

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 Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico

Form C-101
Revised July 18, 2013

Energy Minerals and Natural Resources

Oil Conservation Division

☐ AMENDED REPORT

1220 South St. Francis Dr.

Santa Fe, NM 87505

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address Rubicon Oil & Gas, LLC 508 W Wall Avenue, Suite 1220, Midland, TX 79701		² OGRID Number 194266
		³ API Number 30-015-24360
⁴ Property Code 330684	⁵ Property Name Flyer	⁶ Well No. #001

⁷ Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
E F	27	23S	28E		1980'	N	1980'	W	Eddy

⁸ Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County

⁹ Pool Information

Pool Name LOVING;BRUSHY CANYON, EAST	Pool Code 40350
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Additional Well Information

¹¹ Work Type P	¹² Well Type O	¹³ Cable/Rotary	¹⁴ Lease Type P	¹⁵ Ground Level Elevation 3043
¹⁶ Multiple No	¹⁷ Proposed Depth 6698'	¹⁸ Formation Brushy Canyon	¹⁹ Contractor	²⁰ Spud Date 12/30/1982
Depth to Ground water 500'	Distance from nearest fresh water well		Distance to nearest surface water	

☐ We will be using a closed-loop system in lieu of lined pits²¹ Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surface	12-1/4"	9-5/8"	36#	502'	275 sks	Surface
Production	7-7/8"	5-1/2"	17#	6740'	2475 sks	Surface

Casing/Cement Program: Additional Comments

See attached current and proposed wellbore diagrams - proposed to set CIBP at 6260' with 35' cement over existing perfs, new perfs 5800-6240'

²² Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

I further certify that I have complied with 19.15.14.9 (A) NMAC ☐ and/or 19.15.14.9 (B) NMAC ☐, if applicable.

Signature: 

Printed name: Ann Ritchie

Title: Regulatory

E-mail Address: ann.wtor@gmail.com

Date: 01/24/2022

Phone: 281-944-9513

OIL CONSERVATION DIVISION

Approved By:

Title:

Approved Date:

Expiration Date:

Conditions of Approval Attached

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

RECEIVED Form C-128
Supersedes C-128
Effective 1-1-55

All distances must be from the outer boundaries of the Section

DEC 22 1982

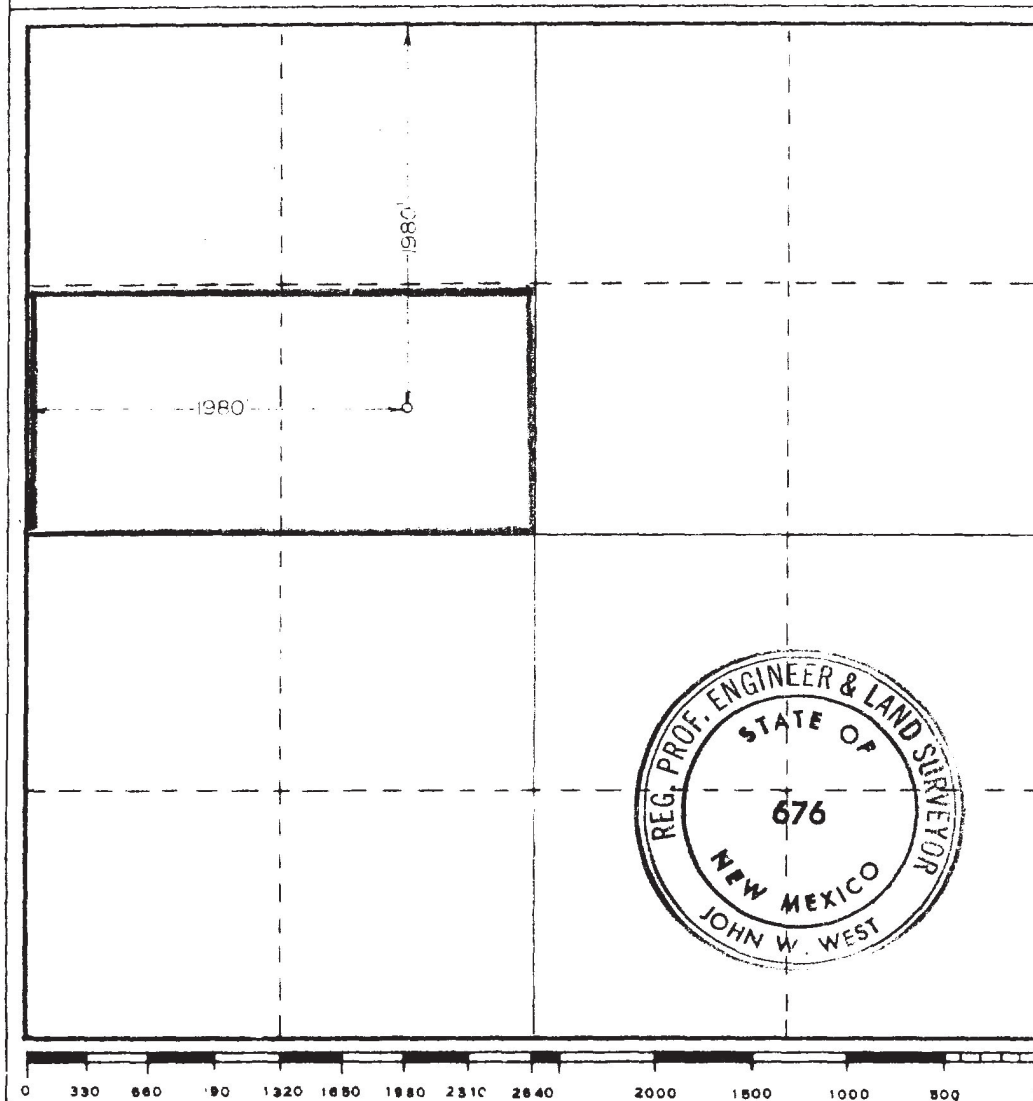
Operator GLENN COPE			Lease FLYER			Well No. 1		
Unit Letter F	Section 27	Township 23 SOUTH	Range 28 EAST	County ARTESIA, EDDY				
Actual Footage Location of Well: 1980 feet from the NORTH line and 1980 feet from the WEST line								
Ground Level Elev 3043.4	Producing Formation Brushy Canyon		Pool LOVING; BRUSHY CANYON, EAST			Dedicated Acreage: 80 Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

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

Glenn Cope
Name

Glenn Cope

Position
Owner

Company
Glenn Cope

Date
December 22, 1982

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
12-20-82

Registered Professional Engineer and Land Surveyor

John W. West
Certificate No.

JOHN W. WEST N.M. #676

State of New Mexico
Energy, Minerals and Natural Resources Department

Submit Electronically
Via E-permitting

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

NATURAL GAS MANAGEMENT PLAN

This Natural Gas Management Plan must be submitted with each Application for Permit to Drill (APD) for a new or recompleted well.

Section 1 – Plan Description

Effective May 25, 2021

I. Operator: Rubicon Oil & Gas, LLC **OGRID:** 194266 **Date:** 12/20/2021

II. Type: ☒ Original ☐ Amendment due to ☐ 19.15.27.9.D(6)(a) NMAC ☐ 19.15.27.9.D(6)(b) NMAC ☐ Other.

If Other, please describe: Recompletion

III. Well(s): Provide the following information for each new or recompleted well or set of wells proposed to be drilled or proposed to be recompleted from a single well pad or connected to a central delivery point.

Well Name	API	ULSTR	Footages	Anticipated Oil BBL/D	Anticipated Gas MCF/D	Anticipated Produced Water BBL/D
Flyer 1	30-015-24360	F-27-23S-28E	1980FNL, 1980FWL	10 BOPD	100 MCFPD	30 BWPD

IV. Central Delivery Point Name: FLYER 1 BATTERY [See 19.15.27.9(D)(1) NMAC]

V. Anticipated Schedule: Provide the following information for each new or recompleted well or set of wells proposed to be drilled or proposed to be recompleted from a single well pad or connected to a central delivery point.

Well Name	API	Spud Date	TD Reached Date	Completion Commencement Date	Initial Flow Back Date	First Production Date
Flyer 1	30-015-24360			3/1/22	3/3/22	3/3/22

VI. Separation Equipment: ☒ Attach a complete description of how Operator will size separation equipment to optimize gas capture.

