



west virginia department of environmental protection

Office of Oil and Gas
601 57th Street, S.E.
Charleston, WV 25304
(304) 926-0450
fax: (304) 926-0452

Harold D. Ward, Cabinet Secretary
www.dep.wv.gov

Tuesday, May 7, 2024

WELL WORK PLUGGING PERMIT
Vertical Plugging

PILLAR ENERGY, LLC
1244 MARTINS BRANCH RD

CHARLESTON, WV 25312

Re: Permit approval for P-2
47-011-00664-00-00

This well work permit is evidence of permission granted to perform the specified well work at the location described on the attached pages and located on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder, and to any additional specific conditions and provisions outlined in the pages attached hereto. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be promptly reported by the operator to 1-800-642-3074 and to the Oil and Gas Inspector.

Upon completion of the plugging well work, the above named operator will reclaim the site according to the provisions of WV Code 22-6-30. Please be advised that form WR-38, Affidavit of Plugging and Filling Well, is to be submitted to this office within 90 days of completion of permitted well work, as should form WR-34 Discharge Monitoring Report within 30 days of discharge of pits, if applicable. Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of this permit and, in addition, may result in civil and/or criminal penalties being imposed upon the operators.

Per 35 CSR 4-5.2.g this permit will expire in two (2) years from the issue date unless permitted well work is commenced. If there are any questions, please feel free to contact me at (304) 926- 0450.

James A. Martin
Chief

Operator's Well Number: P-2
Farm Name: RUCKER, W. L.
U.S. WELL NUMBER: 47-011-00664-00-00
Vertical Plugging
Date Issued: 5/7/2024

A blue ink signature of James A. Martin, written in a cursive style, is positioned to the right of the permit details. Below the signature is a blue ink stamp, likely an official seal or verification mark.

PERMIT CONDITIONS

West Virginia Code §22-6-11 allows the Office of Oil and Gas to place specific conditions upon this permit. Permit conditions have the same effect as law. Failure to adhere to the specified permit conditions may result in enforcement action.

CONDITIONS

1. All pits must be lined with a minimum of 20 mil thickness synthetic liner.
2. In the event of an accident or explosion causing loss of life or serious personal injury in or about the well or while working on the well, the well operator or its contractor shall give notice, stating the particulars of the accident or explosion, to the oil and gas inspector and the Chief within twenty-four (24) hours.
3. Well work activities shall not constitute a hazard to the safety of persons.
4. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing.

4701100664P

- 1) Date February 16, 2024
- 2) Operator's Well No. P-2
- 3) API Well No. 47-011-00664

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

APPLICATION FOR A PERMIT TO PLUG AND ABANDON

4) Well Type: Oil ___ / Gas X / Liquid injection ___ / Waste disposal ___ /
(If "Gas, Production X or Underground storage ___) Deep ___ / Shallow X

5) Location: Elevation 760' Watershed Lower Guyandotte
District Grant County Cabell Quadrangle Hamlin

6) Well Operator Pillar Energy LLC 7) Designated Agent Jeff Isner
Address 1244 Martins Branch Rd Address (same)
Charleston, WV 25312

8) Oil and Gas Inspector to be notified 9) Plugging Contractor
Name Jeffery Smith Name TBD
Address 4 Wick Lane Address _____
Cross Lanes, WV 25313

10) Work Order: The work order for the manner of plugging this well is as follows:
See attached procedure.

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APR 01 2024
WV Department of
Environmental Protection

Notification must be given to the district oil and gas inspector 24 hours before permitted work can commence.

Work order approved by inspector Douglas Newby Date 4-5-24

06/28/2024

P-2

API# 47-011-00664

Elevation: 760' GL

Latitude/Longitude: 38.367626 / -82.100367

P-2 Well Data (Drilled 1907)

Casing: 13" Cond Csg @ 14' GL – Possibly pulled after setting next csg. *LEFT IN WELL*
 10" Surface @ 75' GL – Pulled after setting next csg.
 8-1/4" Intermediate Csg @ 715' GL – Pulled after setting next csg.
 5-3/16" Production Csg @ 1672' GL – Likely on packer *1700'*
 2-3/8" Production Tbg 2123' - Likely on anchor packer.
 TD: 2123' *(2163')*
 Latch Down: N/A
 Perforations: Open Hole F/ 1700' – T/ 2123' *BEREA 2143'*
 Coal: N/A
 Fresh Water Shows: None Reported
 Salt Water Shows: 1035'
 Gas/Oil Shows: 1005', 1475'

