

U.S. Department of the Interior
BUREAU OF LAND MANAGEMENT

Well Name: PEAKY 9 8 STATE COM	Well Location: T17S / R29E / SEC 10 / NWNW / 32.8536164 / -104.0699264	County or Parish/State: EDDY / NM
Well Number: 20H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMLC068722	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001557602	Operator: SPUR ENERGY PARTNERS LLC	

Notice of Intent

Sundry ID: 2898061

Type of Submission: Notice of Intent

Type of Action: APD Change

Date Sundry Submitted: 02/27/2026

Time Sundry Submitted: 09:12

Date proposed operation will begin: 03/09/2026

Procedure Description: While cementing intermediate casing on this well, we ran into issues and it has been decided that we need to abandon this well and skid north 20 feet. We plan to set conductor in 10 days. We plan to plug the initial wellbore once all drilling and completion operations are complete, within the next 90 days. The NOI to plug this well will be submitted in a separate sundry. We request to change this Peaky 9 8 State Com 20H to the Peaky 9 8 State Com 20Y with API: 30-015-57602. Old Surface Hole Location: 1006' FNL 417' FWL New Surface Hole Location: 986' FNL 418' FWL The new well name will be the Peaky 9 8 State Com 20H and require a new API number. Attached is the 3160-3, updated C-102 and updated directional plan. Please let me know if you have any questions.

NOI Attachments

Procedure Description

Peaky_9_8_State_Com_20H_3160_3_20260227100630.pdf

Peaky_9_8_State_Com_20H_Revised_C_102_20260227095238.pdf

Peaky_9_8_State_Com_20H_Revised_Directional_20260227095238.pdf

Well Name: PEAKY 9 8 STATE COM

Well Location: T17S / R29E / SEC 10 / NWNW / 32.8536164 / -104.0699264

County or Parish/State: EDDY 7 NM

Well Number: 20H

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMLC068722

Unit or CA Name:

Unit or CA Number:

US Well Number: 3001557602

Operator: SPUR ENERGY PARTNERS LLC

Conditions of Approval

Additional

Peaky_9_8_State_Com_20H_3160_3_signed_20260306153942.pdf

PEAKY_9_8_STATE_COM_20H_Sundry_2898061_COA_20260306150126.pdf

Operator

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: SARAH CHAPMAN

Signed on: FEB 27, 2026 10:06 AM

Name: SPUR ENERGY PARTNERS LLC

Title: Regulatory Director

Street Address: 9655 KATY FREEWAY SUITE 500

City: HOUSTON

State: TX

Phone: (281) 642-5503

Email address: SCHAPMAN@SPURENERGY.COM

Field

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Email address:

BLM Point of Contact

BLM POC Name: CHRISTOPHER WALLS

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5752342234

BLM POC Email Address: CWALLS@BLM.GOV

Disposition: Approved

Disposition Date: 03/06/2026

Signature: Chris Walls

Form 3160-5
(October 2024)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0220
Expires: October 31, 2027

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on page 2		5. Lease Serial No.
1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name
2. Name of Operator		7. If Unit of CA/Agreement, Name and/or No.
3a. Address	3b. Phone No. (include area code)	8. Well Name and No.
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)		9. API Well No.
		10. Field and Pool or Exploratory Area
		11. Country or Parish, State

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)		
	Title	
Signature	Date	

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by		
	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C Section 1001 and Title 43 U.S.C Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations and reports of such operations when completed as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area or regional procedures and practices, are either shown below, will be issued by or may be obtained from the local Federal office.

SPECIFIC INSTRUCTIONS

Item 4 - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

Item 13: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment. If the proposal will involve **hydraulic fracturing operations**, you must comply with 43 CFR 3162.3-3, including providing information about the protection of usable water. Operators should provide the best available information about all formations containing water and their depths. This information could include data and interpretation of resistivity logs run on nearby wells. Information may also be obtained from state or tribal regulatory agencies and from local BLM offices.

NOTICES

The privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c) and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:

The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

BURDEN HOURS STATEMENT: Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

Additional Information

Additional Remarks

986' FNL 418' FWL

The new well name will be the Peaky 9 8 State Com 20H and require a new API number.

Attached is the 3160-3, updated C-102 and updated directional plan.

Please let me know if you have any questions.

Location of Well

0. SHL: NWNW / 1006 FNL / 417 FWL / TWSP: 17S / RANGE: 29E / SECTION: 10 / LAT: 32.8536164 / LONG: -104.0699264 (TVD: 0 feet, MD: 0 feet)

PPP: NENE / 455 FNL / 100 FEL / TWSP: 17S / RANGE: 29E / SECTION: 9 / LAT: 32.8551319 / LONG: -104.0716067 (TVD: 4110 feet, MD: 4480 feet)

BHL: NWNE / 455 FNL / 2593 FEL / TWSP: 17S / RANGE: 29E / SECTION: 8 / LAT: 32.8550891 / LONG: -104.0968415 (TVD: 4075 feet, MD: 12216 feet)

Form 3160-3
(October 2024)

FORM APPROVED
OMB No. 1004-0220
Expires: October 31, 2027

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of work: <input type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No.
1b. Type of Well: <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name
1c. Type of Completion: <input type="checkbox"/> Hydraulic Fracturing <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		7. If Unit or CA Agreement, Name and No.
2. Name of Operator		8. Lease Name and Well No.
3a. Address		9. API Well No.
3b. Phone No. (include area code)		10. Field and Pool, or Exploratory
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface At proposed prod. zone		11. Sec., T. R. M. or Blk. and Survey or Area
14. Distance in miles and direction from nearest town or post office*		12. County or Parish
		13. State
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)	16. No of acres in lease	17. Spacing Unit dedicated to this well
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.	19. Proposed Depth	20. BLM/BIA Bond No. in file
21. Elevations (Show whether DF, KDB, RT, GL, etc.)	22. Approximate date work will start*	23. Estimated duration

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, and the Hydraulic Fracturing rule per 43 CFR 3162.3-3 (as applicable)

- | | |
|---|---|
| <ul style="list-style-type: none"> 1. Well plat certified by a registered surveyor. 2. A Drilling Plan. 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office). | <ul style="list-style-type: none"> 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). 5. Operator certification. 6. Such other site specific information and/or plans as may be requested by the BLM. |
|---|---|

25. Signature <i>Sarah Savino</i>	Name (Printed/Typed)	Date
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Title

Approved by (Signature)	Name (Printed/Typed)	Date
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Title

Office

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

INSTRUCTIONS

GENERAL: This form is designed for submitting proposals to perform certain well operations, as indicated on Federal and Indian lands and leases for action by appropriate Federal agencies, pursuant to applicable Federal laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from local Federal offices. As of May 13, 2017, and pursuant to 43 CFR § 3171.5, operators must file this form and associated documents using the Bureau of Land Management's electronic commerce application, the Automated Fluid Minerals Support System (AFMSS). <https://afmss.blm.gov/afmss-gateway-ui/>

ITEM I: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable Federal regulations concerning subsequent work proposals or reports on the well.

ITEM 4: Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local Federal offices for specific instructions.

ITEM 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on the reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal agency offices.

ITEMS 15 AND 18: If well is to be, or has been direction any drilled, give distances for subsurface location of hole in any present or objective productive zone.

ITEM 22: Consult applicable Federal regulations, or appropriate officials, concerning approval of the proposal before operations are started.

NOTICES

The Privacy Act of 1974 and regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 25 U.S.C. 396; 43 CFR 3160

PRINCIPAL PURPOSES: The information will be used to: (1) process and evaluate your application for a permit to drill a new oil, gas, or service well or to reenter a plugged and abandoned well; and (2) document, for administrative use, information for the management, disposal and use of National Resource Lands and resources including (a) analyzing your proposal to discover and extract the Federal or Indian resources encountered; (b) reviewing procedures and equipment and the projected impact on the land involved; and (c) evaluating the effects of the proposed operation on the surface and subsurface water and other environmental impacts.

ROUTINE USE: Information from the record and/or the record will be transferred to appropriate Federal, State, and local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecution, in connection with congressional inquiries and for regulatory responsibilities.

EFFECT OF NOT PROVIDING INFORMATION: Filing of this application and disclosure of the information is mandatory only if you elect to initiate a drilling or reentry operation on an oil and gas lease.

The Paperwork Reduction Act of 1995 requires us to inform you that:

The BLM connects this information to an evaluation of the technical, safety, and environmental factors involved with drilling for oil and/or gas on Federal and Indian oil and gas leases. This information will be used to analyze and approve applications. Response to this request is mandatory only if the operator elects to initiate drilling or reentry operations on an oil and gas lease. The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

BURDEN HOURS STATEMENT: Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Connection Clearance Officer (WO-630), 1849 C Street, N.W., Mail Stop 401 LS, Washington, D.C. 20240.

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:	<input type="checkbox"/> Initial Submittal <input checked="" type="checkbox"/> Amended Report <input type="checkbox"/> As Drilled

WELL LOCATION INFORMATION

API Number	Pool Code 96610	Pool Name EMPIRE; GLORIETA-YESO, EAST
Property Code 338354	Property Name PEAKY 9/8 STATE COM	Well Number 20H
OGRID No. 328947	Operator Name SPUR ENERGY PARTNERS, LLC.	Ground Level Elevation 3582'
Surface Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal		Mineral Owner: <input checked="" type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal

Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
D	10	17S	29E		986 FNL	418 FWL	32.8536713°N	104.0699242°W	EDDY

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
B	8	17S	29E		455 FNL	2593 FEL	32.8550891°N	104.0968415°W	EDDY

Dedicated Acres 480	Infill or Defining Well INFILL	Defining Well API 30-015-57606	Overlapping Spacing Unit (Y/N) N	Consolidation Code F & C
Order Numbers. CA: SLO PENDING R-24054			Well setbacks are under Common Ownership: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
D	10	17S	29E		559 FNL	604 FWL	32.8548442°N	104.0693153°W	EDDY


First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
A	9	17S	29E		455 FNL	100 FEL	32.8551319°N	104.0716067°W	EDDY

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
B	8	17S	29E		455 FNL	2543 FEL	32.8550889°N	104.0966788°W	EDDY

Unitized Area or Area of Uniform Interest Y	Spacing Unit Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation: 3582'
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<p>OPERATOR CERTIFICATIONS</p> <p><i>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.</i></p> <p><i>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.</i></p> <p><i>Sarah Savino</i> 03/10/2026</p>	<p>SURVEYOR CERTIFICATIONS</p> <p><i>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.</i></p> <div style="text-align: center;">  </div>
Signature SARAH SAVINO	Signature and Seal of Professional Surveyor <i>Dale E. Bell</i>
Printed Name SSAVINO@SPUREENERGY.COM	Certificate Number 14400
Email Address	Date of Survey 02/25/2026

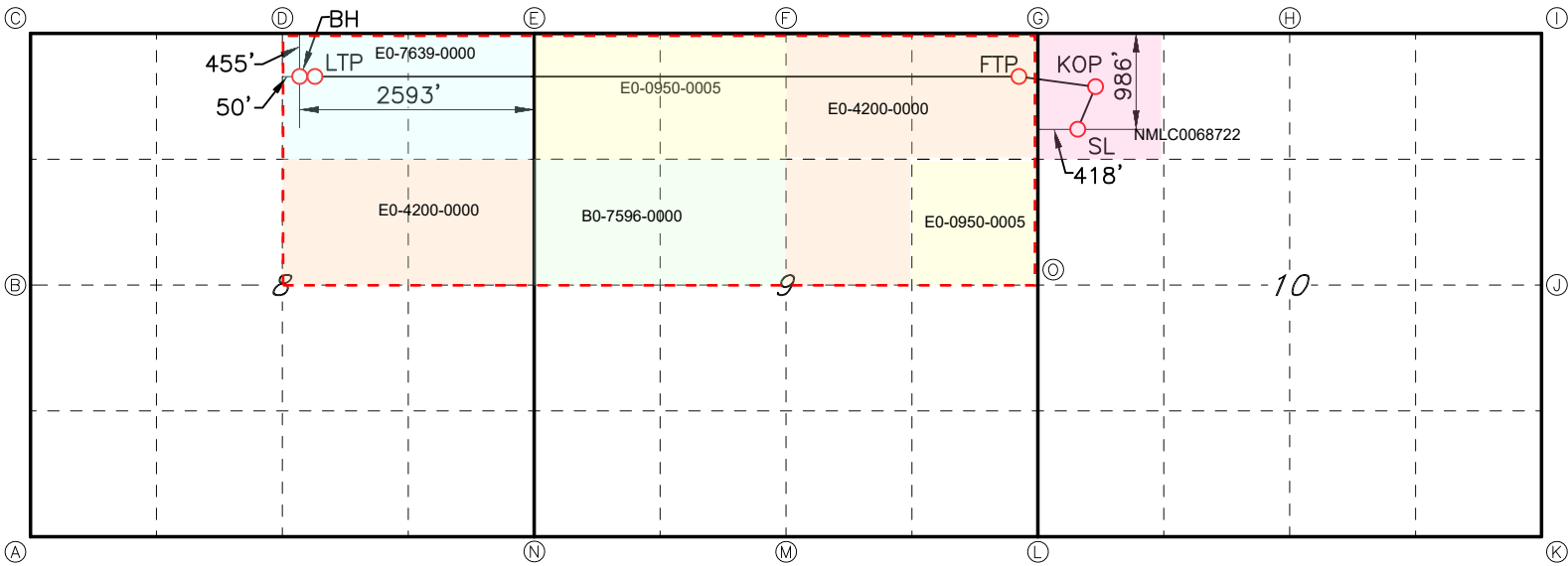
Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

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.

