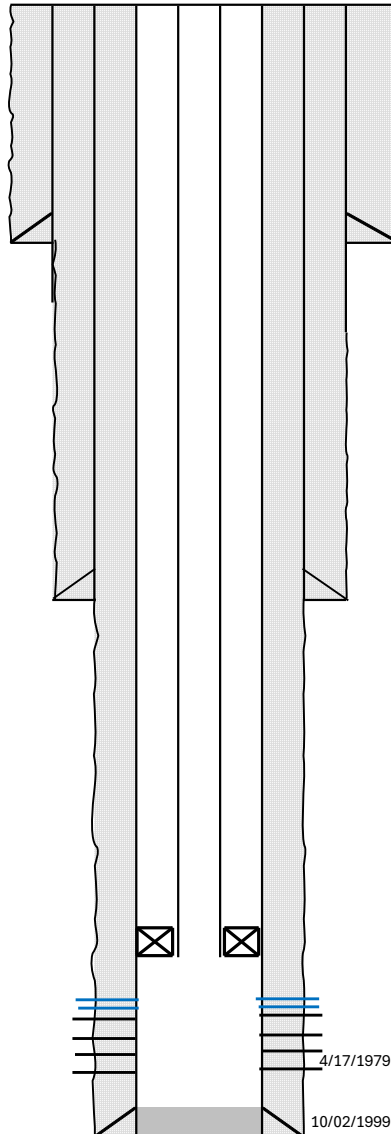
KB:	3994'
DF:	3993'
GL:	3982'
Ini. Spud:	03/18/79
Ini. Comp.:	04/17/79

Intermediate Casing

Size:	9-5/8"
Wt., Grd.:	32# K-55
Depth:	1500'
Sxs Cmt:	800
Circulate:	yes; 75 sx
TOC:	surface
Hole Size:	12-1/4"

Production Casing

Size:	4-1/2"
Wt., Grd.:	10.5#, K-55
Depth:	4800'
Sxs Cmt:	2,400
Circulate:	yes; 250 sx
TOC:	Surface
Hole Size:	7 7/8"



Proposed Perfs: 4,286'-4,340'

4,286-90, 4300-04, 4306-09, 4319-23, 4334-40'.

Perfs: 4361' - 4714'. 250perfs

4/17/1979: 4361,67,83. 4404,10,20,22,28,36,48,54,71.

4508,63,80,86,95. 4602,09,24,72,81,92,99. 4705

10/02/1999: 4416-4422, 4426-4432, 4446-4457, 4505-4512, 4580-

4612, 4675-4714

PBTD: 4752'

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CONDITIONS

Action 369275

CONDITIONS

Operator: MorningStar Operating LLC 400 W 7th St Fort Worth, TX 76102	OGRID: 330132
	Action Number: 369275
	Action Type: [C-103] NOI Workover (C-103G)

CONDITIONS

Created By	Condition	Condition Date
kfortner	Run PWOT MIT/BHT	8/7/2024