

30025-37429

## POGO Resources Well Servicing, Workover & Completion Record

LEASE South Vacuum WELL NO 22-1 DATE(S) 10/31/2018  
 FIELD South Vacuum COUNTY Lea STATE NM  
 CONTRACTOR Joe's Well Ser SUPERVISOR Mickey Horn  
 WORK SUMMARY \_\_\_\_\_

MI & RU Joe's Well Service. Received & unloaded 390 jts. of 3 1/2" N-80, 9.3 # tbq. ND well head & NU BOP.  
 TIH with 6" drill bit, bit sub, & 200 jts. 3 1/2" tbq. SDFN

**DAILY COSTS:**

ROAD, LOCATIONS & DAMAGES		TULULARS	
RIG COST	3,600	WELLHEAD EQUIPMENT	1500
EQUIPMENT RENTAL	2500	SUBSURFACE EQUIPMENT	
LOGGING & PERFORATING		ARTIFICIAL LIFT EQUIPMENT	
STIMULATION		SUCKER RODS	
TRUCKING & TRANSPORTATION	2,000	TANKS	
CEMENTING		PRESSURE VESSELS	
COMPLETION FLUIDS		FLOWLINES	
CONTRACT & COMPANY SERVICES		INSTALLATION	
MISCELLANEOUS SUPPLIES		FITINGS, VALVES, ETC.	
ENGR. & SUPERVISION	850	METERS, LACT, ETC.	
OTHER <span style="margin-left: 20px;">spooler</span>		ELECTRICAL EQUIPMENT	
		TOTAL DAILY COST	8,450
		CUMULATIVE COST	8,450

WELL RECORD		
PULLED FROM WELL	EQUIPMENT	RUN IN WELL


# POGO Resources

## Well Servicing, Workover & Completion Record

LEASE South Vacuum WELL NO 22-1 DATE(S) 11/1/2018  
 FIELD South Vacuum COUNTY Lea STATE NM  
 CONTRACTOR Joe's Well Ser SUPERVISOR Mickey Horn

**WORK SUMMARY**

Held 5 min, safety meeting on pinch points. Opened well 0 psi. TIH with 166 jts 3 1/2" tbg. Tagged cast iron bridge plug at 11,924 ft. TOH with tbg., laid down 6" drill bit. PU 3 1/2" X 7" Arrowset1x packer. TIH with 120 jts 3 1/2" tbg. SWI & SDFN

NOTE: set 15 frac tanks

**DAILY COSTS:**

ROAD, LOCATIONS & DAMAGES		TULULARS	
RIG COST	3,500	WELLHEAD EQUIPMENT	
EQUIPMENT RENTAL	2000	SUBSURFACE EQUIPMENT	
LOGGING & PERFORATING		ARTIFICIAL LIFT EQUIPMEN	
STIMULATION		SUCKER RODS	
TRUCKING & TRANSPORTATION	2,000	TANKS	
CEMENTING		PRESSURE VESSELS	
COMPLETION FLUIDS		FLOWLINES	
CONTRACT & COMPANY WERVICES	1500	INSTALLATION	
MISCELLANEOUS SUPPLIES		FITINGS, VALVES, ETC.	
ENGR. & SUPERVISION	850	METERS, LACT, ETC.	
OTHER packer	2,500	ELECTRICAL EQUIPMENT	
		TOTAL DAILY COST	12,350
		CUMULATIVE COST	20,800

WELL RECORD		
PULLED FROM WELL	EQUIPMENT	RUN IN WELL


# POGO Resources

## Well Servicing, Workover & Completion Record

LEASE South Vacuum WELL NO 22-1 DATE(S) 11/2/2018  
 FIELD South Vacuum COUNTY Lea STATE NM  
 CONTRACTOR Joe's Well Ser SUPERVISOR Mickey Horn  
 WORK SUMMARY \_\_\_\_\_

Held 5 min. safety meeting. TIH with 244 jts. tbg. Set packer at 11,624 ft RU pump truck Loaded hole with  
 20 bbls. produced water Shut BOP. Pressured 7" csg. to 800 psi SI for 15 min. Csg lost 180 psi in 15 min.  
 Repressured csg. to 800 psi SI 15 min. Csg lost 100 psi RD pump truck. Bled pressure off, Worked 2 1/2 hrs.  
 trying to release packer. Packer released. TOOH with 270 jts. 3 1/2 " tbg. SDFN

