

Form 3160-5
(June 2019)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2021

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.

5. Lease Serial No.

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

7. If Unit of CA/Agreement, Name and/or No.

1. Type of Well

Oil Well Gas Well Other

8. Well Name and No.

2. Name of Operator

9. API Well No.

3a. Address

3b. Phone No. (include area code)

10. Field and Pool or Exploratory Area

4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)

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 recomplate 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 perfonned 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 detennined 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

Location of Well

0. SHL: SWSW / 1140 FSL / 1180 FWL / TWSP: 23S / RANGE: 28E / SECTION: 4 / LAT: 32.3302712 / LONG: -104.0971364 (TVD: 0 feet, MD: 0 feet)

PPP: SWNW / 2640 FSL / 1035 FWL / TWSP: 23S / RANGE: 28E / SECTION: 4 / LAT: 32.3346329 / LONG: -104.097139 (TVD: 9340 feet, MD: 11869 feet)

PPP: SWSW / 136 FSL / 1163 FWL / TWSP: 23S / RANGE: 28E / SECTION: 4 / LAT: 32.3275222 / LONG: -104.0971914 (TVD: 9017 feet, MD: 9124 feet)

BHL: LOT 4 / 10 FNL / 1122 FWL / TWSP: 23S / RANGE: 28E / SECTION: 4 / LAT: 32.3418966 / LONG: -104.0968359 (TVD: 9340 feet, MD: 14499 feet)

Novo Oil & Gas, LLC



CAPITAL WORKOVER PROCEDURE

AFE NUMBER: 400012

Responsibility: Paul Jobe – Senior Operations Engineer
Brad Walls – Production Superintendent

Procedure Date: March 4, 2022

GOONCH FED COM 04 132H
API #: 30-015-46517
WOLFCAMP XY INTERVAL
1080' FSL & 1135' FWL
T23S, R28E, SEC 04
GPS Coordinates: 32.3301063, -104.0972891
Eddy County, NM

GOONCH FED COM 04 132H CAPITAL WORKOVER

Novo Oil & Gas, LLC

GOONCH FED COM 04 132H Workover Procedure

Casing: 5-1/2" 20# P110 set @ 14,310 ft
Liner: None
Tubing: None
Elevation: 3,015 ft

Pre-Job safety meeting

Before any work is performed there will be a tailgate safety meeting held to discuss the job details, hazards and inspection of equipment. Make sure all safety equipment in proper place: chock blocks, grounding cables, and fire extinguishers.

- Fall protection is required when working at heights. A man lift will be used when deemed appropriate by Novo company representative. Fall protection is required at all times while working from a man lift.
 - Well and tubing string information will be given by the Novo company representative.
 - Understanding of max pull capabilities of workover rig, and weight of tubing in well, as well as weight of work string.
 - Proper PPE required to perform work
 - Designated smoking area
 - Emergency evacuation procedure and designated muster areas
 - Job procedures and designated duties and responsibilities
 - Contingency plans specific to each vendor involved in operations
-

1. MIRU **Hurricane** workover rig.
2. MIRU auxiliary equipment.
3. Install back-pressure valve, remove tree, install and test BOPs.
4. Remove back-pressure valve.
5. RIH with slickline and gauge ring & junk basket to **9,560 ft** to verify casing is clear and ready to receive tubing, gas-lift system and packer.
6. Pick up and run in hole with production tubing and WFT Gas Lift System as described below and in Appendix, but **as per on location calculations for depths based on actual tubing lengths:**
 - 43 joints 2-7/8", 6.5 #/ft L80 tubing
 - 1 GLV-14 (~1401 ft MD)
 - 18 joints 2-7/8", 6.5 #/ft L80 tubing
 - 1 GLV-13 (~2004 ft MD)
 - 19 joints 2-7/8", 6.5 #/ft L80 tubing
 - 1 GLV-12 (~2624 ft MD)
 - 19 joints 2-7/8", 6.5 #/ft L80 tubing
 - 1 GLV-11 (~3245 ft MD)