P-2 Procedure:

1. Notify State Inspector, Jeffery Smith – (681)-990-6944– Jeffrey.L.Smith@wv.gov
24 hours prior to commencing operations.
2. Prep P-2 location.
3. MIRU service rig, steel pits, and other ancillary equipment.
4. Blow well down, and TOOH w/ production tubing and anchor packer.
5. RIH w/ work string to ~1750'
6. Pump 30 BBL 6% gel. *F. 2120' TO 2020' (BEREA) (Bottom Hole Plug)*
7. Set 100' cement plug F/ 1750' T/ 1650'. (Csg shoe @ 1700').
8. TOOH to 1000', WOC 8 hrs, RIH & tag plug, add cement if needed.
9. 5-3/16" & 8-1/4" Casings (if present) will be ripped and removed from well bore where free.
The following cement plugs set will be set, with the order depending on where casing is free and able to be removed. 6% gel will be spotted between each plug.
 - a. 100' plug F / 1500' – T/ 1400' ✓
 - b. 100' plug across from location of ripped 5-3/16" casing. ✓
 - c. 100' plug F/ 1050' – T/ 950'. Csg ripped or perforated at ~1025' if csg is still present.
 - d. 200' elevation plug F/ 800' – T/ 600' (Elevation @ 760'). Csg ripped or perforated at ~700' if csg is still present.
 - e. Pump 100' plug F/ 100' – T/ surface'. Csg ripped or perforated at 50' if csg is still present.
10. Erect a monument to WV DEP specifications (CSR 35-4-5.5 – sub "b").
11. Reclaim location and roads to WV DEP Specifications.

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 WV Department of
 Environmental Protection

06/28/2024



WELLBORE SCHEMATIC

Well Information:

Well Name: P-2	Company / Partnership: Pillar Energy LLC
County / State: Cabell / WV	API Number: 47-011-00664
District / Quad: Grant / Hamlin	AFE Number:
Target: Berea	Cost Center:
Lat: 38.367626	Pool Code
Long: -82.100367	DTD / LTD: 2163

Surveys	Hole Size	Shows	Depths (KB)	SPUD DATE: ?? TD DATE: 1907	Elevation: 760'	Casings	Cement
					Elevation: 760'	13" Conductor @ 14'	
						10" Conductor @ 75', but pulled after setting next string	
						8-1/4" Surface Casing set @ 715' during drilling Csg pulled after setting next string	
		Gas Show @ 1005' SW show @ 1035'					
		Oil show @ 1475'				5-3/16" Intermediate csg set @ 1700' GL, likely on packer No Record of Cementing	
					TD @ 2123'	2-3/8" Production tbg @ 2123'	

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Berea 2145'
Gas & Oil
show
TD @ 2123' 2163'

Completion Information		Target: Berea	Completion Date:
Top Perforation (ft):	Frac Type/Fluid:	Breakdown:	psi
Bottom Perforation (ft):	Foam Quality:	Pre-ISIP:	psi
No. of Shots:	BD Acid Volume:	MTP:	psi
Charge (gram):	Treatment Volume:	ATP:	psi
Perf Diameter:	Sand mesh size:	ISIP:	psi
Penetration:	Sand Volume:	5-min SIP:	psi
Phasing:	Ave. Treatment Rate:	10-min SIP:	psi

Remarks:

470110068402

TARDER GAS COMPANY

WELL NO. (Serial 1-2
Farm 1
Lease No. - INC-5

WELL RECORD

W. L. RUCKER
FARM

WATERS OF LITTLE TWO MILE CREEK
CABELL COUNTY, W. VA.

<u>FORMATION</u>	<u>TOP</u>	<u>BOTTOM</u>	<u>REMARKS</u>
Sand slate	0	980	
Salt sand	980	1400	
Big Lime	1400	1565	
Slate	1565	1620	
Big Injun	1620	1700	

Got little gas at 1005'
Water 1035'
Little oil 1470-1475'

This is all the record we have
Producing from Berea

Well commenced
Well completed 1907

MATERIAL LEFT IN WELL

14' 13" Casing
1700' 5 3/16" Casing
2123' 2" Tubing

Permit #
47-011-0664

MATERIAL USED IN WELL

14' 13" Casing
75' 10" Casing
715' 8" Casing
1400' 6 5/8" Casing
1700' 5 3/16" Casing

SOUTHEASTERN GAS COMPANY
AND AFFILIATED COMPANIES
P. O. BOX 2347
CHARLESTON, W. VA. 25328

Drilled by Aetna Oil & Gas Co.