NOTE: Set 8 frac tanks. Total of 23 frac tanks on location

**DAILY COSTS:**

ROAD, LOCATIONS & DAMAGES		TULULARS	
RIG COST	3,405	WELLHEAD EQUIPMENT	
EQUIPMENT RENTAL	2500	SUBSURFACE EQUIPMENT	
LOGGING & PERFORATING		ARTIFICIAL LIFT EQUIPMENT	
STIMULATION		SUCKER RODS	
TRUCKING & TRANSPORTATION	1,680	TANKS	
CEMENTING		PRESSURE VESSELS	
COMPLETION FLUIDS		FLOWLINES	
CONTRACT & COMPANY SERVICES		INSTALLATION	
MISCELLANEOUS SUPPLIES	2500	FITINGS, VALVES, ETC.	
ENGR. & SUPERVISION	850	METERS, LACT, ETC.	
OTHER	42,000	ELECTRICAL EQUIPMENT	
frac tanks		TOTAL DAILY COST	52,935
		CUMULATIVE COST	73,735

WELL RECORD		
PULLED FROM WELL	EQUIPMENT	RUN IN WELL

# POGO Resources

## Well Servicing, Workover & Completion Record

LEASE South Vacuum WELL NO 22-1 DATE(S) 11/3/2018  
 FIELD South Vacuum COUNTY Lea STATE NM  
 CONTRACTOR Joe's Well Ser SUPERVISOR Mickey Horn  
 WORK SUMMARY \_\_\_\_\_

Held 5 min. safety meeting pertaining to explosives  
 TOO H with 3 1/2" tbg. Laid down packer. RU Capitan Wireline Service. TIH with 7" cast iron bridge plug.  
 Set plug at 11,650 ft. TOO H with setting tool. TIH with 3 1/2 " perf.gun. Correlated perforations to cement bond log.  
 Perforated from 11,510 ft. to 11,485 ft. All charges fired. TIH with second gun. Perforated from 11,460 ft. to  
 11,485 ft. All shots fired good. SDFN

**DAILY COSTS:**

ROAD, LOCATIONS & DAMAGES		TULULARS	
RIG COST	4,000	WELLHEAD EQUIPMENT	
EQUIPMENT RENTAL	3,500	SUBSURFACE EQUIPMENT	
LOGGING & PERFORATING	10,800	ARTIFICIAL LIFT EQUIPMENT	
STIMULATION		SUCKER RODS	
TRUCKING & TRANSPORTATION		TANKS	
CEMENTING		PRESSURE VESSELS	
COMPLETION FLUIDS		FLOWLINES	
CONTRACT & COMPANY SERVICES		INSTALLATION	
MISCELLANEOUS SUPPLIES	2,000	FITINGS, VALVES, ETC.	
ENGR. & SUPERVISION	850	METERS, LACT, ETC.	
OTHER	800	ELECTRICAL EQUIPMENT	
		TOTAL DAILY COST	21,950
		CUMULATIVE COST	95,685

WELL RECORD		
PULLED FROM WELL	EQUIPMENT	RUN IN WELL

## POGO Resources

### Well Servicing, Workover & Completion Record

LEASE South Vacuum WELL NO 22-1 DATE(S) 11/5/2018  
 FIELD South Vacuum COUNTY Lea STATE NM  
 CONTRACTOR Joe's Well Ser SUPERVISOR Mickey Horn  
 WORK SUMMARY \_\_\_\_\_

Open well. 0 press.on tbg., 0 press.on csg. RU Capitan Wireline Services. TIH with cement bailer. Spotted cement from 11,660 ft to 11,642 ft. TI with second run with cement bailer. Spotted cement from 11,642 ft. to 11,625 ft. Total of 35 ft. of cement. RD Capitan Wireline. TIH with 3 1/2" X 7" Arrowset IX 10K big bore packer. TIH with 40 jts 3-1/2.tbg. Well started flowing up csg, RU vac truck on csg.,TIH w 10 jts 3-1/2" tbg well started flowing up tbg. RU pump truck on tbg, pumped 40 bbls 10 # brine water down tbg. Circulated up csg . Recovered 15 bbls.of water & oil. Well dead. TIH with 200 jts. 3 1/2" SDFN

NOTE: 35 frac tanks on location. Started filling tanks

**DAILY COSTS:**

ROAD, LOCATIONS & DAMAGES		TULULARS	
RIG COST	3,500	WELLHEAD EQUIPMENT	
EQUIPMENT RENTAL	2000	SUBSURFACE EQUIPMENT	
LOGGING & PERFORATING	3500	ARTIFICIAL LIFT EQUIPMEN	
STIMULATION		SUCKER RODS	
TRUCKING & TRANSPORTATION	1,500	TANKS	
CEMENTING	3500	PRESSURE VESSELS	
COMPLETION FLUIDS		FLOWLINES	
CONTRACT & COMPANY WERVICES		INSTALLATION	
MISCELLANEOUS SUPPLIES		FITINGS, VALVES, ETC.	
ENGR. & SUPERVISION	850	METERS, LACT, ETC.	
OTHER	800	ELECTRICAL EQUIPMENT	
		TOTAL DAILY COST	15,650
		CUMULATIVE COST	111,331