GOONCH FED COM 04 132H CAPITAL WORKOVER

Novo Oil & Gas, LLC

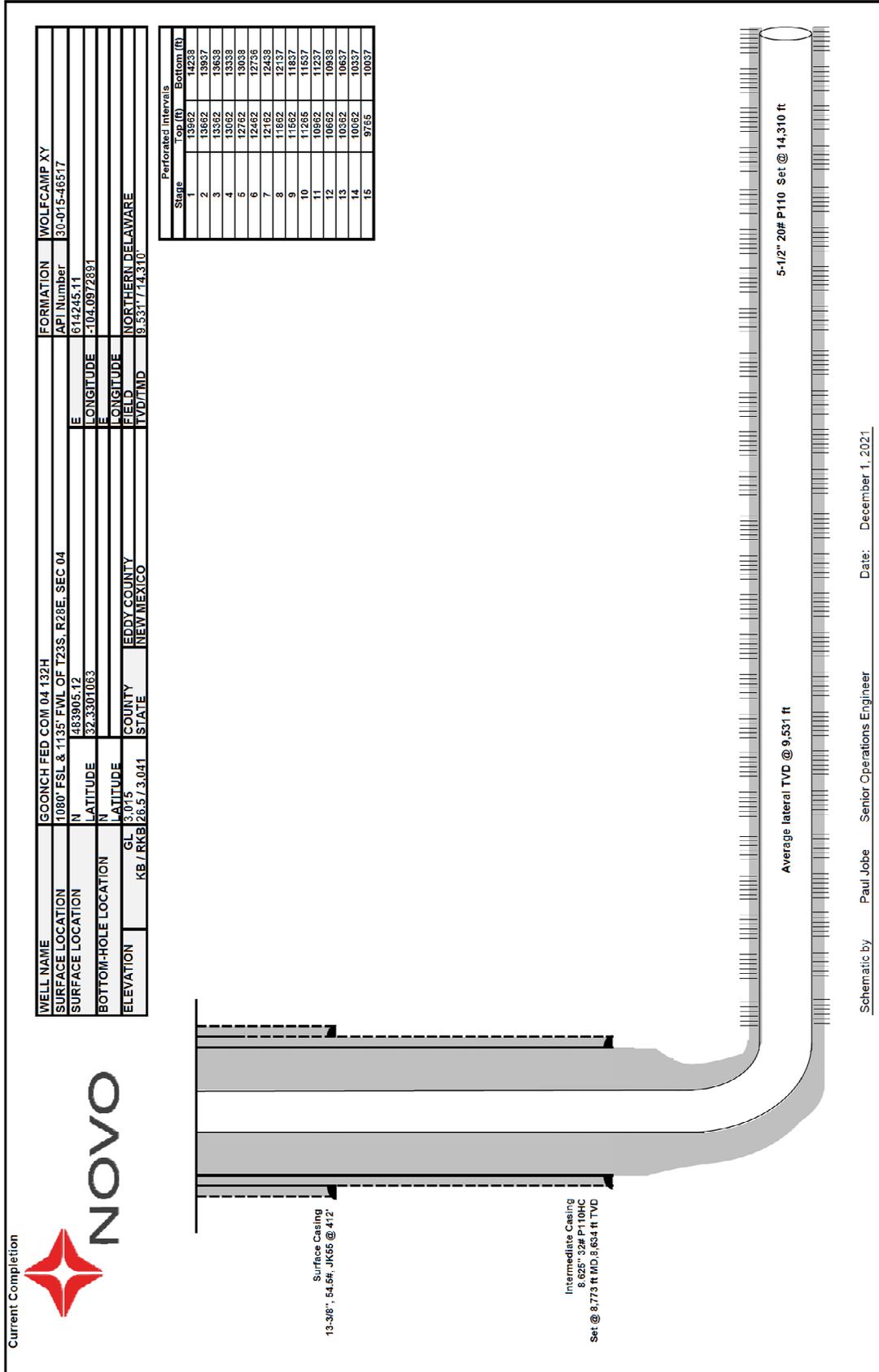
- 19 joints 2-7/8", 6.5 #/ft L80 tubing
- 1 GLV-10 (~3865 ft MD)
- 19 joints 2-7/8", 6.5 #/ft L80 tubing
- 1 GLV-9 (~4484 ft MD)
- 19 joints 2-7/8", 6.5 #/ft L80 tubing
- 1 GLV-8 (~5101 ft MD)
- 19 joints 2-7/8", 6.5 #/ft L80 tubing
- 1 GLV-7 (~5719 ft MD)
- 19 joints 2-7/8", 6.5 #/ft L80 tubing
- 1 GLV-6 (~6334 ft MD)
- 18 joints 2-7/8", 6.5 #/ft L80 tubing
- 1 GLV-5 (~6937 ft MD)
- 19 joints 2-7/8", 6.5 #/ft L80 tubing
- 1 GLV-4 (~7538 ft MD)
- 18 joints 2-7/8", 6.5 #/ft L80 tubing
- 1 GLV-3 (~8139 ft MD)
- 18 joints 2-7/8", 6.5 #/ft L80 tubing
- 1 GLV-2 (~8739 ft MD)
- 19 joints 2-7/8", 6.5 #/ft L80 tubing
- 1 GLV (OV)-1 (~9355 ft MD)
- 2 joints 2-7/8", 6.5 #/ft L80 tubing
- 1 On/Off Tool 5.5" x 2-7/8"
- 1 X-Nipple 3.66" OD, 2.31" ID x profile x 2-7/8" (0.81 ft)
- 1 Packer 5.5" AS1-X x 2-7/8" (6 ft)
- 1 joint 2-7/8", 6.5 #/ft L80 tubing (~32.5 ft)
- 1 XN-Nipple 3.66" OD, 2.2" ID x profile x 2-7/8" (0.82 ft)
- 1 pump out sub/Wireline re-entry guide 3.67" OD, 2.8" ID, (0.46 ft)

7. Set packer at ~9,426 ft. EOT at ~9,459 ft

8. Land tubing in tubing head, install back-pressure valve in tubing, remove BOP, and reinstall wellhead.
9. Remove back-pressure valve.
10. Rig up pump truck and pump out plug making tubing live
11. Rig down and move off workover rig and auxiliary equipment.
12. Finalize surface connections.
13. Return well to production.
14. Initiate gas-lift injection.

