

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

WELL API NO.
30-015-26125

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS
(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.)

1. Type of Well:
OIL WELL ☐ GAS WELL ☒ OTHER

2. Name of Operator
Presidio Exploration, Inc.

7. Lease Name or Unit Agreement Name

Eddy "IK" State

3. Address of Operator
5613 DTC Parkway, #750 P O Box 6525 Englewood, CO 80155-6525

9. Pool name or Wildcat
Burton Flat Strawn, East

4. Well Location
Unit Letter G : 1980 Feet From The North Line and 1980 Feet From The East Line
Section 2 Township 20S Range 29E NMPM Eddy County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)
3322.8' GR

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☒ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☐
OTHER: ☐

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

See Attached Report.

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

SIGNATURE Phyllis Sobotik TITLE Operations Technician DATE 4/1/93
TYPE OR PRINT NAME Phyllis Sobotik 303-850-1104 TELEPHONE NO.

(This space for State Use)

ORIGINAL SIGNED BY
MIKE WILLIAMS
SUPERVISOR, DISTRICT II

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

APR 26 1993

CHRONOLOGICAL DAILY REPORTS

NEW MEXICO - RECOMPLETION

E. Burton Flat Field

EDDY 'IK' STATE #1

Operator: Presidio Exploration, Inc.

API #: 30-015-26125

AFE#: RM-92-WO79

Job Type: Recomplete from Bone Springs (6050') to Strawn (10,700')

Sec 2, T20S, R29E

WI: .9500 NRI: .8300

Elevation: KB

Gross AFE Cost: \$200,000

Eddy Co., NM

- 01/10/93 **FIRST REPORT.** Description of operations last 24 hrs: RU pulling unit, pull rods & pmp, LD same, move 320 pmp'g unit & pad off well. RD pulling unit.
DC: \$1,000 CC: \$1,000
- 01/11/93 Description of operations last 24 hrs: RU Permian Rig #49, set substructure, piperacks, mud tnk, reverse unit & generators. Unload 2 7/8" 6.5 PPF, N-80, 8RD workstring. POOH & LD 6052' completion string: (181 jts) 2 7/8", 6.5 PPF J-55, 8RD, (1) tbg anchor, (1) perforated nip, (1) seating nip, & (1) mud anchor.
DC: \$2,223 CC: \$3,223
- 01/12/93 Description of operations last 24 hrs: PU 4.75" mill tooth bit, 5.5" csg scraper, & 2 7/8", 6.5 PPF, N-80, 8RD workstring, TIH to 6024', attempt to load hole, pmp 220 bbls 9.0 ppg brine wtr, well on vac, wash & ream w/no circ to 6079' -lost 14,000# string wt, POOH, pipe parted in collar 79 jts dwn (TOF @ \pm 3625'), TIH w/spear, latch fish, POOH - full rec, bit worn flat, scraper worn, attempt to load hole w/additional 100 lbs brine wtr, well still on vac, prep to run cmt retainer.
DC: \$10,277 CC: \$13,500
- 01/13/93 Description of operations last 24 hrs: TIH w/5.5" cmt retainer, set same @ 6014', establish injection rate into Bone Springs perf of 5 BPM/200 psi, mix & pmp 150 sxs class "H" & 100 sxs class "H" neat, displace w/brine wtr, stage last 5 bbls - press incr fr 250 psi to 1000 psi, pull-out of retainer, reverse out remaining cmt, POOH w/WOC, PU 8 5/8" pkr, TIH to 3098' & set same, tst fr top of 8 5/8" liner (@ 3112') to cmt retainer (@ 6014') to 1000 psi - good, unable to obtain press tst on csg above 17' - wellhead appears to be leaking, csg press tst'd to 1000 psi fr 170' to 6014', POOH, ND BOP, prep to dig out wellhead, move rig substructure.
DC: \$15,800 CC: \$29,300
- 01/14/93 Description of operations last 24 hrs: Dig-out cellar to access wellhead, remove 11" 5K x 13 5/8" 3K csg head, discovered leak on 8 5/8" pack-off, redress 8 5/8" csg stub & repack rings reset & retest csg head & BOP's, PU 4.75" mill tooth bit & (8) 3.5" DC's. TIH w/same, tag-up @ 3112' (i.e. TOL 5.5"), RU power swivel, rotate through & dress-off TOL. TIH to cmt retainer @ 6014', drl out retainer & 73' hard cmt (9 hrs) & fell through @ 609' - tst squeeze to 1000 psi - good, cont drl'g 42' sand & cmt fill (1 hr) dwn to 6133' (FC @ 6167'). NOTE: (111 jts) 4" liner & (65 jts) 2 3/8" tbg arrived on loc.
DC: \$8,200 CC: \$37,500
- 01/15/93 Description of operations last 24 hrs: Cont drl sand/cmt frm 6,133' to 6,254'; test casing to 100 psi - good. Drl thru 5.5" float equip and TIH (i.e open hole); tag cmt plug No.1 @ 6,251'. Drl hard cmt to 6,359' (108'/7.5 hrs = 14.4 FPH) and bit quit. POOH - bit flat w/one cone loose. TIH w/ new bit. Cont drl plug No.1 frm 6,359' to 6,496' - fell thru. Circ out gas bubble; TIH to 6,831' (picking up workstring)
DC: \$5,825 CC: \$43,325

