

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NM OIL CONS COMMISSION
Drawer JD
Artesia, NM 88006 APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill, or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT--" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Presidio Oil Company

Christine Pickart

Phone: (303) 850-1824

3. Address and Telephone No.

5613 DTC Parkway, Ste 750, P.O. Box 6525, Englewood, CO 80155-6525

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

407' FNL & 660' FWL, Lot 4

Section 1-T21S-R27E

5. Lease Designation and Serial No.
NM 46275

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Burton Flat B Federal No. 2

9. API Well No.

30-015-24702

10. Field and Pool, or Exploratory Area

Avalon Bone Springs East

11. County or Parish, State

Eddy County, NM

12. CHECK 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"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input checked="" type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input checked="" type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other:
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form).

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work.

If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markets and zones pertinent to this work.)*

See Attached Chronological Workover Reports

RECEIVED

FEB - 9 1995

7 3

14. I hereby certify that the foregoing is true and correct

Signed: D. Steven Tipton, P.E. Title: Operations Manager
Mid-Continent & Gulf Coast

Date: January 3, 1995

(This space for Federal or State office use)

Approved by: _____ Title: _____ Date: _____

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes 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.

*** See Instructions on Reverse Side**

CHRONOLOGICAL DAILY REPORT

NEW MEXICO - MAINTENANCE

Avalon Bone Spring

BURTON FLAT FED B-2

Sec 1, T21S, R27E Eddy Co., NM

AFE: NM-94-W104

Gross AFE Cost: \$75,000

Operator: Presidio Exploration, Inc. WI: 1.00 NRI: .82937875

Job type: Recomplete in the Bone Spring through perfs @ 5430-50' & test. IF productive, stimulate & complete. If non productive, set plug & perforate 5306-5322' & test. Fracture stimulate & complete.

- 10/26/94 **FIRST REPORT.** MIRU; load tbg w/50 Bbls field prod wtr & 10 Bbls down tbg; remove tree (plunger left head); nU 6" 3M double BOP w/2-3/8" rams on btm; no string wt when we PU on tbg; tbg parted 5 jts below surf; split collar; MU 2-3/8" collar & TOO; screen into tbg (string had dropped 190' to btm); PU 6 jts tbg to get on to fish; work tbg anchor free; LD 2-3/8" tbg string (cork screwed back) 174 jts - no tally; move 2-3/8" tbg off rack & replace w/117 jts 2-7/8" 6.5# N-80 8rd & SIH w/5/8" csg scraper & 4-3/4" bit; SDFN w/scraper @ 310'.
DC: \$2,635 CC: \$2,635
- 10/27/94 PU & run 180 jts 2-7/8" 6.5# N80 8rd tbg w/bit & csg scraper; pump 45 Bbls 231°F wtr down 1st 3560' of tbg to clean; paraffin out of tbg; hole will not circ; TOO; LD bit; RU WSI W/L truck & pack off; run Gr/CBL/CCL fr/5600 to 3700'; top of fluid - run gauge ring IH to 5550 & run & set on AIF; 4.85 CIBP @ 5500'; fill hole w/production wtr & finish logging fr/3700-2500'; very good cmt bond; pump 80' on top of CIBP; PBTD 5480'; run 4" csg gun & perf thru Bone Spring @ 5430'; 5450' w/8 JSPF - no surface press. RD & release W/L truck. 8 pm SDFN w/tbg on bank; will SIH w/pkr @ 7 am; rec'd 1017' 2-7/8" 6.5# N80 8rd fr/Double "R" pipe @ \$2.25/ft; transferred 32 jts = 998.45' of 2-7/8" 6.5# N80 fr/the B-1 to the B-2; rent 300' 2-7/8" 6.5# N-80 tbg.
DC: \$12,202 CC: \$14,837
- 10/28/94 MU 5/8" Mod "R" pkr 2.25" SN & TIH w/174 jts 2-7/8" tbg - 5344.49'; set pkr @ 5358 w/10,000# down; SN @ 5357'; remove BOP; NU try; install new 2-7/8" 5M# tbg valve; swab tbg volume down to SN @ 5357'; 31 Bbls no oil/gas; RU Dowell & acidize the Bone Springs @ 5430-5450' w/1500 gal 15% HCL - max TP 3500 & broke back to 2100 psi @ 6 BPM w/acid on perfs; avg press 2780#, avg rate 5.3 BPM; flush to btm, perf w/33 Bbls 2% KCL wtr; ISI 2000#; 5 min 1850#; 10 min 1800#; 15 min 1790#; 60 min 1160#; let acid set on formation 1 hr; flowed back 10 BLW in 1/2 min & died; made 8 swab runs; 1st run FL @ surf; swabbed fluid down to SN in 6 runs; rec'd 42 BLW; last 2 runs no recovery; FL @ 5200'; no gas or oil shows. SDFN w/FL @ 5600'.
DC: \$7,021 CC: \$21,858
- 10/29/94 7 am SITP 100 psi; FL 3400-850'; swb back LW; 1st run FL @ SN 5356'; rec 5 Bbls heavy acid gas cut wtr; no oil cut; 2nd run FL @ 5200'; no rec; making 1 swb run/hr rec'g 1/4 - 1/2 bbls/run; total 7 swb runs; FL staying @ 5100-5200'; tr gas behind each run - tr oil; total load rec 58 Bbls; 12 Bbls in formation & csg below pkr; remove wellhead; NU 6" BOP w/2-7/8" rams on btm; rel pkr; RU floor & prep to TOH w/pkr & PB.
DC: \$1,770 CC: \$59,654

