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

Form C-101
Revised July 18, 2013

Permit 365205

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

1. Operator Name and Address	2. OGRID Number
Tascosa Energy Partners, L.L.C 901 W. Missouri Ave Midland, TX 79701	329748
	3. API Number 30-015-20606

4. Property Code	5. Property Name	6. Well No.
326785	Nan-Bet Com	001

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
E	19	21S	26E		1980	N	660	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
E	19	21S	26E	E	1980	N	660	W	Eddy

9. Pool Information

CATCLAW DRAW;DELAWARE	10480

Additional Well Information

11. Work Type	12. Well Type	13. Cable/Rotary	14. Lease Type	15. Ground Level Elevation
Reentry	OIL		State	3363
16. Multiple	**17. Proposed Depth**	**18. Formation**	**19. Contractor**	**20. Spud Date**
N	3400'	Delaware Sand		5/16/2024
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

☒ **We will be using a closed-loop system in lieu of lined pits**

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	54	490	500	0
Int1	12.25	8.625	24	1894	750	0
Prod	7.875	5.5	17	10904	300	9500

Casing/Cement Program: Additional Comments

This is a reentry. Tascosa will perf and squeeze cement at ~4000' prior to completion.

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	5000	5000	CTI
Pipe	5000	5000	CTI
Blind	5000	5000	CTI

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief. **I further certify I have complied with 19.15.14.9 (A) NMAC ☐ and/or 19.15.14.9 (B) NMAC ☒, if applicable.**	**OIL CONSERVATION DIVISION**	
Signature: Alyssa McNear		
Printed Name: Alyssa McNear	Approved By:	
Title: Operations Manager	Title:	
Email Address: adavanzo@tascosaep.com	Approved Date:	Expiration Date:
Date: 5/10/24 Phone:	Conditions of Approval Attached	

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

Form APD Comments

Permit 365205

PERMIT COMMENTS

Operator Name and Address:	API Number:
Tascosa Energy Partners, L.L.C [329748]	
	Well: Nan-Bet Com #001

Created By	Comment	Comment Date
a.davanzo	This is a reentry of the Nan-Bet Com #1; API: 30-015-20606	5/9/2024

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
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

[1] API Number	[2] Pool Code	[3] Pool Name
30-015-20606	10480	Catclaw Draw; Delaware

[4] Property Code	[5] Property Name	[6] Well Number
326785	Nan-Bet	001

[7] OGRID No.	[8] Operator Name	[9] Elevation
329748	Tascosa Energy Partners, LLC.	3363

[10] Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	19	21S	26E		1980	N	660	W	Eddy

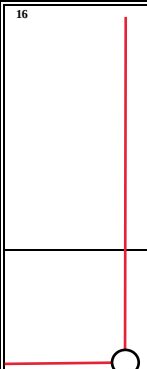
[11] Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
40			

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

[16]



[17] OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Alyssa McNear 5/10/24
Signature Date

Alyssa McNear
Printed Name

adavanzo@tascosaep.com
E-mail Address

[18] SURVEYOR CERTIFICATION

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 belief.

James H. Brown; 3/18/1972 #542
Date of Survey

Signature and Seal of Professional Surveyor:

original survey in OCD file by James H. Brown #542

Certificate Number

Nan-Bet Reentry – Natural Gas Management Plan

VI. Separation Equipment:

Tascosa has sized a separator and a heater treater to allow for complete separation at our anticipated rates, with adequate retention times. Tank vapors will also be captured through a vapor recovery unit and sent to the DCP sale line.