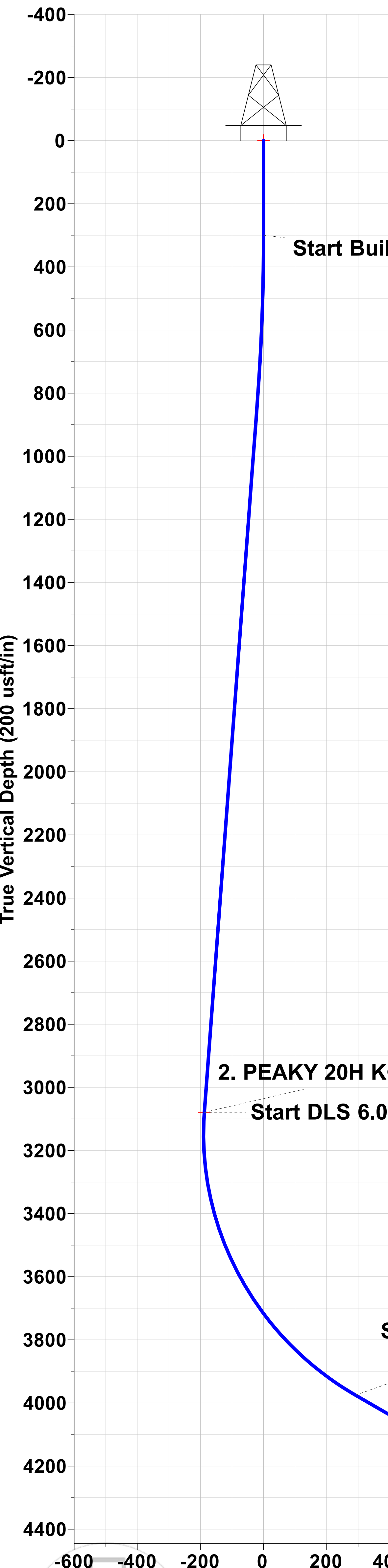
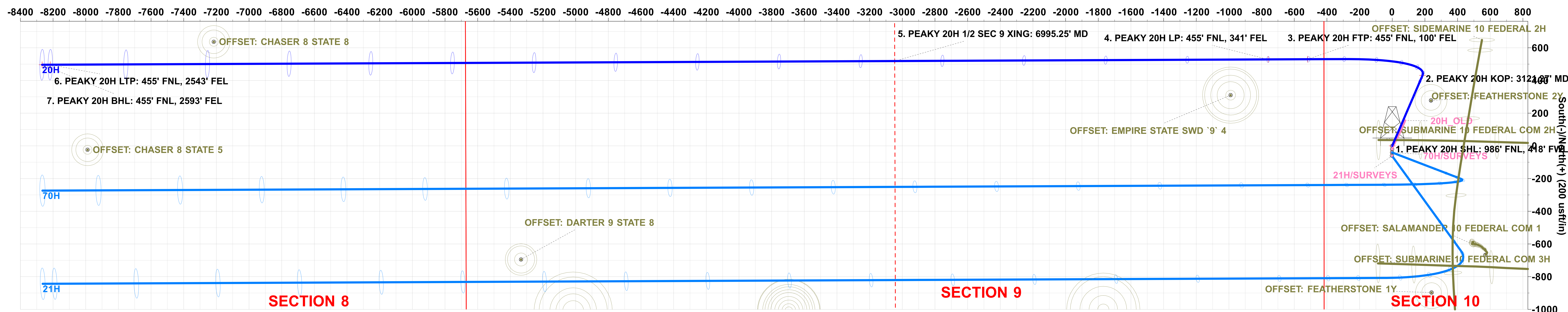
Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed, contact the OCD Engineering Bureau. Independent subdivision surveys will not be acceptable.

PEAKY 9/8 STATE COM #20H



<u>GEODETTIC DATA</u> NAD 83 GRID - NM EAST		<u>CORNER DATA</u> NAD 83 GRID - NM EAST	
<u>SURFACE LOCATION (SL)</u> 986' FNL & 418' FWL SEC.10 N: 674399.8 - E: 622225.7		A: FOUND BRASS CAP "1914" N: 670067.1 - E: 611279.1	I: FOUND 1/2-INCH REBAR N: 675393.5 - E: 627091.5
LAT: 32.8536713° N LONG: 104.0699242° W		B: FOUND BRASS CAP "1914" N: 672706.4 - E: 611271.3	J: FOUND BRASS CAP "1914" N: 672752.3 - E: 627098.9
<u>KICK OFF POINT (KOP)</u> 559' FNL & 604' FWL SEC.10 N: 674827.0 - E: 622411.7		C: FOUND BRASS CAP "1914" N: 675348.3 - E: 611261.3	K: FOUND ALUM CAP "ILLEGIBLE" N: 670108.2 - E: 627111.4
LAT: 32.8548442° N LONG: 104.0693153° W		D: FOUND BRASS CAP "1914" N: 675350.9 - E: 613907.4	L: FOUND 1/2-INCH REBAR N: 670102.9 - E: 621822.7
<u>FIRST TAKE POINT (FTP)</u> 455' FNL & 100' FEL SEC.9 N: 674929.9 - E: 621707.7		E: FOUND RPC "HOWETT 19680" N: 675352.8 - E: 616550.1	M: FOUND BRASS CAP "1914" N: 670088.2 - E: 619192.6
LAT: 32.8551319° N LONG: 104.0716067° W		F: FOUND BRASS CAP "1914" N: 675368.3 - E: 619178.2	N: FOUND BRASS CAP "1914" N: 670073.9 - E: 616565.6
<u>LAST TAKE POINT (LTP)</u> 455' FNL & 254.3' FEL SEC.8 N: 674896.1 - E: 614008.7		G: FOUND BRASS CAP "1914" N: 675385.4 - E: 621807.5	O: FOUND BRASS CAP "1914" N: 672745.1 - E: 621808.9
LAT: 32.8550889° N LONG: 104.0966788° W		H: FOUND BRASS CAP "1914" N: 675387.2 - E: 624453.5	
<u>BOTTOM HOLE (BH)</u> 455' FNL & 259.3' FEL SEC.8 N: 674896.0 - E: 613958.7			
LAT: 32.8550891° N LONG: 104.0968415° W			





WELL DETAILS: 20H

Rig Name:	AKITA 57	RKB = 20' @ 3602.00usft (AKITA 57)			
		3582.00			
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.00	0.00	674399.80	622225.70	32.85367	-104.06992