WELL RECORD		
PULLED FROM WELL	EQUIPMENT	RUN IN WELL


# POGO Resources

## Well Servicing, Workover & Completion Record

LEASE South Vacuum WELL NO 22-1 DATE(S) 11/6/2018  
 FIELD South Vacuum COUNTY Lea STATE NM  
 CONTRACTOR Joe's Well Ser SUPERVISOR Mickey Horn

**WORK SUMMARY**

Held 5 min. safety meeting on guard rails

Tbg. 0 pressure, csg. 0 pressure. TIH with 108 jts. 3 1/2" tbg. Set packer at 11,398 ft. Packer 112 ft. above perms.  
 Set packer with 20 points compression RU frac stack on top of BOP. Found 4 bolt holes in top of BOP that were bad. SD 4 hrs. waiting on new BOP. Installed new BOP & frac stack. SDFN

NOTE: Water going into frac tanks

**DAILY COSTS:**

ROAD, LOCATIONS & DAMAGES		TULULARS	
RIG COST	3,500	WELLHEAD EQUIPMENT	
EQUIPMENT RENTAL	3000	SUBSURFACE EQUIPMENT	
LOGGING & PERFORATING		ARTIFICIAL LIFT EQUIPMEN	
STIMULATION		SUCKER RODS	
TRUCKING & TRANSPORTATION		TANKS	
CEMENTING		PRESSURE VESSELS	
COMPLETION FLUIDS		FLOWLINES	
CONTRACT & COMPANY WERVICES		INSTALLATION	
MISCELLANEOUS SUPPLIES	3000	FITINGS, VALVES, ETC.	
ENGR. & SUPERVISION	850	METERS, LACT, ETC.	
OTHER	800	ELECTRICAL EQUIPMENT	
		TOTAL DAILY COST	11,150
		CUMULATIVE COST	122,481

WELL RECORD		
PULLED FROM WELL	EQUIPMENT	RUN IN WELL

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# POGO Resources

## Well Servicing, Workover & Completion Record

LEASE South Vacuum WELL NO 22-1 DATE(S) 11/8/2018  
 FIELD South Vacuum COUNTY Lea STATE NM  
 CONTRACTOR Joe's Well Ser SUPERVISOR Mickey Horn

**WORK SUMMARY**

Held 5 min. safety meeting. Opened tbg. Tbg. on vacuum. RU swab. Tagged fluid level at 3,600 ft.  
 Made 3 swab runs. Fluid level increased to 1,900 ft. Made 23 runs, fluid staying constant at 1,900 ft.  
 Recovered total 77 bbls. of dirty water. SWI. RD & moved off.

NOTE: Frac crew on location at 5 PM rigging up

**DAILY COSTS:**

ROAD, LOCATIONS & DAMAGES		TULULARS	
RIG COST	3,500	WELLHEAD EQUIPMENT	
EQUIPMENT RENTAL	3000	SUBSURFACE EQUIPMENT	
LOGGING & PERFORATING		ARTIFICIAL LIFT EQUIPMENT	
STIMULATION		SUCKER RODS	
TRUCKING & TRANSPORTATION		TANKS	
CEMENTING		PRESSURE VESSELS	
COMPLETION FLUIDS		FLOWLINES	
CONTRACT & COMPANY SERVICES		INSTALLATION	
MISCELLANEOUS SUPPLIES		FITINGS, VALVES, ETC.	
ENGR. & SUPERVISION	850	METERS, LACT, ETC.	
OTHER		ELECTRICAL EQUIPMENT	
		TOTAL DAILY COST	7,350
		CUMULATIVE COST	150,481

WELL RECORD		
PULLED FROM WELL	EQUIPMENT	RUN IN WELL


# POGO Resources

## Well Servicing, Workover & Completion Record

LEASE South Vacuum WELL NO 22-1 DATE(S) 11/9/2018  
 FIELD South Vacuum COUNTY Lea STATE NM  
 CONTRACTOR Joe's Well Ser SUPERVISOR Mickey Horn

**WORK SUMMARY**

Held 5 min, safety meeting.  
 MIRU Quasar Frac Crews. Loaded & pressure tested csg. to 500 lbs. Tested good. Pressure tested lines. to 9,000 lbs.  
 Tested good. Started pumping down tbg. at 15 bbls.per minute. Increase rate to 25 bbls.per minute. Pressure  
 increased to 7,100 lbs. Tbg. communicated to csg. Csg. pressure increased from 500 lbs. to 2,000 lbs. SD.  
 Bled csg. to 200 lbs. Pressure bled off to 2,100 lbs. on tbg. Bled csg. back to pump truck. Tbg. & csg. equalized.  
 SWI. Tbg. pressure 0, csg. pressure 80 lbs. RDMO Quasar Frac crew.

