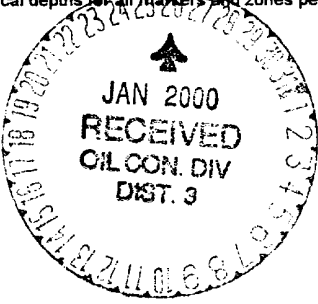


UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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		5. LEASE DESIGNATION AND SERIAL NO. SF 077382
SUBMIT IN TRIPLICATE		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>	7. IF UNIT OR CA, AGREEMENT DESIGNATION Hargrave A	
2. NAME OF OPERATOR CONOCO INC.	8. WELL NAME AND NO. Hargrave A #1	
3. ADDRESS AND TELEPHONE NO. P.O. Box 2197, DU 3066, Houston, TX 77252-2197 (281) 293-1613	9. API WELL NO. 30-045-06917	
4. LOCATION OF WELL (Footage, Sec., T., R., M. or Survey Description) 990' FNL & 1650' FEL, UNIT LETTER "B", Sec. 4 T27N-R10W	10. FIELD AND POOL, OR EXPLORATORY AREA Fulcher Kutz PC	
11. COUNTY OR PARISH, STATE San Juan County, 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 checked="" type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice		<input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input checked="" type="checkbox"/> Other: <u>PC Restimulation</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 <small>(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log Form.)</small>
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 horizons and zones pertinent to this work.) <div style="text-align: center;"><p>See attached summary.</p></div>		
14. I hereby certify that the foregoing is true and correct		
SIGNED <u>Verla Johnson</u> TITLE <u>VERLA JOHNSON, As Agent for Conoco Inc.</u> DATE <u>12-28-99</u> (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 Instruction on Reverse Side

JAN 24 2000

AMOCO

CONOCO INC.
Hargrave A #1
API #30-045-06917
990' FNL & 1650' FEL, UNIT LETTER "B"
Sec. 4, T27N-R10W

11/23/99 MIRU Key 60, spot equipment, check pressures, csg 50#, tbg 250#, blow down csg to pit in 5 mins, TBG would not blow down (PKR in well), kill tbg w/3 bbls 1% KCL, NU TIW valve in 2 7/8" tbg & RU swab lubricator, RIH w/2.4" NOGO on sandline tag up @ 2100' sandline measurement, POOH w/NOGO, RD swab lubricator, SDON. Will NU drill flange on 5 1/2" Larkin style head 11/24/99 to continue nipple up in preparation for PC Frac.

11/24/99 145# tbg, 0# csg, blow down tbg, kill w/5 bbls 1% KCL, NDWH, NU 8 5/8" drill flange, NUBOP, load 5 1/2" csg X 2 7/8" annulus w/60 bbls 1% KCL, (calculated volume 33.5 bbls) found leak @ surface, clamp holding 5 1/2" in 9 5/8" surface casing (no casing head) leaking, dig out surface leak by hand, no seal at clamp where 5 1/2" csg landed in 9 5/8" surface pipe, SDON

11/29/99 Tbg 60#, csg 0#, attempt to PU 2 7/8" tbg from donut in 5 1/2" WH, could not PU tbg past BOP, tbg originally set in tension for the 5 1/2" PKR on 2 7/8" tbg, load 5 1/2" X 2 7/8" csg annulus w/10 bbls 1% KCL, returns to surface, load tbg w/10 bbls 1% KCL, NDBOP, PU floor, work PKR loose, set short slips under tbg, strip BOP over tbg, REL PKR, TOOH w/same, PU & TIH w/Halliburton 5 1/2" RBP & PKR, set PKR @ 700' to isolate surface, SDON

