Santa Fe Main Office
Phone: (505) 476-3441
General Information
Phone: (505) 629-6116

Online Phone Directory Visit:
https://www.emnrd.nm.gov/ocd/contact-us/

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-101
Revised July 18, 2013

☐ AMENDED REPORT

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

1. Operator Name and Address	2. OGRID Number
SPUR ENERGY PARTNERS LLC 9655 KATY FREEWAY, SUITE 500, HOUSTON, TX 77024	328947
	3. API Number 30-015-21045

4. Property Code	5. Property Name	6. Well No.
	AIKMAN SWD STATE	1

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
N	27	19S	25E		660	SOUTH	1979	WEST	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	Pool Code
SWD; CANYON	96184

Additional Well Information

11. Work Type	12. Well Type	13. Cable/Rotary	14. Lease Type	15. Ground Level Elevation
P	S	R	S	3468'
16. Multiple	**17. Proposed Depth**	**18. Formation**	**19. Contractor**	**20. Spud Date**
N	8000'	CISCO AND CANYON	LUCKY SERVICES	N/A

Depth to Ground water	Distance from nearest fresh water well	Distance to nearest surface water
136'	NO WELLS WITHIN A 1-MILE RADIUS	2+ MILES AWAY

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

21. Proposed Casing and Cement Program SEE ATTACHED PROCEDURE

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC

Casing/Cement Program: Additional Comments

SEE ATTACHED PROCEDURE

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
DOUBLE BLIND RAM	5	5000	SHAFFER

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: Sarah Chapman	OIL CONSERVATION DIVISION Approved By:
Printed name: SARAH CHAPMAN	Title:
Title: REGULATORY DIRECTOR	Approved Date: / Expiration Date:
E-mail Address: SCHAPMAN@SPURENERGY.COM	
Date: 05/08/2025 Phone: 832-930-8613	Conditions of Approval Attached

C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024 Submittal Type: ☐ Initial Submittal ☒ Amended Report ☐ As Drilled

WELL LOCATION INFORMATION

API Number	Pool Code	Pool Name	
30-015-21045	96184	SWD; CANYON	
Property Code	Property Name		Well Number
	AIKMAN SWD STATE		1
OGRID No.	Operator Name		Ground Level Elevation
328947	SPUR ENERGY PARTNERS LLC.		3468'
Surface Owner: ☒State ☐Fee ☐Tribal ☐Federal		Mineral Owner: ☒State ☐Fee ☐Tribal ☐Federal	

Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
N	27	19S	25E		660 FSL	1979 FWL	32.6262546°N	104.4746946°W	EDDY

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County

Dedicated Acres	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
40	N/A	N/A	N	N/A
Order Numbers. SWD-2516			Well setbacks are under Common Ownership: ☒Yes ☐No	

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County

First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County

Unitized Area or Area of Uniform Interest	Spacing Unit Type ☐Horizontal ☒Vertical	Ground Floor Elevation:

OPERATOR CERTIFICATIONS

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and , if the well is a vertical or directional well, 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 a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.

Sarah Chapman 04/10/2025

Signature Date

SARAH CHAPMAN

Printed Name

SCHAPMAN@SPURENERGY.COM

Email Address

SURVEYOR CERTIFICATIONS

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

ROBERT M. HOWETT NEW MEXICO 19680 PROFESSIONAL SURVEYOR

Signature and Seal of Professional Surveyor

Robert M. Howett

Certificate Number	Date of Survey
04/09/2024	19680

Note: 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.