**DAILY COSTS:**

ROAD, LOCATIONS & DAMAGES		TULULARS	
RIG COST		WELLHEAD EQUIPMENT	
EQUIPMENT RENTAL	3000	SUBSURFACE EQUIPMENT	
LOGGING & PERFORATING		ARTIFICIAL LIFT EQUIPMEN	
STIMULATION	25000	SUCKER RODS	
TRUCKING & TRANSPORTATION	2,000	TANKS	
CEMENTING		PRESSURE VESSELS	
COMPLETION FLUIDS		FLOWLINES	
CONTRACT & COMPANY WERVICES		INSTALLATION	
MISCELLANEOUS SUPPLIES		FITINGS, VALVES, ETC.	
ENGR. & SUPERVISION	2,500	METERS, LACT, ETC.	
OTHER	850	ELECTRICAL EQUIPMENT	
		TOTAL DAILY COST	30,651
		CUMULATIVE COST	181,132

WELL RECORD		
PULLED FROM WELL	EQUIPMENT	RUN IN WELL

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# POGO Resources

## Well Servicing, Workover & Completion Record

LEASE South Vacuum WELL NO 22-1 DATE(S) 11/12/2018  
 FIELD South Vacuum COUNTY Lea STATE NM  
 CONTRACTOR Joe's Well Ser SUPERVISOR Mickey Horn

WORK SUMMARY \_\_\_\_\_

11/10/2018 Well SI for weekend

11/11/2018 Well SI for weekend

Held 5 min. safety min. on dangers of cold & slippery iron surfaces.

MIRU Joe's Well Service. ND frac stack. Open BOP. Released packer. TOOH with 120 jts. 3 1/2" tbg.

SD early due to cold windy weather. SDFN

**DAILY COSTS:**

ROAD, LOCATIONS & DAMAGES		TULULARS	
RIG COST	3,500	WELLHEAD EQUIPMENT	
EQUIPMENT RENTAL	9000	SUBSURFACE EQUIPMENT	
LOGGING & PERFORATING		ARTIFICIAL LIFT EQUIPMEN	
STIMULATION		SUCKER RODS	
TRUCKING & TRANSPORTATION		TANKS	
CEMENTING		PRESSURE VESSELS	
COMPLETION FLUIDS		FLOWLINES	
CONTRACT & COMPANY WERVICES		INSTALLATION	
MISCELLANEOUS SUPPLIES		FITINGS, VALVES, ETC.	
ENGR. & SUPERVISION	850	METERS, LACT, ETC.	
OTHER	800	ELECTRICAL EQUIPMENT	
		TOTAL DAILY COST	14,150
		CUMULATIVE COST	195,282

WELL RECORD		
PULLED FROM WELL	EQUIPMENT	RUN IN WELL

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# POGO Resources

## Well Servicing, Workover & Completion Record

LEASE South Vacuum WELL NO 22-1 DATE(S) 11/13/2018  
 FIELD South Vacuum COUNTY Lea STATE NM  
 CONTRACTOR Joe's Well Ser SUPERVISOR Mickey Horn

**WORK SUMMARY**

Held 5 min. safety meeting.

Open BOP. Tbg. 0 psi, csg. 0 psi. TOOH with tbg. & packer. Found top of packer mandrel split in 2 places.

SWI. SDFN

**DAILY COSTS:**

ROAD, LOCATIONS & DAMAGES		TULULARS	
RIG COST	2,100	WELLHEAD EQUIPMENT	
EQUIPMENT RENTAL	3000	SUBSURFACE EQUIPMENT	
LOGGING & PERFORATING		ARTIFICIAL LIFT EQUIPMEN	
STIMULATION		SUCKER RODS	
TRUCKING & TRANSPORTATION		TANKS	
CEMENTING		PRESSURE VESSELS	
COMPLETION FLUIDS		FLOWLINES	
CONTRACT & COMPANY WERVICES		INSTALLATION	
MISCELLANEOUS SUPPLIES		FITINGS, VALVES, ETC.	
ENGR. & SUPERVISION	850	METERS, LACT, ETC.	
OTHER	800	ELECTRICAL EQUIPMENT	
		TOTAL DAILY COST	6,750
		CUMULATIVE COST	202,032

WELL RECORD		
PULLED FROM WELL	EQUIPMENT	RUN IN WELL

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# POGO Resources

## Well Servicing, Workover & Completion Record

LEASE South Vacuum WELL NO 22-1 DATE(S) 11/19/2018  
 FIELD South Vacuum COUNTY Lea STATE NM  
 CONTRACTOR Joe's Well Ser SUPERVISOR Mickey Horn

**WORK SUMMARY**

11/15/2018 SD Waiting on frac crew

11/16/2018 SD Waiting on frac crew

11/17/2018 RU frac crew. Fracked well

11/19/2018 MIRU Joe's Well Service. Tbg. psi 0, csg. psi 300. Bled csg to vac truck for 30 min. 0 psi on csg.