CHRONOLOGICAL DAILY REPORT

NEW MEXICO - MAINTENANCE

Avalon Bone Spring

BURTON FLAT FED B-2 Sec 1, T21S, R27E Eddy Co., NM

AFE: NM-94-W104 Gross AFE Cost: \$75,000

Operator: Presidio Exploration, Inc. WI: 1.00 NRI: .82937875

Job type: Recomplete in the Bone Spring through perf's @ 5430-50' & test. IF productive, stimulate & complete. If non productive, set plug & perforate 5306-5322' & test. Fracture stimulate & complete.

- 10/30/94 TOH w/pkr & tbg - 174 jts; RU WSI W/L trk; set 4.25 AIF2 CIBP @ 5400' w/20' cmt on top; PBTB 5380'; perf the Upper Bonesprings @ 5306-5322' w/4" csg gun & 8 JSPF; no surf press; TIH w/5½" Mod "R", 2.25 SN; 168 jts 2-7/8" 1.5# N80 8rd tbg - 5191.32' (LD 6 jts tbg); set pkr @ 5204'; SN @ 5203'; remove BOP & NU wellhead; swb tbg down to SN @ 5203' w/7 swb runs; last 3 runs FL staying @ 5100-5200'; no rec. Rec 70 BTLW. SDFN; acidize in AM.
- 10/31/94 SITP 14#, FL 5100', no entry; made 1 swb run to SN @ 5203'; FL 5100'; RU Dowell & acidize the Bonesprings @ 5306-5322' w/3500 gal 7½% MSI100 flush w/33 Bbls 2% KCL; MTP 2200 psi @ 3 BPM; broke back to 1630 psi; incr rate to 6 BPM; TP 1950, start flush TP 1200 psi; final 1900 psi, avg 1950 psi; avg rate 5 BPM; ISI 930#, 5, 10 & 15 min 850#. Total load 116 Bbls; last acid work on formation; open well to pit on full open 2" valve; TP 300#; flow back 1/4 BLW; swab FL down to SN @ 5,003' in 4 runs. Run #5 & #7 FL 5000'; pull fr/SN; run #6 & #8 5100' - pull fr/SN; no shows. SDFN. Total rec 30 BLW.
DC: \$10,188 CC: \$57,884
- 11/01/94 6:30 am 13 hr SITP 0, FL 4400'; open well to pit; had a 3-5' flare - 1st swa run rec 3 BW & tr of oil; pull from SN @ 5203'; making 1 swb run/hr; FL staying @ 5000'; 2-3' flare between swab runs recovering 1/4 BW/run; total swab to day = 11; daily rec 10 BAW; 3% oil cut; 76 BLTR. SDFN w/FL @ 5000'.
DC: \$2,115 CC: \$52,141
- 11/02/94 PO: SI Description of operations last 24 hrs: 7 am 13 hr SITP 25#. Made 1 swb run fr/SN @ 5203'; rec 2 BLW; 39 BO; RU Dowell Frac Equip; frac the Bone Springs fr/6306-5322'; w/238 YF135 & 117,300# 16/30 sand; displace w/32 bbls slick wtr (2% KCL) - hold 675 psi on csg; max pump press 2721 psi w/pad on formation @ 15 BPM; Final pump press 2019 psi @ 15 BPM; avg 2500 psi @ 15 BPM; ISIP 1100#; 5 min 989#; 10 min 952#; 25 min 939#. Left well SI; will start flowback 11/3/94.
DC: \$44,157 CC: \$98,298