SECTION DETAILS

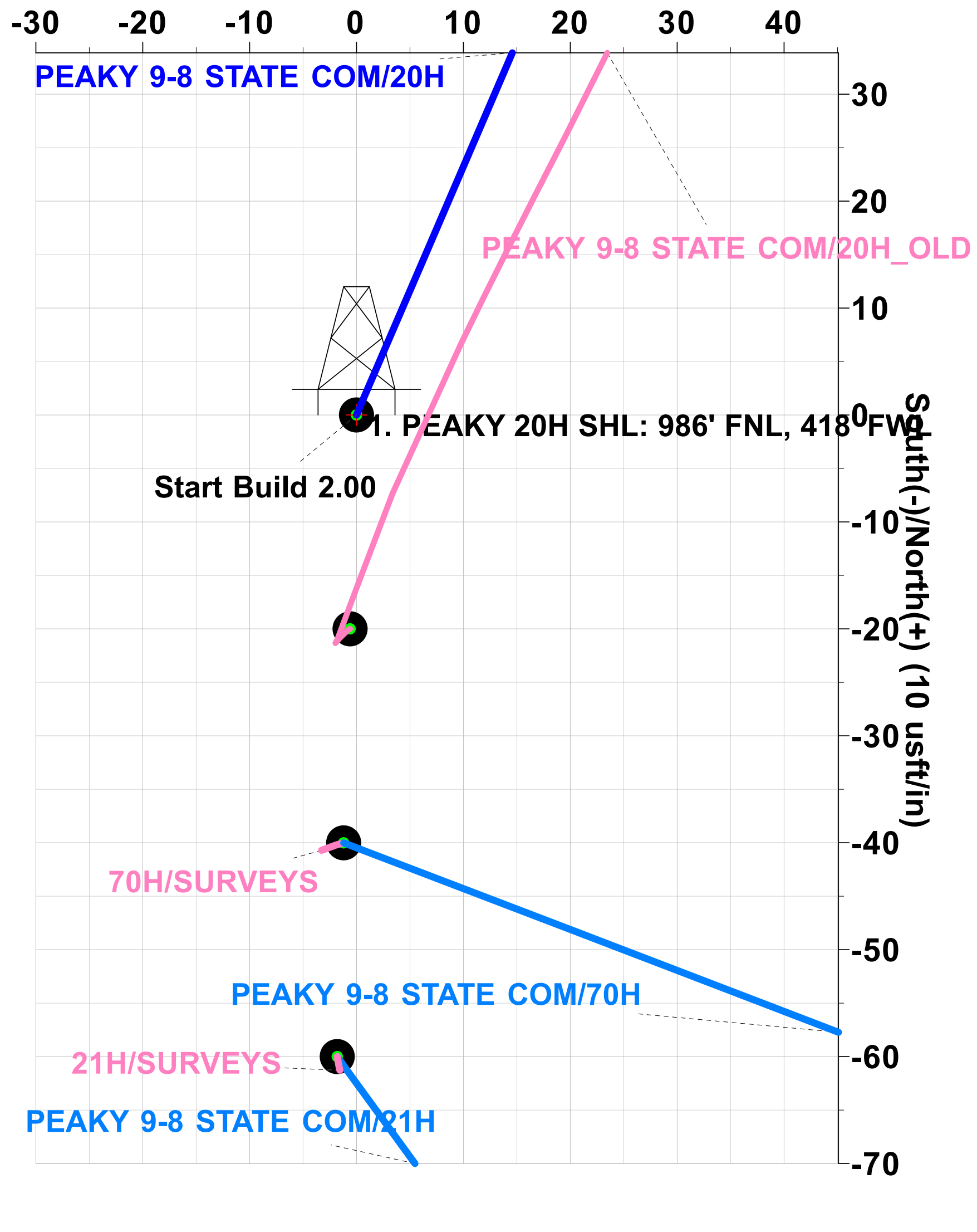
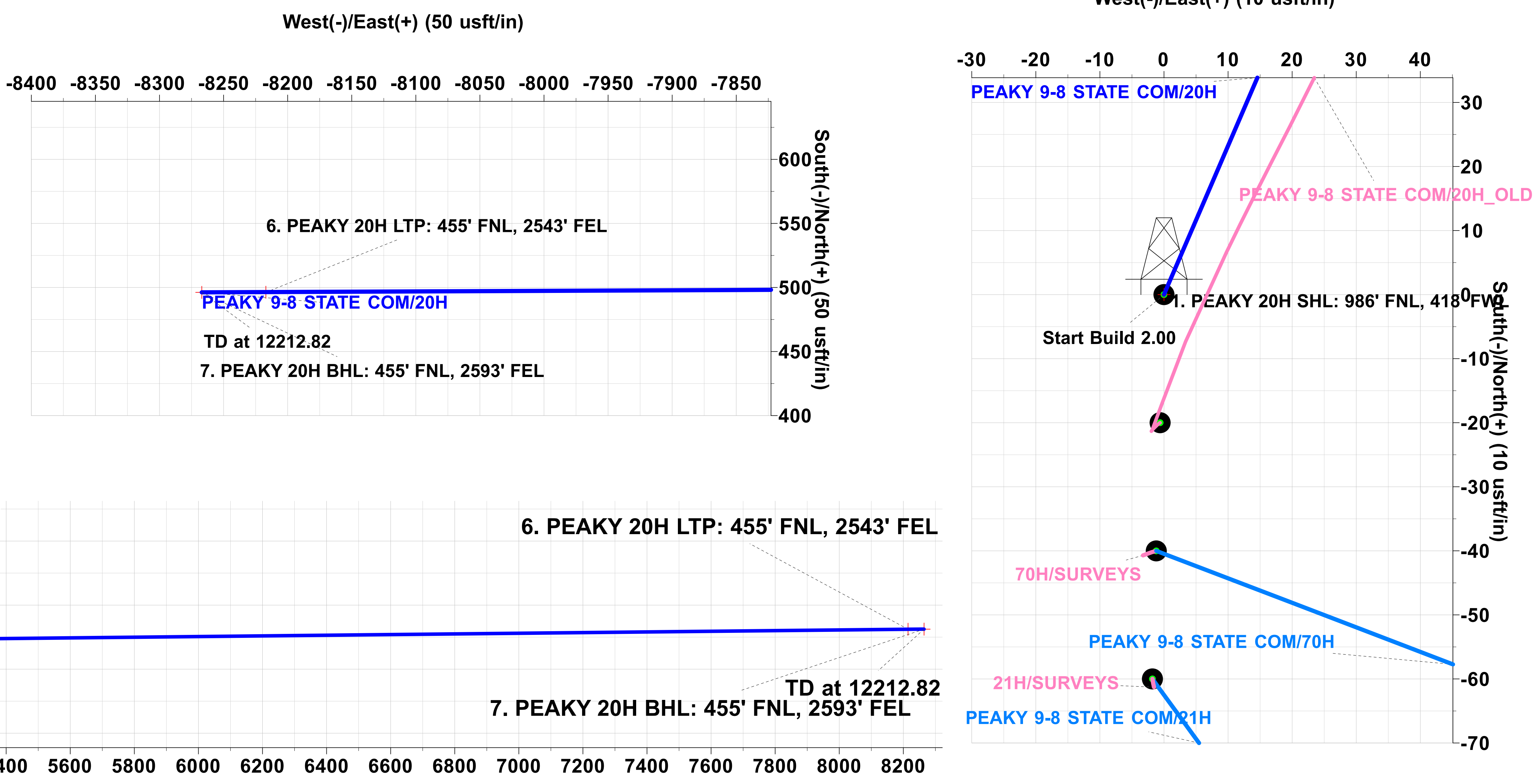
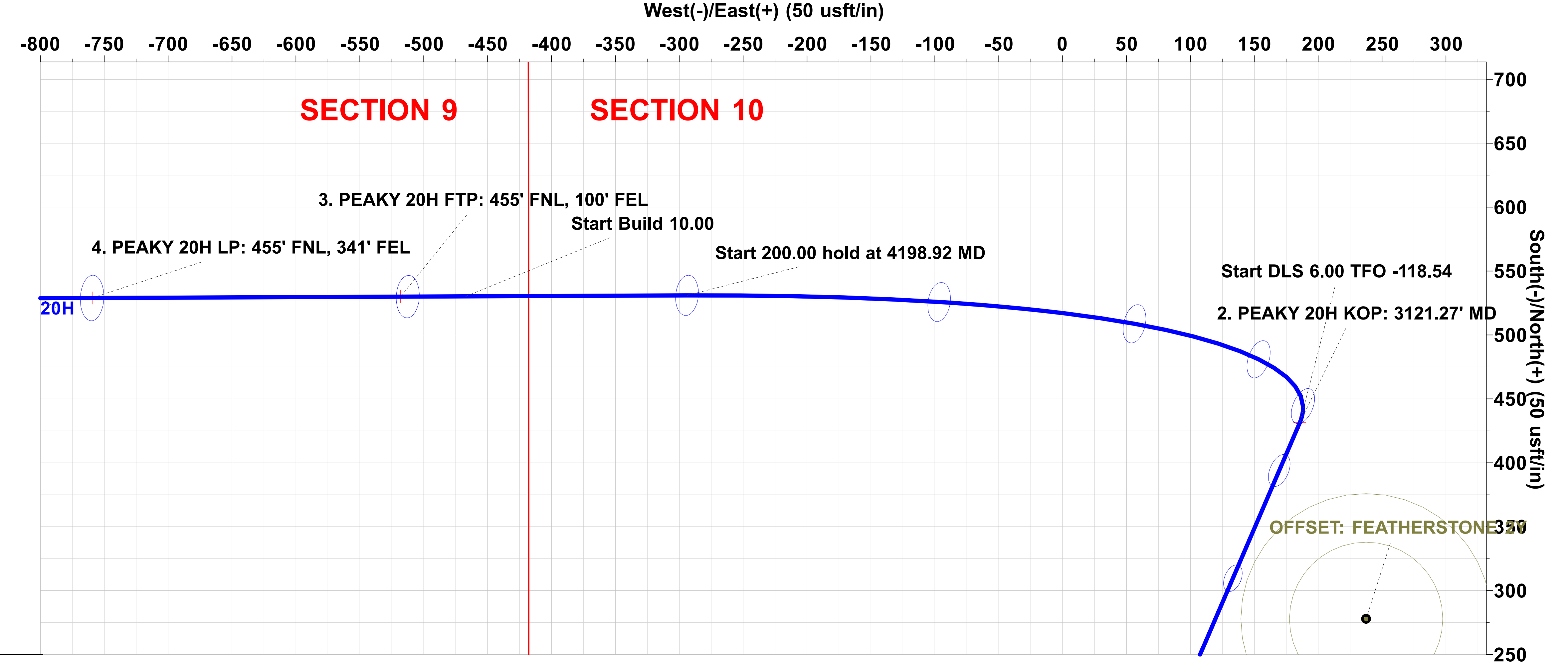
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	VSec	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	
3	829.01	10.58	23.29	826.01	44.74	19.25	2.00	-19.45	
4	3121.27	10.58	23.29	3079.30	431.34	185.64	0.00	-187.52	
5	4198.92	60.00	269.75	3975.58	530.99	-293.89	6.00	291.57	
6	4398.92	60.00	269.75	4075.58	530.23	-467.09	0.00	464.78	4. PEAKY 20H LP: 455' FNL, 341' FEL
7	4704.82	90.59	269.75	4152.31	528.96	-759.47	10.00	757.15	6. PEAKY 20H LTP: 455' FNL, 2543' FEL
8	12162.82	90.59	269.75	4075.51	496.42	-8217.00	0.00	8214.76	7. PEAKY 20H BHL: 455' FNL, 2593' FEL
9	12212.82	90.59	269.75	4075.00	496.20	-8267.00	0.00	8264.76	

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
1. PEAKY 20H SHL: 986' FNL, 418' FWL	0.00	0.00	0.00	674399.80	622225.70	32.85367	-104.06992
2. PEAKY 20H KOP: 3121.27' MD	3079.30	431.34	185.64	674831.14	622411.34	32.85486	-104.06932
3. PEAKY 20H FTP: 455' FNL, 100' FEL	4155.00	530.10	-518.00	674929.90	621707.70	32.85513	-104.07161
4. PEAKY 20H LP: 455' FNL, 341' FEL	4152.31	528.96	-759.47	674928.76	621466.23	32.85513	-104.07239
5. PEAKY 20H 1/2 SEC 9 XING: 6995.25' MD	4128.76	518.98	-3046.27	674918.78	619179.43	32.85512	-104.07984
6. PEAKY 20H LTP: 455' FNL, 2543' FEL	4075.51	496.30	-8217.00	674896.10	614008.70	32.85509	-104.09668
7. PEAKY 20H BHL: 455' FNL, 2593' FEL	4075.00	496.20	-8267.00	674896.00	613958.70	32.85509	-104.09684

Project: EDDY COUNTY, NM (NAD 83 - NME)
 Site: PEAKY 9-8 STATE COM
 Well: 20H
 Wellbore: OH
 Design: PLAN 4

PROJECT DETAILS: EDDY COUNTY, NM (NAD 83 - NME)
 Geodetic System: US State Plane 1983
 Datum: North American Datum 1983
 Ellipsoid: GRS 1980
 Zone: New Mexico Eastern Zone
 System Datum: Mean Sea Level



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SPUR ENERGY PARTNERS, LLC

EDDY COUNTY, NM (NAD 83 - NME)

PEAKY 9-8 STATE COM

20H

OH

Plan: PLAN 4

Standard Planning Report

27 February, 2026



**PROTOTYPE
WELL PLANNING**
WELL PLANNED. WELL EXECUTED.



PROTOTYPE
Planning Report



Database:	EDM 5000.17 Single User Db	Local Co-ordinate Reference:	Well 20H
Company:	SPUR ENERGY PARTNERS, LLC	TVD Reference:	RKB = 20' @ 3602.00usft (AKITA 57)
Project:	EDDY COUNTY, NM (NAD 83 - NME)	MD Reference:	RKB = 20' @ 3602.00usft (AKITA 57)
Site:	PEAKY 9-8 STATE COM	North Reference:	Grid
Well:	20H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	PLAN 4		

Project	EDDY COUNTY, NM (NAD 83 - NME)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Well	20H					
Well Position	+N/-S	0.00 usft	Northing:	674,399.80 usft	Latitude:	32.85367
	+E/-W	0.00 usft	Easting:	622,225.70 usft	Longitude:	-104.06993
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level:	3,582.00 usft
Grid Convergence:		0.14 °				

Design	PLAN 4				
Audit Notes:					
Version:	Phase:	PLAN	Tie On Depth:	0.00	
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.00	0.00	0.00	269.75	

Plan Survey Tool Program	Date	2/27/2026			
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks	
1	0.00	12,212.82	PLAN 4 (OH)	MWD+IFR1+MS	OWSG MWD + IFR1 + Mult

Plan Sections										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00	
829.01	10.58	23.29	826.01	44.74	19.25	2.00	2.00	0.00	23.29	
3,121.27	10.58	23.29	3,079.30	431.34	185.64	0.00	0.00	0.00	0.00	
4,198.92	60.00	269.75	3,975.58	530.99	-293.89	6.00	4.59	-10.54	-118.54	
4,398.92	60.00	269.75	4,075.58	530.23	-467.09	0.00	0.00	0.00	0.00	
4,704.82	90.59	269.75	4,152.31	528.96	-759.47	10.00	10.00	0.00	0.00	4. PEAKY 20H LP:
12,162.82	90.59	269.75	4,075.51	496.42	-8,217.00	0.00	0.00	0.00	0.00	6. PEAKY 20H LTP
12,212.82	90.59	269.75	4,075.00	496.20	-8,267.00	0.00	0.00	0.00	0.00	7. PEAKY 20H BHL