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Eddy Co., NM

- 01/16/93 Description of operations last 24 hrs: Cont picking-up & TIH w/workstring. Tag cmt plg No.2 @ 7,820'. Drl hard cmt to 8,002' (182'4 hrs = 45.5 FPH). Fell thru; wash and ream to 8,246'. Circ gas, cut mud; drl cmt stringers @ 8,286', 8,318', and 8,351'. TIH to 8,813' lost circ. Cont TIH to 9,319' w/intermittant retns (lost ± 520 BF). Tag cmt plug No. 3 @ 9,374'.
DC: \$6,575 CC: \$49,900
- 01/17/93 Description of operations last 24 hrs: Drl cmt, plug No.3 frm 9,374' to 9,548' (174'7 hrs = 24.9 FPH). CCM @ 9,548'. TIH to 10,431'. Drl cmt, plug No. 4 frm 10,431' to 10,557' (126'4 hrs = 31.5 FPH); wash/ream to 10,848'. Drl 2' of new hole to 10,850'. CCM. POOH. Prep to PU 8.5" under reamer.
DC: \$6,255 CC: \$56,155
- 01/18/93 Description of operations last 24 hrs: PU 8.5" under reamer, TIH to csg shoe, CCM, wash & ream to TD @ 10,850', CCM - displacing cmt contaminated flu.
DC: \$7,695 CC: \$63,850
- 01/19/93 Description of operations last 24 hrs: Fin cleanin mud pits & hole of contaminates flu & displacing w/9.2 ppg clean cut-brine (Vis 30, BL 5.4, CL 10,000, pH 12, MC 1/32), POOH, RU csg crew, ND riser, NU flw nip w/flw line to pit. c/o 2 7/8" rams w/4" rams, MU shoe jt w/Baker Type "V" shoe, (1) jt 4", 12.93 PPF, C-75, FL4S, Baker Type one float collar, run (131 jts) 4782.26' of 4", 12.93 PPF, C-75, FL4S liner, PU Baker "CMC" liner hanger w/"C-2" setting sleeve, c/o 4" rams w/ 2 7/8" rams, TIH (note: Tot length of liner & assemblies is 4844.36').
DC: \$67,000 CC: \$130,850
- 01/20/93 Description of operations last 24 hrs: Finish TIH w/liner and hanger assembly; tag-up @ 10,842' SLM/RKB; unable to rotate or reciprocate liner; C & C mud in hole; set liner hanger @ 6,069' SLM/RKB. RU cementers; pump 1000 gals mud flush, 830 sxs Premium Lite "H" (3% salt, 0.5% CF14), & 180 sxs Premium "H" (0.85% CF14); bump plug w/2200 psi; pull stinger out of liner hanger; RD cement head and lines. POOH w/5 stnds; reverse out 235 sxs cmnt to pit; POOH; RU 4.75" OD bit, TIH to 5,500'; WOC. TIH to 6,039' - tag-up; wash and ream 20' cement to TOL @ 6,059'; POOH.
DC: \$21,650 CC: \$152,500
- 01/21/93 Description of operations last 24 hrs: Fin POOH w// 4.75" bit; PU 5.5" packer; TIH w/same and set @ 5,983'. Test TOL w/1000 psi - good; release packer; POOH - lay dn 2-7/8" workstring; begin RD rig; prep to RU daylight rig.
DC: \$8,100 CC: \$160,600
- 01/22/93 Description of operations last 24 hrs: Fin loading out 24 hr rig & associated rental equip, fin-RU daylight rig & unloading 2 3/8" tbg, SDFN.
DC: \$25,050 CC: \$185,650

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Elevation: KB

Gross AFE Cost: \$200,000

Eddy Co., NM

- 01/23/93 Description of operations last 24 hrs: TIH w/3.25" OD bit, BHA, & 2 3/8" 4.7 PPF, N-80, CS tbg, tag TOL @ 6059'. RU power swivel & reverse unit, drl-out, pack-off bushing & flapper valve assembly in liner hgr, drl 5' cmt, wash & ream to 6072', liner clear, shut dwn due to high winds.
DC: \$9,350 CC: \$195,000
- 01/24/93 Shut dwn for Sunday.
DC: \$0 CC: \$195,000
- 01/25/93 Description of operations last 24 hrs: Con't PU 2 3/8" tbg & TIH, tag-up @ 10,704', drl, wash & ream dwn to 10,793', tag float collar, drl to 10,795', bit quit drl'g, CBU, rec metal, rubber & bit bearings, POOH to 10,555'. SDFN.
DC: \$4,050 CC: \$199,050
- 01/26/93 Description of operations last 24 hrs: Fin POOH w/bit, lost all three cones, RU electric line, RIH w/GR/CCL/CBL/MSG tool, tag PBTB @ 10,795' (lower Strawn @ 10,704' - 10,792'), log well (good bond 10,795' - 10,000'; good/fair bond 6300' - 10,000'. TOC @ 6300' csg/liner overlap 6057'-6250'), POOH, RIH, w/42' dyna strip csg gun, perf 2 SPF fr 10,792'-10,750', POOH 15', gun stuck, unable to free gun, leave 2200 lbs tension on line, SDFN. (NOTE: change in flu level after perf).
DC: \$6,000 CC: \$205,050
- 01/27/93 Description of operations last 24 hrs: No movement on electric line, work line w/increasing pull, came free w/3600 lbs pull, POOH, pulled out of rope socket, fish in hole is rope socket (10') sinker bars, CCL, decentralizer & 40' strip gun, PU 3.25" overshot w/grapple, TIH, tag TOF @ 10,715', work over fish, POOH, rec all tools & 1' of strip gun, shots had fired, RIH w/gauge & CCL, tag TOF @ 10,718' (i.e. 28' of unperf interval inaccessible). SDFN.
DC: \$5,100 CC: \$210,150
- 01/28/93 Description of operations last 24 hrs: PU 60' x 3 - 1/16" OD wash pipe w/shoe, TIH & tag TOF @ 10,718', washover fish dwn to 10,765', unable to get deeper, unable to circ over 1.5 BPM/1000 psi due to fish, POOH, recovered 20' of 1.5" perf strip, left 20' in hole, all shots had fired, RIH w/2.75" x 20' sidewinder perf gun, perf remainder of lower Strawn fr 10,704'-10,746' @ 2 SPF, no press, no flu loss, close blind rams. SDFN.
DC: \$12,150 CC: \$222,300
- 01/29/93 Description of operations last 24 hrs: RU tbg testers. PU "Lok-Set" pkr w/"SN", TIH while hydrostatically tst'g to 8000 psi, stop @ 6000', displace hole w/2% KCL, resume TIH to 6049', tag TOL, unable to get past TOL, stack pkr several times, free pkr POOH several stands. SDFN.
DC: \$8,200 CC: \$230,500