CHRONOLOGICAL DAILY REPORT

NEW MEXICO - MAINTENANCE

Avalon Bone Spring

BURTON FLAT FED B-2

Sec 1, T21S, R27E Eddy Co., NM

AFE: NM-94-W104

Gross AFE Cost: \$75,000

Operator: Presidio Exploration, Inc. WI: 1.00 NRI: .85405091

Job type: Recomplete in the Bone Spring through perf's @ 5430-50' & test. IF productive, stimulate & complete. If non productive, set plug & perforate 5306-5322' & test. Fracture stimulate & complete.

11/03/94

PO: Prep to swab. Description of operations last 24 hrs: 6:30 am 20 hr SITP 800 psi. 7 am flow back Bone Springs; frac total load 870 Bbls; open well to pit on 11/64" adjustable ck.

7:30 am	FTP 725 psi	ck 11/64	recovery - gelled KCL water
8:30 am	FTP 645 psi	ck 11/64	
9:30 am	FTP 500 psi	ck 11/64	
10:30 am	FTP 450 psi	ck 11/64	sand plugging choke
11:30 am	FTP 350 psi	ck 12/64	load rec 120 bbls @ 30 BPM
12:30 pm	FTP 300 psi	ck 12/64	
1:30 pm	FTP 250 psi	ck 12/64	
2:30 pm	FTP 150 psi	ck 12/64	
3:30 pm	FTP 50 psi	ck 19/64	flow down to 1" stream
4:30 pm	FTP 0 psi	ck 19/64	
5:30 pm	FTP 0 psi	ck 19/64	cum load rec 220 bbls
6:30 pm	no returns - well dead.		
DC: \$1,813	CC: \$100,111		

11/04/94

PO: Swab Back Load Water. Description of operations last 24 hrs: 7 am FTP 0, ck full open; well flowing 1/2" stream load water; made 35 swab runs; 1st run FL @ surf; pulling fr/1000' - having trouble w/frac sand on 12 runs & clean up; run #13 - #26 FL staying @ 1000-1200'; pulling fr/2700'; rec 170 BLW; scattered gas - no oil; run #27-35 FL staying @ 1300'; pulling fr/3100'; recovering slightly gas cut LW - no oil cut. SDFN; FL @ 1300'.
DC: \$2,339 CC: \$102,450

11/05/94

@ 7-11 am, made 11 swb runs; FL started @ 500'; pulled down to 1300'; recovered 125 bbls; test 4 runs - 2-3% oil cut; gas cut frac wtr; (raining hard); cut off 1500' bad sand line; pore rope socket; made 12 swab runs; FL started @ 1000'; pulled down to 6000'; getting under 2000' of fl/run; 4-6' gas flare while pulling fluid & disc @ end of run 2-3% oil cut; 5:30 pm SDFN w/FL @ 2000'.
DC: \$2,120 CC: \$104,570