PROTOTYPE
Planning Report



Database:	EDM 5000.17 Single User Db	Local Co-ordinate Reference:	Well 20H
Company:	SPUR ENERGY PARTNERS, LLC	TVD Reference:	RKB = 20' @ 3602.00usft (AKITA 57)
Project:	EDDY COUNTY, NM (NAD 83 - NME)	MD Reference:	RKB = 20' @ 3602.00usft (AKITA 57)
Site:	PEAKY 9-8 STATE COM	North Reference:	Grid
Well:	20H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	PLAN 4		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1. PEAKY 20H SHL: 986' FNL, 418' FWL									
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	2.00	23.29	399.98	1.60	0.69	-0.70	2.00	2.00	0.00
500.00	4.00	23.29	499.84	6.41	2.76	-2.79	2.00	2.00	0.00
600.00	6.00	23.29	599.45	14.42	6.20	-6.27	2.00	2.00	0.00
700.00	8.00	23.29	698.70	25.61	11.02	-11.13	2.00	2.00	0.00
800.00	10.00	23.29	797.47	39.98	17.21	-17.38	2.00	2.00	0.00
829.01	10.58	23.29	826.01	44.74	19.25	-19.45	2.00	2.00	0.00
900.00	10.58	23.29	895.79	56.71	24.41	-24.65	0.00	0.00	0.00
1,000.00	10.58	23.29	994.09	73.58	31.67	-31.99	0.00	0.00	0.00
1,100.00	10.58	23.29	1,092.39	90.44	38.92	-39.32	0.00	0.00	0.00
1,200.00	10.58	23.29	1,190.69	107.31	46.18	-46.65	0.00	0.00	0.00
1,300.00	10.58	23.29	1,288.99	124.17	53.44	-53.98	0.00	0.00	0.00
1,400.00	10.58	23.29	1,387.29	141.04	60.70	-61.31	0.00	0.00	0.00
1,500.00	10.58	23.29	1,485.59	157.90	67.96	-68.65	0.00	0.00	0.00
1,600.00	10.58	23.29	1,583.89	174.77	75.22	-75.98	0.00	0.00	0.00
1,700.00	10.58	23.29	1,682.19	191.64	82.47	-83.31	0.00	0.00	0.00
1,800.00	10.58	23.29	1,780.49	208.50	89.73	-90.64	0.00	0.00	0.00
1,900.00	10.58	23.29	1,878.79	225.37	96.99	-97.97	0.00	0.00	0.00
2,000.00	10.58	23.29	1,977.09	242.23	104.25	-105.31	0.00	0.00	0.00
2,100.00	10.58	23.29	2,075.39	259.10	111.51	-112.64	0.00	0.00	0.00
2,200.00	10.58	23.29	2,173.69	275.96	118.77	-119.97	0.00	0.00	0.00
2,300.00	10.58	23.29	2,271.99	292.83	126.03	-127.30	0.00	0.00	0.00
2,400.00	10.58	23.29	2,370.29	309.70	133.28	-134.63	0.00	0.00	0.00
2,500.00	10.58	23.29	2,468.59	326.56	140.54	-141.97	0.00	0.00	0.00
2,600.00	10.58	23.29	2,566.89	343.43	147.80	-149.30	0.00	0.00	0.00
2,700.00	10.58	23.29	2,665.19	360.29	155.06	-156.63	0.00	0.00	0.00
2,800.00	10.58	23.29	2,763.49	377.16	162.32	-163.96	0.00	0.00	0.00
2,900.00	10.58	23.29	2,861.79	394.02	169.58	-171.29	0.00	0.00	0.00
3,000.00	10.58	23.29	2,960.09	410.89	176.84	-178.63	0.00	0.00	0.00
3,100.00	10.58	23.29	3,058.39	427.75	184.09	-185.96	0.00	0.00	0.00
3,121.27	10.58	23.29	3,079.30	431.34	185.64	-187.52	0.00	0.00	0.00
2. PEAKY 20H KOP: 3121.27' MD									
3,150.00	9.87	14.42	3,107.57	436.15	187.29	-189.20	6.00	-2.46	-30.86
3,200.00	9.29	356.66	3,156.89	444.33	188.13	-190.06	6.00	-1.16	-35.52
3,250.00	9.64	338.47	3,206.22	452.26	186.35	-188.33	6.00	0.71	-36.38
3,300.00	10.84	322.93	3,255.43	459.91	181.98	-183.99	6.00	2.40	-31.08
3,350.00	12.65	311.10	3,304.39	467.26	175.02	-177.06	6.00	3.61	-23.66
3,400.00	14.84	302.44	3,352.96	474.29	165.49	-167.56	6.00	4.38	-17.32
3,450.00	17.27	296.06	3,401.01	480.99	153.42	-155.52	6.00	4.86	-12.75
3,500.00	19.85	291.25	3,448.41	487.33	138.84	-140.96	6.00	5.17	-9.61
3,550.00	22.53	287.53	3,495.02	493.29	121.79	-123.94	6.00	5.37	-7.44
3,600.00	25.29	284.58	3,540.73	498.87	102.31	-104.49	6.00	5.50	-5.91
3,650.00	28.08	282.17	3,585.40	504.04	80.47	-82.67	6.00	5.60	-4.81
3,700.00	30.92	280.17	3,628.91	508.79	56.31	-58.53	6.00	5.67	-4.00
3,750.00	33.78	278.48	3,671.15	513.11	29.92	-32.16	6.00	5.72	-3.39
3,800.00	36.66	277.02	3,712.00	516.98	1.35	-3.60	6.00	5.76	-2.91
3,850.00	39.55	275.75	3,751.34	520.40	-29.31	27.04	6.00	5.79	-2.54
3,900.00	42.46	274.62	3,789.06	523.36	-61.98	59.70	6.00	5.82	-2.25
3,950.00	45.38	273.62	3,825.07	525.84	-96.57	94.28	6.00	5.84	-2.01
4,000.00	48.31	272.71	3,859.27	527.85	-132.99	130.68	6.00	5.85	-1.82



PROTOTYPE
Planning Report



Database:	EDM 5000.17 Single User Db	Local Co-ordinate Reference:	Well 20H
Company:	SPUR ENERGY PARTNERS, LLC	TVD Reference:	RKB = 20' @ 3602.00usft (AKITA 57)
Project:	EDDY COUNTY, NM (NAD 83 - NME)	MD Reference:	RKB = 20' @ 3602.00usft (AKITA 57)
Site:	PEAKY 9-8 STATE COM	North Reference:	Grid
Well:	20H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	PLAN 4		

Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
4,050.00	51.24	271.88	3,891.56	529.37	-171.13	168.81	6.00	5.86	-1.66	
4,100.00	54.18	271.11	3,921.85	530.40	-210.88	208.57	6.00	5.88	-1.53	
4,150.00	57.12	270.40	3,950.06	530.94	-252.15	249.84	6.00	5.88	-1.42	
4,198.92	60.00	269.75	3,975.58	530.99	-293.89	291.57	6.00	5.89	-1.33	
4,200.00	60.00	269.75	3,976.12	530.99	-294.82	292.50	0.00	0.00	0.00	
4,300.00	60.00	269.75	4,026.12	530.61	-381.42	379.11	0.00	0.00	0.00	
4,398.92	60.00	269.75	4,075.58	530.23	-467.09	464.78	0.00	0.00	0.00	
4,400.00	60.11	269.75	4,076.12	530.23	-468.03	465.71	10.00	10.00	0.00	
4,450.00	65.11	269.75	4,099.11	530.04	-512.41	510.09	10.00	10.00	0.00	
4,476.47	67.75	269.75	4,109.70	529.93	-536.67	534.35	10.00	10.00	0.00	
3. PEAKY 20H FTP: 455' FNL, 100' FEL										
4,500.00	70.11	269.75	4,118.16	529.83	-558.62	556.30	10.00	10.00	0.00	
4,550.00	75.11	269.75	4,133.10	529.63	-606.32	604.00	10.00	10.00	0.00	
4,600.00	80.11	269.75	4,143.82	529.41	-655.14	652.82	10.00	10.00	0.00	
4,650.00	85.11	269.75	4,150.25	529.20	-704.71	702.39	10.00	10.00	0.00	
4,704.82	90.59	269.75	4,152.31	528.96	-759.47	757.15	10.00	10.00	0.00	
4. PEAKY 20H LP: 455' FNL, 341' FEL										
4,800.00	90.59	269.75	4,151.33	528.54	-854.64	852.33	0.00	0.00	0.00	
4,900.00	90.59	269.75	4,150.30	528.11	-954.63	952.32	0.00	0.00	0.00	
5,000.00	90.59	269.75	4,149.27	527.67	-1,054.63	1,052.32	0.00	0.00	0.00	
5,100.00	90.59	269.75	4,148.24	527.23	-1,154.62	1,152.31	0.00	0.00	0.00	
5,200.00	90.59	269.75	4,147.21	526.80	-1,254.62	1,252.30	0.00	0.00	0.00	
5,300.00	90.59	269.75	4,146.18	526.36	-1,354.61	1,352.30	0.00	0.00	0.00	
5,400.00	90.59	269.75	4,145.15	525.92	-1,454.60	1,452.29	0.00	0.00	0.00	
5,500.00	90.59	269.75	4,144.12	525.49	-1,554.60	1,552.29	0.00	0.00	0.00	
5,600.00	90.59	269.75	4,143.09	525.05	-1,654.59	1,652.28	0.00	0.00	0.00	
5,700.00	90.59	269.75	4,142.06	524.62	-1,754.58	1,752.28	0.00	0.00	0.00	
5,800.00	90.59	269.75	4,141.03	524.18	-1,854.58	1,852.27	0.00	0.00	0.00	
5,900.00	90.59	269.75	4,140.00	523.74	-1,954.57	1,952.27	0.00	0.00	0.00	
6,000.00	90.59	269.75	4,138.98	523.31	-2,054.57	2,052.26	0.00	0.00	0.00	
6,100.00	90.59	269.75	4,137.95	522.87	-2,154.56	2,152.26	0.00	0.00	0.00	
6,200.00	90.59	269.75	4,136.92	522.43	-2,254.55	2,252.25	0.00	0.00	0.00	
6,300.00	90.59	269.75	4,135.89	522.00	-2,354.55	2,352.25	0.00	0.00	0.00	
6,400.00	90.59	269.75	4,134.86	521.56	-2,454.54	2,452.24	0.00	0.00	0.00	
6,500.00	90.59	269.75	4,133.83	521.13	-2,554.53	2,552.24	0.00	0.00	0.00	
6,600.00	90.59	269.75	4,132.80	520.69	-2,654.53	2,652.23	0.00	0.00	0.00	
6,700.00	90.59	269.75	4,131.77	520.25	-2,754.52	2,752.23	0.00	0.00	0.00	
6,800.00	90.59	269.75	4,130.74	519.82	-2,854.52	2,852.22	0.00	0.00	0.00	
6,900.00	90.59	269.75	4,129.71	519.38	-2,954.51	2,952.21	0.00	0.00	0.00	
6,991.77	90.59	269.75	4,128.76	518.98	-3,046.27	3,043.98	0.00	0.00	0.00	
5. PEAKY 20H 1/2 SEC 9 XING: 6995.25' MD										
7,000.00	90.59	269.75	4,128.68	518.94	-3,054.50	3,052.21	0.00	0.00	0.00	
7,100.00	90.59	269.75	4,127.65	518.51	-3,154.50	3,152.20	0.00	0.00	0.00	
7,200.00	90.59	269.75	4,126.62	518.07	-3,254.49	3,252.20	0.00	0.00	0.00	
7,300.00	90.59	269.75	4,125.59	517.64	-3,354.48	3,352.19	0.00	0.00	0.00	
7,400.00	90.59	269.75	4,124.56	517.20	-3,454.48	3,452.19	0.00	0.00	0.00	
7,500.00	90.59	269.75	4,123.53	516.76	-3,554.47	3,552.18	0.00	0.00	0.00	
7,600.00	90.59	269.75	4,122.50	516.33	-3,654.47	3,652.18	0.00	0.00	0.00	
7,700.00	90.59	269.75	4,121.47	515.89	-3,754.46	3,752.17	0.00	0.00	0.00	
7,800.00	90.59	269.75	4,120.44	515.45	-3,854.45	3,852.17	0.00	0.00	0.00	
7,900.00	90.59	269.75	4,119.41	515.02	-3,954.45	3,952.16	0.00	0.00	0.00	
8,000.00	90.59	269.75	4,118.38	514.58	-4,054.44	4,052.16	0.00	0.00	0.00	
8,100.00	90.59	269.75	4,117.35	514.14	-4,154.43	4,152.15	0.00	0.00	0.00	