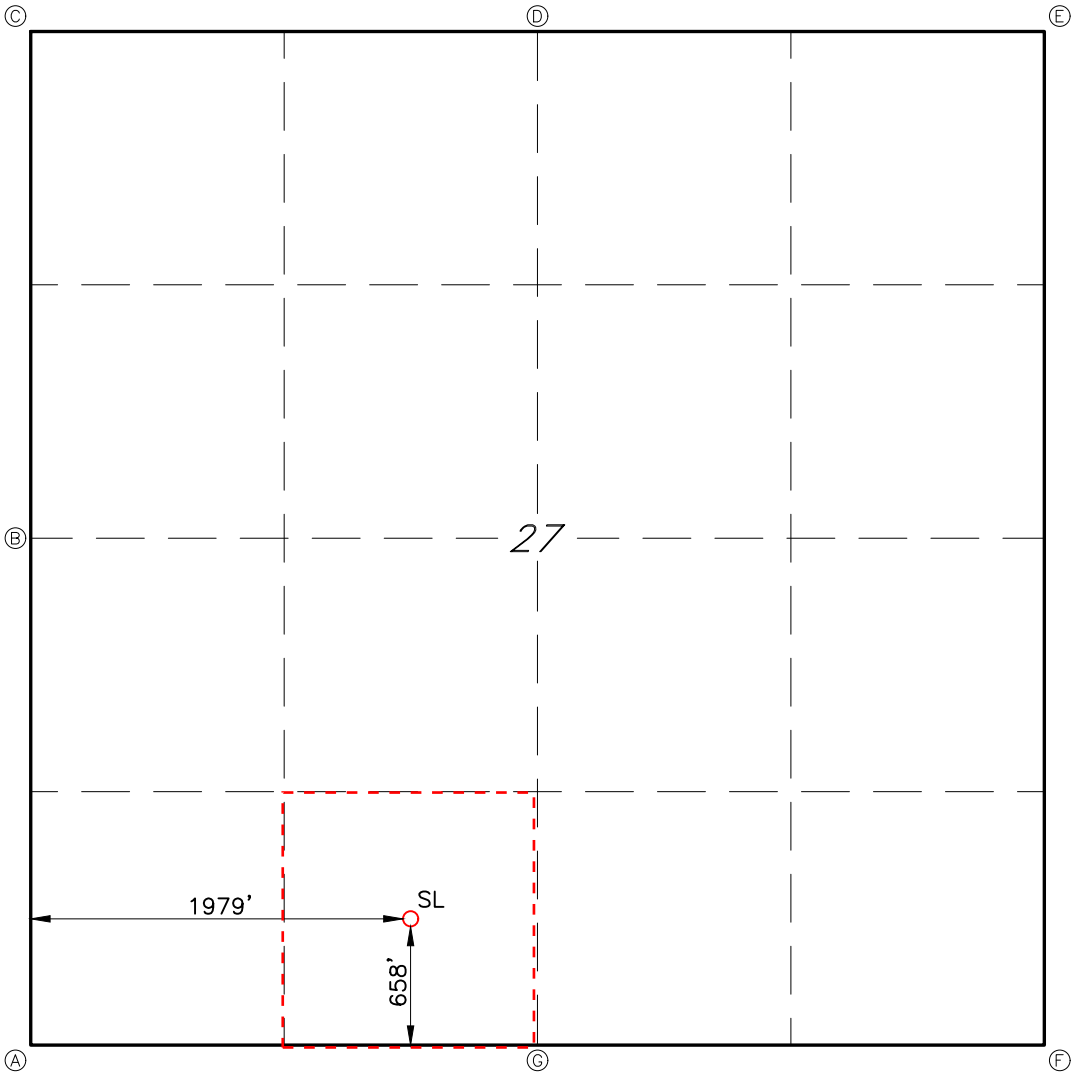
JOB #: LS22050559R

ACREAGE DEDICATION PLATS

This grid represents a standard section. You may superimpose a non-standard section, or larger area, over this grid. Operators must outline the dedicated acreage in a red box, clearly show the well surface location and bottom hole location, if it is a directionally drilled, with the dimensions from the section lines in the cardinal directions. If this is a horizontal wellbore show on this plat the location of the First Take Point and Last Take Point, and the point within the Completed interval (other than the First Take Point or Last Take Point) that is closest to any outer boundary of the tract.

Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed, contact the OCD Engineering Bureau. Independent subdivision surveys will not be acceptable.