06/28/2024

WELL OPERATOR: Southeastern Gas Co. *JW* 017598
 FIRST PURCHASER: Columbia Gas Trans. Corp. 004030
 OTHER: _____

Specified under 100, etc. for well
Specified

W. Va. Department of Mines, Oil & Gas Division
 WELL DETERMINATION FILE NUMBER
79 09 28 - 108 - 011 - 0664
 Use Above File Number on all Communications
 Relating to Determination of this Well

CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

- ITEM NO. _____
- 1 FERC-121 Items not completed - Line No. _____
 - 2 IV-1 - Agent J.C. Liming
 - 3 IV-2 - Well Permit _____
 - 4 IV-6 - Well Plat
 - 5 IV-35- Well Record Drilling Deepening _____
 - 6 IV-36- Gas-Oil Test: Gas Only Was Oil Produced? _____ Ratio _____
 - 7 IV-39- Annual Production 2 years
 - 8 IV-40- 90 day Production 90 Days off Line: _____
 - 9 IV-48- Application for Certification. Complete?
 - 10 - 17 IV Form #51 - 52 - 53 - 54 - 55 - 56 - 57 - 58. Complete Affidavit Signed
 - 18 - 28 Other: Survey _____ Logs _____ Geological Charts _____ Structure Map _____
 1:4000 Map _____ Well Tabulations _____ Gas Analyses _____
 - (5) DATE COMMENCED n/a
 Date Completed: unknown date - 1967 Deepened _____
 - (5) Production Depth: 1005
 - (5) Production Formation: Salt Sand
 - (5) Final OPEN FLOW: _____
 - (5) Static R.P. Initially: n/a
 - (6) Other Gas Test: _____
 - (7) Avg. Daily Gas from Annual Production: $\frac{815.45}{365} = 2.2$ m; no oil
 - (8) Avg. Daily Gas from 90-day ending w/1-120 days $\frac{241.56}{75} = 3.2$ m; no oil
 - (8) Line Pressure: 45 PSIG from Daily Report
 - (5) Oil Production: no From Completion Report show - 1470-1475
 - (10-17) Does lease inventory indicate enhanced recovery being done: compressor
 - (10-17) Is affidavit signed? Notarized?
- Does official well record with the Department confirm the submitted information? yes
 Additional Information _____ Does computer program confirm? _____
 Was Determination Objected to? _____ By Whom? _____

C.H.



Select County: (011) Cabell Select datatypes: (Check All)

Enter Permit #: 00664

Location Production Plugging
 Owner/Completion Stratigraphy Sample
 Pay/Show/Water Logs Btm Hole Loc

Get Data Reset

Table Descriptions
 County Code Translations
 Permit Numbering Series
 Usage Notes
 Contact Information
 Disclaimer
 WVGES Main
 Pipeline-Plus New

JWM

WV Geological & Economic Survey:

Well: County = 11 Permit = 00664 [Link to all digital records for well](#)

Report Time: Tuesday, May 07, 2024 2:46:45 PM

Location Information: [View Map](#)

API	COUNTY	PERMIT	TAX_DISTRICT	QUAD_75	QUAD_15	LAT_DD	LON_DD	UTME	UTMN
4701100664	Cabell	664	Grant	Hamlin	Milton	38.367626	-82.100367	403873.7	4247178.1

There is no Bottom Hole Location data for this well

Owner Information:

API	CMP_DT	SUFFIX	STATUS	SURFACE_OWNER	WELL_NUM	CO_NUM	LEASE	LEASE_NUM	MINERAL_OWN	OPERATOR_AT_COMPLETION	PROP_VD	PROP_TRGT_FM	TFM_EST_PR
4701100664	-/1907	Original Loc	Completed	W L Rucker		P-2				Southeastern Gas Co.			

