

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Oil Co
1980
Hobbs, NM 88241

FORM 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 BUREAU OF LAND MGMT.
ROSWELL OFFICE

1. Type of Well
 Oil Well Gas Well Other
 2. Name of Operator
 PLAINS PETROLEUM OPERATING COMPANY
 3. Address and Telephone No.
 415 W. WALL, SUITE 1000, MIDLAND, TX 79701 915/683-4434
 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
 2280' FSL & 560' FEL, Sec 34 (I), T23S, R37E

ACCEPTED FOR RECORD
DEC 29 1997
 BLM

5. Lease Designation and Serial No.
 NMLC064118
 6. If Indian, Allottee or Tribe Name
 7. If Unit or CA, Agreement Designation
 8. Well Name and No.
 E.C.HILL "B" FEDERAL #24
 9. API Well No.
 30-025-33889
 10. Field and Pool, or Exploratory Area
 TEAGUE SIMPSON
 11. County or Parish, State
 LEA, NM

12. CHECK APPROPRIATE BOX(S) 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 type="checkbox"/> Recompletion |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Plugging Back |
| | <input type="checkbox"/> Casing Repair |
| | <input type="checkbox"/> Altering Casing |
| | <input checked="" type="checkbox"/> Other <u>DST, prod csg, perf, acidize, frac</u> |
| | <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 markers and zones pertinent to this work.)*

10-25-97 DST #1 6295'-6332" Drinkard. Op tool, bubble hole @ btm bkt in 8 secs, op FL on 1/4" ck, GTS in 2 mins, press inc to 780 psi in 15 mins, gas rate 1144 MCFGPD. Close tool for ISI, OTS in 23 mins from ITO, ISI 90 mins, re-op on FF 1/4" ck, press inc to 1150 psi in 40 mins, est gas 1600 MCFGPD, press dec last 15 mins of FF to 1120 psi, close tool for FSI 134 mins. Rec 11.95 bbls 39 deg oil & 6.25 bbls gas & wtr cut oil, 250 cc's oil, 100 cc's wtr, 30,000 ppm Cl2, resistivity 0.256 Ohms. Press IHP 2773, PFP 784-1168 15 mins, ISIP 2469 psi 90 mins, FFP 867-1733 psi 60 mins, FSIP 2449 psi 134 mins. FHP 2786 psi, BHT 103 deg F.

11-7-97 DST #2 9260'-9420" (Middle & Lower McKee). Surf action op tool for 15 mins PF, weak blo incr to good, btm bkt in 60 secs. Op on 1/4" ck, press inc to 175 psi @ end of PF. Close tool for 90 min ISI, GTS in 30 mins after close tool. Reop for FF, FP 140 psi after 15 mins, GR 220 MCFGPD, 30 min FP 180 psi, 270 MCFGPD, 45 mins FP 185 psi 280 MCFGPD, 60 mins FP 220 psi, 300 MCFGPD, 75 mins FP 220 psi, 330 MCFGPD. Close tool for 150 mins FSI. Reverse out 22.1 BO 43 deg, no wtr. Sample chamber rec 1100 psi, 2.2 cu ft gas, 400 cc's oil, 200 cc's drlg mud, no wtr. GOR 850:1. Press IHP 4333 psi, 15 mins PFP 642-922 psi, 90 mins ISIP 1375 psi, 75 mins FFP 663-857 psi, 150 mins FSIP 1327 psi.

11-11-97 TD 9555'. Ran 213 jts 5-1/2" (csg & float equipment) 17# & 15.5# N80 & J55 csg (9558.76'). Set @ 9555' KB. Cmtd 1st stage w/1000 sx 50:50 Premium Poz w/0.25#/sk D-Airl, 1/4#/sk Flocele, 2% gel, 3#/sk salt, 0.8% Halad 447, displaced w/86 BFW & 141 bbls drlg mud. PD @ 8:30 AM CST 11-10-97, float held ok. Dropped bomb, opened DV tool, circ thru DV tool w/drlg mud, circ 150 sx cmt to pit from 1st stage. Cmtd 2nd stage w/350 sx Premium cmt w/0.25#/sk D-Airl, 1/4#/sk Flocele, 2.5% Econolite, 0.8% Halad 9, 7% salt, 2#/sk gilsonite. Tailed in w/275 sx 50:50 Premium Poz w/0.25#/sk D-Airl, 1/4#/sk Flocele, 2% gel, 5#/sk salt, 0.8% Halad 447. Displaced plug w/FW. PD @ 2:00 PM CST 11-10-97. Float held ok, cmt did not circ to surface, wasn't designed to, only up inside 8-5/8" csg. DV tool @ 5976', FC @ 9508', centralizers @ 9531', 9486', 9397', 9309', 9220', 9131', 9042', 8954', 8865', 8777', 8688', 8599', 8510', 8422', 8333', 6426', 6336', 6246', 6156', 6066', 5886', 5796', 5706', 5616' & 5526', total 25 centralizers. Patterson rig #1 released @ 7:00 PM CST 11-10-97

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

Signed Bonnie Auland Title Admin. Assist. Date 12/22/97

(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.