GOONCH FED COM 04 132H CAPITAL WORKOVER

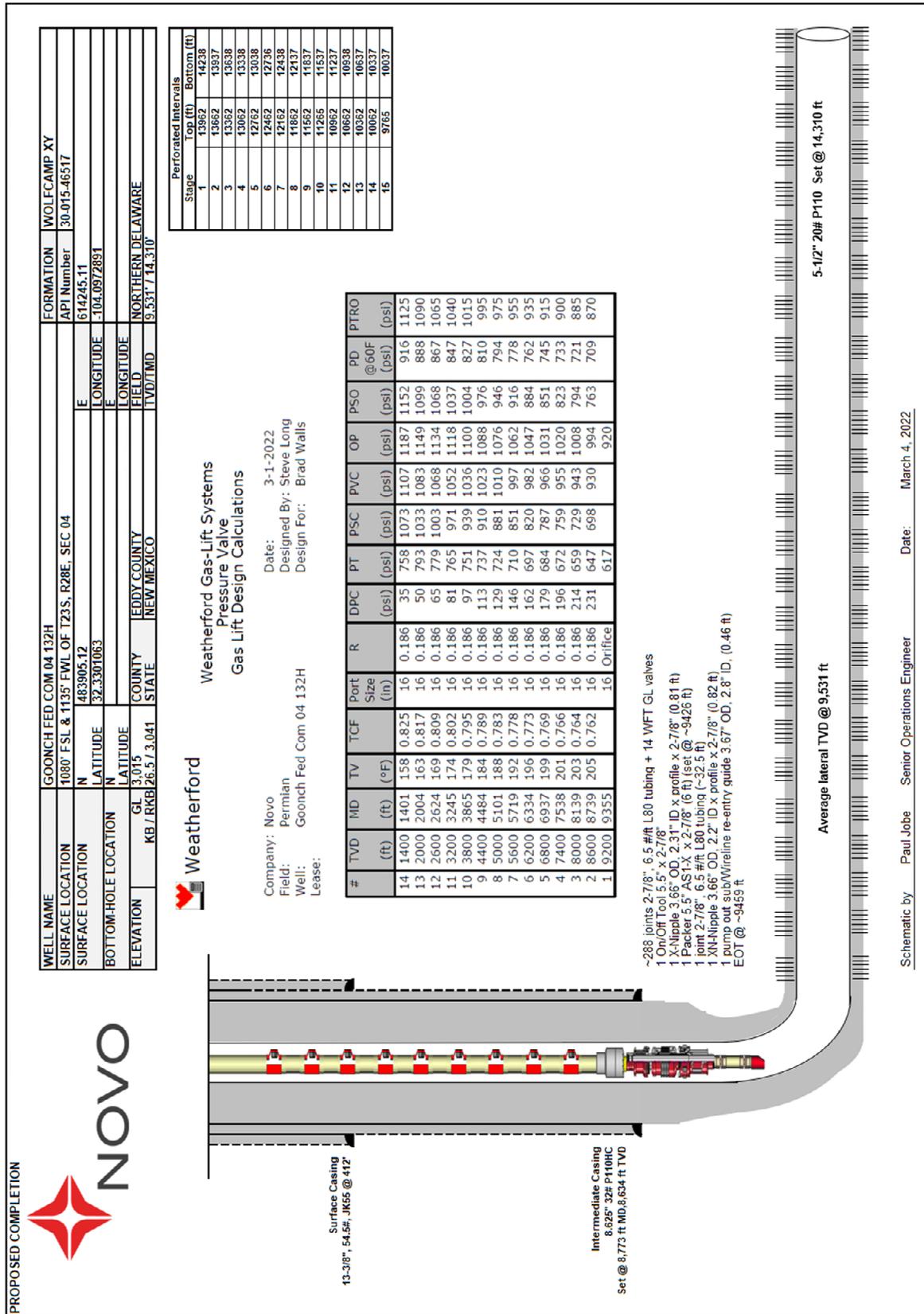
Current Well Schematic:



Schematic by: Paul Jobe Senior Operations Engineer Date: December 1, 2021

GOONCH FED COM 04 132H CAPITAL WORKOVER

Proposed Post-Workover Well Schematic:



**APPENDIX
WFT Gas-Lift Design**



Weatherford

Weatherford Gas-Lift Systems

Company:	Novo	Date:	3-1-2022
Field:	Permian	Designed By:	Steve Long
Well:	Goonch Fed Com 04 132H	Design For:	Brad Walls
Lease:			

Design Parameters

Injection Gas

Kickoff Pressure:	1150.0	psi
Operating Pressure:	1100.0	psi
Gas Gravity:	0.75	
Gas Injection Rate:	800.0	mscf/day

Tubing/Casing

Tubing O.D.:	2.875	in
Tubing I.D.:	2.441	in
Threads:	EUE 8rd	
Tubing Depth:	9425	ft
Casing I.D.:	4.778	in

Well (TVD/MD)

Packer Depth:	9256/9425	ft
MID Perforations:	9531/12850	ft
Well Depth:	0/0	ft
Surface Flowing Temp:	143.0	°F
Bottomhole Temperature:	205.0	°F

