

Submit 1 Copy To Appropriate District Office  
District I – (575) 393-6161  
1625 N. French Dr., Hobbs, NM 88240  
District II – (575) 748-1283  
811 S. First St., Artesia, NM 88210  
District III – (505) 334-6178  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV – (505) 476-3460  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

REC'D 10/13/2020 - NMOCD

Form C-103

Revised July 18, 2013

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-025-45815
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator Advance Energy Partners Hat Mesa, LLC		6. State Oil & Gas Lease No.
3. Address of Operator 11490 Westheimer, Suite 950 Houston, Texas 77077		7. Lease Name or Unit Agreement Name Dagger State SWD
4. Well Location Unit Letter <u>G</u> : <u>2625</u> feet from the <u>N</u> line and <u>1330</u> feet from the <u>E</u> line Section <u>30</u> Township <u>21S</u> Range <u>33E</u> NMPM County <u>LEA</u>		8. Well Number <u>1H</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.)		9. OGRID Number <u>372417</u>
		10. Pool name or Wildcat

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: <input checked="" type="checkbox"/>		OTHER: <input type="checkbox"/>	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Advance Energy Partners intends to upgrade the current injection to a tapered 7" X 5 1/25" injection string.

Setting Depth of the 7 5/8" drilling liner is @ 11,760'-16,376'

A permanent injection packer is @ 16,350'

The tapered tubing will be: 7" 29# HC P110 EZGO FJ3 from surface to 11,700'. 5 1/2" 19.8# HC P110 EZGO FJ# from 11,700'-16,350'.

The 5 1/2" and 7" tubing specs are attached along with a wellbore.

Spud Date:

Rig Release Date:

Accepted 10/26/220 - NMOCD

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Debbie Moughon TITLE Eng. Tech DATE 10/13/20

Type or print name Debbie Moughon E-mail address: dmoughon@advanceenergypartners.com PHONE: 346-444-9739

**For State Use Only**  
APPROVED BY: PM TITLE LM II DATE 10/26/2020

Conditions of Approval (if any):



# EZGO™ Connection Data Sheet

## Your Requirements

Pipe Size (OD): **5.50 in**

Weight: **20 lb/ft**

Grade: **P-110**

Connection: **EZGO™ FJ3**

### Material

<b>Grade</b>	P-110
Minimum Yield Strength	110,000 psi
Minimum Ultimate Strength	125,000 psi

### Pipe Dimensions

<b>Nominal OD</b>	5.5 in
Nominal ID	4.778 in
Nominal Wall Thickness	0.361 in
<b>Nominal Weight</b>	20.00 lbs/ft
Plain End Weight	19.83 lbs/ft
Nominal Pipe Body Area	5.828 sq in

### Pipe Body Performance

Minimum Pipe Body Yield Strength	641,000 lbs
Minimum Collapse Pressure	11,100 psi
Minimum Internal Yield Pressure	12,640 psi
Hydrostatic Test Pressure	11,600 psi

### Torque Values

Minimum Final Torque	2,400 ft-lbs
Maximum Final Torque	2,800 ft-lbs



### EZGO™ Connection Dimensions

Connection OD	5.50 in
Connection ID	4.778 in
Connection Drift Diameter	4.653 in
Make-Up Loss	2.32 in
Joint Efficiency	59 %

### EZGO™ Connection Performance

Joint Strength	378,000 lbs
Compression Rating	227,000 lbs
Collapse Pressure Rating	9,990 psi
Internal Pressure Resistance	11,376 psi
Maximum Uniaxial Bend Rating	27°/100 ft



Discover How EZGO™ Connections Can Help Optimize Your Drilling.  
[www.ezgoconnections.com](http://www.ezgoconnections.com)



# EZGO™ Connection Data Sheet

## Your Requirements

Pipe Size (OD): **7.0 in**

Weight: **29.0 lb/ft**

Grade: **P-110**

Connection: **EZGO™ FJ3**

### Material

<b>Grade</b>	P-110
Minimum Yield Strength	110,000 psi
Minimum Ultimate Strength	125,000 psi

