

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. 30-025-40470
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
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>H</u> : <u>1855</u> feet from the <u>N</u> line and <u>855</u> feet from the <u>E</u> line Section <u>36</u> Township <u>17S</u> Range <u>34E</u> NMPM County <u>LEA</u>		8. Well Number <u>366</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3992 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:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input 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"/>	ADD PERFS <input checked="" 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.

MorningStar Operating requests approval for the following procedure to add upper San Andres perfs:

1. Pull tbg and ESP.
2. Run bit and scraper run to TD of 4,990'.
3. Perforate new lower SA from 4,656'-4,860'.
4. Acidize entire perf interval with diversion from 4,656'-4,970'.
5. Set CIBP at ~ 4,625'
6. Perforate new upper SA from 4,369'-4,593'.
7. RIH 3.5" workstring and inj packer. Frac upper SA perfs. POOH Workstring and inj packer.
8. RIH and drillout CIBP and cleanout to PBTD ~4,990'.
9. RIH new ESP and RWTP.

Attached are a current and proposed WBD.

Spud Date:

Rig Release Date:

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 04/11/2023

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 4/12/23

Conditions of Appro

CVU #366 Wellbore Diagram

Current

Lease: Central Vacuum Unit
 Field: Vacuum
 Surf. Loc.: 1855' FNL & 855' FEL
 Bot. Loc.:
 County: Lea St.: NM
 Status: Active Oil Well

Well #: 366 St. Lse: 30-025-40470
 API: H Section: 36
 Unit Ltr.: 17S / 34E
 TSHP/Rng: 32.794N / 103.508W
 LAT/LONG: Buckeye, NM
 TSHP/Rng: NI4006
 Directions: NI4006
 CHEVNO:

Surface Casing

Size: 11 3/4"
 Wt., Grd.: 42#, H-40 STC
 Depth: 1,516'
 Cmt: 368 bbls
 Circulate: Yes, 66 bbl
 TOC: Surface
 Hole Size: 14 3/4"

Intermediate Casing

Size: 8 5/8"
 Wt., Grd.: 32#, J-55
 Depth: 3,218'
 Cmt: 421 bbls
 Circulate: Yes, 27 bbls
 TOC: Surface
 Hole Size: 11"

Production Casing

Size: 5 1/2"
 Wt., Grd.: 17# J-55
 Depth: 5,076'
 Cmt: 249 bbls
 Circulate: Yes, 90 bbls
 TOC: Surface
 Hole Size: 7 7/8"

Perforations

4872-4970'

4872 4890

4890 4910

4910 4930

4930 4950

4950 4970

PBTD: 4,990'

TD: 5,076'

KB: 4,011
 DF:
 GL: 3,992
 Ini. Spud: 12/24/12
 Ini. Comp.: 02/15/13

CUSTOMER		CHEVRON		EQUIPMENT INFORMATION	
LEASE	CVU				
WELL	366				
DATE	January 24, 2022				
		NO.	LENGTH		
KB			19.00		
TOP SUB			7.80		
27/8" BLUE BRD TUBING	1.47		4708.47		
Seal Needle			1.10		
27/8" DRILL			0.40		
BOTTOM SUB			4.10		
Top of Equipment			4738.87		
		OD/MODEL	TYPE	LENGTH	STAGES
Discharge	400	B/C CS		0.00	
Pump	400PMS/D	FLYER		23.13	134
Pump	400PMS/D	M/PER		13.00	89
Pump	400PMS/D	GNPSHL		10.00	24
Pump					
Pump					
Pump					
Pump					
TOTAL STAGES:				227	
		OD/MODEL	TYPE	LENGTH	
GAS SPRING		GM2TV	GASSEP	4.30	
		Intake Setting Depth		4790.20	
		Desired Intake Setting Depth		4790.20	
		MODEL		LENGTH	
Seal	FSB30B UT HS NO. PNT	SB/SS PFSA		6.10	
Seal	FSB30B HS FER SSCV SB/SS PFSA HL			6.10	
		O.D. TYPE	LENGTH	HP	VOLTAGE
Motor	450SP		17.22	132	2910
Motor					29
Motor					
TOTALS				132	2910 29
		MOD/LOD	TYPE	LENGTH	
Sensor	456FL	GA SPVPRO		2.00	
Sensor					
		Disander	NA	0.00	
		Tailpipe			
		Misc			
		Misc			
		Misc			
Total ESP Equipment Length				82.75	
Bottom of ESP Equipment String				4821.62	