Completion Information:

API	CMP_DT	SPUD_DT	ELEV DATUM	FIELD	DEEPEST_FM	DEEPEST_FMT	INITIAL_CLASS	FINAL_CLASS	TYPE	RIG	CMP_MTHD	TVD	TMD	NEW_FTG	KOD	G_BEF	G_AFT	
4701100664	-/1907	-/-	760	Barometer	Ball Gap	Berea Ss	Berea Ss	Development Well	Development Well	Gas w/ Oil Show	unknown	Nat/Open H	2163			2163	0	0

Pay/Show/Water Information:

API	CMP_DT	ACTIVITY	PRODUCT	SECTION	DEPTH_TOP	FM_TOP	DEPTH_BOT	FM_BOT	G_BEF	G_AFT	O_BEF	O_AFT	WATER_QNTY
4701100664	-/1907	Show	Gas	Vertical			1005	Pennsylvanian System	0	0			0
4701100664	-/1907	Water	Unknown Water	Vertical			1010						0
4701100664	-/1907	Water	Unknown Water	Vertical			1035						0
4701100664	-/1907	Show	Oil	Vertical			1317	Pennsylvanian System	0	0			0
4701100664	-/1907	Show	Oil	Vertical	1470	Greenbrier Group	1475	Greenbrier Group	0	0			0

Production Gas Information: (Volumes in Mcf) * 2023 data for H6A wells only. Other wells are incomplete at this time.

API	PRODUCING_OPERATOR	PRD_YEAR	ANN_GAS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4701100664	Southeastern Gas Co.	1981	305	3	4	30	29	31	29	30	30	29	30	29	31
4701100664	Southeastern Gas Co.	1983	0	0	0	0	0	0	0	0	0	0	0	0	0
4701100664	Starr GO	1984	181	7	7	9	8	8	20	21	21	20	20	20	20
4701100664	Southeastern Gas Co.	1985	167	20	18	13	13	13	13	13	13	13	13	12	13
4701100664	Southeastern Gas Co.	1986	272	13	12	36	0	0	36	36	34	36	34	35	
4701100664	Southeastern Gas Co.	1987	253	35	32	19	18	19	18	19	18	18	19	18	19
4701100664	Southeastern Gas Co.	1988	1,675	19	41	164	158	164	158	164	164	158	164	158	163
4701100664	Southeastern Gas Co.	1989	1,098	0	0	63	100	106	125	70	125	89	196	105	119
4701100664	Southeastern Gas Co.	1990	1,304	90	136	109	106	109	106	109	109	106	109	106	109
4701100664	Southeastern Gas Co.	1991	132	20	19	20	19	20	14						
4701100664	Southeastern Gas Co.	1992	106	9	9	9	9	9	9	9	9	9	9	9	7
4701100664	Southeastern Gas Co.	1993	0	0	0	0	0	0	0	0	0	0	0	0	0
4701100664	Southeastern Gas Co.	1994	0	0	0	0	0	0	0	0	0	0	0	0	0
4701100664	Southeastern Gas Co.	1995	0	0	0	0	0	0	0	0	0	0	0	0	0
4701100664	Eastern States Oil & Gas, Inc.	1996	0	0	0	0	0	0	0	0	0	0	0	0	0
4701100664	Eastern States Oil & Gas, Inc.	1997	0	0	0	0	0	0	0	0	0	0	0	0	0
4701100664	Simcon Oil & Gas Corp.	2000	416	0	0	83	0	0	76	0	0	124	0	0	133
4701100664	Simcon Oil & Gas Corp.	2001	325	0	0	27	0	0	63	0	0	106	0	0	129
4701100664	Simcon Oil & Gas Corp.	2002	453	0	0	91	0	0	91	0	0	140	0	0	131
4701100664	Simcon Oil & Gas Corp.	2003	304	0	0	58	0	0	45	0	0	97	0	0	104
4701100664	Simcon Oil & Gas Corp.	2004	401	0	0	77	0	0	71	0	0	136	0	0	117
4701100664	Simcon Oil & Gas Corp.	2005	505	0	0	126	0	0	109	0	0	81	0	0	189
4701100664	Simcon Oil & Gas Corp.	2008	577	0	0	126	0	0	84	0	0	188	0	0	179
4701100664	Simcon Oil & Gas Corp.	2009	411	0	0	108	0	0	36	0	0	126	0	0	141
4701100664	Simcon Oil & Gas Corp.	2010	265	0	0	95	0	0	0	0	0	72	0	0	98
4701100664	Simcon Oil & Gas Corp.	2012	187	14	15	15	15	16	16	17	18	16	16	15	14
4701100664	Simcon Oil & Gas Corp.	2013	177	13	14	14	15	15	16	16	17	16	15	13	13
4701100664	Simcon Oil & Gas Corp.	2014	270	20	21	22	22	23	24	25	26	24	23	20	20
4701100664	Simcon Oil & Gas Corp.	2015	201	15	16	16	17	17	18	18	19	18	17	15	15
4701100664	Pillar Energy, LLC	2016	100	1	0	0	0	9	23	24	13	11	19	0	0
4701100664	Pillar Energy, LLC	2017	41	1	0	0	0	18	7	9	4	2	0	0	0
4701100664	Pillar Energy, LLC	2018	1	0	0	1	0	0	0	0	0	0	0	0	0
4701100664	Pillar Energy, LLC	2019	0	0	0	0	0	0	0	0	0	0	0	0	0
4701100664	Pillar Energy, LLC	2020	0	0	0	0	0	0	0	0	0	0	0	0	0
4701100664	Pillar Energy, LLC	2021	3	0	0	0	0	2	1	0	0	0	0	0	0
4701100664	Pillar Energy, LLC	2022	0	0	0	0	0	0	0	0	0	0	0	0	0