VII. Operational Practices: ☒ Attach a complete description of the actions Operator will take to comply with the requirements of Subsection A through F of 19.15.27.8 NMAC.

VIII. Best Management Practices: ☒ Attach a complete description of Operator's best management practices to minimize venting during active and planned maintenance.

Section 2 – Enhanced Plan

EFFECTIVE APRIL 1, 2022

Beginning April 1, 2022, an operator that is not in compliance with its statewide natural gas capture requirement for the applicable reporting area must complete this section.

☒ Operator certifies that it is not required to complete this section because Operator is in compliance with its statewide natural gas capture requirement for the applicable reporting area.

IX. Anticipated Natural Gas Production:

Well	API	Anticipated Average Natural Gas Rate MCF/D	Anticipated Volume of Natural Gas for the First Year MCF

X. Natural Gas Gathering System (NGGS):

Operator	System	ULSTR of Tie-in	Anticipated Gathering Start Date	Available Maximum Daily Capacity of System Segment Tie-in

XI. Map. ☐ Attach an accurate and legible map depicting the location of the well(s), the anticipated pipeline route(s) connecting the production operations to the existing or planned interconnect of the natural gas gathering system(s), and the maximum daily capacity of the segment or portion of the natural gas gathering system(s) to which the well(s) will be connected.

XII. Line Capacity. The natural gas gathering system ☐ will ☐ will not have capacity to gather 100% of the anticipated natural gas production volume from the well prior to the date of first production.

XIII. Line Pressure. Operator ☐ does ☐ does not anticipate that its existing well(s) connected to the same segment, or portion, of the natural gas gathering system(s) described above will continue to meet anticipated increases in line pressure caused by the new well(s).

☐ Attach Operator's plan to manage production in response to the increased line pressure.

XIV. Confidentiality: ☐ Operator asserts confidentiality pursuant to Section 71-2-8 NMSA 1978 for the information provided in Section 2 as provided in Paragraph (2) of Subsection D of 19.15.27.9 NMAC, and attaches a full description of the specific information for which confidentiality is asserted and the basis for such assertion.

Section 3 - Certifications**Effective May 25, 2021**

Operator certifies that, after reasonable inquiry and based on the available information at the time of submittal:

☒ Operator will be able to connect the well(s) to a natural gas gathering system in the general area with sufficient capacity to transport one hundred percent of the anticipated volume of natural gas produced from the well(s) commencing on the date of first production, taking into account the current and anticipated volumes of produced natural gas from other wells connected to the pipeline gathering system; or

☐ Operator will not be able to connect to a natural gas gathering system in the general area with sufficient capacity to transport one hundred percent of the anticipated volume of natural gas produced from the well(s) commencing on the date of first production, taking into account the current and anticipated volumes of produced natural gas from other wells connected to the pipeline gathering system.

If Operator checks this box, Operator will select one of the following:

Well Shut-In. ☐ Operator will shut-in and not produce the well until it submits the certification required by Paragraph (4) of Subsection D of 19.15.27.9 NMAC; or

Venting and Flaring Plan. ☐ Operator has attached a venting and flaring plan that evaluates and selects one or more of the potential alternative beneficial uses for the natural gas until a natural gas gathering system is available, including:

- (a) power generation on lease;
- (b) power generation for grid;
- (c) compression on lease;
- (d) liquids removal on lease;
- (e) reinjection for underground storage;
- (f) reinjection for temporary storage;
- (g) reinjection for enhanced oil recovery;
- (h) fuel cell production; and
- (i) other alternative beneficial uses approved by the division.