PROTOTYPE
Planning Report



Database:	EDM 5000.17 Single User Db	Local Co-ordinate Reference:	Well 20H
Company:	SPUR ENERGY PARTNERS, LLC	TVD Reference:	RKB = 20' @ 3602.00usft (AKITA 57)
Project:	EDDY COUNTY, NM (NAD 83 - NME)	MD Reference:	RKB = 20' @ 3602.00usft (AKITA 57)
Site:	PEAKY 9-8 STATE COM	North Reference:	Grid
Well:	20H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	PLAN 4		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
8,200.00	90.59	269.75	4,116.32	513.71	-4,254.43	4,252.15	0.00	0.00	0.00
8,300.00	90.59	269.75	4,115.29	513.27	-4,354.42	4,352.14	0.00	0.00	0.00
8,400.00	90.59	269.75	4,114.26	512.84	-4,454.42	4,452.14	0.00	0.00	0.00
8,500.00	90.59	269.75	4,113.23	512.40	-4,554.41	4,552.13	0.00	0.00	0.00
8,600.00	90.59	269.75	4,112.20	511.96	-4,654.40	4,652.12	0.00	0.00	0.00
8,700.00	90.59	269.75	4,111.17	511.53	-4,754.40	4,752.12	0.00	0.00	0.00
8,800.00	90.59	269.75	4,110.14	511.09	-4,854.39	4,852.11	0.00	0.00	0.00
8,900.00	90.59	269.75	4,109.11	510.65	-4,954.38	4,952.11	0.00	0.00	0.00
9,000.00	90.59	269.75	4,108.08	510.22	-5,054.38	5,052.10	0.00	0.00	0.00
9,100.00	90.59	269.75	4,107.05	509.78	-5,154.37	5,152.10	0.00	0.00	0.00
9,200.00	90.59	269.75	4,106.02	509.35	-5,254.37	5,252.09	0.00	0.00	0.00
9,300.00	90.59	269.75	4,104.99	508.91	-5,354.36	5,352.09	0.00	0.00	0.00
9,400.00	90.59	269.75	4,103.96	508.47	-5,454.35	5,452.08	0.00	0.00	0.00
9,500.00	90.59	269.75	4,102.93	508.04	-5,554.35	5,552.08	0.00	0.00	0.00
9,600.00	90.59	269.75	4,101.91	507.60	-5,654.34	5,652.07	0.00	0.00	0.00
9,700.00	90.59	269.75	4,100.88	507.16	-5,754.33	5,752.07	0.00	0.00	0.00
9,800.00	90.59	269.75	4,099.85	506.73	-5,854.33	5,852.06	0.00	0.00	0.00
9,900.00	90.59	269.75	4,098.82	506.29	-5,954.32	5,952.06	0.00	0.00	0.00
10,000.00	90.59	269.75	4,097.79	505.85	-6,054.32	6,052.05	0.00	0.00	0.00
10,100.00	90.59	269.75	4,096.76	505.42	-6,154.31	6,152.04	0.00	0.00	0.00
10,200.00	90.59	269.75	4,095.73	504.98	-6,254.30	6,252.04	0.00	0.00	0.00
10,300.00	90.59	269.75	4,094.70	504.55	-6,354.30	6,352.03	0.00	0.00	0.00
10,400.00	90.59	269.75	4,093.67	504.11	-6,454.29	6,452.03	0.00	0.00	0.00
10,500.00	90.59	269.75	4,092.64	503.67	-6,554.28	6,552.02	0.00	0.00	0.00
10,600.00	90.59	269.75	4,091.61	503.24	-6,654.28	6,652.02	0.00	0.00	0.00
10,700.00	90.59	269.75	4,090.58	502.80	-6,754.27	6,752.01	0.00	0.00	0.00
10,800.00	90.59	269.75	4,089.55	502.36	-6,854.27	6,852.01	0.00	0.00	0.00
10,900.00	90.59	269.75	4,088.52	501.93	-6,954.26	6,952.00	0.00	0.00	0.00
11,000.00	90.59	269.75	4,087.49	501.49	-7,054.25	7,052.00	0.00	0.00	0.00
11,100.00	90.59	269.75	4,086.46	501.06	-7,154.25	7,151.99	0.00	0.00	0.00
11,200.00	90.59	269.75	4,085.43	500.62	-7,254.24	7,251.99	0.00	0.00	0.00
11,300.00	90.59	269.75	4,084.40	500.18	-7,354.23	7,351.98	0.00	0.00	0.00
11,400.00	90.59	269.75	4,083.37	499.75	-7,454.23	7,451.98	0.00	0.00	0.00
11,500.00	90.59	269.75	4,082.34	499.31	-7,554.22	7,551.97	0.00	0.00	0.00
11,600.00	90.59	269.75	4,081.31	498.87	-7,654.22	7,651.97	0.00	0.00	0.00
11,700.00	90.59	269.75	4,080.28	498.44	-7,754.21	7,751.96	0.00	0.00	0.00
11,800.00	90.59	269.75	4,079.25	498.00	-7,854.20	7,851.95	0.00	0.00	0.00
11,900.00	90.59	269.75	4,078.22	497.56	-7,954.20	7,951.95	0.00	0.00	0.00
12,000.00	90.59	269.75	4,077.19	497.13	-8,054.19	8,051.94	0.00	0.00	0.00
12,100.00	90.59	269.75	4,076.16	496.69	-8,154.18	8,151.94	0.00	0.00	0.00
12,162.82	90.59	269.75	4,075.51	496.42	-8,217.00	8,214.76	0.00	0.00	0.00
6. PEAKY 20H LTP: 455' FNL, 2543' FEL									
12,200.00	90.59	269.75	4,075.13	496.26	-8,254.18	8,251.93	0.00	0.00	0.00
12,212.82	90.59	269.75	4,075.00	496.20	-8,267.00	8,264.76	0.00	0.00	0.00
7. PEAKY 20H BHL: 455' FNL, 2593' FEL									



PROTOTYPE
Planning Report



Database:	EDM 5000.17 Single User Db	Local Co-ordinate Reference:	Well 20H
Company:	SPUR ENERGY PARTNERS, LLC	TVD Reference:	RKB = 20' @ 3602.00usft (AKITA 57)
Project:	EDDY COUNTY, NM (NAD 83 - NME)	MD Reference:	RKB = 20' @ 3602.00usft (AKITA 57)
Site:	PEAKY 9-8 STATE COM	North Reference:	Grid
Well:	20H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	PLAN 4		

Design Targets										
Target Name	- hit/miss target	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
- Shape		(°)	(°)	(usft)	(usft)	(usft)	(usft)	(usft)		
1. PEAKY 20H SHL: 9	- plan hits target center	0.00	0.01	0.00	0.00	0.00	674,399.80	622,225.70	32.85367	-104.06993
	- Point									
2. PEAKY 20H KOP: 1	- plan hits target center	0.00	0.00	3,079.30	431.34	185.64	674,831.14	622,411.34	32.85486	-104.06932
	- Point									
7. PEAKY 20H BHL: 4	- plan hits target center	0.00	0.00	4,075.00	496.20	-8,267.00	674,896.00	613,958.70	32.85509	-104.09684
	- Point									
6. PEAKY 20H LTP: 4	- plan misses target center by 0.12usft at 12162.82usft MD (4075.51 TVD, 496.42 N, -8217.00 E)	0.00	0.00	4,075.51	496.30	-8,217.00	674,896.10	614,008.70	32.85509	-104.09668
	- Point									
5. PEAKY 20H 1/2 SE	- plan hits target center	0.00	0.00	4,128.76	518.98	-3,046.27	674,918.77	619,179.43	32.85512	-104.07984
	- Point									
4. PEAKY 20H LP: 45	- plan hits target center	0.00	0.00	4,152.31	528.96	-759.47	674,928.75	621,466.23	32.85513	-104.07240
	- Point									
3. PEAKY 20H FTP: 4	- plan misses target center by 49.00usft at 4476.47usft MD (4109.70 TVD, 529.93 N, -536.67 E)	0.00	0.00	4,155.00	530.10	-518.00	674,929.90	621,707.70	32.85513	-104.07161
	- Point									

Spur Energy Partners LLC – Peaky 9-8 State Com 20H

1. Geologic Formations

TVD of target	4075'
MD at TD:	12213'

Formation	Depth	Lithology	Expected Fluids
Quaternary	0'	Dolomite, other: Caliche	Useable Water
Rustler	165'	Dolomite, Shale, Anhydrite	Other: Brackish Water
Top Salt	265'	Anhydrite	Other: Salt
Base Salt	790'	Sandstone, Dolomite	None
Yates	925'	Dolomite, Limestone, Shale, Siltstone	None
Seven Rivers	1185'	Dolomite, Limestone	None
Queen	1765'	Anhydrite, Dolomite, Sandstone	None
Grayburg	2175'	Anhydrite	Natural Gas, Oil
San Andres	2460'	Dolomite	Natural Gas, Oil
Glorieta	3915'	Dolomite, Siltstone	Natural Gas, Oil
Paddock	3990'	Dolomite, Limestone	Natural Gas, Oil
Blinebry	4345'	Dolomite, Limestone	Natural Gas, Oil
Tubb	5285'	Dolomite, Limestone	Natural Gas, Oil

*H2S, water flows, loss of circulation, abnormal pressures, etc.

2. Casing Program

All casing strings will be tested in accordance with Onshore Oil and Gas Order #2 III.B.1.h

Casing Formation Set Interval	Hole Size (in)	Casing Interval		Csg. Size (in)	Weight (lbs)	Grade	Conn.	SF	SF Burst	Body SF	Joint SF
		From (ft)	To (ft)					Collapse		Tension	Tension
Rustler	17.5	0	225	13.375	54.5	J-55	BTC	1.125	1.2	1.4	1.4
Seven Rivers	12.25	0	1650	9.625	36	J-55	BTC	1.125	1.2	1.4	1.4
N/A	8.75	0	4450	7	32	L-80	GBCD	1.125	1.2	1.4	1.4
Yeso	8.75	4450	12213	5.5	20	L-80	GBCD	1.125	1.2	1.4	1.4

SF Values will meet or Exceed

Spur Energy Partners LLC – Peak 9-8 State Com 20H

	Y or N
Is casing new? If used, attach certification as required in Onshore Order #1	Y
Does casing meet API specifications? If no, attach casing specification sheet.	Y
Is premium or uncommon casing planned? If yes attach casing specification sheet.	N
Does the above casing design meet or exceed BLM’s minimum standards? If not provide justification (loading assumptions, casing design criteria).	Y
Will the intermediate pipe be kept at a minimum 1/3 fluid filled to avoid approaching the collapse pressure rating of the casing?	Y
Is well located within Capitan Reef?	N
If yes, does production casing cement tie back a minimum of 50’ above the Reef?	
Is well within the designated 4 string boundary.	
Is well located in SOPA but not in R-111-P?	N
If yes, are the first 2 strings cemented to surface and 3 rd string cement tied back 500’ into previous casing?	
Is well located in R-111-P and SOPA?	N
If yes, are the first three strings cemented to surface?	
Is 2 nd string set 100’ to 600’ below the base of salt?	
Is well located in high Cave/Karst?	Y
If yes, are there two strings cemented to surface?	Y
Is well located in critical Cave/Karst?	N
If yes, are there three strings cemented to surface?	

3. Cementing Program

Casing String	Top (ft)	Bottom (ft)	% Excess
Surface Tail	0	225	100%
Intermediate (Lead)	0	225	50%
Intermediate (Tail)	225	1650	100%
Production (Lead)	0	3450	0%
Production (Tail)	3450	12213	50%

Casing String	# Skcs	Wt. (lb/gal)	Yld (ft3/sack)	H2O (gal/sk)	500# Comp. Strength (hours)	Slurry Description
Surface Tail	143	13.2	2.32	9.92	6:59	Clas C Premium Plus Cement
Intermediate (Lead)	45	12.2	1.84	13.48	8:12	Clas C Premium Plus Cement
Intermediate (Tail)	393	13.2	2.32	9.92	6:59	Clas C Premium Plus Cement
Production (Lead)	497	11.8	2.54	15.29	N/A	Clas C Premium Plus Cement
Production (Tail)	1756	13.2	1.81	9.81	N/A	Clas C Premium Plus Cement

Spur Energy Partners LLC – Peak 9-8 State Com 20H

4. Pressure Control Equipment

Spur Energy Partners LLC variance for flex hose

Spur requests a variance to use a flex line from the BOP to the choke manifold. Documentation will be attached in the APD and be readily available. No external damage to flex line. Flex line to be installed as straight as possible (no bends).

BOP installed and tested before drilling which hole?	Size?	Min. Required WP	Type	✓	Tested to:
12.25" Hole	13-5/8"	5M	Annular	✓	70% of working pressure
		5M	Blind Ram	✓	250 psi / 3000 psi
			Pipe Ram	✓	
			Double Ram		
			Other*		
8.75" Hole	13-5/8"	5M	Annular	✓	70% of working pressure
		5M	Blind Ram	✓	250 psi / 3000 psi
			Pipe Ram	✓	
			Double Ram		
			Other*		

Spur Energy Partners LLC will be utilizing a 5M BOP

Condition	Specify what type and where?
BH Pressure at deepest TVD	1886 psi
Abnormal Temperature	No
BH Temperature at deepest TVD	113°F

*Specify if additional ram is utilized.