Production Oil Information: (Volumes in Bbl) ** some operators may have reported NGL under Oil * 2023 data for H6A wells only. Other wells are incomplete at this time.

API	PRODUCING_OPERATOR	PRD_YEAR	ANN_OIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4701100664	Southeastern Gas Co.	1981	0	0	0	0	0	0	0	0	0	0	0	0	0
4701100664	Southeastern Gas Co.	1983	0	0	0	0	0	0	0	0	0	0	0	0	0
4701100664	Starr GO	1984	0	0	0	0	0	0	0	0	0	0	0	0	0
4701100664	Southeastern Gas Co.	1985	0	0	0	0	0	0	0	0	0	0	0	0	0
4701100664	Southeastern Gas Co.	1986	0	0	0	0	0	0	0	0	0	0	0	0	0
4701100664	Southeastern Gas Co.	1987	0	0	0	0	0	0	0	0	0	0	0	0	0
4701100664	Southeastern Gas Co.	1988	0	0	0	0	0	0	0	0	0	0	0	0	0
4701100664	Southeastern Gas Co.	1989	0	0	0	0	0	0	0	0	0	0	0	0	0
4701100664	Southeastern Gas Co.	1990	0	0	0	0	0	0	0	0	0	0	0	0	0
4701100664	Southeastern Gas Co.	1991	0	0	0	0	0	0	0	0	0	0	0	0	0
4701100664	Southeastern Gas Co.	1992	0	0	0	0	0	0	0	0	0	0	0	0	0
4701100664	Southeastern Gas Co.	1993	0	0	0	0	0	0	0	0	0	0	0	0	0
4701100664	Southeastern Gas Co.	1994	0	0	0	0	0	0	0	0	0	0	0	0	0
4701100664	Southeastern Gas Co.	1995	0	0	0	0	0	0	0	0	0	0	0	0	0
4701100664	Eastern States Oil & Gas, Inc.	1996	0	0	0	0	0	0	0	0	0	0	0	0	0
4701100664	Eastern States Oil & Gas, Inc.	1997	0	0	0	0	0	0	0	0	0	0	0	0	0
4701100664	Simcon Oil & Gas Corp.	2000	0	0	0	0	0	0	0	0	0	0	0	0	0
4701100664	Simcon Oil & Gas Corp.	2001	0	0	0	0	0	0	0	0	0	0	0	0	0
4701100664	Simcon Oil & Gas Corp.	2002	0	0	0	0	0	0	0	0	0	0	0	0	0
4701100664	Simcon Oil & Gas Corp.	2003	0	0	0	0	0	0	0	0	0	0	0	0	0
4701100664	Simcon Oil & Gas Corp.	2004	0	0	0	0	0	0	0	0	0	0	0	0	0
4701100664	Simcon Oil & Gas Corp.	2005	0	0	0	0	0	0	0	0	0	0	0	0	0
4701100664	Simcon Oil & Gas Corp.	2008	0	0	0	0	0	0	0	0	0	0	0	0	0
4701100664	Simcon Oil & Gas Corp.	2009	0	0	0	0	0	0	0	0	0	0	0	0	0
4701100664	Simcon Oil & Gas Corp.	2010	0	0	0	0	0	0	0	0	0	0	0	0	0
4701100664	Simcon Oil & Gas Corp.	2012	0	0	0	0	0	0	0	0	0	0	0	0	0
4701100664	Simcon Oil & Gas Corp.	2013	0	0	0	0	0	0	0	0	0	0	0	0	0
4701100664	Simcon Oil & Gas Corp.	2014	0	0	0	0	0	0	0	0	0	0	0	0	0
4701100664	Simcon Oil & Gas Corp.	2015	0	0	0	0	0	0	0	0	0	0	0	0	0
4701100664	Pillar Energy, LLC	2016	0	0	0	0	0	0	0	0	0	0	0	0	0
4701100664	Pillar Energy, LLC	2017	0	0	0	0	0	0	0	0	0	0	0	0	0
4701100664	Pillar Energy, LLC	2018	0	0	0	0	0	0	0	0	0	0	0	0	0
4701100664	Pillar Energy, LLC	2019	0	0	0	0	0	0	0	0	0	0	0	0	0
4701100664	Pillar Energy, LLC	2020	0	0	0	0	0	0	0	0	0	0	0	0	0
4701100664	Pillar Energy, LLC	2021	0	0	0	0	0	0	0	0	0	0	0	0	0
4701100664	Pillar Energy, LLC	2022	0	0	0	0	0	0	0	0	0	0	0	0	0