Section 4 - Notices

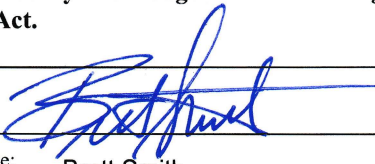
1. If, at any time after Operator submits this Natural Gas Management Plan and before the well is spud:

(a) Operator becomes aware that the natural gas gathering system it planned to connect the well(s) to has become unavailable or will not have capacity to transport one hundred percent of the production from the well(s), no later than 20 days after becoming aware of such information, Operator shall submit for OCD's approval a new or revised venting and flaring plan containing the information specified in Paragraph (5) of Subsection D of 19.15.27.9 NMAC; or

(b) Operator becomes aware that it has, cumulatively for the year, become out of compliance with its baseline natural gas capture rate or natural gas capture requirement, no later than 20 days after becoming aware of such information, Operator shall submit for OCD's approval a new or revised Natural Gas Management Plan for each well it plans to spud during the next 90 days containing the information specified in Paragraph (2) of Subsection D of 19.15.27.9 NMAC, and shall file an update for each Natural Gas Management Plan until Operator is back in compliance with its baseline natural gas capture rate or natural gas capture requirement.

2. OCD may deny or conditionally approve an APD if Operator does not make a certification, fails to submit an adequate venting and flaring plan which includes alternative beneficial uses for the anticipated volume of natural gas produced, or if OCD determines that Operator will not have adequate natural gas takeaway capacity at the time a well will be spud.

I certify that, after reasonable inquiry, the statements in and attached to this Natural Gas Management Plan are true and correct to the best of my knowledge and acknowledge that a false statement may be subject to civil and criminal penalties under the Oil and Gas Act.

Signature:	
Printed Name:	Brett Smith
Title:	Manager
E-mail Address:	cpearce@rubiconoilandgas.com
Date:	12/20/21
Phone:	432-687-5100

<p style="text-align: center;">OIL CONSERVATION DIVISION (Only applicable when submitted as a standalone form)</p>
Approved By:
Title:
Approval Date:
Conditions of Approval:

Operational Practices

19.15.27.8 (A) Venting and Flaring of Natural Gas

Rubicon Oil & Gas, LLC understands the requirements of NMAC 19.15.27.8 which states that the venting and flaring of natural gas during drilling, completion or production that constitutes waste as defined in 19.15.2 are prohibited.

19.15.27.8 (B) Venting and flaring during drilling operations

1. Rubicon's Flyer #1 (API 30-015-24360) well is existing and therefore will not be performing drilling operations.

19.15.27.8 (C) Venting and flaring during completion or recompletion

During completion operations, Rubicon utilizes the following:

1. Rubicon facilities are built and ready from day 1 of flowback
2. A heater treater has been set to properly separate gas and liquids. See **attachment** for details on Separation Equipment used by Rubicon.

19.15.27.8 (D) Venting and flaring during production operations.

Rubicon will not vent or flare natural gas except under the following circumstances:

1. During an emergency or malfunction
2. To unload or clean-up liquid holdup in a well to atmospheric pressure, provided
 - a) Rubicon does not vent after the well achieves a stabilized rate and pressure
 - b) Rubicon will remain present on-site during liquids unloaded by manual purging and takes all reasonable actions to achieve a stabilized rate and pressure at the earliest practical time
 - c) Best management practices will be used during downhole well maintenance.
3. During the following activities unless prohibited
 - a) Gauging or sampling a storage tank or low-pressure production vessel
 - b) Loading out liquids from a storage tank
 - c) Repair and maintenance
 - d) Normal operation of a gas-activated pneumatic controller or pump
 - e) Normal operation of a storage tank
 - f) Normal operations of compressors, compressor engines, turbines, valves, flanges, and connectors
 - g) During a bradenhead, packer leakage test, or production test lasting less than 24 hours
 - h) When natural gas does not meet the gathering pipeline specifications
 - i) Commissioning of pipelines, equipment, or facilities only for as long as necessary to purge introduced impurities.

19.15.27.8 (E) Performance standards

1. Rubicon has a designated battery with a safety factor for all separation and storage equipment.
2. Facilities will be designed to minimize waste.
3. Rubicon will resolve emergencies as promptly as possible.

19.15.27.8 (F) Measurement or estimation of vented and flared natural gas

1. Rubicon's measuring equipment will conform to an industry standards.
2. Rubicon will estimate the volume of vented and flared natural gas based on the results of an annual GOR test for wells that do not require measuring equipment reported on form C-116.