AIKMAN SWD STATE #1



GEODETIC DATA
NAD 83 GRID – NM EAST

SURFACE LOCATION (SL)
658' FSL & 1979' FWL (SEC.27)
N: 591591.2 – E: 497817.6

LAT: 32.6262546 N
LONG: 104.4746946 W

CORNER DATA
NAD 83 GRID – NM EAST

A: FOUND 1/2" REBAR
N: 590944.6 – E: 495839.1

B: FOUND 60D NAIL
N: 593638.2 – E: 495840.9

C: FOUND 1" PIPE
N: 596277.3 – E: 495841.8

D: FOUND 1/2" REBAR
N: 596183.6 – E: 498448.0

E: FOUND 1/2" REBAR
N: 596091.2 – E: 501054.3

F: FOUND 1/2" REBAR
N: 590847.7 – E: 501100.1

G: FOUND LIMESTONE ROCK
N: 590929.4 –E: 498489.6

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: SPUR ENERGY PARTNERS LLC **OGRID:** 328947 **Date:** 05 / 05 / 2025

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
AIKMAN STATE SWD 1	30-015-21045	N-27-19S-25E	660' FSL 1979' FWL	O	O	0

IV. Central Delivery Point Name: AIKMAN SWD STATE 1 SWB [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
AIKMAN SWD STATE 1	30-015-21045	N/A	N/A	N/A	N/A	N/A

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:	Sarah Chapman
Printed Name:	SARAH CHAPMAN
Title:	REGULATORY DIRECTOR
E-mail Address:	SCHAPMAN@SPURENERGY.COM
Date:	05/08/2025
Phone:	832-930-8613

OIL CONSERVATION DIVISION

(Only applicable when submitted as a standalone form)

Approved By:	
Title:	
Approval Date:	
Conditions of Approval:	

Aikman SWD

Canyon Recomplete
AFE – TBD
Hunter Spragg 817.914.0987

SPUR ENERGY PARTNERS
NW Shelf
Eddy County, NM

OBJECTIVES

The Aikman SWD has been approved to be re-completed in the Canyon Formation.

- POOH with Tally BHPG – Move equipment over to Holstun SWD – DO NOT SHUT MASTER TUBING VALVE on cable!
- POOH with Tubing and Packer
- Run CBL and send to OCD for approval to move forward
- Set cement plug at least 50' above 5.5" shoe
- Set CIBP and top with cement
- Perforate new interval
- Calculate Cisco/Canyon BHP – via fluid level shot or surface pressure + hydrostatic
- Swab Test injection interval, send sample of formation fluid into lab to be tested, visually check sample for hydrocarbons
- Run injection tubing string and packer
- Run MIT before commencing injection

Well Information	
Surface Location (NAD83)	Latitude: 32.6261673 / Longitude: -104.4744644
Ground Elevation / KB	3,466' / 16'
API Number	30-015-21045
AFE Number	TBD – $TBD

Wellbore Details	
TVD / PBTD / Lateral Length	TVD: 10,520' / PBTD: 10,205' / Lateral: N/A'
Perforations MD'	Open Hole: 10,205' – 10,520'

Casing & Tubing Details - Current

Size	Depth *(MD)*	Weight *lb/ft*	Grade	ID *In*	Drift *In*	Thread	Burst *psi*	Collapse *psi*	Yield *Mlbs*	Cap *bbl/ft*
5.5" *csg*	0' – 10,205'	17.0	L-80	4.892	4.767	LTC	7,740	6,390	397	.0232
2.875" *tbg*	0' –10,113'	6.5	L-80	2.441	2.347	EUE 8RD	7,260	7,680	99	0.0057

FORMATION TOPS

Formation	Depth	Lithology	Expected Fluids
Quaternary	0'	Dolomite, other: Caliche	Useable Water
Grayburg	475'	Dolomite, Sandstone	None
San Andres	595'	Dolomite, Sandstone	None
Glorieta	2360'	Sand, Shale, Dolomite	Natural Gas, Oil
Tubb	3125'	Dolomite, Sandstone	Natural Gas, Oil
Abo	3740'	Dolomite	Natural Gas, Oil
Wolfcamp	6310'	Shale, Limestone	Natural Gas, Oil
Cisco/Canyon	7695'	Shale, Limestone	Natural Gas, Oil
Strawn	8225'	Shale, Limestone, Sandstone	Natural Gas, Oil
Atoka	8515'	Shale, Limestone, Sandstone	Natural Gas, Oil

PROCEDURE

Spur Energy Partners LLC is committed to providing a safe working environment for all personnel. A safety meeting will be held prior to commencing each operation in order to define/clarify objectives, roles and responsibilities, identify all potential risk/hazards and establish a work procedure that is safe and environmentally sound. Meetings are to be documented on the reports returned to Spur Energy Partners LLC.