### Pipe Dimensions

<b>Nominal OD</b>	7.0 in
Nominal ID	6.184 in
Nominal Wall Thickness	0.408 in
<b>Nominal Weight</b>	29.00 lbs/ft
Plain End Weight	28.75 lbs/ft
Nominal Pipe Body Area	8.449 sq in

### Pipe Body Performance

Minimum Pipe Body Yield Strength	929,000 lbs
Minimum Collapse Pressure	8,530 psi
Minimum Internal Yield Pressure	11,220 psi
Hydrostatic Test Pressure	10,300 psi

### Torque Values

Minimum Final Torque	4,700 ft-lbs
Maximum Final Torque	6,100 ft-lbs



### EZGO™ Connection Dimensions

Connection OD	7.0 in
Connection ID	6.114 in
Connection Drift Diameter	6.059 in
Make-Up Loss	4.09 in
Joint Efficiency	63.9 %

### EZGO™ Connection Performance

Joint Strength	594,000 lbs
Compression Rating	357,000 lbs
Collapse Pressure Rating	8,530 psi
Internal Pressure Resistance	11,220 psi
Maximum Uniaxial Bend Rating	27.7°/100 ft



Discover How EZGO™ Connections Can Help Optimize Your Drilling.  
[www.ezgoconnections.com](http://www.ezgoconnections.com)

AFE: NM0038  
 REGULATORY: NMOCOD  
 API: 30-025-45815  
 COUNTY: Lea  
 RIG: H&P389  
 KB: 3827.5' (25.5')  
 GL: 3802'



WELLHEAD:  
 13-5/8" 5K MN-DS  
 13-3/8" x 9-5/8" x 7"

# DAGGER STATE SWD #1

## PROPOSED SWD WELL INJECTION STRING

NAD 83  
 Lat: 32.449929  
 Long: -103.607422  
 SHL: Sec. 30, T-21S, R-33E; 2,625' FNL & 1,325' FEL  
 BHL: Sec. 30, T-21S, R-33E; 2,625' FNL & 1,325' FEL

HOLE SIZE	MD TD	FORMATION Conductor	CSG SET				MUD	CASING	CEMENT	SPECIAL INSTRUCTIONS
30"	1,650	SURF CSG PT	1,606				SPUD MW 8.4 ppg FRESH TD MW 10.0 ppg	26" ID: 24.5" 202.4# X56 XLF 12 Bowsprings 1 joint shoe track	LEAD: 12.8 ppg/1275 SKS Top of Lead: Surface 50% OH excess TAIL: 14.8 ppg/460 SKS Top of Tail: 1320' 20% excess	123 bbls cmt circulated to surface
24"	3,568	INTRM 1 CSG PT	3,558				DRLOUT MW 10.0 ppg BRINE TD MW 10.5 ppg	20" ID: 18.73" 133# K-55 BTC 17 Bowsprings 1 joint shoe track	LEAD: 12.8 ppg/2500 sks Top of Lead: Surface 50% OH excess TAIL: 14.8 ppg/685 sks Top of Tail: 2854' 20% excess	191 bbls cmt circulated to surface
17-1/2"	5,250	INTRM 2 CSG PT	5,250				DRLOUT MW 9.5 ppg BRINE / CUT BRINE TD MW 10.5 ppg	13-3/8" ID: 12.415" 68# HCL-80 BTC 18 Bowsprings	LEAD: 11 ppg/1370 sks Top of Lead: Surface 50% OH excess TAIL: 14.8 ppg/685 sks Top of Tail: 4200' 20% excess	220 bbls cmt circulated to surface
12-1/4"	11,760	TOP OF LINER	11,760				DRLOUT MW 9.0 ppg CUT BRINE TD MW 9.2 ppg	9-5/8" ID: 8.835" 40# HCP-110 LTC Special Drift - 8.75" 46 Bowsprings 1 joint shoe track	LEAD: 10.5 ppg/1170 sks Top of Lead: Surface 50% excess (OH only) TAIL: 14.5 ppg/760 sks Top of Tail: 9675' 20% excess	192 bbls cmt circulated to surface
8-3/4"	16,350	PERM PACKER	16,350				DRLOUT MW 11.5 ppg OBM TD MW 12.6 ppg	DRILLING LINER 7-5/8" ID: 6.625 39# HCP-110 LTC 25 Bowsprings 1 joint shoe track	TAIL: 14.2 ppg/470 sks Top of Tail: TOL 20% excess 30-80% Partial Returns while cementing	Temp Log - 11.725' TOC Tested TOL @ 1500 psi  Allamon 7-5/8" 39# x 9-5/8" 40# Hydraulic-Set Liner Hanger
6-1/2"	16,425	Devonian	16,425				DRLOUT MW 8.4 ppg FRESH TD MW 8.4 ppg	INJECTION STRING ~254 jts - 7" 29 P110 HC EZGO FJ3 Surface - 11,700' 120 jt - 5.5" 19.8# P110 HC EZGO FJ3 11,700' - 16,347'	PACKER FLUID	OPEN HOLE COMPLETION  7.625" Baker Perm Nickel plated packer  Injection Csg will be Internally Coated