South (15011)

Formation: Bone Spring

SHL: 1980' FNL & 1980' FWL, Sec
27 -23S-28E, UL E F, Eddy County,
Texas

County/State: Eddy, TX

Flyer 1

Rubicon Oil & Gas, LLC

API No. 30-015-24360

CURRENT WBD

RRC Lease #: 330684

Completed: 1/25/83

Spud: 12/30/1982

Bit Size: 12 1/4"

9 5/8" 36# J-55 @ 502' w/class C. Circ to surf.

KB: 3055'

GL: 3043'

DV Tool @ 2600'

DV Tool @ 5507'

Perfs: 6310-6604' 1 SPF 60 holes

Bit Size: 7-7/8"

5-1/2" 17# K-55 @ 6740', CMT stage 1 w/275 sxs,

CMT stage 2 w/800 sxs, CMT stage 3 w/1400 sxs

PBD: 6698'

TD: 6750'

WellheadPumping Unit Lufkin 160-200-64 w/30hp

Ajax, 64" SL, 9 SPM

Tubing Configuration

KB Correction 12'

200 JTS 2 3/8" J55 6259'

2 3/8" x 5 1/2" TAC @6271' 3'

6 JTS 2 3/8" 189'

2 3/8" SN @ 6463' 1'

1 2 3/8" PS 4'

1 jt 2 3/8" J-55 BPMA 31'

EOT 6499'

Pump and Rods:

1 1/4" Polish rod/1 1/2" 10' liner 22'

18' 7/8 ponies (6,6,4,2) 18'

89x 7/8" SHSM D rods 2225'

160x 3/4" D rods 4000'

2x 1" C sinkers 50'

5x 1 1/2" C sinkers 125'

20-125- -16-5 16'

6" x 16' gas anchor

Total 6468'

Completion Workover History:

12/30/82 - D&C: Drill well & set CSG, Shoot

6310-6604' 1 SPF, 60 holes, frac w/80Mgal gel
& 180M# sand

LRG 8/27/21

South (15011)