CHRONOLOGICAL DAILY REPORTS

NEW MEXICO - RECOMPLETION

E. Burton Flat Field

EDDY 'IK' STATE #1

Operator: Presidio Exploration, Inc.

API #: 30-015-26125

AFE#: RM-92-WO79

Job Type: Recomplete from Bone Springs (6050') to Strawn (10,700')

Sec 2, T20S, R29E

WI: .9500 NRI: .8300

Elevation: KB

Gross AFE Cost: \$200,000

Eddy Co., NM

- 01/30/93 Description of operations last 24 hrs: TOH w/pkr, btm 3 slips gone, rubbers torn, PU 3.1875" string mill, TIH, ream through liner hanger & 45' of liner, took no weight/torgue, POOH, PU 3.260" string reamer, TIH & ream through liner hanger, set dwn & torque-up worked several hrs until all clear, TIH to TD, SDFN.
DC: \$6,400 CC: \$236,900
- 01/31/93 Description of operations last 24 hrs: Displace remainder of hole w/2% KCL, circ oil off btm, POOH w/3.260" string reamer, load hole w/additional 2% KCL, shut dwn for remainder of Sunday.
DC: \$2,225 CC: \$239,125
- 02/01/93 Description of operations last 24 hrs: Open well - slight vac, PU redressed Lok-Set pkr, TIH while tst'g tbhg, still unable to get past TOL @ 6050', POOH, availability of E/L Model "D" is 3-5 days, prep to run 3.375" OD string reamer to reattempt Lok-Set run.
DC: \$4,925 CC: \$244,050
- 02/02/93 Description of operations last 24 hrs: Open well, no blw, no vac, PU 3.375" OD string reamer, TIH to TOL @ 6050', rotate & ream through liner hgr. CBU, POOH, PU Lok-Set pkr, TIH, pass through TOL without any problem, TIH to 6085'. SDFN.
DC: \$7,700 CC: \$251,750
- 02/03/93 Description of operations last 24 hrs: Open well, slight blw, fin TIH w/pkr, set same @ 10,657', land tbhg hanger, ND BOP, NU wellhead, tst wellhead to 5000 psi - good. Tst annulus to 1000 psi good, attempt to breakdown lower Strawn perms w/2% KCL w/1700 psi - no good. RU swab, swab tbhg dry, no feed-in, no show of oil or gas. SDFN.
DC: \$7,500 CC: \$259,250
- 02/04/93 Description of operations last 24 hrs: SITP 0 psi, open well- slight blw, TIH w/ swab, tag F/L @ 9500', swab 2 bbls flu dwn to 10,000', RU acid pmps/tanks, load tbhg w/40 bbls 2% KCL, hold 500 psi on annulus, establish inj rate of 4600 psi/1.5 BPM, max 5600 psi/1.5 BPM, pmp 2000 gals 15% NEFE HCL, max 6500 psi/1.25 BPM, ISIP-6100 psi, 5 min-5900 psi, 10 min-5700 psi, 15 min-5550 psi, (tot load 148 bbls). RD pmp equip, flw back 2.5 bbls, well died, RU swab, swab 85 BLW dwn to 9000', F/L staying @ 5500'-7500'. SDFN. ACT @ 0600: SITP (13 hrs) 180 psi, F/L @ 3600', prep to frac.
DC: \$5,550 CC: \$264,800
- 02/05/93 Description of operations last 24 hrs: SITP (13 hrs) 180 psi, RU swab unit, tag F/L @ 3600', swab 19 BLW (104/148 BLW). RU pmp equip, acid frac lower Strawn w/13,200 gals 20% HCL & 62 ton CO2, displace w/43 bbls 2% KCL (tot additional load 338 bbls) ATP 8000 psi, MTP 8900 psi, AIR 10 BPM, MIR 11.2 BPM, ISIP 5600, 5 min 5350 psi, 10 min 5200 psi, 15 min 5050 psi, 85 min 4150 psi. RD pmp equip & tree saver, RU flw line, open well on 8/64" chk. FTP 3700 psi, FTP 1300 psi (60 min), FTP 700 psi (90 min), 600 psi (2 hrs), recover 38 bbls (38/338 BLW, 142/486 BLW).
DC: \$31,900 CC: \$296,700

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WI: .9500 NRI: .8300

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Gross AFE Cost: \$200,000

Eddy Co., NM

- 02/06/93 Description of operations last 24 hrs: Well flw'd additional 77 bbls until midnight, (115/338 BLW, 219/486 BLW), FTP 0 psi (16/64" chk), slight gas blw, no flu rec in 7 hrs, RU swab. F/L @ 1500', swab 114 bbls dwn to 10,000' in 10 hrs (229/338 BLW, 344/486 BLW), shut in well. SDFN.
DC: \$5,300 CC: \$302,000
- 02/07/93 Description of operations last 24 hrs: SITP (13 hrs) 640 psi, open well - blw well dwn in 30 min, rec ¼ bbl, RU swab, swab 116 bbls dwn to 10,000' in 9.5 hrs (338/338 BLW, 460/486 BLW). FLFR 3600', FLLR 10,000, shut-in well to switch tnks, SITP (15 mins) 200 psi, open well for 30 min, blew dwn to 0, FTP, no flu rec, SI/SDFN. ACT @ 0600, SITP (13 hrs) 300 psi, bled dwn in 5 min, F/L @ 4400'.
DC: \$3,000 CC: \$305,000
- 02/08/93 Description of operations last 24 hrs: SITP (13 hrs) 300 psi, open well, blw dwn in 5 min, no flu recovery, RU swab, swab 100 BF in 10 hrs (338/338 BLW, 560/486 BLW), FLFR 4400', F/L maintaining @ 4700', no shows of oil/gas. SDFN.