Est BHT = 240\* F

### DIRECTIONS TO LOCAITON:

From the intersection of Hwy 180 & Hwy 176 - travel southeast on Hwy 176 and travel 6.8 miles. Turn right (south) and travel 2.3 miles. Turn left and travel for 0.85 miles. Turn left, drive up and over Hat Mesa then down the fence line road for 1.8 miles. Turn left and travel 0.25. Stay right and travel ~0.5 miles to location, passing the Dagger State 506H and 508H location on the right.

Drilling Engineer: Braden Harris (406) 600-3310

Date: 10/2/2020



## Documents

**Success!**

File(s) submitted for approval.

Document Type: District I -- Hobbs, Reference Id: 30025458150000, OCD Office: District I -- Hobbs.

Files: 30025458150000\_10\_13\_2020\_02\_44\_01.pdf, 30025458150000\_10\_13\_2020\_02\_44\_23.pdf, 30025458150000\_10\_13\_2020\_02\_44\_36.pdf, 30025458150000\_10\_13\_2020\_02\_44\_55.pdf.

Please provide an electronic document to be submitted to Oil Conservation Division. Accepted file formats for submission are Word (.doc), Excel (.xls), TIFF (.tif or .tiff), PDF (.pdf), PNG (.png), GIF (.gif), and JPEG (.jpg or .jpeg)

No information is sent to OCD until "Submit" button is clicked. You must also pass the Document Type, Reference Id and OCD Office validation before the Upload Files button will process any files.

Document Type: Well File

Reference Id: 30025458150000  
3002545815: DAGGER STATE SWD #001

OCD Office: District I -- Hobbs

Comments: New C-103, Specs, Wellbore

Files:	Name		
	30025458150000_10_13_2020_02_44_01.pdf	Review	Delete
	30025458150000_10_13_2020_02_44_23.pdf	Review	Delete
	30025458150000_10_13_2020_02_44_36.pdf	Review	Delete
	30025458150000_10_13_2020_02_44_55.pdf	Review	Delete

Done

**Document Type: Reference Id Descriptions:**

\*AO - Administrative/Environmental Order; ID is Order Number i.e., PCLP0711740248

\*CF - Case File; ID is Case Number i.e., 408

\*FF - Facility File; ID is Facility ID i.e., fDHR1923131309

\*NF - Incident File; ID is Incident ID i.e., nDHR1923135777

\*HO - Hearing Order; ID is Reference Number i.e., R-12345

\*WF - Well File; ID is API Number i.e., 3004120718

\*WL - Well Log; ID is API Number i.e., 3004120718