ND flowback crew, ND frac stack, & NU BOP. Released packer, laid down 4 jts. 3 1/2" tbg. SDFN

**DAILY COSTS:**

ROAD, LOCATIONS & DAMAGES		TULULARS	
RIG COST	3,500	WELLHEAD EQUIPMENT	
EQUIPMENT RENTAL	9000	SUBSURFACE EQUIPMENT	
LOGGING & PERFORATING		ARTIFICIAL LIFT EQUIPMENT	
STIMULATION	110000	SUCKER RODS	
TRUCKING & TRANSPORTATION	1,500	TANKS	
CEMENTING		PRESSURE VESSELS	
COMPLETION FLUIDS		FLOWLINES	
CONTRACT & COMPANY SERVICES	2000	INSTALLATION	
MISCELLANEOUS SUPPLIES		FITINGS, VALVES, ETC.	
ENGR. & SUPERVISION	850	METERS, LACT, ETC.	
OTHER	2,500	ELECTRICAL EQUIPMENT	
		TOTAL DAILY COST	129,350
		CUMULATIVE COST	349,532

WELL RECORD		
PULLED FROM WELL	EQUIPMENT	RUN IN WELL


# POGO Resources

## Well Servicing, Workover & Completion Record

LEASE South Vacuum WELL NO 22-1 DATE(S) 11/20/2018  
 FIELD South Vacuum COUNTY Lea STATE NM  
 CONTRACTOR Joe's Well Ser SUPERVISOR Mickey Horn

**WORK SUMMARY**

Held 5 min. safety meeting on new equip.

Open well. Tbg. psi 0, csg. psi 10 lbs.. TOOH laying down 3 1/2" tbg. & 3 1/2" X 7" Arrowset 1X packer.

Changed slips, elevators & tongs from 3 1/2" to 2 7/8". Changed rams in BOP from 3 1/2" to 2 7/8". SWI. SDFN

**DAILY COSTS:**

ROAD, LOCATIONS & DAMAGES		TULULARS	
RIG COST	3,500	WELLHEAD EQUIPMENT	
EQUIPMENT RENTAL	1000	SUBSURFACE EQUIPMENT	
LOGGING & PERFORATING		ARTIFICIAL LIFT EQUIPMENT	
STIMULATION		SUCKER RODS	
TRUCKING & TRANSPORTATION	2,000	TANKS	
CEMENTING		PRESSURE VESSELS	
COMPLETION FLUIDS		FLOWLINES	
CONTRACT & COMPANY SERVICES		INSTALLATION	
MISCELLANEOUS SUPPLIES		FITINGS, VALVES, ETC.	
ENGR. & SUPERVISION	850	METERS, LACT, ETC.	
OTHER		ELECTRICAL EQUIPMENT	
		TOTAL DAILY COST	7,350
		CUMULATIVE COST	356,882

WELL RECORD		
PULLED FROM WELL	EQUIPMENT	RUN IN WELL

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# POGO Resources

## Well Servicing, Workover & Completion Record

LEASE South Vacuum WELL NO 22-1 DATE(S) 11/21/2018  
 FIELD South Vacuum COUNTY Lea STATE NM  
 CONTRACTOR Joe's Well Ser SUPERVISOR Mickey Horn

**WORK SUMMARY**

Held 5 min. safety meeting

Loaded 3 trucks with 3 1/2" rental tbg. Unloaded 2 trucks of 2 7/8" L-80 tbg. After inspecting 2 7/8" tbg found tbg collars to be filled with dirt & pipe dope. Could not get 2 7/8" drift to go into 2 7/8" tbg. After consulting with Merch & contacting KC Pipe LP it was decided that we could clean & drift the pipe on location & KC Pipe would cover all costs incurred. RD pulling unit & moved to prepare location for pumping unit . SDFN

**DAILY COSTS:**

ROAD, LOCATIONS & DAMAGES		TULULARS	
RIG COST	2,500	WELLHEAD EQUIPMENT	
EQUIPMENT RENTAL	1000	SUBSURFACE EQUIPMENT	
LOGGING & PERFORATING		ARTIFICIAL LIFT EQUIPMEN	
STIMULATION		SUCKER RODS	
TRUCKING & TRANSPORTATION	6,000	TANKS	
CEMENTING		PRESSURE VESSELS	
COMPLETION FLUIDS		FLOWLINES	
CONTRACT & COMPANY WERVICES		INSTALLATION	
MISCELLANEOUS SUPPLIES		FITINGS, VALVES, ETC.	
ENGR. & SUPERVISION	850	METERS, LACT, ETC.	
OTHER		ELECTRICAL EQUIPMENT	
		TOTAL DAILY COST	10,350
		CUMULATIVE COST	367,232