Flowing Conditions

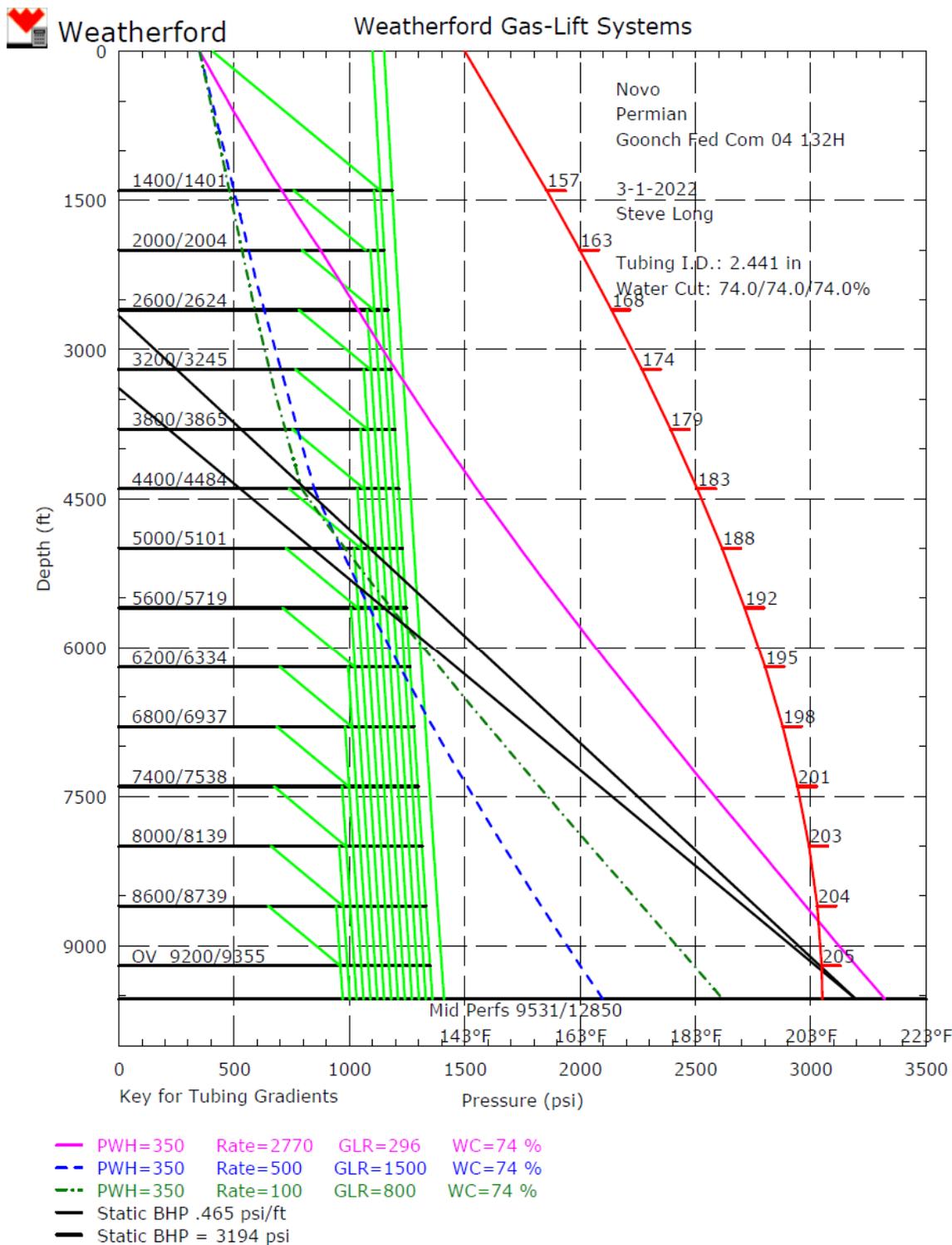
Flow Type:	Tubing	
Tubing Back Pressure:	350.0	psi
Bottomhole Pressure:	3194.0	psi
Oil Gravity:	35.0	deg API
Water Gravity:	1.07	
Water Cut (%):	74.0/74.0/74.0	
PI:	0.00	blpd/psi
Total GLR:	296.0	SCF/STB
GLR Below Pt. of Inj.:	496.0	SCF/STB
Total Fluid Production:	2770.0	bbbl/day

Static Conditions

Kill Fluid Gradient:	0.520	psi/ft
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Correlations

Injection Gas Gradient:	Standing & Katz
Multiphase Flow:	Hagedorn & Brown
Temperature of Valves:	Modified Shui
Kill Fluid Gradient:	Sage and Lacey

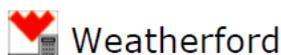


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GOONCH FED COM 04 132H CAPITAL WORKOVER

Novo Oil & Gas, LLC



Weatherford Gas-Lift Systems
 Pressure Valve
 Gas Lift Design Calculations

Company: Novo
 Field: Permian
 Well: Goonch Fed Com 04 132H
 Lease:

Date: 3-1-2022
 Designed By: Steve Long
 Design For: Brad Walls

#	TVD (ft)	MD (ft)	TV (°F)	TCF	Port Size (in)	R	DPC (psi)	PT (psi)	PSC (psi)	PVC (psi)	OP (psi)	PSO (psi)	PD @60F (psi)	PTRO (psi)
14	1400	1401	158	0.825	16	0.186	35	758	1073	1107	1187	1152	916	1125
13	2000	2004	163	0.817	16	0.186	50	793	1033	1083	1149	1099	888	1090
12	2600	2624	169	0.809	16	0.186	65	779	1003	1068	1134	1068	867	1065
11	3200	3245	174	0.802	16	0.186	81	765	971	1052	1118	1037	847	1040
10	3800	3865	179	0.795	16	0.186	97	751	939	1036	1100	1004	827	1015
9	4400	4484	184	0.789	16	0.186	113	737	910	1023	1088	976	810	995
8	5000	5101	188	0.783	16	0.186	129	724	881	1010	1076	946	794	975
7	5600	5719	192	0.778	16	0.186	146	710	851	997	1062	916	778	955
6	6200	6334	196	0.773	16	0.186	162	697	820	982	1047	884	762	935
5	6800	6937	199	0.769	16	0.186	179	684	787	966	1031	851	745	915
4	7400	7538	201	0.766	16	0.186	196	672	759	955	1020	823	733	900
3	8000	8139	203	0.764	16	0.186	214	659	729	943	1008	794	721	885
2	8600	8739	205	0.762	16	0.186	231	647	698	930	994	763	709	870
1	9200	9355			16	Orifice		617			920			