Production NGL Information: (Volumes in Bbl) ** some operators may have reported NGL under Oil * 2023 data for H6A wells only. Other wells are incomplete at this time.

API	PRODUCING_OPERATOR	PRD_YEAR	ANN_NGL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4701100664	Simcon Oil & Gas Corp.	2013	0	0	0	0	0	0	0	0	0	0	0	0	0
4701100664	Simcon Oil & Gas Corp.	2014	0	0	0	0	0	0	0	0	0	0	0	0	0

4701100664P

JWM

4701100664	Simcon Oil & Gas Corp.	2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4701100664	Pillar Energy, LLC	2016	0															
4701100664	Pillar Energy, LLC	2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4701100664	Pillar Energy, LLC	2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4701100664	Pillar Energy, LLC	2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4701100664	Pillar Energy, LLC	2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4701100664	Pillar Energy, LLC	2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Production Water Information: (Volumes in Gallons) * 2023 data for H6A wells only. Other wells are incomplete at this time.

API	PRODUCING_OPERATOR	PRD_YEAR	ANN_WTR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4701100664	Pillar Energy, LLC	2016	0												
4701100664	Pillar Energy, LLC	2018	0	0	0	0	0	0	0	0	0	0	0	0	0
4701100664	Pillar Energy, LLC	2019	0	0	0	0	0	0	0	0	0	0	0	0	0
4701100664	Pillar Energy, LLC	2020	0	0	0	0	0	0	0	0	0	0	0	0	0
4701100664	Pillar Energy, LLC	2021	0	0	0	0	0	0	0	0	0	0	0	0	0
4701100664	Pillar Energy, LLC	2022	0	0	0	0	0	0	0	0	0	0	0	0	0

Stratigraphy Information:

API	SUFFIX	FM	FM_QUALITY	DEPTH_TOP	DEPTH_QUALITY	THICKNESS	THICKNESS_QUALITY	ELEV	DATUM
4701100664	Original Loc	Greenbrier Group	Well Record	1400	Reasonable	165	Reasonable	760	Ground Level
4701100664	Original Loc	Price Fm & equivs	Well Record	1565	Reasonable	0	Reasonable	760	Ground Level
4701100664	Original Loc	Base of Greenbrier	Well Record	1565	Reasonable	0	Reasonable	760	Ground Level
4701100664	Original Loc	Berea Ss	Well Record	2143	Reasonable	0	Reasonable	760	Ground Level

Wireline (E-Log) Information:

- * There is no Scanned/Raster Log data for this well
 - * There is no Digitized/LAS Log data for this well
 - * There is no Scanned or Digital Logs available for download
- There is no Plugging data for this well
- There is no Sample data for this well