

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

Well Name: HOGBACK DEEP 12	Well Location: T29N / R16W / SEC 20 / NWSW / 36.7120547 / -108.5538924	County or Parish/State: SAN JUAN / NM
Well Number: 41	Type of Well: OTHER	Allottee or Tribe Name: NAVAJO NATION
Lease Number: I-89-IND-58	Unit or CA Name:	Unit or CA Number:
US Well Number: 3004538249	Well Status: Drilling Well	Operator: VISION ENERGY GROUP LLC

Notice of Intent

Sundry ID: 2654278

Type of Submission: Notice of Intent

Type of Action: Other

Date Sundry Submitted: 01/26/2022

Time Sundry Submitted: 04:53

Date proposed operation will begin: 01/29/2022

Procedure Description: Due to the lack of availability to previously approved materials, Vision is requesting a change to their casing program. The proposed materials are still well within the necessary safety standards. The rig is scheduled to mobilize on January 29th. Please see the attached description, diagrams, and spec sheets for more information on additional requests.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

Hogback_12_41_Sundry_Attachment_20220126164913.pdf

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Unit or CA Name:

Unit or CA Number:

US Well Number: 3004538249

Well Status: Drilling Well

Operator: VISION ENERGY GROUP LLC

Operator Certification

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 submission of Form 3160-5 or a Sundry Notice.

Operator Electronic Signature: BRIAN WOOD

Signed on: JAN 26, 2022 04:49 PM

Name: VISION ENERGY GROUP LLC

Title: President

Street Address: 37 VERANO LOOP

City: SANTA FE **State:** NM

Phone: (505) 466-8120

Email address: AFMSS@PERMITSWEST.COM

Field Representative

Representative Name:

Street Address:

City: **State:** **Zip:**

Phone:

Email address:

BLM Point of Contact

BLM POC Name: KENNETH G RENNICK

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5055647742

BLM POC Email Address: krennick@blm.gov

Disposition: Approved

Disposition Date: 02/08/2022

Signature: Kenneth Rennick

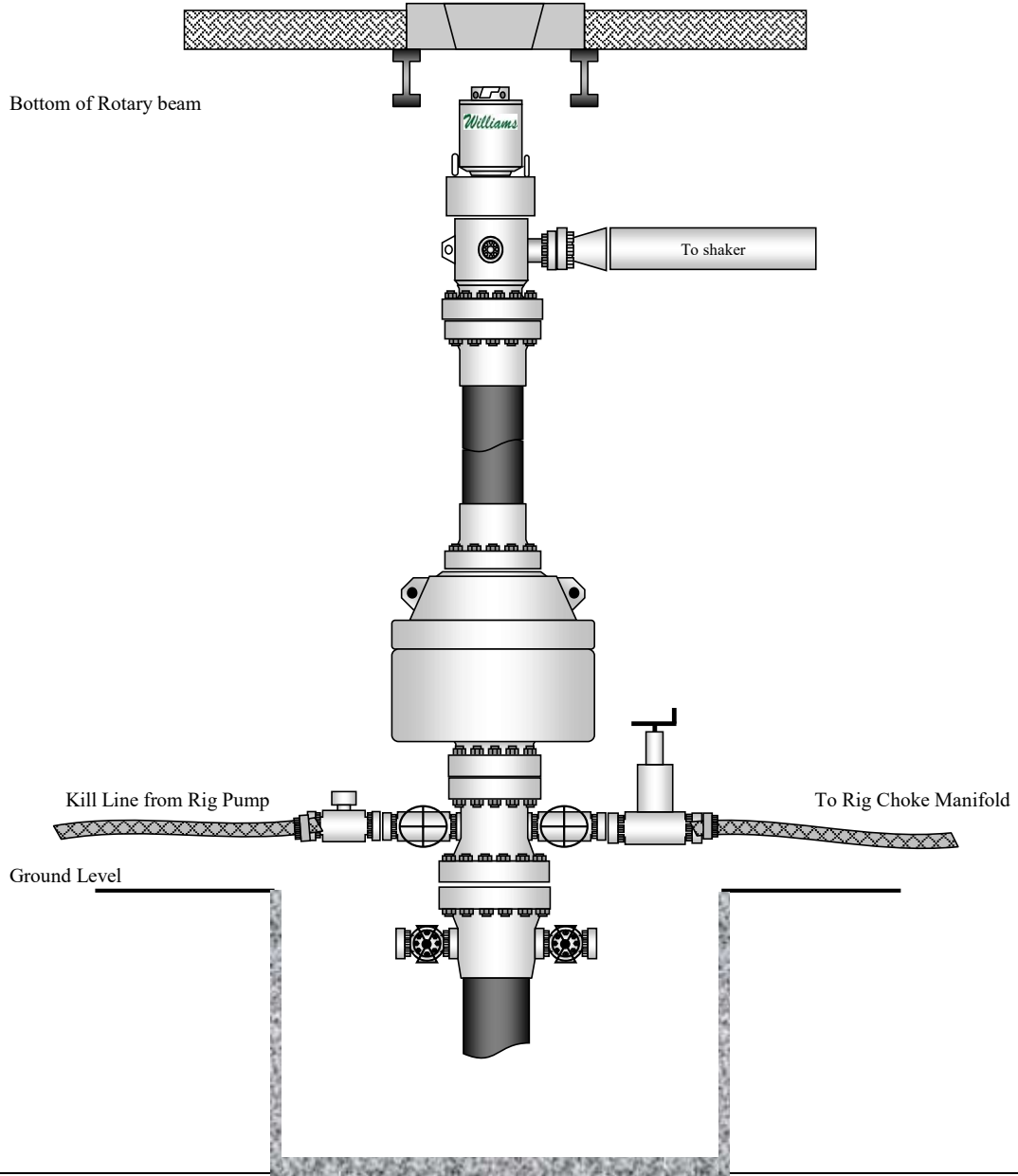
Vision respectfully requests the following changes to the Hogback Deep 12-41 drilling program:

- Change the RAM BOP to a 13-5/8" x 5000 psi annular preventer with the annular to be used as a diverter. A rotating head will also be used.
- The choke manifold 5000 psi will be connected to a gas buster in the event a water flow is encountered. The change is to provide more efficiency in installation on Rig 1099 and the fact that we can only divert at the surface.
- Vision proposes to test the annular, BOPE, choke line and manifold to 100 psi.
- Vision plans to use 11 ppg mud to control artesian water flows at 1500' – 1600'
- Vision proposes to use armored flex hoses for the choke lines.
- The surface casing (13-3/8") and production casing (7") will change. See the following revised casing program.

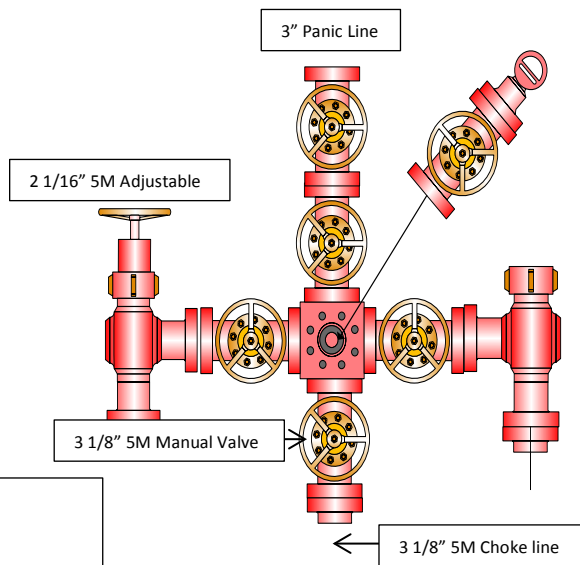
Hole O. D.	Set TVD	Casing O. D.	Weight (lb/ft)	Grade	Joint	Collapse	Burst	Tensile
17.5" surface	0' - 300'	13.375"	54.5	J-55	STC	1.3	1.3	1.8
12.25" intermediate	0' - 2100'	9.625"	36	J-55	STC	1.3	1.3	1.8
8.75" production	0' - 4200'	7"	26	P-110	LTC	1.3	1.3	1.8
	4200' - 7110'		29	N-80	LTC	1.3	1.3	1.8