VII. Operational Practices:

a. Drilling Operations – Tascosa will ensure that a flare stack is set at least 100' from the wellbore during drilling operations. This flare stack will be properly sized to handle the maximum expected release, ensuring that all natural gas produced during drilling operations can be flared (unless there is an equipment malfunction or if venting is necessary for safety reasons).
b. Completion Operations – Prior to flowback, Tascosa will ensure that the well is connected to a gathering system that can handle the expected gas volumes. During flowback, natural gas will be separated and flared until it is within the specs of the contracted gathering system (DCP).
c. Production Operations – Tascosa will conduct weekly AVO inspections and tackle equipment failures with haste. The emergency flare on location will be equipped with an auto-ignition, capable of handling the maximum expected release. Sight glasses and automation will be installed on all tanks to eliminate gas releases due to gauging through thief hatches. A VRU and VRT will also be installed to capture tank vapors and reduce waste.
d. Performance Standards –
    a. Tascosa will design completion and production equipment for maximum expected output and pressure to eliminate venting.
    b. A properly sized flare stack will be placed at the facility with an automatic ignitor.
    c. AVO inspections will be conducted at least once a week to prevent releases due to equipment failure. These inspections will be recorded for future review.
    d. Tascosa is obligated to eliminate waste and will repair equipment failures as soon as possible.
e. Measurement and Estimation – A meter will be placed on the combustor and the flare stack to ensure combusted gas readings are accurate during a release event. If for any reason a meter reading is unavailable, released volumes will be estimated and reported.

VIII. Best Management Practices:

Tascosa will aim to conduct surface maintenance without venting or flaring as much as possible. If planned maintenance is prolonged due to wait times for labor and equipment, Tascosa will shut in the producing well to prevent excess emissions. Tascosa will also minimize venting during downhole operations.

XI. Map:

Capacity - 2.5 MMCFPD

XIII. Line Pressure:

Tascosa does not have any existing wells connected to the DCP pipeline shown in the map above. The DCP line should operate well below 100 psi, compression will not be needed.

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: Tascosa Energy Partners, LLC. **OGRID:** 329784 **Date:** 03/14/24

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: _____

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
Nan-Bet #1	30-015-20606	E 19-21S-26E	1980' FNL, 660' FWL	50	150	200

IV. Central Delivery Point Name: Tascosa 18 [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
Nan-Bet #1		5/15/2024	5/25/2024	5/31/2024	6/5/2024	6/20/2024

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
Nan-Bet #1	30-015-20606	150	54,750

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
DCP	Artesia	19-21S-26E	6/5/2024	2.5 MMCFPD

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:	Alyssa McNear
Printed Name:	Alyssa McNear
Title:	Engineering Manager
E-mail Address:	adavanzo@tascosaep.com
Date:	5/9/24
Phone:	720-244-4417

OIL CONSERVATION DIVISION **(Only applicable when submitted as a standalone form)**
Approved By:
Title:
Approval Date:
Conditions of Approval:

Tascosa Energy Partners, LLC.
Nan-Bet #1
1980' FNL, 660' FWL
Section 19-21S-26E
API: 30-015-20606

Reenter Nan-Bet #1 & Recomplete in Delaware Sands

Objective: Reenter P&A'd Nan-Bet and recomplete in the Delaware Formation
Procedure:

1. Prepare location, set anchors. MI backhoe to dig out well marker. Bring csg back to surface and weld on head.
2. MIRU workover rig.
3. PU drill collars and 4-3/4" bit.
4. Drill out surface cement plug to 540'.
5. Tag & drill out 2nd plug @ 1750' to 2100'. RIH w/ bit to +/- 4,000'. POOH.
6. RU wireline. RIH w/ CBL to check cement from 4200' - 2100'. POOH. If there is no cement behind pipe, pump suicide squeeze.
7. PU GR/CCL & perf guns. RIH & perf @ 4000' & 2200' (verified by CBL) w/ 4 JSPF and 90 deg phasing. POOH. RD wireline.
8. PU 2-7/8" WS w/ cement retainer. RIH to +/- 3950', set retainer. Break circulation through perfs and prepare for suicide squeeze.
9. Squeeze backside w/ 350 sx of cement, 1.27 yield. Sting out of cmt retainer & POOH. WOC.
10. RIH w/ 4-3/4" bit and drill out to +/- 4000'. Test casing. POOH.
11. RU wireline. RIH w/ GR/CCL and perf guns. Perforation Delaware formation from 3340' – 3400' w/ 4 JSPF & 90 degree phasing. POOH. RIH w/ WS & pkr to 3300'. Acidize with 2,500 gals of 15% HCL. Swab test formation.
12. If the results of the swab test are positive, prepare to frac. If not, RIH & perforate from 3210' – 3280' w/ 4 JSPF & 90 degree phasing. POOH. RIH w/ WS & pkr to 3300'. Acidize with 2,500 gals of 15% HCL. Swab test 2nd zone.
13. RIH w/ 3-1/2" WS & pkr for frac job.
14. MIRU frac crew. Frac Delaware formation with 100,000# of 20/40 white sand & XL gel. SD.
15. Flowback well.