TV : Temperature of Valve
 TCF : Temperature correction Factor
 R : Ap/Ab
 DPC : Casing Press. at Depth - Casing Press. at Surface
 PT : Tubing Pressure
 PSC : Closing Pressure at Surface
 PVC : Closing Pressure at Depth [PVC = PSC + DPC]
 OP : Opening Pressure at Depth [OP = (PVC - PTR) / (1 - R)]
 PSO : Surface Opening Pressure [PSO = OP - DPC]
 PD AT F : Bellows Pressure at Base Temperature [PD AT F = TCF X PVC]
 PTRO : Test Rack Opening Pressure [PTRO = (PD AT F) / (1 - R)]

Shipping Date:
 Ship Via:
 Shipping Ticket:

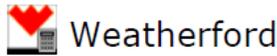
Setup By:
 Final Test By:

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GOONCH FED COM 04 132H CAPITAL WORKOVER

Novo Oil & Gas, LLC



Weatherford Gas-Lift Systems
Shop Order

Company: Novo
Field: Permian
Well: Goonch Fed Com 04 132H
Lease:

Date: 3-2-2022
Ordered By: Steve Long
District: Odessa
Rig Name:

Valves			
Qty	New	Rec.	Exc.
14	14	0	0

Checks			
Qty	New	Rec.	Exc.
14	14	0	0

Latches			
Qty	New	Rec.	Exc.
0	0	0	0

Valve #	Valve Type	Test Rack psi	Port Size (in)	TVD ft	MD ft	Special Instructions
14	C-1 TC	1125	16	1400	1401	
13	C-1 TC	1090	16	2000	2004	None
12	C-1 TC	1065	16	2600	2624	None
11	C-1 TC	1040	16	3200	3245	None
10	C-1 TC	1015	16	3800	3865	None
9	C-1 TC	995	16	4400	4484	None
8	C-1 TC	975	16	5000	5101	None
7	C-1 TC	955	16	5600	5719	None
6	C-1 TC	935	16	6200	6334	None
5	C-1 TC	915	16	6800	6937	None
4	C-1 TC	900	16	7400	7538	None
3	C-1 TC	885	16	8000	8139	None
2	C-1 TC	870	16	8600	8739	None
1	Orifice		16	9200	9355	None

Mandrel Specification

Qty	Type & Size	Thread	Grade	New/Rec	Coating
14	2.875 6.5ppf L-80 CM-1	EUE 8rd	L-80	New	yes - EP2

Shipping Date:
Ship Via:
Shipping Ticket:

Setup By:
Final Test By:

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GOONCH FED COM 04 132H CAPITAL WORKOVER

Novo Oil & Gas, LLC

Gas-Lift Design Guide Sheet**Goonch Fed Com 04 132H**

Item	Description	Length each (ft)	Length (ft)	MD (ft)
43	joints 2-7/8", 6.5 #/ft L80 tubing	32.5	1397.5	1397.5
1	GLV-14	4.1	4.1	1401.6
18	joints 2-7/8", 6.5 #/ft L80 tubing	32.5	585	1986.6
1	GLV-13	4.1	4.1	1990.7
19	joints 2-7/8", 6.5 #/ft L80 tubing	32.5	617.5	2608.2
1	GLV-12	4.1	4.1	2612.3
19	joints 2-7/8", 6.5 #/ft L80 tubing	32.5	617.5	3229.8
1	GLV-11	4.1	4.1	3233.9
19	joints 2-7/8", 6.5 #/ft L80 tubing	32.5	617.5	3851.4
1	GLV-10	4.1	4.1	3855.5
19	joints 2-7/8", 6.5 #/ft L80 tubing	32.5	617.5	4473
1	GLV-9	4.1	4.1	4477.1
19	joints 2-7/8", 6.5 #/ft L80 tubing	32.5	617.5	5094.6
1	GLV-8	4.1	4.1	5098.7
19	joints 2-7/8", 6.5 #/ft L80 tubing	32.5	617.5	5716.2
1	GLV-7	4.1	4.1	5720.3
19	joints 2-7/8", 6.5 #/ft L80 tubing	32.5	617.5	6337.8
1	GLV-6	4.1	4.1	6341.9
18	joints 2-7/8", 6.5 #/ft L80 tubing	32.5	585	6926.9
1	GLV-5	4.1	4.1	6931
19	joints 2-7/8", 6.5 #/ft L80 tubing	32.5	617.5	7548.5
1	GLV-4	4.1	4.1	7552.6
18	joints 2-7/8", 6.5 #/ft L80 tubing	32.5	585	8137.6
1	GLV-3	4.1	4.1	8141.7
18	joints 2-7/8", 6.5 #/ft L80 tubing	32.5	585	8726.7
1	GLV-2	4.1	4.1	8730.8
19	joints 2-7/8", 6.5 #/ft L80 tubing	32.5	617.5	9348.3
1	GLV (OV)-1	4.1	4.1	9352.4
2	joints 2-7/8", 6.5 #/ft L80 tubing	32.5	65	9417.4
1	On/Off Tool 4.5" x 2 3/8"	2	2	9419.4
1	X-Nipple 1.87" x profile x 2-3/8"	0.42	0.42	9419.82
1	Packer 5.5" AS1-X x 2-7/8"	6	6	9425.82
1	joint 2-7/8", 6.5 #/ft L80 tubing	32.5	32.5	9458.32
1	Pump-out Plug/Wireline re-entry guide	0.42	0.42	9458.74