Operator : **Cove Operating Group**
13-5/8" Divertor system

Date : 25-Jan-22

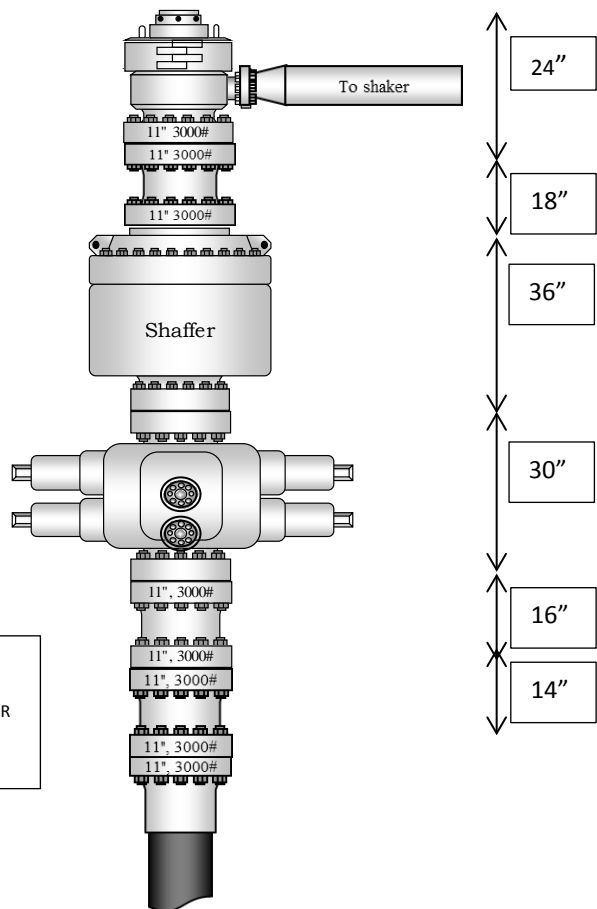


5M 11" B.O.P.E Diagram



Choke Diagram for a 5,000psi system

- Features all 3 1/8" 5M Manual Valves
- Two 2 1/16" Manual Adjustable Choke Valves
- 3" Panic Line and 2" Vent lines
- (2) 3 1/8" 5M Coflex Hose f/Choke to BOP



138" Total Stack Height
 152" Clearance under Rotary Table
 180" From ground to bottom Rotary beam

11" 3,000psi BOP

- Choke Side has (1) manual 3 1/8" Valve (1) HCR
- Kill Side has (2) 2 1/16" Manual Valve and (1) check valve



Dimensional Data and Minimum Performance Properties of Casing (Continued)

OD	Weight With Coupling	Wall Thickness		ID		Drift Diameter		Coupling or Joint OD		Grade	Collapse Resistance (psi)	Internal Yield Pressure (psi)*			Body Yield Strength (1,000 lb)	Joint Yield Strength (1,000 lb)*				
		in.	mm	in.	mm	in.	mm	in.	mm			in.	mm	Round End or Extreme Line		Round Thread		Buttress Thread	Threaded and Coupled Joint Round Thread	
																Short	Long		Short	Long
10-3/4	273.0	85.3	.797	20.24	9.156	232.6	9.000	228.6	-	-	C-90	12,010	11,680	-	-	-	2,243	-	-	
																				T-95
11-3/4	298.5	42.0	.333	8.46	11.084	281.5	10.928	277.6	12.750	323.9	H-40	1,040	1,980	1,980	-	-	478	307	-	
11-3/4	298.5	47.0	.375	9.52	11.000	279.4	10.844	275.4	12.750	323.9	J-55	1,510	3,070	3,070	-	3,070	737	477	509	-
											K-55	1,510	3,070	3,070						
											M-65	1,590	3,630	3,630	-	3,630	871	557	-	-
11-3/4	298.5	54.0	.435	11.05	10.880	276.3	10.724	272.4	12.750	323.9	J-55	2,070	3,560	3,560	-	3,560	850	568	606	-
											K-55	2,070	3,560	3,560						
											M-65	2,250	4,210	4,210	-	4,210	1,005	664	-	-
11-3/4	298.5	60.0	.489	12.42	10.772	273.6	10.616	269.6	12.750	323.9	J-55	2,670	4,010	4,010	-	4,010	951	649	693	-
											K-55	2,670	4,010	4,010						
											M-65	2,840	4,730	4,730	-	4,730	1,124	759	-	-
											L-80	3,180	5,830	5,830	-	5,830	1,384	913	924	-
											N-80	3,180	5,830	5,830	-	5,830	1,384	913	924	-