PERFORM SAFETY CHECKS AND SAFETY MEETING

Perform a safety meeting prior to rigging up **ANY** equipment on location. Discuss the job procedure and objective with all personnel on location. Document the safety meeting on the daily report sent to Spur. Make note of all potential risks/hazards, and clearly identify an emergency route and emergency vehicle. Also make note of any new or inexperienced personnel on location. Ensure proper Personal Protective Equipment (PPE) is used during the job. Minimums are hard hats, steel toes, safety glasses, H_2S monitors, and FR certified clothing as required. Designate a smoking area off location and 100' from any potential hydrocarbons.

REPORTING STANDARDS

1. Communicate with the Spur Workovers group at a minimum of every 2 hrs including any critical operations.
2. Record **ALL** costs and input into WellView. If you are unable to get the cost from the vendor, use an estimate and put in the comments that it is an estimated cost.

MIRU BHPG RIG AND PULL BHPG

1. MIRU Tally BHPG rig. DO NOT SHUT MASTER VALVE.
2. Ensure there is no pressure on the well.
3. POOH while spooling cable.
4. RD equipment and move cable and gauge to the Holstun SWD.

MIRU WOR AND NU BOP AND PULL TUBING

1. MIRU workover rig and kill truck.
2. Ensure there is no pressure on the casing. If there is pressure, discuss with engineer next steps.
3. ND Tree and NU 5K hydraulic tubing BOPs for 2-7/8" tbg.
4. Pressure test the rig BOP to **250 psi low** and **5,000 psi high** for 10 minutes each.
5. Stab into the tubing hanger and PU to remove the hanger. Set the slips on the tubing and RD the hanger.
6. Unset the Packer and POOH 2-7/8" tubing while standing back if tubing is in a condition to be used to spot cement plugs.
    a) Record any holes in tubing or pitting in WellView report, noting the joint numbers (joints from surface).
    b) Keep the well loaded with 10# brine while POOH. As the tubing is pulled, it will displace less water and the hydrostatic column will drop. Add 10# brine as necessary to keep a proper kill on the well.

CURRENT TUBING DETAIL

KB 16'
1 JT 2-7/8" MAJORPACK TUBING 33'
3 SUBS 2-7/8" IPC TUBING 24'
298 JTS 2-7/8" IPC TUBING 10,031'
T2 O/O TOOL 2-7/8" X 5-1/2"W/1.875" F PROFILE
2 7/8" X 5 ½" ARROWSET1X PACKER @ 10,113'
WLREG

RUN CBL AND SET FIRST CEMENT PLUG

7. MIRU WL Unit.
8. Run CBL w/ CCL and GR to 10,100' and send results in to OCD and engineer to approve to continue.
9. RIH with tubing w/ mule shoe to 10,450' – take care when entering open hole @ 10,205'.
10. Spot class H cement plug of 115sx across all of open hole and to at least 50' above 5.5" casing shoe – 115sx should yield enough volume to plug from 10,520' to 10,055' – 150' above 5.5" casing shoe.
11. Pull tubing up 20 joints and WOC.
12. RIH and tag cement plug and ensure TOC is no deeper than 10,155'.
13. At top of cement plug, pump 50 bbls of MLF and POOH.
14. RIH with CIBP and set at 8,015'.
15. Spot 5sx of class H cement on top of CIBP.
16. Pull up 10 joints and WOC.
17. RIH and tag TOC and ensure it is at or higher than 7,965'.
18. Circulate hole clean with 200 bbls of fresh water.
19. POOH with tubing. Top tubing off with fresh water.
20. MIRU WL Unit.
21. Correlate and perforate the below intervals, 58' total, 348 shots, with 6spf 60-degree phasing deep penetrating charges.

    7,774' - 7,803' (30')
    7,836' – 7,850' (15')
    7,891' – 7,900' (10')
    7,938' – 7,940' (3')

22. After perforating, note if there is any pressure on the well. If so, relay information to engineer to estimate BHP. If no pressure is observed on the well, call for a fluid level shot to be performed on the well to calculate a BHP.
23. note if there is any increased pressure on the well, if so, flow well back. Casing volume is around 190 bbls; flow back at least 300 bbls then take samples of flowback water, noting any hydrocarbons. Send water samples to the lab for a "Complete Water Analysis" (CWA).
24. If well does not flow back, RD WL unit and RIH with test packer and 2 7/8" tubing.

    a) Set packer at 7,760' and swab the well back.

b) Swab back the first 50 bbls to a frac tank then take a sample of the water, noting any hydrocarbons. Send water samples to the lab for a "Complete Water Analysis" (CWA).

c) POOH and LD tubing.