GOONCH FED COM 04 132H CAPITAL WORKOVER

Novo Oil & Gas, LLC

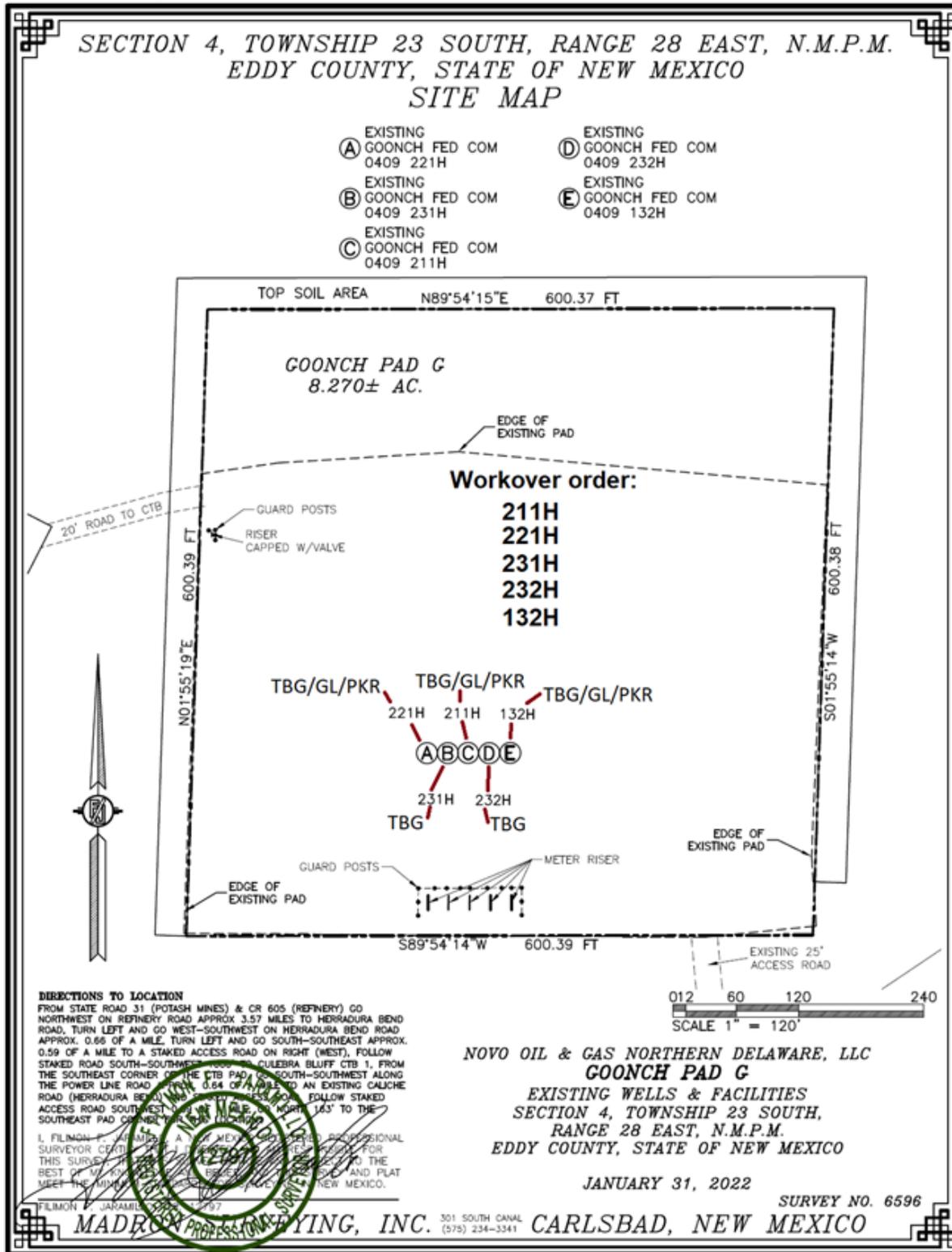
Cost Estimate

GOONCH FED COM 04 132H
March 4, 2022

Acct Code	Category	Description	Unit Cost	Unit	Total Cost
706	Workover Rig	COMPLETION/WORKOVER RIG	\$10,000	4	\$40,000
712	Tool & Equipment Rental	GAS BUSTER - WO FLOWBACK IRON	\$150.00	4	\$600
712	Tool & Equipment Rental	PORTABLES	\$150	4	\$600
712	Tool & Equipment Rental	TELEHANDLER	\$100	4	\$400
717	Trucking	TRUCKING	\$2,500	4	\$10,000
721	Cased hole wireline	CASED HOLE WL GR/JB COMBO	\$10,000	1	\$10,000
722	Downhole Tools & Service	5-1/2" PACKER	\$15,000	1	\$15,000
722	Downhole Tools & Service	GAS LIFT SYSTEM	\$15,000	1	\$15,000
726	Supervision	CONSULTING SERVICES/SUPERVISION	\$1,650	4	\$6,600
727	Contract Labor/Services	GAS LIFT SYSTEM HAND	\$1,250	4	\$5,000
727	Contract Labor/Services	PACKER HAND	\$1,250	4	\$5,000
727	Contract Labor/Services	PRESSURE PUMPING SERVICES	\$1,000.00	1	\$1,000
727	Contract Labor/Services	WELLHEAD	\$2,100.00	2	\$4,200
751	Vaccum truck	VACUUM TRUCK	\$1,000	4	\$4,000
752	Water	WATER	\$1.50	125	\$188
755	Production Tubing	PRODUCTION TUBING - 2-7/8"	\$7.93	9459	\$75,010
		NOTE: 2-7/8" PRODUCTION TUBING IS FROM JD RUSH			
					\$192,597
	Contingencies (Miscellaneous Code 747)			10%	\$19,260
	Workover Total				\$211,857