											C-90	3,360	6,550	6,550	-	6,550	1,557	1,011	-	-
											C-95	3,440	6,920	6,920	-	6,920	1,643	1,066	-	-
											T-95	3,440	6,920	6,920	-	6,920	1,643	1,066	-	-
											P-110	3,610	8,010	8,010	-	8,010	1,903	1,242	-	-
Q-125	3,680	9,100	9,100	-	9,100	2,162	1,395	-	-											
11-3/4	298.5	65.0	.534	13.56	10.682	271.3	10.526	267.4	-	-	L-80	3,870	6,360	-	-	-	1,505	-	-	-
											N-80	3,870	6,360							
											C-90	4,060	7,160	-	-	1,693	-	-	-	
											C-95	4,170	7,560	-	-	1,788	-	-	-	
											T-95	4,170	7,560	-	-	1,788	-	-	-	
											P-110	4,480	8,750	-	-	2,070	-	-	-	
											Q-125	4,690	9,940	-	-	2,352	-	-	-	
11-3/4	298.5	71.0	.582	14.78	10.586	268.9	10.430	264.9	-	-	L-80	4,880	6,930	-	-	-	1,634	-	-	-
											C-90	5,130	7,800							
											C-95	5,240	8,230	-	-	1,940	-	-	-	
											N-80	4,880	6,930	-	-	1,634	-	-	-	
											T-95	5,240	8,230	-	-	1,940	-	-	-	
											P-110	5,470	9,530	-	-	2,246	-	-	-	
											Q-125	5,760	10,840	-	-	2,552	-	-	-	
13-3/8	339.7	48.0	.330	8.38	12.715	323.0	12.559	319.0	14.375	365.1	H-40	740	1,730	1,730	-	-	541	322	-	
13-3/8	339.7	54.5	.380	9.65	12.615	320.4	12.459	316.5	14.375	365.1	J-55	1,130	2,730	2,730	-	2,730	853	514	547	-
											K-55	1,130	2,730	2,730						
13-3/8	339.7	61.0	.430	10.92	12.515	317.9	12.359	313.9	14.375	365.1	M-65	1,140	3,230	3,230	-	3,230	1,008	602	-	-
											K-55	1,540	3,090	3,090						
13-3/8	339.7	68.0	.480	12.19	12.415	315.3	12.259	311.4	14.375	365.1	J-55	1,950	3,450	3,450	-	3,450	1,069	675	718	-
											K-55	1,950	3,450	3,450						
											M-65	2,100	4,080	4,080	-	4,080	1,264	790	-	-
											L-80	2,260	5,020	5,020	-	5,020	1,556	952	963	-
											N-80	2,260	5,020	5,020	-	5,020	1,556	952	963	-
											C-90	2,320	5,650	5,650	-	5,650	1,750	1,057	-	-
											C-95	2,330	5,970	5,970	-	5,970	1,847	1,114	-	-
T-95	2,330	5,970	5,970	-	5,970	1,847	1,114	-	-											
P-110	2,330	6,910	6,910	-	6,910	2,139	1,297	-	-											