25. MI injection tubing and packer.

26. RIH with injection tubing and packer BHA while hydrotesting.

Proposed Tubing and BHA detail

KB 16'
239 JTS 2-7/8" POLYCORE TUBING 7,760'
T2 O/O TOOL 2-7/8" X 5-1/2" W/ PROFILE
2 7/8" X 5 ½" ARROWSET1X PACKER @ 7,760'
10' NP 2 7/8" SUB
PROFILE NIPPLE
WLREG

27. Set packer @ 7,760' and test backside to confirm mechanical integrity.

28. If integrity is confirmed, release from on/off tool and circulate packer fluid.

29. Latch back onto on/off tool and retest backside to confirm on/off tool is sealing.

30. If integrity is confirmed, ND BOP and NU Wellhead. Test backside again.

31. RDPU.

32. Schedule and run MIT test with OCD in accordance with 19.15.26 NMAC.

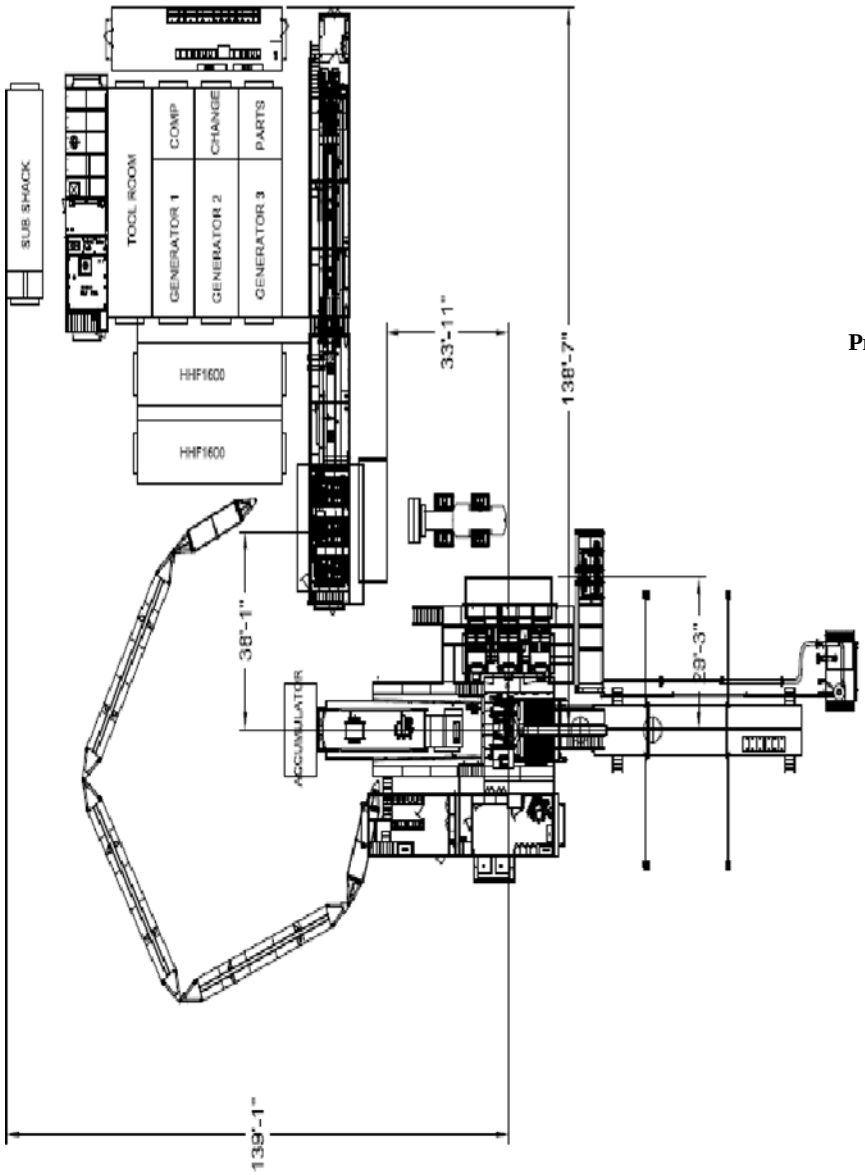
Permian Drilling
Hydrogen Sulfide Drilling Operations Plan
AIKMAN SWD STATE #1

Open drill site. No homes or buildings are near the proposed location.