Lab analysis (H2O): SG 1.086 (@ 60°F), pH 5.75, Rw .065 (@ 75°F), Fe 500, Ca 13407, Mg 2730, Cl 66283, Na=K 23171, KCL 0, NaCl 109036, TDS 136085, oil 0 (i.e. Strawn Fm wtr).
DC: \$3,335 CC: \$308,325
- 02/09/93 Description of operations last 24 hrs: SITP (12 hrs) 280 psi, open well, blw dwn in 5 min, load tbg w/45 BLW, well on vac, ND wellhead, NU BOP's, work pkr loose, had to pmp additional 25 BLW to decrease differential, pull loose w/20,000 lbs drag, POOH, RU electric line, PU CIBP/setting tool/CCL, RIH w/same to 10,688', setting tool would not fire, POOH - pulled out of rope socket, RIH w/gauge, fish fell to btm @ 10,750', POOH, SDFN. (NOTE: will not attempt to fish tools, HLS will pay Baker for CIBP).
DC: \$4,475 CC: \$312,800
- 02/10/93 Description of operations last 24 hrs: RU electric line, RIH w/new Baker "N-2" CIBP, set same @ 10,688', tag to confirm setting - good, POOH, load hole w/120 BLW, press tst plug w/500 psi - good, RIH w/2.75" OD Sidewinder perf upper Strawn w/2 SPF fr 10,565' to 10,618' (106 holes) - two runs, RD electric line, PU Baker Lok-Set pkr, TIH to TOL @ 6050', displace inhibited pkr flu into annulus, TIH into 4" liner to 6355'. SDFN.
DC: \$14,550 CC: \$327,350

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Eddy Co., NM

- 02/11/93 Description of operations last 24 hrs: Finish TIH w/packer to 10,526'; finish displacing w/packer fluid; set packer @ 10,526' w/10000 psi compression; ND BOPs NU wellhead; test annulus w/1000 psi - good; RU swab 40 BW w/trace oil & gas; FLFR surface; FLLR 10,3000; SDFN
DC: \$5,900 CC: \$333,250
- 02/12/93 Description of operations last 24 hrs: SiTP (15 hrs) 0 psi; RIH w/swab; F/L @ 9600'; attempt to swab - no recovery RU acid pump; load tbq w/5 bbls 20% NEFE; displace w/30 bbls 2% KCL; brokedwn @ 4200 psi /0.5 BPM; pump @ 4800 psi/3 BPM; pump 2800 gals 20% NEFE w/ball sealers; MAX 5700 psi, Min 3200 psi, AVE 4800 psi, Air 3 BPM; had excellent ball action (ten separate breaks); Isip 3550 psi; 5 min 3500 psi, 10 min 3400 psi, 15 min 3300 psi, 45 min 2500 psi (total load 156 bbls); open well to tank; bled press dn to zeero (0 psi) in 3 min; RU swab; swab 38 blw (38/156 blw); F/L @ 2300'; hit obstruction @ 2300'; recovered several ball sealers; RIH w/parafin knife recover more ball sealers; ball sealers getting caught @ wellhead; unable to get below 2300'; SDFN.
DC: \$7,540 CC: \$340,790
- 02/13/93 Description of operations last 24 hrs: SITP (15 hrs) 320 psi; RIH w/swab; tag F/L @ 3600' and obstruction @ 4400'; POOH no recovery; RIH w/1.75" O.D. bailer; tag bridge @ 4842'; spud dn to 4882 POOH - no recovery; RIH w/barrel only; spud dn to 4930'; POOH - no recovery; RIH w/swab; F/L @ 3500'; bridge @ 5500'; POOH - recovered 4 bbls high gravity condensate; RIH w/bailer; tag-up @ 4200'; work bailer; POOH - no recovery; RIH w/sinker bar; tag-up @ 3962'; work dn to 4250'; POOH - lost bailer; RIH w/overshot; POOH - recovered bailer; continue fishing ball sealers w/bailer for 3 hors; recovered 47 ball sealers - pushing bridge dwn hole to EOT @ 10,520' RIH w/swab; swab 33 BLW (71/156 BLW) FLFR 4700'; FLLR 10,300'; well kicked-off; FTQ ($\frac{1}{8}$ "- $\frac{1}{4}$ " ch) 0=150 psi; recovered additional 4.5 BW (75.5/156 BLW) and 0.5 BC (total 4.5 BC); well flowed additional 5 hrs w/0 psi and recovered additional 5 BW (80.5/156 BLW); shut-in well for PBU.
DC: \$4,050 CC: \$344,840
- 02/14/93 Description of operations last 24 hrs: SITP (8.5 hrs) 750 psi; open well on $\frac{1}{4}$ " to $\frac{1}{2}$ " chk; FTP 250 psi; recovered 11 BW (91.5/156 BLW)/2 BC (total 6.5 BC) in 1.5 hrs; FTP 50 psi; shut-in well to hook-up to sales; SITP (30 min) 100 psi; FTP 50 psi (LP 50 psi) - no gas flow but recovered additional 2 BW (93.5/156 BLW); shut-in well; SITP (5.5 hrs) 590 psi; open well - recovered 1.5 BW (95/156 BLW)/1.5 BC (total 8 BC); well flowing 600 MCFPD w/50 psi FTP; died in 2 hrs; shut-in for PBU.
DC: \$1,250 CC: \$346,100