GOONCH FED COM 04 132H CAPITAL WORKOVER

Pad Layout



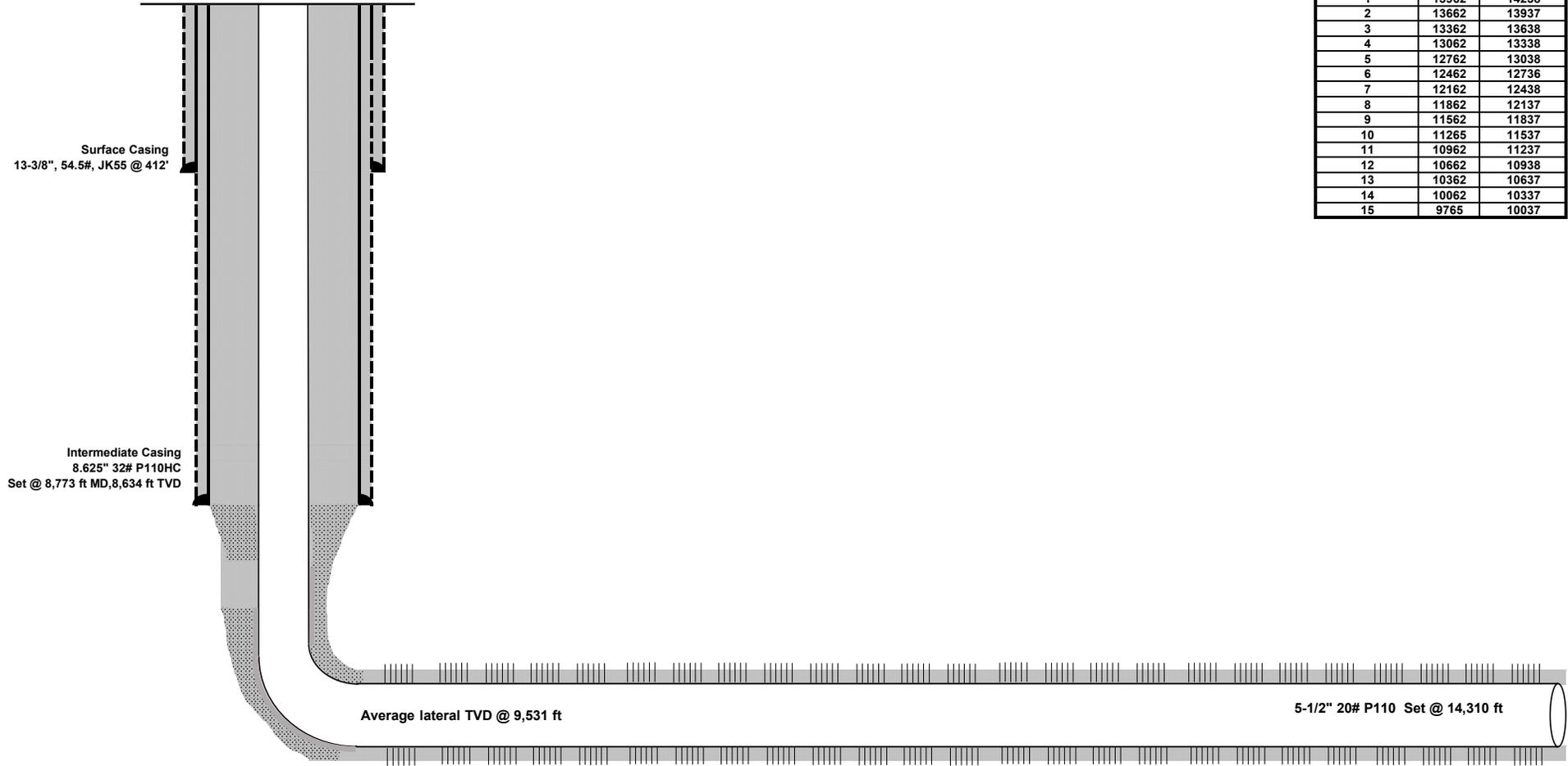
GOONCH FED COM 04 132H CAPITAL WORKOVER

Current Completion



WELL NAME		GOONCH FED COM 04 132H			FORMATION	WOLFCAMP XY
SURFACE LOCATION		1080' FSL & 1135' FWL OF T23S, R28E, SEC 04			API Number	30-015-46517
SURFACE LOCATION		N	483905.12	E	614245.11	
		LATITUDE	32.3301063	LONGITUDE	-104.0972891	
BOTTOM-HOLE LOCATION		N		E		
		LATITUDE		LONGITUDE		
ELEVATION	GL	3,015	COUNTY	EDDY COUNTY	FIELD	NORTHERN DELAWARE
	KB / RKB	26.5 / 3.041	STATE	NEW MEXICO	TVD/TMD	9,531' / 14,310'

Perforated Intervals		
Stage	Top (ft)	Bottom (ft)
1	13962	14238
2	13662	13937
3	13362	13638
4	13062	13338
5	12762	13038
6	12462	12736
7	12162	12438
8	11862	12137
9	11562	11837
10	11265	11537
11	10962	11237
12	10662	10938
13	10362	10637
14	10062	10337
15	9765	10037