Baker Hughes

Tubing and Casing Data

5-19

Dimensional Data and Minimum Performance Properties of Casing (Continued)

OD	Weight With Coupling	Wall Thickness	ID	Drift Diameter	Coupling or Joint OD		Grade	Collapse Resistance (psi)	Internal Yield Pressure (psi)*			Body Yield Strength (1,000 lb)	Joint Yield Strength (1,000 lb)*	
					Round or Buttress	Plain End or Extreme Line			Round Thread		Buttress Thread		Threaded and Coupled Joint Round Thread	
									Short	Long			Short	Long
in. mm	lb/ft	in. mm	in. mm	in. mm	in. mm	in. mm								
6-5/8 168.3	28.0	.417 10.59	5.791 147.1	5.666 143.9	7.390 187.7	M-65	7,010	7,160	-	7,160	7,160	529	-	483
						L-80	8,170	8,810		8,810	8,810	651		576
						N-80	8,170	8,810		8,810	8,810	651		586
						C-90	8,880	9,910		9,910	9,910	732		633
						C-95	9,200	10,460		10,460	10,460	773		664
						T-95	9,220	10,460		10,460	10,460	773		664
						P-110	10,160	12,120		12,120	12,120	895		781
6-5/8 168.3	32.0	.475 12.06	5.675 144.2	5.550 141.0	7.390 187.7	L-80	10,320	10,040	-	10,040	9,820	734	-	666
						N-80	10,320	10,040		10,040	9,820	734		677
						C-90	11,330	11,290		11,290	11,050	826		732
						C-95	11,820	11,920		11,920	11,660	872		769
						T-95	11,820	11,920		11,920	11,660	872		769
						P-110	13,220	13,800		13,800	13,500	1,010		904
						Q-125	14,540	15,680		15,680	15,340	1,147		988
7 177.8	17.0	.231 5.87	6.538 166.1	6.413 162.9	7.656 194.5	H-40	1,420	2,310	2,310	-	-	196	122	-
						H-40	1,970	2,720	2,720	-	-	230	176	
7 177.8	20.0	.272 6.91	6.456 164.0	6.331 160.8	7.656 194.5	J-55	2,270	3,740	3,740	-	-	316	234	-
						K-55	2,270	3,740	3,740	-	-	254	-	
						M-65	2,480	4,420	4,420	-	-	374	272	
7 177.8	23.0	.317 8.05	6.366 161.7	6.241 158.5	7.656 194.5	J-55	3,270	4,360	4,360	4,360	4,360	366	284	313
						K-55	3,270	4,360	4,360	4,360	366	309	341	
						M-65	3,540	5,150	-	5,150	5,150	433	-	364
						L-80	3,830	6,340	-	6,340	6,340	532	-	435
						N-80	3,830	6,340	-	6,340	6,340	532	-	442
						C-90	4,030	7,130	-	7,130	7,130	599	-	479
						C-95	4,140	7,530	-	7,530	7,530	632	-	505
T-95	4,140	7,530	-	7,530	7,530	632	-	505						
7 177.8	26.0	.362 9.19	6.276 159.4	6.151 156.2	7.656 194.5	J-55	4,330	4,980	4,980	4,980	4,980	415	334	367
						K-55	4,330	4,980	4,980	4,980	415	364	401	
						M-65	4,810	5,880	-	5,880	5,880	491	-	428
						L-80	5,410	7,240	-	7,240	7,240	604	-	511
						N-80	5,410	7,240	-	7,240	7,240	604	-	519
						C-90	5,740	8,140	-	8,140	8,140	679	-	563
						C-95	5,890	8,600	-	8,600	8,600	717	-	593
T-95	5,890	8,600	-	8,600	8,600	717	-	593						
P-110	6,230	9,960	-	9,960	9,960	830	-	693						
7 177.8	29.0	.408 10.36	6.184 157.1	6.059 153.9	7.656 194.5	M-65	6,100	6,630	-	6,630	6,630	549	-	492
						L-80	7,030	8,160	-	8,160	8,160	676	-	587
						N-80	7,030	8,160	-	8,160	8,160	676	-	597
						C-90	7,580	9,180	-	9,180	9,180	760	-	648
						C-95	7,840	9,690	-	9,690	9,690	803	-	683
						T-95	7,840	9,690	-	9,690	9,690	803	-	683
						P-110	8,530	11,220	-	11,220	11,220	929	-	797
7 177.8	29.0	.408 10.36	6.184 157.1	6.059 153.9	7.656 194.5	M-65	7,360	7,360	-	7,360	7,360	606	-	554
						L-80	8,600	9,060	-	9,060	8,460	745	-	661
						N-80	8,600	9,060	-	9,060	8,460	745	-	672



Midwest Hose
& Specialty, Inc.

Certificate of Conformity	
Customer: HOBBS	Customer P.O.# 405330
Sales Order # 361070	Date Assembled: 1/23/2018
Specifications	
Hose Assembly Type: Choke & Kill	Rig # N/A
Assembly Serial # 444819	Hose Lot # and Date Code 12812-07/17
Hose Working Pressure (psi) 5000	Test Pressure (psi) 7500
Hose Assembly Description:	CK48-SS-5K-485KX-485KX-15FT-TVM
<p>We hereby certify that the above material supplied for the referenced purchase order to be true according to the requirements of the purchase order and current industry standards.</p>	
<p>Supplier: Midwest Hose & Specialty, Inc. 3312 S I-35 Service Rd Oklahoma City, OK 73129</p>	
<p>Comments:</p>	
Approved By	Date
	1/23/2018



Midwest Hose
& Specialty, Inc.

Internal Hydrostatic Test Certificate

General Information		Hose Specifications	
Customer	HOBBS	Hose Assembly Type	Choke & Kill
MWH Sales Representative	ABYGAIL LOGAN	Certification	API 7K/FSL LEVEL2
Date Assembled	1/23/2018	Hose Grade	D
Location Assembled	OKC	Hose Working Pressure	5000
Sales Order #	361070	Hose Lot # and Date Code	12812-07/17
Customer Purchase Order #	405330	Hose I.D. (Inches)	3"
Assembly Serial # (Pick Ticket #)	444819	Hose O.D. (Inches)	4.95"
Hose Assembly Length	15'	Armor (yes/no)	YES
Fittings			
End A		End B	
Stem (Part and Revision #)	R3.OX48A-WB	Stem (Part and Revision #)	R3.OX48A-WB
Stem (Heat #)	MM17104595	Stem (Heat #)	MM17109595
Ferrule (Part and Revision #)	RF3.OX4750	Ferrule (Part and Revision #)	RF3.OX4750
Ferrule (Heat #)	60835297	Ferrule (Heat #)	60835297
Connection . Flange Hammer Union Part	3-1/8 5K	Connection (Part #)	3-1/8 5K
Connection (Heat #)		Connection (Heat #)	
Nut (Part #)		Nut (Part #)	
Nut (Heat #)		Nut (Heat #)	
Dies Used	5.00"	Dies Used	5.00"
Hydrostatic Test Requirements			
Test Pressure (psi)	7,500	Hose assembly was tested with ambient water temperature.	
Test Pressure Hold Time (minutes)	10 1/2		
Date Tested	Tested By	Approved By	
1/23/2018			