WELL RECORD		
PULLED FROM WELL	EQUIPMENT	RUN IN WELL


# POGO Resources

## Well Servicing, Workover & Completion Record

LEASE South Vacuum WELL NO 22-1 DATE(S) 11/26/2018  
 FIELD South Vacuum COUNTY Lea STATE NM  
 CONTRACTOR Joe's Well Ser SUPERVISOR Mickey Horn

**WORK SUMMARY**

11/22/2018 SD for holiday

11/23/2018 SD for holiday

11/24/2018 SD for holiday

11/25/2018 SD for holiday

Held 5 min. safety meeting

Cleaned & washed all 2 7/8 boxes. Drifted all 2 7/8 tbg, found 13 jts of 2 7/8 tbg unable to drift. MI & unloaded 912 pumping unit. SDFN

**DAILY COSTS:**

ROAD, LOCATIONS & DAMAGES		TULULARS	
RIG COST	3,500	WELLHEAD EQUIPMENT	
EQUIPMENT RENTAL	1000	SUBSURFACE EQUIPMENT	
LOGGING & PERFORATING		ARTIFICIAL LIFT EQUIPMENT	
STIMULATION		SUCKER RODS	
TRUCKING & TRANSPORTATION	1,500	TANKS	
CEMENTING		PRESSURE VESSELS	
COMPLETION FLUIDS		FLOWLINES	
CONTRACT & COMPANY SERVICES		INSTALLATION	
MISCELLANEOUS SUPPLIES		FITINGS, VALVES, ETC.	
ENGR. & SUPERVISION	850	METERS, LACT, ETC.	
OTHER		ELECTRICAL EQUIPMENT	
		TOTAL DAILY COST	6,850
		CUMULATIVE COST	374,082

WELL RECORD		
PULLED FROM WELL	EQUIPMENT	RUN IN WELL

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## POGO Resources

### Well Servicing, Workover & Completion Record

LEASE South Vacuum WELL NO 22-1 DATE(S) 11/27/2018  
 FIELD South Vacuum COUNTY Lea STATE NM  
 CONTRACTOR Joe's Well Ser SUPERVISOR Mickey Horn  
 WORK SUMMARY \_\_\_\_\_

Held 5 min. safety meeting with working with overhead equipment

Continued installing 912-305-192 Century pumping unit. RU Joe's Well Service. TIH with 195 jts 2 7/8 tbg  
 SDFN

**DAILY COSTS:**

ROAD, LOCATIONS & DAMAGES		TULULARS	
RIG COST	3,500	WELLHEAD EQUIPMENT	
EQUIPMENT RENTAL	1500	ARTIFICIAL LIFT EQUIPMENT	
LOGGING & PERFORATING		SUCKER RODS	
STIMULATION		TANKS	
Trucking pumping unit pump[ng	6,500	PRESSURE VESSELS	
CEMENTING		FLOWLINES	
COMPLETION FLUIDS		INSTALLATION	
CONTRACT & COMPANY SERVICES		FITINGS, VALVES, ETC.	
MISCELLANEOUS SUPPLIES		METERS, LACT, ETC.	
ENGR. & SUPERVISION	850	ELECTRICAL EQUIPMENT	
OTHER		TOTAL DAILY COST	12,350
		CUMULATIVE COST	386,432

WELL RECORD		
PULLED FROM WELL	EQUIPMENT	RUN IN WELL

# POGO Resources

## Well Servicing, Workover & Completion Record

LEASE South Vacuum WELL NO 22-1 DATE(S) 11/28/2018  
 FIELD South Vacuum COUNTY Lea STATE NM  
 CONTRACTOR Joe's Well Ser SUPERVISOR Mickey Horn

**WORK SUMMARY**

Held 5 min. safety meeting

TIH with 53 jts 2 7/8 L-80 tbg. ND BOP. Set TAC with 14 K tension. TIH with 25-200-RBC-26-4 pump,  
 12-1 1/2 K-bars, 87 3/4 rods, 115 7/8 rods, 111 1" rods, 1 1/2 x 26 polish rods. SDFN

2 7/8 bull plug	0.6"
2 - 2 7/8 mud anchors	62.25
2 7/8 x 4 ft. perforated sub	4 ft
2 7/8 S N	1.10
4 jts 2 7/8 tbg	127.60
2 7/8 x 7" TAC	3.5
248 jts. 2 7/8 tbg	7911.20
<b>TOTAL</b>	<b>8110.25</b>