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Eddy Co., NM

- 02/15/93 Description of operations last 24 hrs: SITP (14 hrs) 975 psi; open well on ¾" chk; FTP 1 hr 400 psi/592 MCFPD; open to 20/64" chk; FTP 300 psi/713 MCFPD; recover 1 BW (96/156 BLW)/19 BC (total 205 BC); well died; shut-in for PBU; SITP (30 min) 225 psi; open well on 20/64" - recovered 2 BC (total 22.5 BC); well died; RU swab; unable to enter well - too much gas flow; flow well; recover 3 BC (total 25.5 BC); FTP 0-80 psi/327 MCFPD; well died; shut-in for PBU.
DC: \$2,050 CC: \$348,150
- 02/16/93 Description of operations last 24 hrs: SITP (12 hrs) 825 psi; open well; FTP (15 min) 350 psi; gas 592 MCFPD; decrease to 0 psi FTP/118 MCFPD; recover 17.5 BC (total 43 BC)/3 BW (99/156 BLW) in 3 hrs; RU swab; swab 16.5 BC (total 59.5 BC)/5.5 BW (104.5/156 BLW in 6 hrs); FLFR 6200'; FLLR 10,500'; shut-in well.
DC: \$1,850 CC: \$350,000
- 02/17/93 Description of operations last 24 hrs: SITP (14.5 hrs) 1025 psi; open well on ¾" to 20/64" chk; FTP (30 min) 250 psi, no fluid recovery; gas 928 MCFPD; open to 28/64" - unload 5.5 BC (total 65 BC)/1.5 BW (106/156 BLW) blew down to 0 psi; RIH w/swab; swab 3 BC (total 68 BC)/1 BW (107/156 BLW); FLFR 9900'; FLLR 10,500'; RU frac equip; test same; load hole w/41 bbls 20% NEFE/HCL frac upper strawn w/238 bbls gelled 20% NEFE/HCL @ 9.9 BPM/6200 psi; ISIP - 3400 psi 5 min - 3200 psi 10 min - 3200 psi 15 min - 3000 psi 45 min - 2300 psi 90 min - 1800 psi (total load 280 BLW); finish RD pump equip; left tree saver pack-off in hole; open well - blow most of junk out-of-hole; two brass bushings still in hole (2"L x 1.75"OD x 1.25"ID); RU swab; tag F/L @ 2800'; tag junk @ 5600'; swab 57 BLW (164/436 BLW); fish moved up-hole to 4600'; shut -in well.
DC: \$24,100 CC: \$374,100
- 02/18/93 SITP (13hrs) 400 psi; open well- blew dn immediately; no fluid recovered; RIH w/spear; tag fish @ 4600'; work fish dn to "SN" @ 10,500'; POOH. No recovery; RU swab; swab 69 BLW (233/436 BLW) before show of condensate; FLFR 4600'; swabbing frm 9500'; F/L maintaining @ 6500'; swab additional 8 BLW (241/436 BLW)/11 BC (total 76 BC) and well kicked-off; well flowed 1.5 hrs, FTP 0-150 psi, recovered additional 17 BLW (258/436 BLW)/3 BC (total 79 BC), ±500 MCFPD (± 20% CO₂), knocked Centennial pipeline's compressor off-line, Centennial shut-in meter run @ well; LP increased to 95 psi; well died; shut-in for PBU.
DC: \$1,800 CC: \$375,900

CHRONOLOGICAL DAILY REPORTS

NEW MEXICO - RECOMPLETION

E. Burton Flat Field

EDDY 'IK' STATE #1

Operator: Presidio Exploration, Inc.

API #: 30-015-26125

AFE#: RM-92-WO79

Job Type: Recomplete from Bone Springs (6050') to Strawn (10,700')

Sec 2, T20S, R29E

WI: .9500 NRI: .8300

Elevation: KB

Gross AFE Cost: \$200,000

Eddy Co., NM

- 02/19/93 SITP (12 hrs) 525 psi; open well - bled dn in 10 min - no fluid recovered; RIH w/swab; swab 16 BC (total 95 BC)/55 BLW (313/436 BLW); FLFR 3600'; FLFR 10,500'; well kicks-off for 15-45 min after each run; CO₂ 10%; shut-in well for PBU. NOTE: Sold approx 70 more bbls condensate (i.e. 165 BC) than originally thought recovered (i.e. emulsion); therefore load wtr recovery may be only 243/436 BLW.
DC: \$2,450 CC: \$378,350
- 02/20/93 SITP (12 hrs) 850 psi; open well-flowed 2 hrs. Recovered 18 BC (total 183 BC); CO₂ 6%; RIH w/swab; swab 1 BC (total 184 BC)/30 BLW (273/436 BLW); F/L @ 7700'; Shut-in for PBU.
DC: \$850 CC: \$379,200
- 02/21/93 SITP (13 hrs) 900 psi; open well-flowed 7.5 hrs. Recovered 8 BC (total 192 BC)/2 BLW (275/436 BLW). Gas 130 MCFPD (3.5% CO₂), FTP 40 psi; swab while well continues to flow; recover additional 14 BC (total 206 BC)/30 BLW (305/436 BLW); F/L scattered.
DC: \$800 CC: \$380,000
- 02/22/93 Description of operations last 24 hrs: SITP (12 hrs) 900 psi; open well - recovered 3 BC (total 209 BC)/ 3 BW (308/436 BLW) - well flowing ± 50 MCFPD w/40 psi FTP; swab additional 18 BC (total 227 BC)/13 BW (321/436 BLW); F/L scattered; RD; left well open to sales overnight.
DC: \$800 CC: \$380,800
- 02/23/93 Description of operations last 24 hrs: FTP 25 psi, 0 MCFPD, 0 BFPD; RIH w/swab; F/L scattered; swab frm 10,500' - one run per hour; well would flow 30 min betwn runs 300-800 MCFPD w/40-80 psi FTP before dying out; recovered 28 BC (total 255 BC)/11 BW (332/436 BLW); shut in well; release swab unit; prep to run BHP.
DC: \$800 CC: \$381,600