BOP/BOPE will be tested by an independent service company to 250 psi low and the high pressure indicated above per Onshore Order 2 requirements. The System may be upgraded to a higher pressure but still tested to the working pressure listed in the table above. If the system is upgraded all the components installed will be functional and tested.

Pipe rams will be operationally checked each 24-hour period. Blind rams will be operationally checked on each trip out of the hole. These checks will be noted on the daily tour sheets. Other accessories to the BOP equipment will include a Kelly cock and floor safety valve (inside BOP) and choke lines and choke manifold. See attached schematics.

Formation integrity test will be performed per Onshore Order #2.
--

Spur Energy Partners LLC – Peaky 9-8 State Com 20H

	On Exploratory wells or on that portion of any well approved for a 5M BOPE system or greater, a pressure integrity test of each casing shoe shall be performed. Will be tested in accordance with Onshore Oil and Gas Order #2 III.B.1.i.
Y	Are anchors required by manufacturer?
	A conventional wellhead system will be employed. The wellhead and connection to the BOPE will meet all API 6A requirements. The BOP will be tested per Onshore Order #2 after installation on the surface casing which will cover testing requirements for a maximum of 30 days. See attached schematics.

5. BOP Break Testing Request

Spur Energy Partners LLC requests permission to adjust the BOP break testing requirements as follows:

BOP break test under the following conditions:

- After a full BOP test is conducted
- When skidding to drill the production section, where the surface casing point is shallower than the 3 Bone Spring or 10,000 TVD.
- When skidding to drill a production section that does not penetrate the 3rd Bone Spring or deeper.

If the kill line is broken prior to skid, four tests will be performed.

- 1) The void between the wellhead and the spool (this consists of two tests)
- 2) The spool between the kill lines and the choke manifold (this consists of two tests)

If the kill line is not broken prior to skid, two tests will be performed.

- 1) The void between the wellhead and the pipe rams

6. Mud Program

Sufficient mud materials to maintain mud properties and meet minimum lost circulation and weight increase requirements will be kept on location at all times. The following is a general list of products: Barite, Bentonite, Gypsum, Lime, Soda Ash, Caustic Soda, Nut Plug, Cedar Fiber, Cotton Seed Hulls, Drilling Paper, Salt Water Clay, CACL2. Spur will use a closed mud system.

Depth		Type	Weight (ppg)	Viscosity	Water Loss
From (ft)	To (ft)				
0	225	Water-Based Mud	8.6-8.9	32-36	N/C
450	1650	Brine	9.0-10.0	32-36	N/C
1650	12213	Brine	9.0-10.0	32-36	N/C

Spur Energy Partners LLC – Peaky 9-8 State Com 20H

What will be used to monitor the loss or gain of fluid?	PVT/PASON/Visual Monitoring
---	-----------------------------

7. Logging and Testing Procedures

Logging, Coring and Testing.		
Yes	Will run GR from TD to surface (horizontal well – vertical portion of hole). Stated logs run will be in the Completion Report and submitted to the BLM.	
No	Logs are planned based on well control or offset log information.	
No	Drill stem test? If yes, explain	
No	Coring? If yes, explain	
Additional logs planned		Interval
No	Resistivity	
No	Density	
No	CBL	
Yes	Mud log	ICP - TD
No	PEX	

8. Drilling Conditions

Pump high viscosity sweeps as needed for hole cleaning. The mud system will be monitored visually/manually as well as with an electronic PVT. The necessary mud products for additional weight and fluid loss control will be on location at all times. Appropriately weighted mud will be used to isolate potential gas, oil, and water zones until such time as casing can be cemented into place for zonal isolation.

Hydrogen Sulfide (H2S) monitors will be installed prior to drilling out the surface shoe. If H2S is detected in concentrations greater than 100 ppm, the operator will comply with the provisions of Onshore Oil and Gas Order #6. If Hydrogen Sulfide is encountered, measured values and formations will be provided to the BLM.	
N	H2S is present
Y	H2S Plan attached

Total estimated cuttings volume: 1083.5 bbls.

Spur Energy Partners LLC – Peaky 9-8 State Com 20H

9. Other facets of operation

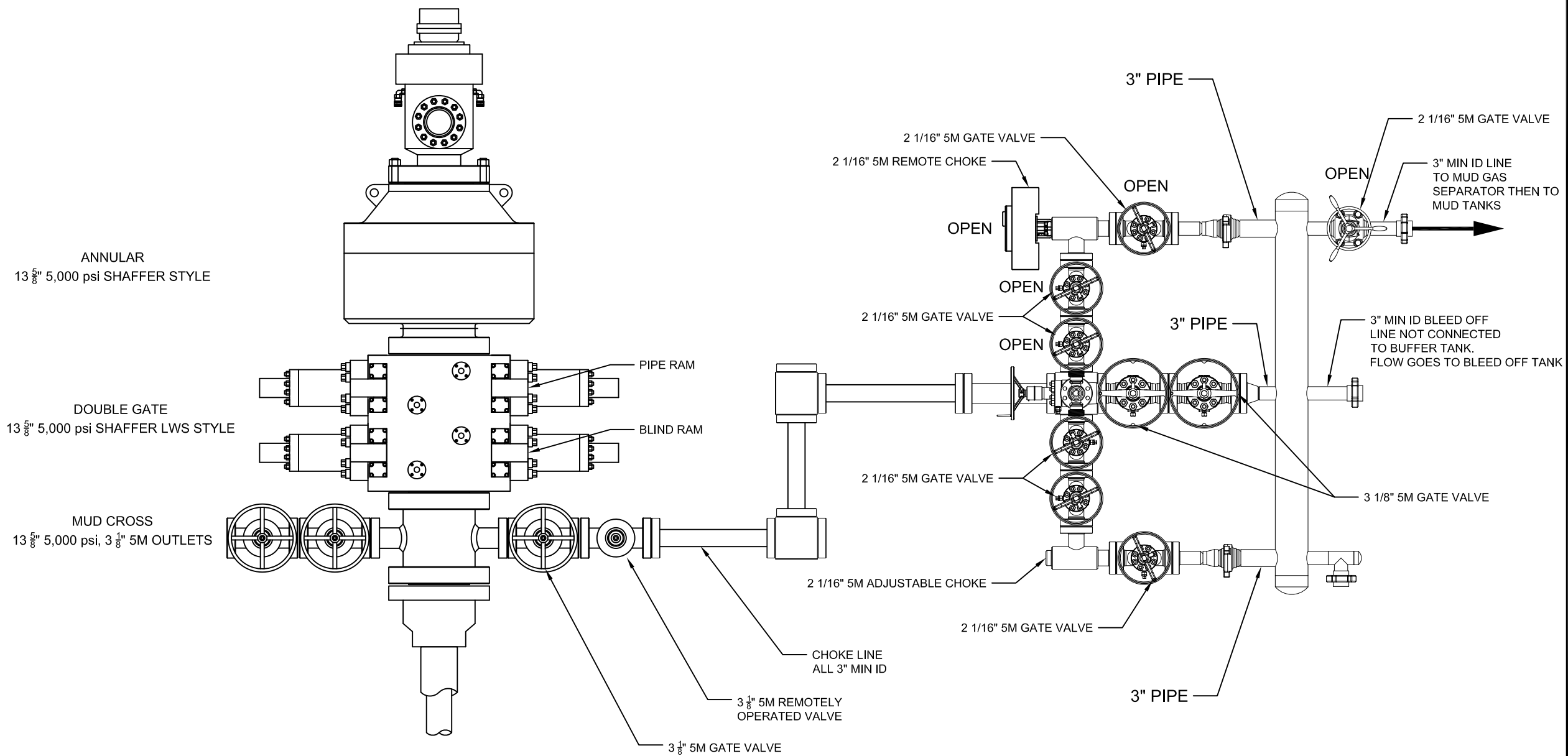
	Yes/No
Will more than one drilling rig be used for drilling operations? If yes, describe. Spur Energy Partners LLC. requests the option to contract a Surface Rig to drill, set surface/intermediate casing, and cement for this well. If the timing between rigs is such that Spur Energy Partners LLC. would not be able to preset surface, the Primary Rig will MIRU and drill the well in its entirety per the APD. Please see the attached document for information on the spudder rig.	Yes

Attachments

- Directional Plan
- H2S Contingency Plan
- Akita 57 Attachments
- BOP Schematics
- Transcend Spudder Rig Attachments

10. Company Personnel

Name	Title	Office Phone	Mobile Phone
Christopher Hollis	Drilling Manager	832-930-8629	713-380-7754
Johnny Nabors	Senior Vice President Operations	832-930-8502	281-904-8811



Notes
 -
 -
 -

No.	Revision	Date

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

The information contained in this drawing is the sole property of AKITA Drilling Ltd. Any reproduction in whole or part without the express written consent of AKITA Drilling Ltd. is prohibited.

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

RIG 57 BOP SCHEMATIC

TRANSCEND RIG 4	Contractor Specification
Make	Schram
Model	TXD 130
Year of Manufacture	2006
Truck Mounted	YES
Rated Drilling Depth	130,000# hook load
Rated Depth with Tubing	
Derrick Height	69' 9"
Derrick Type	Telescoping Hydraulic
Derrick Capacity	130,000#
Elevators	N/A
Drawworks	760 HP Detroit
Wire Diameter	Hydraulic
Workfloor Max Height	8'
Tongs	Hydraulic Iron Roughneck
Slips	Manual Slips
Included Tubing Handling Tools	<ul style="list-style-type: none"> • 13 3/8" handling tools
Included Rod Handling Tools	85jts of 4.5" drill pipe
BOP Class Compatibility	
Weight Indicator	Hydraulic
Rig Safety Equipment	Eye wash station, fire extengushers, wind sock
Pad Size Requirements/Limitations	60' x 60'
Guy Line Spacing	N/A
Other Supplied Rig Equipment	<p>Standard Rig Hand Tools:</p> <ul style="list-style-type: none"> • (2) 36" pipe wrenches • (2) 24" pipe wrenches • (2) 18" pipe wrenches • (1) 24" crescent wrench • (2) 12" crescent wrenches • (1) 4 lb shop hammer • (1) 12 lb sledge hammer • (1) 4 foot pry bar • Vehicles for Contractor personnel • Air Impact Wrench with Sockets • Mud Scales (as needed) <p>1- F800 pump 1- Pill pit 80bbl 1- 400 bbl mud mix 1- Shaker 150mesh 1- 500 bbl fresh water frac tank</p>



GATES ENGINEERING & SERVICES NORTH AMERICA
7603 Prairie Oak Dr. Suite 190
Houston, TX. 77086

PHONE: +1 (281) 602-4100
FAX: +1 (281) 602-4147
EMAIL: gesna.quality@gates.com
WEB: www.gates.com/oilandgas

PRESSURE TEST CERTIFICATE

Customer:	AKITA DRILLING USA CORP	Test Date:	5/29/2024
Customer Ref.:	POC0048688 (TAG RIG 57)	Hose Serial No.:	H3-052924-4
Invoice No.:	530233	Created By:	Danny Martinez - Rios

Product Description:	3.0" X 21' GATES FIRE RATED CHOKE & KILL HOSE ASSEMBLY SUITED FOR H2S SERVICE C/W 3-1/8" 5K FIXED X FLOAT FLANGES
----------------------	---

End Fitting 1:	3 1/8 5k FLG FIXED	End Fitting 2:	3 1/8 5k FLG FLOAT
Oracle Star No.:	68903050-10475543	Assembly Code:	L44385 050724
CUSTOMER P/N:	FRD3.021.0CK3185KFLTXFIX	Test Pressure:	7,500 PSI.
		Working Pressure:	5,000 PSI.

Gates Engineering & Services North America certifies that:

The following hose assembly has successfully passed all pressure testing requirements set forth in Gates specifications: GTS-04-052 (for 5K assemblies) or GTS-04-053 (10K assemblies) or GTS-04-048 (15K assemblies), which include reference to Specification API 16C (3rd Edition); sections 7.4.1, 7.4.5, and 10.7.7. A test graph will accompany this test certificate to illustrate conformity to test requirements. This hose assembly was pressure tested using equipment and instrumentation that has been calibrated in accordance with the requirements set-forth in the GESNA management system.