E. C. Hill "B" #24 - Page 2

11-18-97 WITH w/GR-CBL-CCL logging tool. PRTD 9486. Logged back to 5800' w/1000 psi on csg, excellent- good cmt bond throughout. DV tool @ 5960'. TOC @ 2595'. WITH w/2 7/8" ibg, SN & 238 jts 2- 7/8" ibg, OD, btm of ibg @ 7516'. Swabbed ibg & ibg-csg annulus dwn to 7500'. LD swab, POOH w/240 jts 2-7/8" ibg w/SN. WITH w/4" select fire csg gun, selectively perf w/0.44" entry holes, 19 gram charge 1 JSPF @ 9270', 71', 72', 85' & 9286', 9328', 29', 30', 31', 41', 43', 44', 45', 52', 56', 75', 76', 80', 82' & 9383', total 20 holes.

11-19-97 WITH straddle w/10" PPI pkr & 2-7/8" ibg, ran standard 2-7/8" SN, 1 jt above top pkr, w/293 jts ibg in hole, loaded ibg w/2% KCI FW. Set & press test pkr in blank pipe to 3000 psi, ok. Released press & WITH w/6 add'l jts ibg, 299 jts total ibg. RU Wedge WL w/1-11/16" GR tool & CCL thru ibg. Ran GR strip log & corrected ibg measurements. SN @ 9330', btm of pkr @ 9379'. KB. POOH w/GR-CCL tools. PU 10' 2-7/8" ibg subs, WITH & spotted 7-1/2% HCl MCA acid, w/acid on spot & after testing spot control valve, set pkr straddling perts 9375'-76', 80', 82' & 83'. Pumped into perts @ 1000 psi @ 2 BPM. Communicated to annulus after pumping 200 gals acid. Released pkr, pulled the hole & straddled perts 9352' & 9356', re-set pkr, pumped into perts @ 1650 psi, communicated to annulus after pumping 220 gals acid. Released pkr, pulled ibg to blank csg, re-tested pkr, ok. WITH & re-set across perts 9375'-9383', attempted to isolate perts but communicated to annulus. POOH w/ibg, re-set pkr straddling perts 9270'-71' & 9272', displaced remainder of 7-1/2% HCl MCA into perts @ 2.1-2.4 BPM @ 2370-2450 psi w/2% KCI FW. ISIP 1210 psi. Well on vac in 3 mins. POOH w/2 add'l jts ibg, set pkr @ 9200', press test pkr, ok. Released press, RD Halliburton. PU swab tools & baby red fishing tool, caught SCV on 2nd run & fished SV out of pkr on 3rd run. Closed well in. Will swab test & evaluate for re-acidization w/ball sealers.

11-20-97 RIH w/swab, IFL 4300' FS, FFL 6500' FS.
 11-23-97 Pump 60 bbls 2% KCI dwn csg, acidize perts 9270'-9383' w/1500 gals 7-1/2% MCA acid w/30 ball sealers. Flush to btm perf w/57 bbl 2% KCL. Max press 50 psi, min press 29 psi, avg 46 psi. Min rate 4 BPM, max 5.8 BPM, avg 4.7 BPM. No ball action. ISIP - vacuum. Swab well to test tank
 11-26-97 RIH w/288 jts (8962.60') 2-7/8" 6.4# J55 EUE ibg, EOT @ 8962.60', SN @ 8949.50', TAC @ 8918.10'. NU WH, PU pump (1-1/2" 25-150 RHBC 24-6) & 231 3/4" & 114 7/8" rods & 5 7/8" pony rods, (8970' total rods & pump) Hang on @ 7:00 PM CST 11-25-97, space out. (Pumping Unit American 456-304-144 pumping 10 SPM in 144" strokes) Load & test ibg & PA.
 12-1-97 Date of first gas sales
 12-9-97 Frac McKee Perts 9270'-9383' dwn 5-1/2" csg. Pumped 44 tons CO₂ & 48,195 gals frac. Calculated only got in formation approx 1/2 of the job designed proppant 40,000# of the 80,000# as Halliburton combination of blender problems, prime and not aggressive enough ramp schedule.
 12-11-97 RU Wedge WL WITH w/4" SCG & perf w/19.5 gram charges 0.49" entry, 3 HPF @ 9372'-9382', 33 holes, 9350'-9362' 39 holes, 9339'-9346' 24 holes, 9328'-9334' 21 holes, 9284'-9288' 20 holes, 9270'-9274' 20 holes & 9235'-9238' 12 holes.

12-12-97 WITH w/prod ibg, pump & rods 288 jts 2-7/8" 6.5# EUE J55 ibg, 3-1/2" gas separator, 2-7/8" SN, 2-7/8" x 5-1/2" TAC total 8962.60'. EOT @ 8962.30', SN @ 8949.50'. 1-25-150 RHBC 24-6 1-1/2" pump 231 3/4" rods, 114 7/8" rods, 4 7/8" pony rods, total rods & pump 8970'.

12-17-97 Well not pumping, lowered pump & rods 13", loaded ibg w/20 bbls prod wtr. Left SI overnight, restarted 12-17-97. POOH w/pump & rods, pump badly beaten. ND WH, NU BOP, Unset TAC. POOH w/ibg, recovered all pump parts.

12-20-97 Op BOP, RIH w/ibg, GSI MA, SN, 289 jts J55 6.4# EUE ibg, total 8998', 1 25-200-RWBC 24-6 pump, 230 3/4" sucker rods, 119 7/8" sucker rods, 1 1-1/2" polish rod, total 9050'. Hung on, spaced out, left pumping to frac tank.