CHRONOLOGICAL DAILY REPORTS

NEW MEXICO - RECOMPLETION

E. Burton Flat Field

EDDY 'IK' STATE #1

Operator: Presidio Exploration, Inc.

API #: 30-015-26125

AFE#: RM-92-WO79

Job Type: Recomplete from Bone Springs (6050') to Strawn (10,700')

Sec 2, T20S, R29E

WI: .9500 NRI: .8300

Elevation: KB

Gross AFE Cost: \$200,000

Eddy Co., NM

- 02/24/93 Description of operations last 24 hrs: SITP (12hrs) 720 psi; RU wireline; RIH w/1.25" sinker bar; tag-up @ 10,520' (i.e. SN); POOH; RIH w/1.25" spear; tag-up @ 10,520'; attempt to pear bushings; POOH; no recovery; RIH w/1.75" IB; tag-up @ 10,520'; POOH; impression indicating bushing laying on its side; RIH w/tandem BHP bombs; made static gradient stops every 2000'; set bombs @ 10,520'; F/L @ \pm 7000'; SITP 860 psi; open well for 7 hrs; blew dn to 80 psi; gas 800 MCFPD to 100 MCFPD; recovered 4 BC (total 259 BC)/2 BW (334/436 BLW); shut-in well for extended BHPBU.
DC: \$3,375 CC: \$384,175
- 02/25/93 Description of operations last 24 hrs: SITP (12 hrs) 550 psi; well shut-in for BHP build-up.
DC: \$0 CC: \$384,175
- 02/26/93 Description of operations last 24 hrs: SITP (36 hrs) 750 psi; well shut-in for BHP build-up.
DC: \$0 CC: \$384,175
- 02/27/93 Description of operations last 24 hrs: SITP (60 hrs) 950 psi; well shut-in for BHP build-up.
DC: \$0 CC: \$384,175
- 02/28/93 Description of operations last 24 hrs: SITP (84 hrs) 1200 psi; well shut-in for BHP build-up.
DC: \$0 CC: \$384,175
- 03/01/93 Description of operations last 24 hrs: SITP (108 hrs) 1500 psi; well shut-in for BHP build-up.
DC: \$0 CC: \$384,175
- 03/02/93 Description of operations last 24 hrs: Pull BHP bombs frm well; left well shut-in FTP=75 psi; SITP (117 hrs) = 1660 psi. FBHP=837 psi; SBHP (117 hrs) = 2421 psi. F-F/L = N-A, S-F/L = None. NOTE: Well to stay shut-in until analysis complete; BHP still bldg 8 psi/hr at end of build-up.
- 03/03/93 Description of operations last 24 hrs: SITP (132 hrs) 1780 psi; preliminary analysis of buildup: P * 3558 psi; K=.014 md; skin <10> frac half length 2788'.
DC: \$0 CC: \$384,175

CHRONOLOGICAL DAILY REPORTS

NEW MEXICO - RECOMPLETION

E. Burton Flat Field

EDDY 'IK' STATE #1

Operator: Presidio Exploration, Inc.

Sec 2, T20S, R29E

Eddy Co., NM

WI: .9500 NRI: .8300

API #: 30-015-26125

Elevation: KB

AFE#: RM-92-WO79

Gross AFE Cost: \$200,000

Job Type: Recomplete from Bone Springs (6050') to Strawn (10,700')

03/04/93 SITP (156 hrs) 1820 psi
DC: \$0 CC: \$384,175

03/05/93 SITP (180 hrs) 1880 psi
DC: \$0 CC: \$384,175

03/06/93 SITP (204 hrs) 1925 psi
DC: \$0 CC: \$384,175

03/07/93 SITP (228 hrs) 1950 psi
DC: \$0 CC: \$384,175

03/08/93 SITP (252 hrs) 2000 psi, WO Pro WL unit and JC Kinley Co. explosive tools. RU pro lub and MU explosive hammer tool w/1½" OD flat btm, w/120 gr chg; start TIH, work tite spot in tree. Tag junk at 10,559' WLM (=10,520' KB6,±) @ SN depth, WLM counter reading deep detorated hammer, jar on junk, no movement, MU impression block w/1½" OD lead, tag junk @ 10,559' WLM, took impression, TOH, found 1½" Oval w/one side slightly mashed in, brass bushing standing up. Attempt to fish brass bushing w/1½" spear-grapple w/1"x4½" long guide, taag top of fish w/btm of grapple, TOH, no recovery, brass marks on btm of grapple; MU 1½" x ½" OD rod, TIH, tag fish, TOH, rod box tagged on brass, hole is clear 1½' below top of fish to top of Pkr mandrel which has 1.500" ID RD WL, prepare to open well and flow tst during night. Prepare to test inj for frac treat using 2% KCL wtr w/Dowell pmp trucks. Will call in fluid guage this AM (3/9/93).
DC: \$4,350 CC: \$388,525