Formation: Bone Spring

SHL: 1980' FNL & 1980' FWL, Sec
27 -23S-28E, UL E F, Eddy County,
Texas

County/State: Eddy, TX

Flyer 1

Rubicon Oil & Gas, LLC

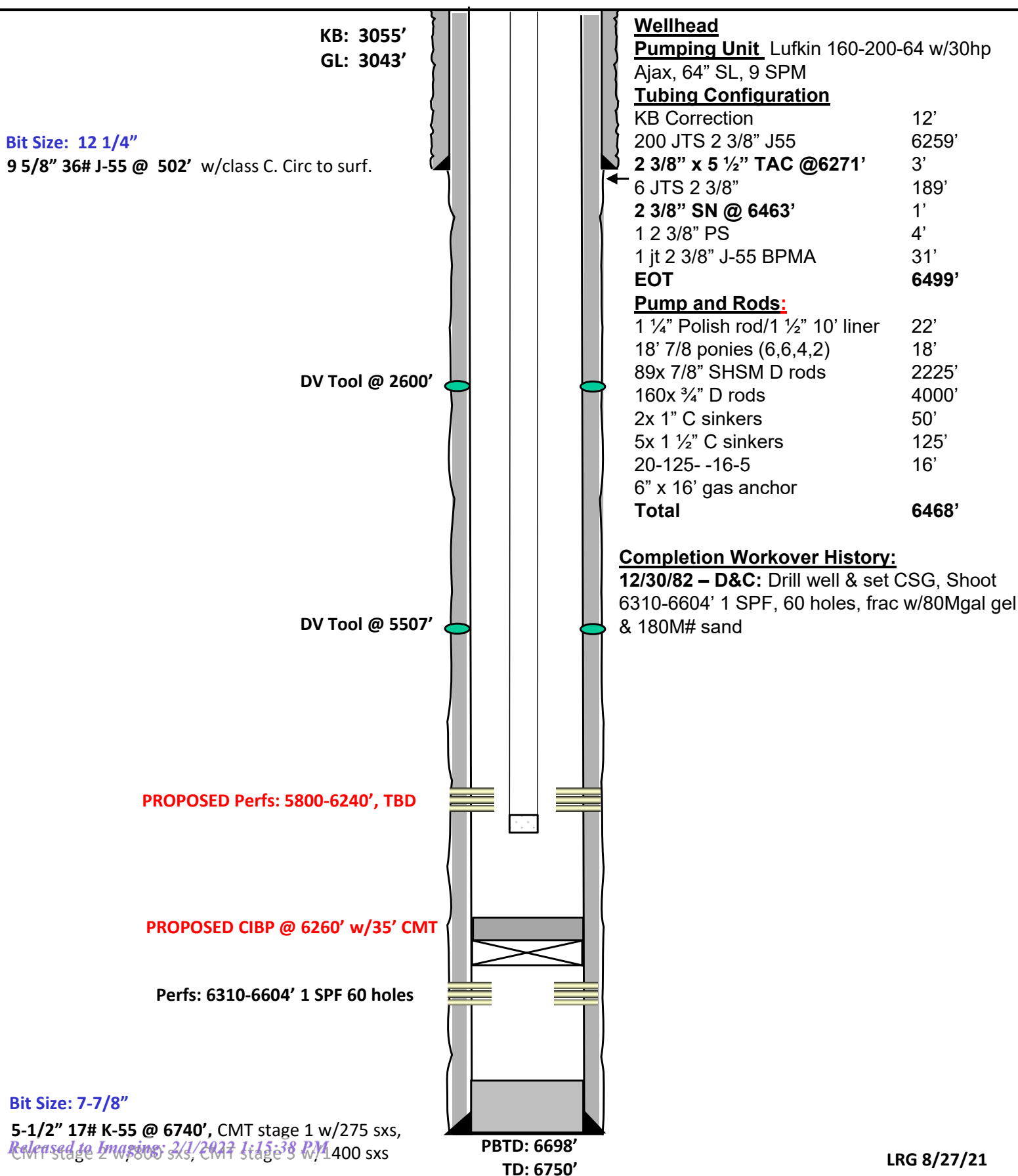
API No. 30-015-24360

PROPOSED WBD

RRC Lease #: 330684

Completed: 1/25/83

Spud: 12/30/1982



Bit Size: 7-7/8"

5-1/2" 17# K-55 @ 6740', CMT stage 1 w/275 sxs,

Released to Imaging: 2/1/2022 1:15:38 PM
CMT stage 2 w/800 sxs, CMT stage 3 w/1400 sxs

LRG 8/27/21

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy <u>1053</u>	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt <u>1850</u>	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt <u>2387</u>	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres	T. Simpson	T. Gallup	T. Ignacio Qtzite
T. Glorieta	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinberry	T. Gr. Wash	T. Morrison	T.
T. Tubb	T. Granite	T. Todilto	T.
T. Drinkard	T. Delaware Sand <u>2595</u>	T. Entrada	T.
T. Abo	T. Bone Springs <u>6248</u>	T. Wingate	T.
T. Wolfcamp	T.	T. Chinle	T.
T. Penn.	T.	T. Permian	T.
T. Cisco (Bough C)	T.	T. Penn. "A"	T.

OIL OR GAS SANDS OR ZONES

No. 1, from 6356 to 6374 No. 4, from _____ to _____

No. 2, from _____ to _____ No. 5, from _____ to _____

No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____ feet

No. 2, from _____ to _____ feet

No. 3, from _____ to _____ feet

No. 4, from _____ to _____ feet

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
Surface	1053	1053	Limestone and redbear				
1053	1850	797	Anhydrite				
1850	2387	537	Salt				
2387	2595	208	Limestone				
2595	6248	3653	Sandstone & Gray Shale				
6248	6750	502	Shale and Sandstone				

District I

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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 74920

CONDITIONS

Operator: RUBICON OIL & GAS, LLC 508 W Wall Avenue Midland, TX 79701	OGRID: 194266
	Action Number: 74920
	Action Type: [C-101] Drilling Non-Federal/Indian (APD)

CONDITIONS

Created By	Condition	Condition Date
kpickford	• NSP Will require administrative order for non-standard spacing unit	2/1/2022
kpickford	Notify NMOCD 24 Hours Prior to beginning operations	2/1/2022