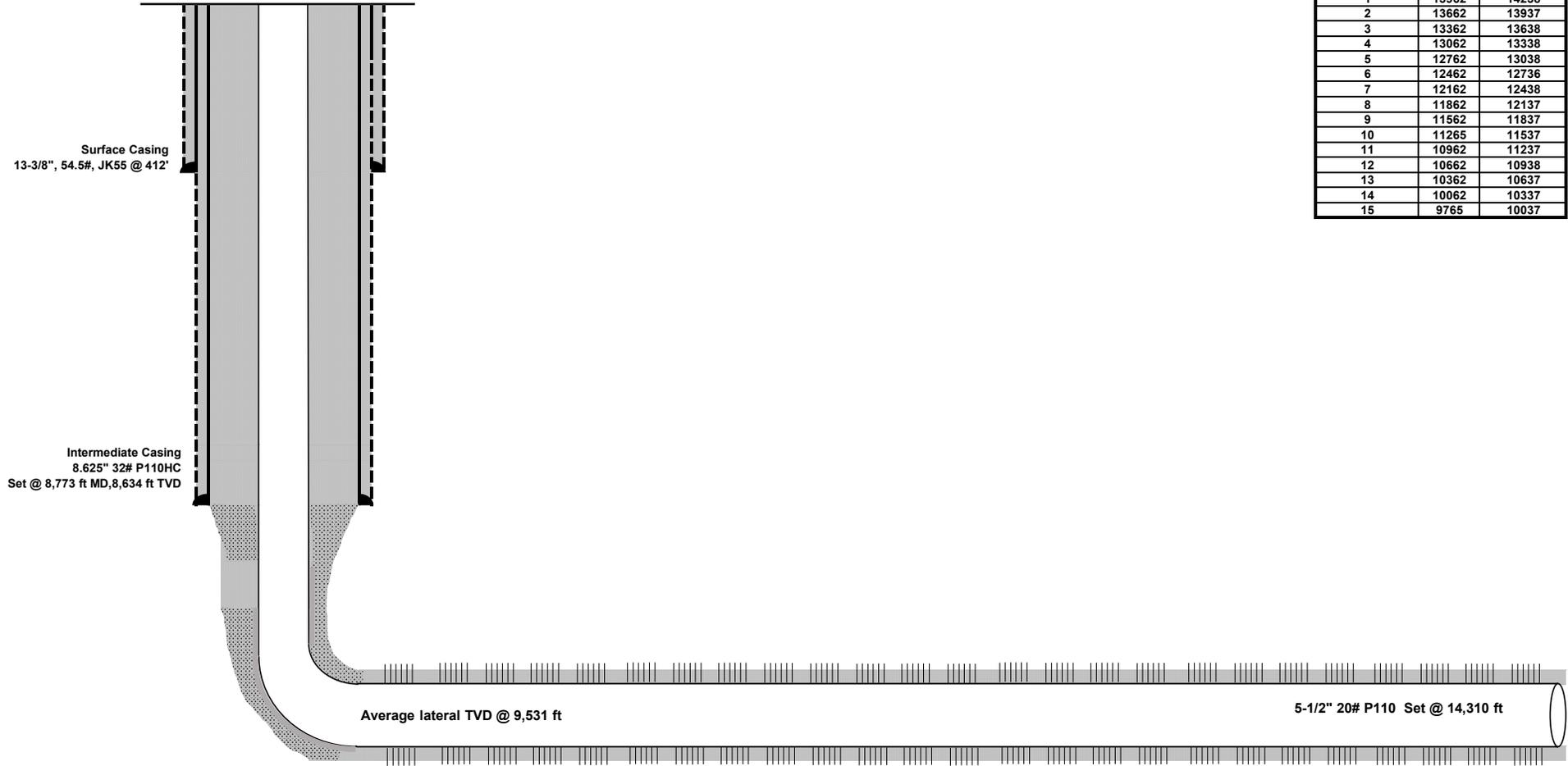
Schematic by Paul Jobe Senior Operations Engineer Date: December 1, 2021

Current Completion



WELL NAME		GOONCH FED COM 04 132H			FORMATION	WOLFCAMP XY
SURFACE LOCATION		1080' FSL & 1135' FWL OF T23S, R28E, SEC 04			API Number	30-015-46517
SURFACE LOCATION		N	483905.12	E	614245.11	
		LATITUDE	32.3301063	LONGITUDE	-104.0972891	
BOTTOM-HOLE LOCATION		N		E		
		LATITUDE		LONGITUDE		
ELEVATION	GL	3,015	COUNTY	EDDY COUNTY	FIELD	NORTHERN DELAWARE
	KB / RKB	26.5 / 3.041	STATE	NEW MEXICO	TVD/TMD	9,531' / 14,310'

Perforated Intervals		
Stage	Top (ft)	Bottom (ft)
1	13962	14238
2	13662	13937
3	13362	13638
4	13062	13338
5	12762	13038
6	12462	12736
7	12162	12438
8	11862	12137
9	11562	11837
10	11265	11537
11	10962	11237
12	10662	10938
13	10362	10637
14	10062	10337
15	9765	10037



Schematic by Paul Jobe Senior Operations Engineer Date: December 1, 2021

District I
 1625 N. French Dr., Hobbs, NM 88240
 Phone:(575) 393-6161 Fax:(575) 393-0720

District II
 811 S. First St., Artesia, NM 88210
 Phone:(575) 748-1283 Fax:(575) 748-9720

District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV
 1220 S. St Francis Dr., Santa Fe, NM 87505
 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 236026

CONDITIONS

Operator: NOVO OIL & GAS NORTHERN DELAWARE, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 372920
	Action Number: 236026
	Action Type: [C-103] NOI Workover (C-103G)

CONDITIONS

Created By	Condition	Condition Date
kfortner	Accepted for record only BLM approval required NMOCD 7/23/24 KF	7/23/2024