Quality:	QUALITY	Production:	PRODUCTION
Date :	5/29/2024	Date :	5/29/2024
Signature :	<i>Danny Martinez</i>	Signature :	<i>[Signature]</i>

F-PRD-005B

Revision 7_03012022



BLACK GOLD®

GATES ENGINEERING & SERVICES NORTH AMERICA
7603 Pralrie Oak Dr.
Houston, TX. 77086

PHONE: +1 (281) 602-4100
FAX: +1 (281) 602-4147
EMAIL: gesna.quality@gates.com
WEB: www.gates.com/ollandgas

CERTIFICATE OF CONFORMANCE

This is to certify that all parts and materials included in this shipment have manufactured and/or processed in accordance with various Gates and API assembly and test specifications. Records of required tests are on-file and subject to examination. Test reports and subsequent test graphs have been made available with this shipment. Additional supporting documentation related to materials, welding, weld inspections, and heat-treatment activities are available upon request.

CUSTOMER: AKITA DRILLING USA CORP
CUSTOMER P.O.#: POC0048688 (TAG RIG 57)
CUSTOMER P./N.#: FRD3.021.0CK3185KFLTXFIX

PART DESCRIPTION: 3.0" X 21' GATES FIRE RATED CHOKE & KILL HOSE ASSEMBLY SUITED FOR H2S SERVICE C/W 3-1/8" 5K FIXED X FLOAT FLANGES

SALES ORDER #: 530233
QUANTITY: 1
SERIAL #: H3-052924-4

SIGNATURE: Danny Martinez Pires
TITLE: QUALITY ASSURANCE
DATE: 5/29/2024



TEST REPORT

CUSTOMER

Company: AKITA DRILLING

Production description:

Sales order #: 530233

Customer reference: FG9751

TEST OBJECT

Serial number: H3-052924-4

Lot number: L44385050724

Description:

Hose ID: 3.0" 5k ck ms

Part number:

TEST INFORMATION

Test procedure: GTS-04-052

Test pressure: 7500.00 psi

Test pressure hold: 3600.00 sec

Work pressure: 5000.00 psi

Work pressure hold: 900.00 sec

Length difference: 0.00 %

Length difference: 0.00 inch

Fitting 1: 3.0 x 3-1/8 5K

Part number:

Description:

Fitting 2: 3.0 x 3-1/8 5K

Part number:

Description:

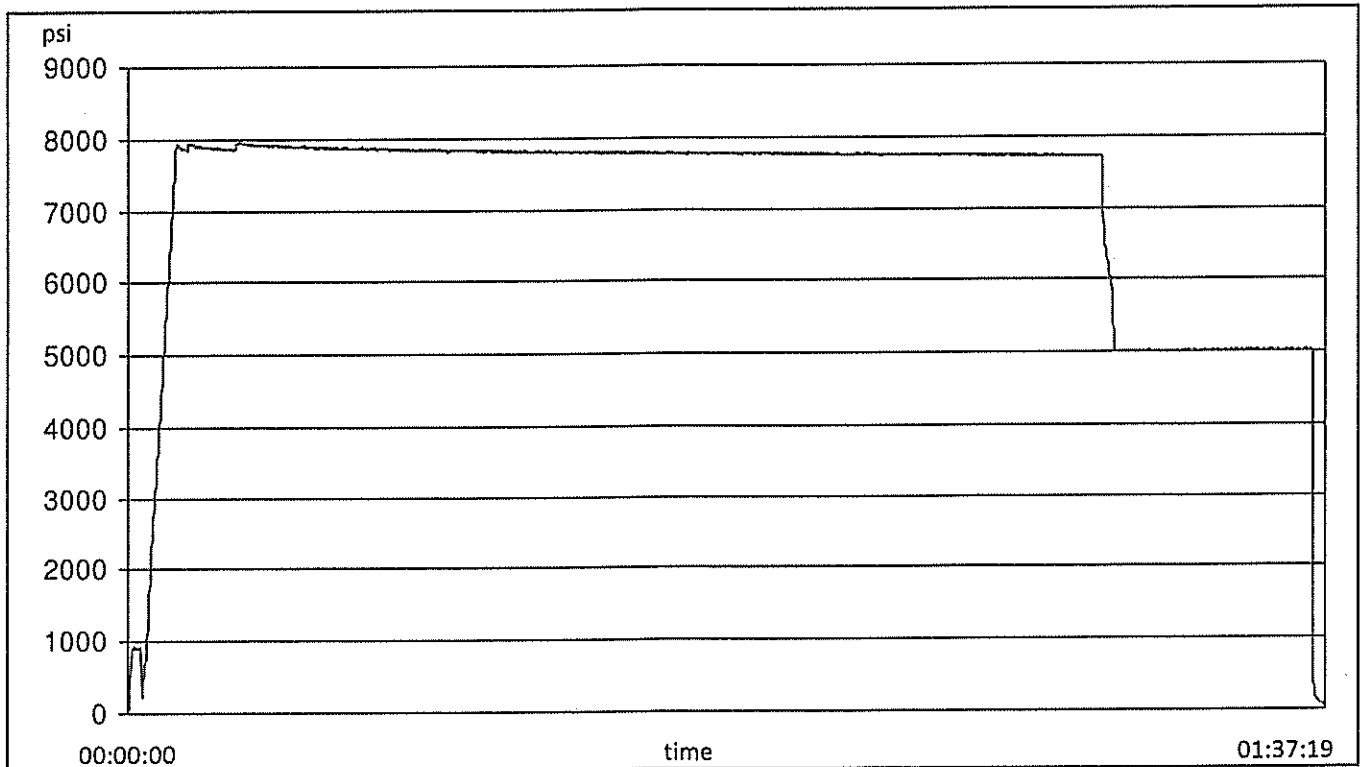
Visual check:

Pressure test result: PASS

Length measurement result:

Length: 21 feet

Test operator: Martin





TEST REPORT

GAUGE TRACEABILITY

Description	Serial number	Calibration date	Calibration due date
S-25-A-W	110D3PHO	2023-06-06	2024-06-06
S-25-A-W	110IQWDG	2023-05-31	2024-05-31
S-25-A-W	110M6WPF	2024-02-02	2025-02-02

Comment

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:** 03/09/2026

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: Peaky 20H SHL shift with updated dates

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
Peaky 9 8 State Com 20H		D-10-17S-29E	986' FNL 418' FWL	506 BBL/D	787 MCF/D	2785 BBL/D
Peaky 9 8 State Com 70H	30-015-57606	D-10-17S-29E	1026' FNL 417' FWL	389 BBL/D	645 MCF/D	1745 BBL/D
Peaky 9 8 State Com 21H	30-015-57603	D-10-17S-29E	1046' FNL 416' FWL	506 BBL/D	787 MCF/D	2785 BBL/D

IV. Central Delivery Point Name: PEAKY 9 8 STATE COM TANK 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
Peaky 9 8 State Com 20H		02/01/2026	04/01/2026	04/03/2026	04/15/2026	04/28/2026
Peaky 9 8 State Com 70H	30-15-57606	01/31/2026	03/08/2026	04/03/2026	04/15/2026	04/28/2026
Peaky 9 8 State Com 21H	30-015-57603	01/30/2026	03/21/2026	04/03/2026	04/15/2026	04/28/2026

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:	<i>Sarah Savino</i>
Printed Name:	SARAH SAVINO
Title:	REGULATORY DIRECTOR
E-mail Address:	SSAVINO@SPUREENERGY.COM
Date:	03/09/2026
Phone:	832-930-8613
OIL CONSERVATION DIVISION (Only applicable when submitted as a standalone form)	
Approved By:	
Title:	
Approval Date:	
Conditions of Approval:	

PECOS DISTRICT DRILLING CONDITIONS OF APPROVAL

OPERATOR'S NAME:	SPUR ENERGY PARTNERS LLC
WELL NAME & NO.:	PEAKY 9/8 STATE COM 20H
APD ID:	26SA10629
LOCATION:	Section 10, T.17 S., R.29 E. NMP.
COUNTY:	<div style="border: 1px solid black; padding: 2px;"> Eddy County, New Mexico ▼ </div>

Changes approved through engineering via Sundry 2898061 on 3/6/2026. The P&A sundry#2898136 has been received for the original well: PEAKY 9/8 STATE COM 20Y (APD ID: 10400106489).

COA

H ₂ S	<input type="radio"/> No		<input checked="" type="radio"/> Yes	
Potash / WIPP	<input checked="" type="radio"/> None	<input type="radio"/> Secretary	<input type="radio"/> R-111-Q	<input type="checkbox"/> Open Annulus <input type="checkbox"/> WIPP
Cave / Karst	<input type="radio"/> Low	<input type="radio"/> Medium	<input checked="" type="radio"/> High	<input type="radio"/> Critical
Wellhead	<input type="radio"/> Conventional	<input checked="" type="radio"/> Multibowl	<input type="radio"/> Both	<input type="radio"/> Diverter
Cementing	<input type="checkbox"/> Primary Squeeze	<input type="checkbox"/> Cont. Squeeze	<input type="checkbox"/> EchoMeter	<input type="checkbox"/> DV Tool
Special Req	<input type="checkbox"/> Capitan Reef	<input type="checkbox"/> Water Disposal	<input checked="" type="checkbox"/> COM	<input type="checkbox"/> Unit
Waste Prev.	<input type="radio"/> Self-Certification	<input checked="" type="radio"/> Waste Min. Plan	<input type="radio"/> APD Submitted prior to 06/10/2024	
Additional Language	<input checked="" type="checkbox"/> Flex Hose	<input type="checkbox"/> Casing Clearance	<input type="checkbox"/> Pilot Hole	<input checked="" type="checkbox"/> Break Testing
	<input type="checkbox"/> Four-String	<input type="checkbox"/> Offline Cementing	<input checked="" type="checkbox"/> Fluid-Filled	

SEE ORIGINAL COA FOR ALL OTHER REQUIREMENTS.

A. HYDROGEN SULFIDE

A Hydrogen Sulfide (H₂S) Drilling Plan shall be activated **AT SPUD**. As a result, the Hydrogen Sulfide area must meet **43 CFR 3176** requirements, which includes equipment and personnel/public protection items. If Hydrogen Sulfide is encountered, please provide measured values and formations to the BLM.

B. CASING DESIGN

1. The **13-3/8** inch surface casing shall be set at approximately **225 ft.** (a minimum of 70 feet into the Rustler Anhydrite, below usable water and above the salt) and cemented to the surface. **If salt is encountered, set casing at least 25 ft. above the salt.**
 - a. If cement does not circulate to the surface, the appropriate BLM office shall be notified and a temperature survey utilizing an electronic-type temperature survey with surface log readout will be used or a cement bond log shall be run

- to verify the top of the cement. Temperature survey will be run a minimum of six hours after pumping cement and ideally between 8-10 hours after completing the cement job.
- b. Wait on cement (WOC) time for a primary cement job will be a minimum of **8 hours** or **500 psi compressive strength**, whichever is greater. (This is to include the lead cement)
 - c. Wait on cement (WOC) time for a remedial job will be a minimum of 4 hours after bringing cement to surface or 500 psi compressive strength, whichever is greater.
 - d. If cement falls back, remedial cementing will be done prior to drilling out that string.
2. The **9-5/8 inch** intermediate casing shall be set in a competent bed at approximately **1,650 ft.** The minimum required fill of cement behind the **9-5/8 inch** intermediate casing is:
- **Cement to surface.** If cement does not circulate see B.1.a, c-d above. Wait on cement (WOC) time for a primary cement job is to include the lead cement slurry due to **Cave/Karst**.
 - ❖ In High Cave/Karst Areas if cement does not circulate to surface on the first two casing strings, the cement on the 3rd casing string must come to surface.
3. Operator has proposed to set **7 × 5-1/2 inch** tapered production casing at approximately **12,216 ft.** (4,100 ft. TVD). The minimum required fill of cement behind the tapered production casing is:
- Cement should tie-back **at least 200 feet** into previous casing string. Operator shall provide method of verification. Operator shall use one of the approved methods for cement verification located in the **General Requirements, Section A.1.**

C. PRESSURE CONTROL

1. Variance approved to use **flex line** from BOP to choke manifold. Manufacturer's specification to be readily available. No external damage to flex line. Flex line to be installed as straight as possible (no hard bends).
2. Operator has proposed a **multi-bowl wellhead** assembly. This assembly will only be tested when installed on the surface casing. Minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling below the surface casing shoe shall be **5000 (5M) psi**. The BOP/BOPE and annular preventer shall be pressure-tested in accordance with **title 43 CFR 3172**.
 - a. Wellhead shall be installed by manufacturer's representatives, submit documentation with subsequent sundry.