11/06/94

Made 20 swb runs; 1st run FL 900'; pulled fr/2000' - top sample 5% oil cut; btm sample; tr of oil; slightly gas cut LW; run #20 FL 2100'; pulling gas cut formation wtr; 5-6' flare while pulling & dying @ end of run to 1-2' total daily @ 1:30 pm, 210 BW = 118 bbls over load; made 10 swb runs; started w/FL @ 2100'; run #23 - oil cut 5% cond; gas incr FL to 2700' @ 1:00 pm & 2900' @ 5:00 pm; recovering heavy gas cut formation wtr; 3-5' oil cut cond; swabbing into test tank; made 7 BO & 53 BW @ 1:30 pm; 5:30 pm 3 1/2 hrs 2 BOPH + 15 BWPH + gas. 5:30 pm SD until 11/7/94 w/FL @ 2900'.
DC: \$2,620 CC: \$107,190

11/7/94

SDF Sunday.

CHRONOLOGICAL DAILY REPORT

NEW MEXICO - MAINTENANCE

Avalon Bone Spring

BURTON FLAT FED B-2

Sec 1, T21S, R27E Eddy Co., NM

AFE: NM-94-W104

Gross AFE Cost: \$75,000

Operator: Presidio Exploration, Inc. WI: 1.00 NRI: .85405091

Job type: Recomplete in the Bone Spring through perf's @ 5430-50' & test. IF productive, stimulate & complete. If non productive, set plug & perforate 5306-5322' & test. Fracture stimulate & complete.

- 11/08/94 Made 38 swab runs; FL started @ 1200'; getting under 1500' fl/run; oil cut on 1st run 40%; oil cut after 1st run 10-15%; last swab run FL 3000'; remove wellhead; install 6" 3M BOP w/2-7/8" rams on btm; RU floor & power tongs; prepare to TOH w/pkr; SDFN; ready to TOH w/pkr.
DC: \$2,550 CC: \$109,740
- 11/09/94 7 am 13 hr SITP 45 si; run pkr down hole; tbg frac sand @ 5320'; TOH & LD pkr; TBIH w/open ended tbg; tag up @ 5320'; RU pump truck & reverse circ frac sand out of rat hole fr/5320 - PBTD @ 5380'; ID 4 jts tbg; TOH; MU 2-7/8" mud anchor w/bull plug; 8' perf'd pup jt; 2.25 ID SN; 2 jts 2-7/8" tbg; 2-7/8" x 5 1/2" Eloer TAC 40K shear & TBIH w/170 jts 2-3/8"; set TAC @ 5223' & SN @ 5304'; remove BOP & MU wellhead; string wt 30,000#; set TAC in tension - 13,000# up on it; SDFN w/tbg string IH; ready to run rod pump.
DC: \$5,895 CC: \$115,635
- 11/10/94 PU rod pump; 2 1/2" x 1-3/4" x 20 x 24 BHBC - #PG-02; 7/8" pin; 107" stroke; Gac 1 1/2"; fishing neck 1-3/8; double valve; ball & seat N/C; 5' plunger; barrel R/C & 8' x 1 1/2" gas anchor; 2' x 7/8" pony rod; 7/8" shear box on top of pump; RIH w/102 - 7/8" R-63 steel rods 2550' slim hole boxes; 72 - 7/8" fiberglass rods - 2726'; slim hole boxes 26' polish rods; space out & hang rod string on clamp; can not have rods on pump jack until repairs are finished; RELEASE RIG @ 1:30 PM, 11/9/94; rebuild base for engine & replace brake parts; turn well over to production - ready to go on line.
DC: \$3,041 CC: \$119,676
- 11/12/94 Well pumping to tank; 19 BO, 404 BW.
11/13/94 Well pumping to tank; 20 BO, 616 BW.
11/14/94 Well pumping to tank; 20 BO, 380 BW. #1 motor down; 8 SPM.