11/30/99 Tbg 65# w/PKR set @ 700', BD TBG, REL PKR & cont TIH w/RBP & PKR, set RBP @ 2097', REL off RBP w/PKR & set PKR @ 2059', test RBP to 500# OK, REL PKR & PU to 1356', set PKR & test 5 1/2" csg to 500# OK, did not test above PKR flowed to surface leak from top of PKR, REL PKR & TOOH w/same, TIH w/Hbton tension PKR, set tension PKR @ 650', attempt to test to surface, developed surface leak in 5 1/2" csg above 9 5/8" clamp, 3' below rig BOP visible @ surface, REL PKR & TOOH w/same, RBP still @ 2097', TIH w/RBP ret head on 2 7/8" tbg to 2000', SDON

NOTE: Notified Steve Mason w/Farmington BLM office about intent to slimhole this well w/3 1/2" tbg & PKR @ 2100', will cement tbg in place w/approx 200 sxs neat cmt. Also notified TRIGON to file notice of intent w/BLM. Received verbal approval from Steve Mason about plans, contingent upon BLM receiving written sundry from TRIGON on 12/01/99.

12/1/99 TIH w/2 7/8" tbg & ret head from 2000' to top of Hbton 5 1/2" RBP @ 2100', latch RBP & REL TOOH laying down 2 7/8" tbg & RBP, tally, PU & TIH w/Arrow (Weatherford) 5 1/2" x 3 1/2" fullbore PKR w/3 1/2" plug in top of PKR & 4' perf sub & profile nipple above PKR, Set PKR @ 2120' on 3 1/2" 9.3# tbg, (top of PKR @ 2117', top of 3 1/2" profile above the 4' perf sub @ 2113'), circ hole from perf sub to surface w/20 bbls 1% KCL, SDON Ready to cement slimhole in place 12/3/99. Sundry notice to BLM sent in by Trigon Engineering.

12/2/99 RU BJ cement crew, circ hole w/10 bbls 1% KCL to surface, pump 5 bbls fresh H2O to clear pump lines, pump 75 bbls (284 sks of 14.2#/gal Type 3 cement w/2% CaCl + 4#/sk Gilsonite + 1/4#/sk cello flake), @ 3 BPM, 60#, cement returns to surface after pumping 55 bbls of cement, calculated volume 35 bbls, leaves 20 bbls of this slurry behind hole in 5 1/2" csg, shut down, ND cement line @ wellhead, drop 3 1/2" wiper plug, NU cement line, start displacement w/1% KCL, pump 18.4 bbls displacement, bump plug, pressure to 3900#, shut down pump, bleed off pressure, check plug no flow back, clean all lines & BOP, RD BJ, SDON

12/3/99 Tally, PU & TIH w/2 7/8" bit, bit sub, 8 1 3/4" DCs & 60 jts 1 1/4" DP, tag cement @ 2009', (104' cmt over plug @ 2113'), RU pwr swivel, DO w/1% KCL to 2110', circ clean, PU tbg to 2100', SDON

12/6/99 Drill out cement from 2110' to 2120', circ clean w/1% KCL, RU air package, clean out open hole section from 2142' - 2215', circ clean w/sweeps from bottom, TOOH w/workstring & tools, RDMO air package, move tubing float, heat 2 - 400 bbls tanks in prep for frac on 12/08/99, NU 6" 5000# frac valve on rig BOP, change out tubing head valves from 2500# to 3000# WP valves, location ready to frac, SDON

CONOCO INC.
Hargrave A #1
API #30-045-06917
990' FNL & 1650' FEL, UNIT LETTER "B"
Sec. 4, T27N-R10W

12/8/99 RU BJ to top of 6" 5000# frac valve, Frac PC open hole (2142' - 2215') as follows: Establish pump in rate w/50 bbls 1% KCL, inj rate 12 BPM Max 20#, ISIP 0#, frac gradient .45, Frac PC w/93,860# 20/40 Brady & 14,400# 14/40 Flexsand w/50,190 G 70Q Foam @ 35 BPM, Max psi 1580#, Avg 1450#, ISIP 1307#, finish frac @ 1130 hrs, 5 min 810#, 10 min 792#, 15 min 773#, RD BJ, ND frac iron, NU 7 1/16" companion flange X 2" linepipe for flow back to laydown tank, start flowback @ 1415 hrs, initial shut in 550#, flow 15 mins thru 1/4" choke pressure dropped to 370#, recovering heavy sand cut foam, turn over to drywatch for night.