CVU #366 Wellbore Diagram PROPOSED RECOMPLETE

Lease:	Central Vacuum Unit
Field:	Vacuum
Surf. Loc.:	1855' FNL & 855' FEL
Bot. Loc.:	
County:	Lea St.: NM
Status:	Active Oil Well

Well #:	366	St. Lse:	
API	30-025-40470		
Unit Ltr.:	H	Section:	36
TSHR/Rng:	17S / 34E		
LAT/LONG	32.794N / 103.508W		
TSHR/Rng:			
Directions:	Buckeye, NM		
CHEVNO:	NI4006		

Surface Casing

Size:	11 3/4"
Wt., Grd.:	42#, H-40 STC
Depth:	1,516'
Cmt:	368 bbls
Circulate:	Yes, 66 bbl
TOC:	Surface
Hole Size:	14 3/4"

KB:	4,011
DF:	
GL:	3,992
Ini. Spud:	12/24/12
Ini. Comp.:	02/15/13

Intermediate Casing

Size:	8 5/8"
Wt., Grd.:	32#, J-55
Depth:	3,218'
Cmt:	421 bbls
Circulate:	Yes, 27 bbls
TOC:	Surface
Hole Size:	11"

Proposed add perms to TZ and lower MPZ.
Acidize all perms with diversion.

Proposed set plug and add upper portion of
SA_L MPZ, LVGN MPZ, and SA_U MPZ. Frac
with XL gel.

Cleanout to PBTD of 4,990'.

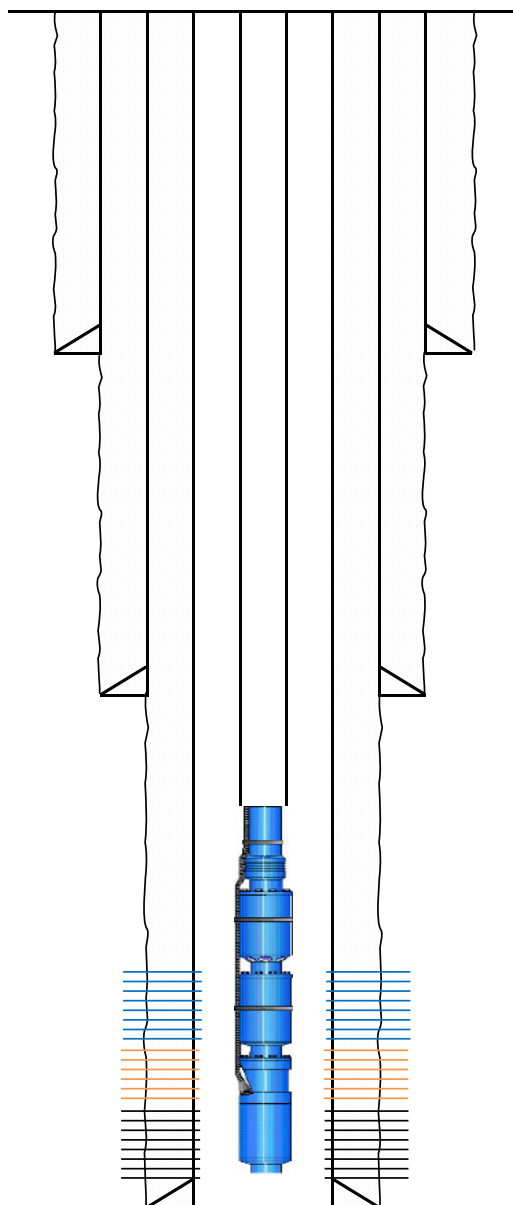
Install new ESP and RWTP.

Production Casing

Size:	5 1/2"
Wt., Grd.:	17# J-55
Depth:	5,076'
Cmt:	249 bbls
Circulate:	Yes, 90 bbls
TOC:	Surface
Hole Size:	7 7/8"

Perforations

4,369'-4,593' with 2spf 124holes
4,656'-4,860' with 2spf 314holes
4,872'-4,970' with 2spf 196holes



PBTD:	4,990'
TD:	5,076'

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
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
1220 S. St Francis Dr., Santa Fe, NM 87505
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 206493

CONDITIONS

Operator: MorningStar Operating LLC 400 W 7th St Fort Worth, TX 76102	OGRID: 330132
	Action Number: 206493
	Action Type: [C-103] NOI Workover (C-103G)

CONDITIONS

Created By	Condition	Condition Date
kfortner	None	4/12/2023