03/9/93 FTP (1" ch) 50 psi, 309 MCFPD, 2 BF/hr (50% cut); shutin well; RU pmp truck and tanks; load tbg w/41 bbls 2% KCI; establish inj rate 7.1 BPM/3310 psi; ISIP 0 psi; well on vacuum; RD pmp equip; left well shutin.
DC: \$3,400 CC: \$391,925

03/10/93 SITP (18 hrs) 1325 psi; open well - blowing dry gas; fluid to surf in 30 min; 100% oil in 50 mins -FTP 300 psi; press 0 psi in 2 hrs; flowed 4 BO (total 385 BO)/3 BW (337/556 BLW); RU swab; swab 31 BO (total 416 BO)/18 BW (355/556 BLW) in 10.5 hrs; FLFR 900'; FLLR scattered 2000'-8000'; RD swab unit.
DC: \$1,515 CC: \$393,430

03/11/93 SITP (13.5 hrs) 980 psi; waiting on rig to pull tbg to recover fish; open well - dry gas for 20 min and fluid hit; FTP 250 psi; gas 1003 MCFPD; recovered 5 BO (total 421 BO)/5 BW (360/556 BLW) in one hr; open chk, FTP 100 psi; gas 374 MCFPD; FTP dropped to zero psi in 3 hrs; RU swab; swab 3 BO (total 424 BO)/3 BW (363/556 BLW); FLFR 1000-5000' scattered; FLLR 2000-8500' scattered; RD/release swab unit; SITP (7 hrs) 550 psi; open well - blew dn to 0 psi in 75 min; rec 4 BO (total 428 BO)/5 BW (368/556 BLW); shutin well.
DC: \$1,050 CC: \$394,480

CHRONOLOGICAL DAILY REPORTS

NEW MEXICO - RECOMPLETION

E. Burton Flat Field

EDDY 'IK' STATE #1

Operator: Presidio Exploration, Inc.

API #: 30-015-26125

AFE#: RM-92-WO79

Job Type: Recomplete from Bone Springs (6050') to Strawn (10,700')

Sec 2, T20S, R29E

WI: .9500 NRI: .8300

Elevation: KB

Gross AFE Cost: \$200,000

Eddy Co., NM

- 03/12/93 SITP (13 hrs) 900 psi; open well- gas 1 MMCFPD for 30 mins; fluid hit; FTP 0 psi in 90 mins; recov 8 BO (total 437 bbls)/ 2 BW (370/556 BLW); attempt to load tbg - well on vacuum; ND wellhead; NU BOP's; unseat pkr; POOH w/completion string; recov brass tree saver bushings; PU redressed Lok-Set Pkr; TIH; set pkr @ 10,495'; ND BOP's; NU wellhead; load annulus w/130 bbls inhibited 2% KCL; SDFN.
DC: \$7,100 CC: \$401,580
- 03/13/93 SITP (14 hrs) 0 psi; fin loading annulus; tst pkr w/1000 psi - good; RU swab; swab 115 BW (485/816 BLW); FLFR 3600'; FLLR 6000'; RD swab; spot frac tanks on loc; load tanks w/fresh wtr; SDFN.
DC: \$3,400 CC: \$404,980
- 03/14/93 SITP (15 hrs) 200 psi; open well-blew dn in 5 mins; RU frac equip; frac well w/10M gals "WF 225" (linear gel), 20M gals 28% "SXE" HCL (external oil emulsion acid); 5M gals "WF225"; displace w/2% KCL; Max 10,000 psi/8.2 BPM; ISIP 3750 psi; 5 Min - 3630 psi; 10 min - 3580 psi; 15 min-3550 psi; total load (including 143 bbls diesel) 955 bbls; RD frac equip; open well; FTP 3500 psi to 400 psi (1 hr) to 0 psi (1.5 hrs); well died after recovering 133 BLW (618/1771 BLW); RU swab; swab 32 BLW (650/1771 BLW); FLFR 300'; FLLR 700'; SDFN.
DC: \$40,000 CC: \$444,980
- 03/15/93 SITP (13 hrs) 120 psi; open well-blew dn no fluid; RIH w/swab; F/L @ 200'; swab once - well kicked off; FTP 10 psi - recovered 10 BLW (660/1771 BLW)-well died; RIH w/swab; swab 31 runs in 12 hrs; recover additional 160 BLW (820/1771 BLW); FLFR 500'; FLLR 3300'; SDFN.
DC: \$1,775 CC: \$446,755
- 03/16/93 SITP (13 hrs) 275 psi; open well-blew dn in 3 min; resume swabbing; swab 124 BLW (944/1771 BLW) in 20 runs in 12 hrs; FLLR scattered 4000' - 4500'; pulling from 9000' - 10,000' but recovery inefficient due to acid gas pockets; gas blow increasing w/each successive run; shut in well; SDFN.
DC: \$1,550 CC: \$448,305
- 03/17/93 SITP (13 hrs) 300 psi; open well-blew dn in 3 min; RIH w/swab; swab 121 BLW (1065/1771 BLW) in 20 runs in 12 hrs; FLFR 4800; FLLR scattered 4200'; pulling from 10490'; begin cutting 5-10% oil on spot samples shut in well; SDFN.
DC: \$1,620 CC: \$449,925
- 03/18/93 SITP (13 hrs) 640 psi; open well-blew dn; no fluid; RIH w/swab; swab 47 BLW (1112/1771 BLW) & 12 BC (449 BC total); FLFR 1700'; FLLR scattered 5100' to 10490'(ie SN); shut in well; SDFN.
DC: \$2,000 CC: \$451,925

CHRONOLOGICAL DAILY REPORTS

NEW MEXICO - RECOMPLETION

E. Burton Flat Field

EDDY 'IK' STATE #1

Operator: Presidio Exploration, Inc.