12/9/99 Well flowed overnight w/1/2" choke @ 30#, recovered 90 bbls fluid, 3 cups sand in 5 gals of foamed fluid on first sample this morning, continue flow back thru 1/2" choke for 5 hrs, shut in well pressured to 150#, change out 1/2" choke to 1" choke, flow 30 mins dropped to 15#, no sand recovered, very little foamed fluid recovered, shut in 30 mins, changed out 1" choke to 1/2" choke, flow @ 75# for 1 hr then dropped to 35# flowed @ 30# until turned over to drywatch for night.

12/10/99 cont flowing well thru 1/2" choke @ 30#, recovered 40 bbls light sand cut heavy foam until 1400 hrs, then fluid changed to light foam & fluid, light sand recovery, 1/8 cup sand /5 gal fluid, continue flowing over weekend w/drywatch

12/13/99 Well flowed over weekend thru 1/2" choke @ 30#, recovered 70 bbls in 48 hrs since last report, light sand (3 -4 teaspoons per 5 gal fluid), blow down 3 1/2" csg thru 2" to allow well to die, TIH w/2 7/8" bit, 7 - 1 1/4" DCs & 1 1/4" AOH drill pipe to clean out well, tag fill @ 2174' (41' of fill), Co w/ N2 to 2215' (PBTD) circ clean w/2 sweeps N2, RD N2 pump, kill tbq w/2 bbls 1% KCL, TOO H w/workstring laying down same, SDON

12/14/99 Well shut in overnight, wait on Frontier Inspection to inspect 2 1/16" tbq @ yard, 105# csg, found frac foam fluid @ wellhead, flow subsided when 105# pressure bled off 3 1/2" csg, 2 1/16" tbq delivered to location, tally first row tbq, SDON

12/15/99 105# csg, frac foam around 5 1/2" head between head & cement @ surface, PU & TIH w/3 1/2" Hbton PKR set @ 90' to isolate wellhead, TOO H w/tbg, shut BOP blinds, test RBP to 650# OK no leak off, could not detect leak between 5 1/2" & cement @ surface, bleed off 650# to pit, pressure up 3 1/2" w/120# air pressure from rig, monitor 1 hr no leak off, remove 2" nipple & 2" ball valve from cemented 5 1/2" head (below 3 1/2" donut) check for cement in this area, found that cement had fallen down from where donut was landed in this head, NU 2" nipple & seal nipple with plastic bag to check for leak off through donut, monitor 1 hr no leak off, leave 120# air pressure on well with RBP in 3 1/2" csg, shut in overnight, will check in am to verify if leak is from donut area.

12/16/99 No leak @ wellhead between 5 1/2" csg & cmt @ surface (problem area), 120# air pressure was gone above the donut indicating that was where the leak was coming from, pack off area below 3 1/2" donut w/14# of plastic seal pressure to 1000# OK, TIH w/2 1/16" tbq latch & rel Hbton 3 1/2" PKR @ 90' & TOO H w/same, PU, tally & TIH w/2 1/16" 1/2 Muleshoe, SN & 2000' of inspected 2 1/16" tbq, found that remaining string had eggshaped IJ boxes, would not make up correctly, SDON

12/17/99 120# tbq/csg, kill tbq w/2 bbls 1% KCL, PU, tally & TIH w/154' 2 1/16" tbq. land tbq in wellhead w/ total of 67 jts 2 1/16" J-55 IJ inspected tbq @ 2154' KB, NDBOP, NUWH, tbq started to flow to rig pit, shut in master valve, RD ready to move off 12/20/99, FINAL REPORT

NOTE: TBG Landed in open hole section 12' into open hole PC