1. Escape

   Personnel shall escape upwind of wellbore in the event of an emergency gas release. Escape can take place through the lease road on the Southeast side of the location. Personnel need to move to a safe distance and block the entrance to location. If the primary route is not an option due to the wind direction, then a secondary egress route should be taken.

Secondary Briefing Area



Primary Briefing Area

Exit to road. Caution sign placed here.

N

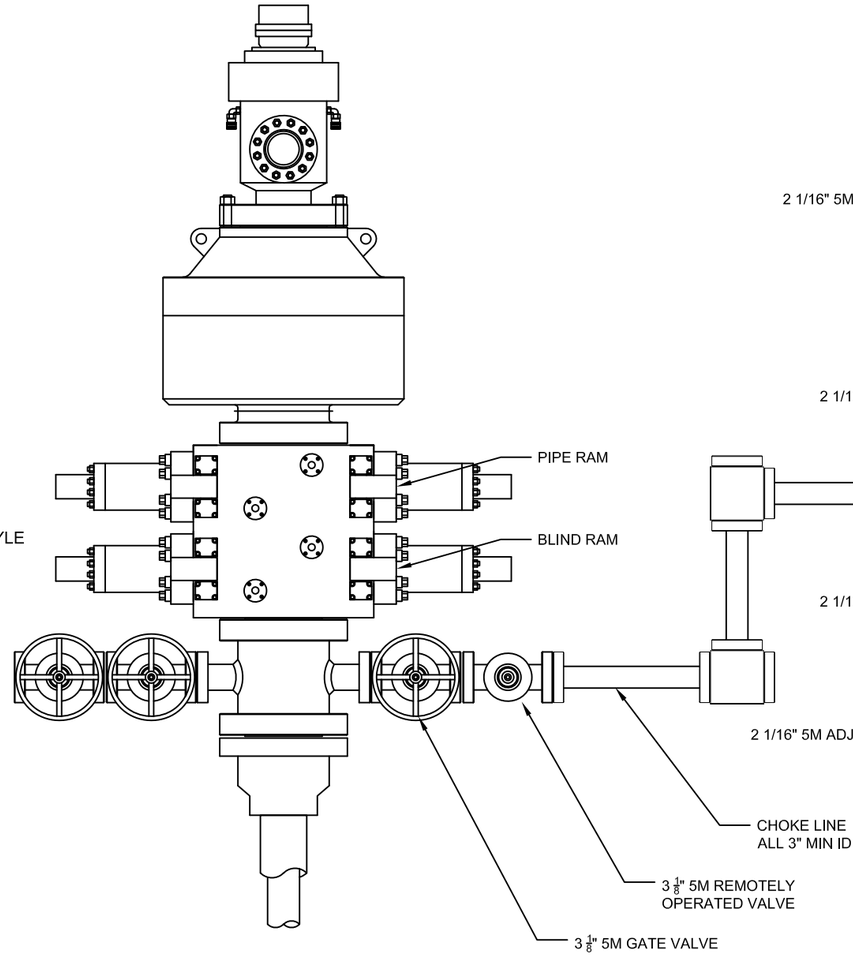
Secondary Egress

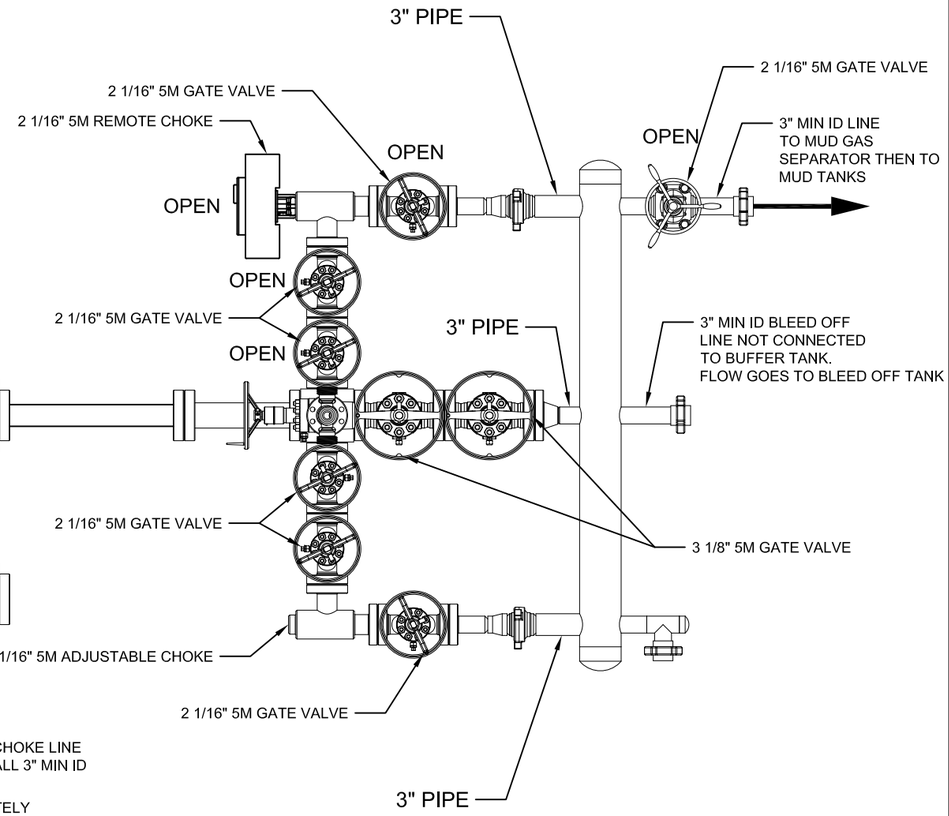
WIND: Prevailing winds are from the Southwest

ANNULAR
13 5/8" 5,000 psi SHAFFER STYLE

DOUBLE GATE
13 5/8" 5,000 psi SHAFFER LWS STYLE

MUD CROSS
13 5/8" 5,000 psi, 3 1/8" 5M OUTLETS





Notes
-
-
-
-

No.	Revision	Date

AKITA DRILLING LTD.
2302 8th Street, Nisku Alberta
T9E 7Z2 Tel: (780) 955-6700

Date	Scale
5-6-2021	NTS
Dwn / Chk'd By: BG	File Name: R57 13 5M dou..