**DAILY COSTS:**

DAILY COSTS:		TULULARS	
ROAD, LOCATIONS & DAMAGES		WELLHEAD EQUIPMENT	
RIG COST	3,500	SUBSURFACE EQUIPMENT	
EQUIPMENT RENTAL	150	ARTIFICIAL LIFT EQUIPMENT	
LOGGING & PERFORATING		SUCKER RODS	
rods & pumping unit	5000	TANKS	
TRUCKING & TRANSPORTATION		PRESSURE VESSELS	
CEMENTING		FLOWLINES	
COMPLETION FLUIDS		INSTALLATION	
CONTRACT & COMPANY SERVICES		FITINGS, VALVES, ETC.	
MISCELLANEOUS SUPPLIES		METERS, LACT, ETC.	
ENGR. & SUPERVISION	850	ELECTRICAL EQUIPMENT	
OTHER		TOTAL DAILY COST	9,500
		CUMULATIVE COST	395,932

WELL RECORD		
PULLED FROM WELL	EQUIPMENT	RUN IN WELL

# POGO Resources

## Well Servicing, Workover & Completion Record

LEASE South Vacuum WELL NO 22-1 DATE(S) 11/29/2018  
 FIELD South Vacuum COUNTY Lea STATE NM  
 CONTRACTOR Joe's Well Ser SUPERVISOR Mickey Horn

**WORK SUMMARY**

Held 5 min. safety meeting

Spaced out rods & pump, added 2 - 1 X 6 ft. pony rods & 1 - 2 X 1 pony rod, 1 - 1 1/2 X 26 ft. polish rod.

SD 3 hrs. while electricians installed transformers. Turned well on. Well pumped up in 5 min. Switched well to tank battery. Left well on production. SDFN.

**DAILY COSTS:**

ROAD, LOCATIONS & DAMAGES

RIG COST

3,000

EQUIPMENT RENTAL

1500

LOGGING & PERFORATING

STIMULATION

TRUCKING & TRANSPORTATION

CEMENTING

COMPLETION FLUIDS

CONTRACT & COMPANY SERVICES

MISCELLANEOUS SUPPLIES

ENGR. & SUPERVISION

850

OTHER spooler

TULULARS

WELLHEAD EQUIPMENT

SUBSURFACE EQUIPMENT

ARTIFICIAL LIFT EQUIPMENT

SUCKER RODS

TANKS

PRESSURE VESSELS

FLOWLINES

INSTALLATION

FITINGS, VALVES, ETC.

METERS, LACT, ETC.

ELECTRICAL EQUIPMENT

2500

TOTAL DAILY COST

7,850

CUMULATIVE COST

403,782

**WELL RECORD**

PULLED FROM WELL

EQUIPMENT

RUN IN WELL

















## Daily Completion - Workover Report

<b>Well Name:</b>	<u>SVU 221</u>	<b>Date:</b>	
<b>Field:</b>	<u>POGO</u>	<b>Safety Mtg:</b>	
<b>AFE No:</b>	<u>0</u>	<b>AFE Amount:</b>	<u>\$ -</u>
<b>Purpose:</b>	<u>PULL ESP</u>	<b>WI %</b>	
<b>Rig Contractor:</b>	<u>Joe's Roustabout &amp; Well Servicing</u>	<b>Operator:</b>	<u>Juan</u>
<b>Present Operation:</b>	<u>PUMP STUCK FREE POINT</u>	<b>Pusher:</b>	
<b>Comp Days:</b>		<b>Workover Days:</b>	<u>1</u>
<b>Original PBTD:</b>		<b>New PBTD:</b>	
<b>Orig. Open Perfs:</b>		<b>Well Test Date:</b>	
<b>New Perfs:</b>		<b>BOPD:</b>	
		<b>BWPD:</b>	
		<b>MCFPD:</b>	
<b>Daily Costs:</b>	<u>\$ 4,527.00</u>	<b>Prior Cum Cost:</b>	

<b>CUM COST</b>
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**Activity:**

Drove to location held 5 in safety meeting open BOP, ESP was stuck worked the stuck pump and parted L-80 tubing approx. 60" below surface. Left 60' #4 flat cable above the fish top and approx 1ft of tubing above collar. Neck down to 2" ID at the part. Fished cable to approx 52 ft TIH with overshot latched onto fish @ 60 ft from surface, changed BOP rams from ESP to reg tub rams SDFTN.