Nan-Bet #1: Well History

4/28/2021 – 5/11/2021: P&A wellbore. Set CIBP @ 10,525', spot 30 sx plug from 10,525' – 10,325'. Spot 30 sx plug from 10,050' – 9,850' & 30 sx plug from 9550' – 9450'. Perf @ 8,070' and sqz 135 sx CL "H" cement f/ 7,630't/ 8,070', WOC & tag. (Wolfcamp, 3rd Bone Springs). Perf @ 4,320' and sqz 60 sx CL "C" cement f/4,120't/4,320', WOC & tag (Bone Springs). Perf @ 2,100' and sqz 75 sx CL "C" cement f/ 1,750't/ 2,100', WOC & tag (Delaware, Shoe). Perf @ 540' and sqz 155 sx CL "C" cement f/ Surface t/ 540' (Shoe, Surf)

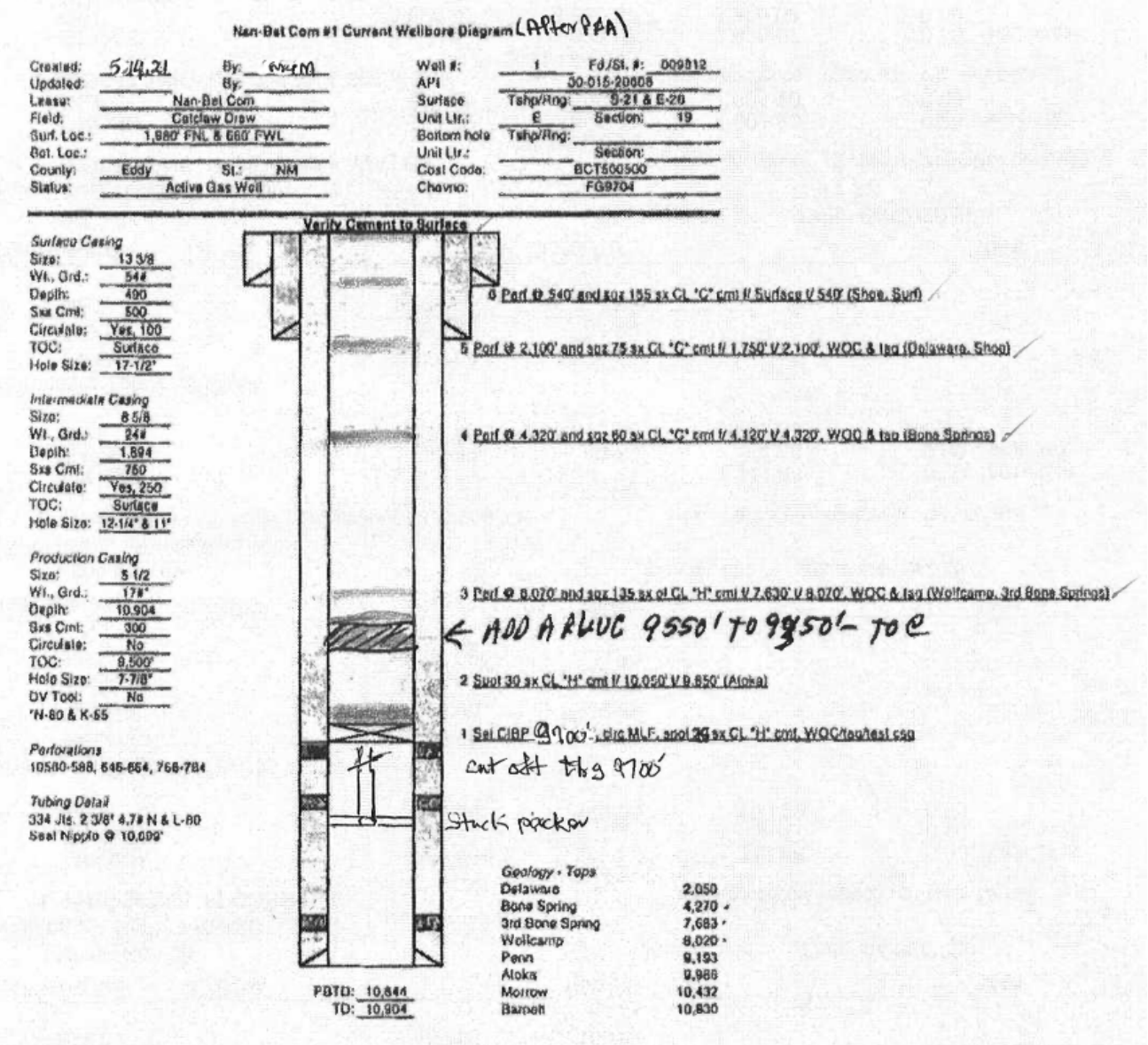
8/3/1999: D/O CIBP at 10,623' – 10,630' to commingle Morrow B & Morrow C zones. Reperforated 4 SPF @ 10,560 – 10,580, 10,646 – 10,664', & 10,766' – 10,784'. RTP.