Project: R57	

RIG 57 BOP SCHEMATIC

Aikman SWD State #1

Eddy County, NM
API# 30-015-21045
32.6261673,-104.4744644

Current WBD

Spud Date: 5/9/1991
Elev: 3,466' GL 16' KB

12-3/4" 34.6# Csg @ 400'
17-½" Hole
Cmt w/ 550sx
Circulate to Surface

9-5/8" 43.5# Csg @ 1,200'
11" Hole
Cmt w/ 600sx
Circulate to Surface

Formations

Grayburg	475'
San Andres	755'
Glorieta	2,360'
Tubb	3,125'
Abo	3,740'
Wolfcamp	6,310'
Cisco/Canyon	7,695'
Strawn	8,225'
Atoka	8,515'

DV Tool @ 6,050'
200 sx circ

Tubing Detail
KB 16'
1 jt 2-7/8" Majorpack Tubing 33'
3 subs 2-7/8" IPC Tubing 24'
298 jts 2-7/8" IPC Tubing 10,031'
T2 O/O Tool 2-7/8" x 5-1/2"w/1.875" F Profile
2 7/8" x 5 ½" Arrowset1X Packer @ 10,113'
WLREG

DV Tool @ 9,400'
25 sx circ

5.5" 15.5/17# Csg @ 10,206'
FC @ 8,278'
7-7/8"" Hole
Cmt w/ 3300sx
Circulate 200 sx to Surface

Devonian Open Hole (10,205'-10,520')
8 ¾" OH completion

TD @ 10,520'
TVD @ 10,520'
PBTD @ 10,520'