- b. If the welding is performed by a third party, the manufacturer's representative shall monitor the temperature to verify that it does not exceed the maximum temperature of the seal.
- c. Manufacturer representative shall install the test plug for the initial BOP test.
- d. If the cement does not circulate and one-inch operations would have been possible with a standard wellhead, the well head shall be cut off, cementing operations performed and another wellhead installed.
- e. Whenever any seal subject to test pressure is broken, all the tests in the **title 43 CFR 3172.6(b)(9)** must be followed.

BOPE Break Testing Variance

- Break testing has been approved for this well ONLY on those intervals utilizing a 5M BOPE or less. **(Annular preventer must be tested to a minimum of 70% of BOPE working pressure and shall be higher than the MASP)**
- BOPE Break Testing is NOT permitted to drilling the production hole section.
- Variance only pertains to the intermediate hole-sections and no deeper than the Bone Springs formation.
- While in transfer between wells, the BOPE shall be secured by the hydraulic carrier or cradle.
- Any well control event while drilling require notification to the BLM Petroleum Engineer **(575-706-2779)** prior to the commencement of any BOPE Break Testing operations.
- A full BOPE test is required prior to drilling the first deep intermediate hole section. If any subsequent hole interval is deeper than the first, a full BOPE test will be required. (200' TVD tolerance between intermediate shoes is allowable).
- The BLM is to be contacted (575-689-5981 Lea County) 4 hours prior to BOPE tests.
- As a minimum, a full BOPE test shall be performed at 21-day intervals.
- In the event any repairs or replacement of the BOPE is required, the BOPE shall test as per title 43 CFR 3172.
- If in the event break testing is not utilized, then a full BOPE test would be conducted.

D. SPECIAL REQUIREMENT (S)

Communitization Agreement

- The operator will submit a Communitization Agreement to the Santa Fe Office, 301 Dinosaur Trail Santa Fe, New Mexico 87508, at least 90 days before the anticipated date of first production from a well subject to a spacing order issued by the New Mexico Oil Conservation Division. The Communitization Agreement will include the signatures of all working interest owners in all Federal and Indian leases subject to the Communitization Agreement (i.e., operating rights owners and lessees of record), or certification that the operator has obtained the written signatures of all such owners and will make those signatures available to the BLM immediately upon request.

- If the operator does not comply with this condition of approval, the BLM may take enforcement actions that include, but are not limited to, those specified in 43 CFR 3163.1.
- In addition, the well sign shall include the surface and bottom hole lease numbers. When the Communitization Agreement number is known, it shall also be on the sign.

GENERAL REQUIREMENTS

The BLM is to be notified in advance for a representative to witness:

- a. Spudding well (minimum of 24 hours)
- b. Setting and/or Cementing of all casing strings (minimum of 4 hours)
- c. BOPE tests (minimum of 4 hours)

Contact Eddy County Petroleum Engineering Inspection Staff:

Email or call the Carlsbad Field Office, 520 East Greene St., Carlsbad, NM 88220; BLM_NM_CFO_DrillingNotifications@BLM.GOV; (575) 361-2822.

1. Unless the production casing has been run and cemented or the well has been properly plugged, the drilling rig shall not be removed from over the hole without prior approval.
 - a. In the event the operator has proposed to drill multiple wells utilizing a skid/walking rig. Operator shall secure the wellbore on the current well, after installing and testing the wellhead, by installing a blind flange of like pressure rating to the wellhead and a pressure gauge that can be monitored while drilling is performed on the other well(s).
 - b. When the operator proposes to set surface casing with Spudder Rig
 - i. Notify the BLM when moving in and removing the Spudder Rig.
 - ii. Notify the BLM when moving in the 2nd Rig. Rig to be moved in within 90 days of notification that Spudder Rig has left the location.
 - iii. BOP/BOPE test to be conducted per **43 CFR 3172** as soon as 2nd Rig is rigged up on well.
2. Floor controls are required for 3M or Greater systems. These controls will be on the rig floor, unobstructed, readily accessible to the driller and will be operational at all times during drilling and/or completion activities. Rig floor is defined as the area immediately around the rotary table; the area immediately above the substructure on which the draw works are located, this does not include the doghouse or stairway area.
3. For intervals in which cement to surface is required, cement to surface should be verified with a visual check and density or pH check to differentiate cement from spacer and drilling mud. The results should be documented in the driller's log and daily reports.

A. CASING & CEMENTING

1. The current acceptable methods of cement verification are as follows:
 - i. Observing cement circulated to surface,
 - ii. Cement Bond Log (CBL),
 - iii. Temperature log within 8-10 hours after completing the cement job,
 - iv. Echometer (if a second-stage bradenhead is being utilized and operator was granted approval prior to operations.)
2. Changes to the approved APD casing program need prior approval if the items substituted are of lesser grade or different casing size or are Non-API. The Operator can exchange the components of the proposal with that of superior strength (i.e. changing from J-55 to N-80, or from 36# to 40#). Changes to the approved cement program need prior approval if the altered cement plan has less volume or strength or if the changes are substantial (i.e. Multistage tool, ECP, etc.). The initial wellhead installed on the well will remain on the well with spools used as needed.
3. Wait on cement (WOC) for Potash Areas: After cementing but before commencing any tests, the casing string shall stand cemented under pressure until both of the following conditions have been met: 1) cement reaches a minimum compressive strength of 500 psi for all cement blends of both lead and tail cement, 2) until cement has been in place at least 8 hours. WOC time will be recorded in the driller's log. The casing integrity test can be done (prior to the cement setting up) immediately after bumping the plug.
4. Wait on cement (WOC) for Water Basin: After cementing but before commencing any tests, the casing string shall stand cemented under pressure until both of the following conditions have been met: 1) cement reaches a minimum compressive strength of 500 psi at the shoe, 2) until cement has been in place at least 8 hours. WOC time will be recorded in the driller's log. See individual casing strings for details regarding lead cement slurry requirements. The casing integrity test can be done (prior to the cement setting up) immediately after bumping the plug.
5. Provide compressive strengths including hours to reach required 500 pounds compressive strength prior to cementing each casing string. Have well specific cement details onsite prior to pumping the cement for each casing string.
6. No pea gravel permitted for remedial or fall back remedial without prior authorization from the BLM engineer.
7. On that portion of any well approved for a 5M BOPE system or greater, a pressure integrity test of each casing shoe shall be performed. Formation at the shoe shall be tested to a minimum of the mud weight equivalent anticipated to

control the formation pressure to the next casing depth or at total depth of the well. This test shall be performed before drilling more than 20 feet of new hole.

8. If hardband drill pipe is rotated inside casing, returns will be monitored for metal. If metal is found in samples, drill pipe will be pulled and rubber protectors which have a larger diameter than the tool joints of the drill pipe will be installed prior to continuing drilling operations.
9. Whenever a casing string is cemented in the R-111-Q potash area, the NMOCD requirements shall be followed.

B. PRESSURE CONTROL

1. All blowout preventer (BOP) and related equipment (BOPE) shall comply with well control requirements as described in **43 CFR 3172**.
2. If a variance is approved for a flexible hose to be installed from the BOP to the choke manifold, the following requirements apply: The flex line must meet the requirements of API 16C. Check condition of flexible line from BOP to choke manifold, replace if exterior is damaged or if line fails test. Line to be as straight as possible with no hard bends and is to be anchored according to Manufacturer's requirements. The flexible hose can be exchanged with a hose of equal size and equal or greater pressure rating. Anchor requirements, specification sheet and hydrostatic pressure test certification matching the hose in service, to be onsite for review. These documents shall be posted in the company man's trailer and on the rig floor.
3. 5M or higher system requires an HCR valve, remote kill line and annular to match. The remote kill line is to be installed prior to testing the system and tested to stack pressure.
4. If the operator has proposed a multi-bowl wellhead assembly in the APD. The following requirements must be met:
 - i. Wellhead shall be installed by manufacturer's representatives, submit documentation with subsequent sundry.
 - ii. If the welding is performed by a third party, the manufacturer's representative shall monitor the temperature to verify that it does not exceed the maximum temperature of the seal.
 - iii. Manufacturer representative shall install the test plug for the initial BOP test.
 - iv. Whenever any seal subject to test pressure is broken, all the tests in 43 CFR 3172.6(b)(9) must be followed.
 - v. If the cement does not circulate and one-inch operations would have been possible with a standard wellhead, the well head shall be cut off, cementing operations performed and another wellhead installed.
5. The appropriate BLM office shall be notified a minimum of 4 hours in advance for a representative to witness the tests.

- i. In a water basin, for all casing strings utilizing slips, these are to be set as soon as the crew and rig are ready and any fallback cement remediation has been done. The casing cut-off and BOP installation can be initiated four hours after installing the slips, which will be approximately six hours after bumping the plug. For those casing strings not using slips, the minimum wait time before cut-off is eight hours after bumping the plug. BOP/BOPE testing can begin after cut-off or once cement reaches 500 psi compressive strength (including lead cement), whichever is greater. However, if the float does not hold, cut-off cannot be initiated until cement reaches 500 psi compressive strength (including lead when specified).
- ii. In potash areas, for all casing strings utilizing slips, these are to be set as soon as the crew and rig are ready and any fallback cement remediation has been done. For all casing strings, casing cut-off and BOP installation can be initiated at twelve hours after bumping the cement plug. The BOPE test can be initiated after bumping the cement plug with the casing valve open. (Only applies to single stage cement jobs, prior to the cement setting up.)
- iii. The tests shall be done by an independent service company utilizing a test plug not a cup or J-packer and can be initiated immediately with the casing valve open. The operator also has the option of utilizing an independent tester to test without a plug (i.e. against the casing) pursuant to **43 CFR 3172** with the pressure not to exceed 70% of the burst rating for the casing. Any test against the casing must meet the WOC time for 8 hours or 500 pounds compressive strength, whichever is greater, prior to initiating the test (see casing segment as lead cement may be critical item).
- iv. The test shall be run on a 5000-psi chart for a 2-3M BOP/BOP, on a 10000 psi chart for a 5M BOP/BOPE and on a 15000 psi chart for a 10M BOP/BOPE. If a linear chart is used, it shall be a one-hour chart. A circular chart shall have a maximum 2-hour clock. If a twelve hour or twenty-four-hour chart is used, tester shall make a notation that it is run with a two hour clock.
- v. The results of the test shall be reported to the appropriate BLM office.
- vi. All tests are required to be recorded on a calibrated test chart. A copy of the BOP/BOPE test chart and a copy of independent service company test will be submitted to the appropriate BLM office.
- vii. The BOP/BOPE test shall include a low-pressure test from 250 to 300 psi. The test will be held for a minimum of 10 minutes if test is done with a test plug and 30 minutes without a test plug. This test shall be performed prior to the test at full stack pressure.
- viii. BOP/BOPE must be tested by an independent service company within 500 feet of the top of the Wolfcamp formation if the time between the setting of

the intermediate casing and reaching this depth exceeds 20 days. This test does not exclude the test prior to drilling out the casing shoe as per **43 CFR 3172**.

C. DRILLING MUD

Mud system monitoring equipment, with derrick floor indicators and visual and audio alarms, shall be operating before drilling into the Wolfcamp formation, and shall be used until production casing is run and cemented.

D. WASTE MATERIAL AND FLUIDS

All waste (i.e. drilling fluids, trash, salts, chemicals, sewage, gray water, etc.) created as a result of drilling operations and completion operations shall be safely contained and disposed of properly at a waste disposal facility. No waste material or fluid shall be disposed of on the well location or surrounding area. Porto-johns and trash containers will be on-location during fracturing operations or any other crew-intensive operations.

SA 03/06/2026

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

Action 561146

CONDITIONS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 561146
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
matthew.gomez	Original wellbore must be plugged in accordance with OCD regulations.	3/13/2026
matthew.gomez	Well has been skid. Previous API # 30-015-57602. Skid API # 30-015-57950.	3/13/2026