Expense Breakdov
Bits
BOP Rental
Cementing
Chemical - Jacam
Coil Unit
Consultant
Downhole Pump
Downhole Rentals
Drill Motor
Flowback
Forklift
Hot Oiler
Hot Shot
Kill Truck
N-UP SERVICE
PKR Service
Pumping Unit
Reverse Unit
Rods
Roustabout
Stimulation
Surface Rentals
Tbg Testing
Trucking
Tubing
Vac. Truck
Well Equip.
Wellhead
Wireline Service
WO Fluids
Workover Rig
Swab Cups
Oil Saver Rubbers
H2S Equipment
Swab Unit
Operator
Helper
Misc.
<b>DAILY TOTAL</b>

<b>Total Load (bbls):</b> _____	<b>Swab (hrs):</b> _____
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## Daily Completion - Workover Report

**Well Name:** SVU 221  
**Field:** POGO  
**AFE No:** 0 **AFE Amount:** \$ -  
**Purpose:** fish stuck pump/tbg  
**Rig Contractor:** Joe's Roustabout & Well Servicing **Operator:** Juan  
**Present Operation:** \_\_\_\_\_  
**Comp Days:** \_\_\_\_\_ **Workover Days:** \_\_\_\_\_  
**Original PBTB:** \_\_\_\_\_ **New PBTB:** \_\_\_\_\_  
**Orig. Open Perfs:** \_\_\_\_\_  
**New Perfs:** \_\_\_\_\_

**Date:** 2-15-19  
**Safety Mtg:** \_\_\_\_\_  
**WI %:** \_\_\_\_\_

**Daily Costs:** \$ 29,000.00 **Prior Cum Cost:** \$22,327.00

**Cum Cost**

**Activity:**  
 AOL 6:30 am. TP & CP 0#. Trip in with second 1" split shot. Fire at same coupling at 7310'. Parted this time. Wait on spooler. Pull out of hole with tubing and cable. Some bent tubing. Coupling parted very close to cut. Fish top should be clean but split. SDFN. Will run 2 1/16" on 2 7/8 prod tubing Monday.

Expense Breakdown
Bits
BOP Rental
Cementing
Chemical - Jacam
Coil Unit
Consultant
Downhole Pump
Downhole Rentals
Drill Motor
Flowback
Forklift
Hot Oilier
Hot Shot
Kill Truck
N-UP SERVICE
PKR Service
Pumping Unit
Reverse Unit
Rentals
Roustabout
Spooler
Surface Rentals
Tbg Testing
Trucking
Tubing
Vac. Truck
Well Equip.
Wellhead
Wireline Service
WO Fluids
Workover Rig
swab cups
swab rig
BRIDLE
Misc.
<b>DAILY TOTAL</b>

**Total Load (bbls):** \_\_\_\_\_

**Swab (hrs):** \_\_\_\_\_











## Daily Completion - Workover Report

<b>Well Name:</b>	<u>SVU 221</u>	<b>Date:</b>	<u>2-25-19</u>
<b>Field:</b>	<u>POGO</u>	<b>Safety Mtg:</b>	
<b>AFE No:</b>	<u>0</u>	<b>AFE Amount:</b>	<u>\$ -</u>
<b>Purpose:</b>	<u>fish stuck pump/tbg</u>		
<b>Rig Contractor:</b>	<u>Joe's Roustabout &amp; Well Servicing</u>	<b>Operator:</b>	<u>Juan</u>
<b>Present Operation:</b>		<b>Pusher:</b>	
<b>Comp Days:</b>		<b>Workover Days:</b>	
<b>Original PBTD:</b>		<b>New PBTD:</b>	
<b>Orig. Open Perfs:</b>		<b>Well Test Date:</b>	
<b>New Perfs:</b>		<b>BOPD:</b>	
		<b>BWPD:</b>	
		<b>MCFPD:</b>	
<b>Daily Costs:</b>	<u>\$ 159,100.00</u>	<b>Prior Cum Cost:</b>	<u>\$112,862.00</u>
		<b>Cum Cost</b>	

**Activity:**

A.O.L 6:30 a.m. 5 min safety meeting. Make up spear assembly. Trip in hole with spear on prod tubing. Latch into fish @ 9540'. Work loose, gain 8 +/- points. Pull out of hole. Lay down 107 joints of tubing that was brought in for workstring. Stand back to fish. Lay down tools and 33 1/2 joints of fish with cable. SDFN.  
 Plan 2/26: TIH w/ prod tubing. TOH laying down. Release all equipment.  
 P.S.

**Expense Breakdown:**

Bits
BOP Rental
Cementing
Chemical - Jacam
Coil Unit
Consultant
Downhole Pump
Downhole Rentals
Drill Motor
Flowback
Forklift
Hot Oilier
Hot Shot
Kill Truck
N-UP SERVICE
PKR Service
Pipe Trailer
Reverse Unit
Rentals
Roustabout
Spooler
Surface Rentals
Tbg Testing
Trucking
Tubing 2 7/8" Yellow
Vac. Truck
Well Equip.
Wellhead
Wireline Service
WO Fluids
Workover Rig
swab cups
swab rig
Est cost of ESP Lost
Misc.
<b>DAILY TOTAL</b>

**Total Load (bbls):** \_\_\_\_\_

**Swab (hrs):** \_\_\_\_\_