12/22/1997: Approval to TA Morrow C zones and recomplete to the Morrow B zone @ 10,560' – 10,588'. Sundry not filed.

11/3/1974: Add perfs from 10,770' – 10,782' @ 2 SPF.

6/1/1972: Initial completion. Shot Morrow @ 2 SPF (33 holes) at 10,648' – 10,664'. Kicked off and allowed well to flow naturally.

1/11/1972: Spud wellbore. Reached TD of 10,904' on 5/19/72.



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 and not later than 60 days after completion of closure. When submitted as a completion report, this 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 11, 12 and 26-31 shall be reported for each zone.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn A"
T. Salt	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates 257'	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers 538'	T. Devonian	T. Cliff House	T. Leadville
T. Queen	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T.Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
T.Tubb	T. Delaware Sand 2250'	T. Morrison	
T. Drinkard	T. Bone Springs 4354'	T.Todilto	
T. Abo	T.	T. Entrada	
T. Wolfcamp	T.	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

OIL OR GAS SANDS OR ZONES

No. 1, from……..…..….to……. No. 3, from……to…….……

No. 2, from……to…… No. 4, 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……

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology		From	To	Thickness In Feet	Lithology

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 342817

CONDITIONS

Operator: Tascosa Energy Partners, L.L.C 901 W. Missouri Ave Midland, TX 79701	OGRID: 329748
	Action Number: 342817
	Action Type: [C-101] Drilling Non-Federal/Indian (APD)

CONDITIONS

Created By	Condition	Condition Date
ward.rikala	Notify OCD 24 hours prior to casing & cement	5/15/2024
ward.rikala	CBL is required after drilling out to 4000' to confirm cement behind casing. If no cement is present behind pipe, OCD wants cement to be lifted up to achieve 200' tie in with intermediate casing. If circulation is not possible, then perform the suicide squeeze as proposed. Once squeezed, then run a second CBL to confirm placement of cement.	5/15/2024