Midwest Hose & Specialty, Inc.

Internal Hydrostatic Test Graph

January 23, 2018

Customer: Hobbs

Pick Ticket #: 444819

Hose Specifications

Hose Type
C&K
I.D.
3"
Working Pressure
5000 PSI

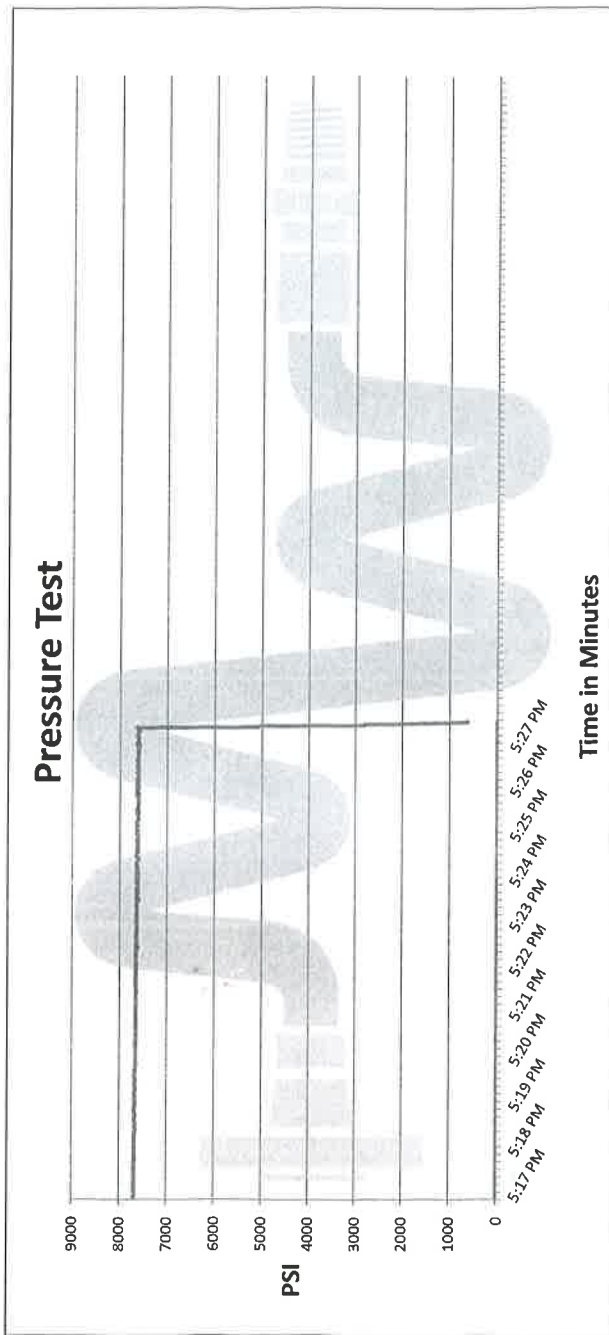
Length
15'
O.D.
4.39"

Verification

Type of Fitting
3 1/8 5K
Die Size
5.00"
Hose Serial #
12812

Coupling Method
Swage
Final O.D.
5.01"
Hose Assembly Serial #
444819

Burst Pressure
Standard Safety Multiplier Applies



Test Pressure
7500 PSI

Time Held at Test Pressure
10 2/4 Minutes

Actual Burst Pressure

Peak Pressure
8232 PSI

Comments: Hose assembly pressure tested with water at ambient temperature.

Tested By: Zach Tillman

Approved By: James Hawkins

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 79906

CONDITIONS

Operator: VISION ENERGY GROUP LLC 5750 Johnston Street Lafayette, LA 73112	OGRID: 280962
	Action Number: 79906
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
jagarcia	None	5/19/2022