Aikman SWD State #1

Eddy County, NM
API# 30-015-21045
32.6261673,-104.4744644

PROPOSED WBD

SPUD DATE: 5/9/1991
ELEV: 3,466' GL 16' KB

12-3/4" 34.6# CSG @ 400'
17-½" HOLE
CMT W/ 550SX
CIRCULATE TO SURFACE

9-5/8" 43.5# CSG @ 1,200'
11" HOLE
CMT W/ 600SX
CIRCULATE TO SURFACE

FORMATIONS

Grayburg	475'
San Andres	755'
Glorieta	2,360'
Tubb	3,125'
Abo	3,740'
Wolfcamp	6,310'
Cisco/Canyon	7,695'
Strawn	8,225'
Atoka	8,515'

DV TOOL @ 6,050'
200 SX CIRC

TUBING DETAIL
KB 16'
239 JTS 2-7/8" POLYCORE TUBING 7,760'
T2 O/O TOOL 2-7/8" X 5-1/2" W/ PROFILE
2 7/8" X 5 ½" ARROWSET1X PACKER @ 7,760'
10' NP 2 7/8" SUB
PROFILE NIPPLE
WLREG

CANYON PERFS (7,774' – 7,940')
232 HOLES 4 SPF
7,774' - 7,803' (30')
7,836' – 7,850' (15')
7,891' – 7,900' (10')
7,938' – 7,940' (3')

DV TOOL @ 9,400'
25 SX CIRC

5.5" 15.5/17# CSG @ 10,206'
FC @ 8,278'
7-7/8"" HOLE
CMT W/ 3300SX
CIRCULATE 200 SX TO SURFACE

DEVONIAN OPEN HOLE (10,205'-10,520')
8 ¾" OH COMPLETION

TD @ 10,520'
TVD @ 10,520'
PBTD @ 10,520'

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 460007
	Action Type: [C-101] Drilling Non-Federal/Indian (APD)

CONDITIONS

Created By	Condition	Condition Date
ward.rikala	Follow all Conditions of the SWD-2516 permit as outlined below: 1. Modification of Permit Terms and Conditions: I. General Conditions, C. Prior to Commencing Injection, 2. Tests and Reports, b. through d. The requirements for a mudlog, circulation of cement, testing of liner, and bottom-hole pressure measurement are waived. However, Permittee shall submit all logs (including geophysical and CBLs) obtained during the Well's construction and not previously submitted to the OCD. This modification of terms does not exclude requirements for corrective actions (such as remedial cementing of casing) as a Special Condition of this Permit.	7/11/2025
ward.rikala	2. Prior to the recompletion of the Well, Permittee shall conduct a cement bond log ("CBL") for the entire length of the 5½-inch production casing. Failure to complete this condition shall suspend the injection authority of the UIC Permit until the Permittee has completed this requirement. The CBL shall be submitted using OCD Permitting [UF-WL] EP Well Log Submission (Electronic Well Log Submission) prior to commencing injection.	7/11/2025
ward.rikala	3. Permittee shall plug back the former Devonian open-hole injection interval with a sufficient volume of cement to bring the top of the cement plug 50 feet above the shoe of the 5½-inch production casing. Permittee shall allow sufficient waiting time for the cement to properly set in the open hole and casing. Permittee shall tag the final top of cement and include this along with the details of the plugging operation in the recompletion report.	7/11/2025
ward.rikala	4. Permittee shall conduct a swab or production test of the approved injection interval for hydrocarbon potential and obtain a formation water sample for analysis of hydrocarbon content. The OCD Inspection Supervisor shall be noticed 24 hours prior to this test and given the opportunity to witness the test. Prior to commencing injection, the Permittee shall submit the results of the formation sample [including the entire laboratory analytical report] and a summary report of the production test to the OCD using a Form C-103 Subsequent Report (General) for approval. If there is a show of hydrocarbons, an assessment of the resources in place shall be completed and the Permittee shall be required to obtain written approval of the OCD to commence injection.	7/11/2025
ward.rikala	5. Permittee shall conduct a MIT prior to commencing injection, at least every five (5) years after the date of the previous MIT, and whenever the tubing is removed or replaced, the packer is reset, mechanical integrity is lost, Permittee proposes to transfer the Well, or requested by OCD.	7/11/2025
ward.rikala	Notify OCD Inspector 24 hours prior to commencing work.	7/11/2025
ward.rikala	Once the openhole has been properly cemented per COA #3, the 5-1/2" casing is to be filled with cement up to minimum of 8100' to cover the strata below the Canyon.	7/11/2025