API #: 30-015-26125

AFE#: RM-92-WO79

Job Type: Recomplete from Bone Springs (6050') to Strawn (10,700')

Sec 2, T20S, R29E

WI: .9500 NRI: .8300

Elevation: KB

Gross AFE Cost: \$200,000

Eddy Co., NM

- 03/19/93 SITP (12 hrs) 740 psi; open well-flow 10 BO (459 BO total); in 40 min. - well died; RIH w/swab; swab 64 BLW (1176/1771 BLW) in 18 runs; FLFR 4200'. FLLR scattered 7800' to 10490'; tail gas at end of each run FTP 120 psi (5 min); SDFN.
DC: \$1,100 CC: \$453,025
- 03/20/93 SITP (12 hrs) 945 psi; open well-flow 5 BO (464 BO total); 12 BLW (1188/1771 BLW) for one hr; swab 14 BO (478 BO total) 131 BLW (1207/1771 BLW) 12 runs; FLFR 3500'; FLLR scattered 7800' - 10490'; tail gas at end of each run FTP 120 psi (10 min); SDFN.
DC: \$1100 CC: \$454,125
- 03/21/93 SITP (12 hrs) 980 psi; open well - blew dry gas for 1½ hrs; swab once; F/L 7800'; well kicked-off; FTP 60-120 psi; put well on sales line; well flowing in slugs from 40 to 500 MLFPD (AVE 80 MCFPD); flowed 134 BO (612 BO total); 3 BW (1210/1771 BLW) in 22 hrs.
DC: \$330 CC: \$454,455
- 03/22/93 FTP 100 psi, gas 80 MCFPD; RIH w/swab tag scattered F/L @ 7900 to 10490'; swab 2 BO (614 BO total) & 4 BW (1214/1771 BLW); RD & release swab unit; shut-in well; SITP (4.5 hrs) 480 psi; open well; flow in slugs from 0 to 500 MLFPD @ line pressure (i.e. +80 psi); recover 29 BO (643 BO total) & 22 BW (1236/1771 BLW) in 18 hrs.
DC: \$200 CC: \$454,655
- 03/23/93 Shut-in well; SITP (8hrs) 500 psi; open well; flowed 16 hrs; gas 0-450 MCFPD rate; FTP 80-100 psi; 17 BO (total 660 BO) & 19 BW (1255/1771 BLW).
DC: \$0 CC: \$454,655
- 03/24/93 Well died overnight; Shut-in well; SITP (7 hrs) 500 psi; open well; flowed 19 BO (total 679 BO) & 3 BW (1258/1771 BLW) in 17 hrs; FTP 90-100 psi; gas 0-400 MCFPD rate; installing intermitter; will start w/ 4 hrs shut-in & 40 minutes flow.
DC: \$300 CC: \$454,955
- 03/25/93 Flow well on intermitter for 19 hrs w/75 min shut-in/40 min flow cycle; recovered 31 BO (total 710 BO) & 11 BW (1269/1771 BLW); SITP (75 min) 200 psi; FTP 80 to 50 psi; gas 500 to 30 MCFPD (ave 150 MCFPD)
DC: \$0 CC: \$454,955

NEW MEXICO - RECOMPLETION

E. Burton Flat Field

EDDY "IK" STATE #1

Operator: Presidio Exploration, Inc.

API #: 30-015-26125

AFE#: RM-92-WO79

Job Type: Recomplete from Bone Springs (6050') to Strawn (10,700')

Sec 2, T20S, R29E

WI: .9500 NRI: .8300

Elevation: KB

Gross AFE Cost: \$200,000

Eddy Co., NM

03/26/93	Flow well on intermitter; 75 min off/40 min on; 15 BO (total 725 BO) & 8 BW; (1277/1771 BLW); gas 0 - 450 MCFPD (ave 150 MCFPD); FTP 60-120 psi. DC: \$0 CC: \$454,955
03/27/93	Flowing well on intermitter; 90 min off/30 min on; 19 BO (total 744 BO) 11 BW (1288/1771 BLW); gas 0-500 MCFPD (ave 150 MCFPD); FTP 60-120 psi. DC: \$0 CC: \$454,955
03/28/93	Flowing well on intermitter; 90 min off/30min on; 21 BO (total 765 BO) & 10 BW (1298/1771 BLW); gas 35-500 MCFPD (ave 165 MCFPD); FTP 90-120 psi. DC: \$0 CC: \$454,955
03/29/93	Flowing well on intermitter: 90 min off/30 min on; 22 BO (total 787 BO) & 10 BW (1308/1771 BLW); gas 35-500 MCFPD (ave 165 MCFPD); FTP 90-120 psi. DC: \$0 CC: \$454,955
03/30/93	Flowing well on intermitter: 90 min off/30 min on; 17 BO (total 804 BO) & 13 BW (1321/1771 BLW); gas 50-500 MCFPD (ave 165 MCFPD); FTP 90-120 psi. DC: \$0 CC: \$454,955
03/31/93	Flowing well on intermitter: 120 min off/30 min on; 12BO (total 816 BO) & 11 BW (1332/1771 BLW); gas 50-500 MCFPD (ave 160 MCFPD); FTP 100-120 psi; SITP (120 min) 400 psi. DC: \$0 CC: \$454,955
04/01/93	Flowing well on intermitter: 90 min off/25 min on; 12 BO (total 828 BO) & 7 BW (1339/1771 BLW); gas 50-500 MCFPD (ave 160 MCFPD); FTP 100-120 psi; SITP (90 min) 300 psi. DC: \$0 CC: \$454,955